GEOLOGICAL, GEOPHYSICAL, AND GEOCHEMICAL

ASSESSMENT REPORT

ON THE

OKI-DOKI PROJECT CLAIMS

DAWSON AND MAYO MINING DISTRICTS

YUKON TERRITORY

Latitude: 64° 08' North
Longitude: 138° 12' West

093768

N.T.S. Map Sheets
116A/2,3,4,5;
116B/1,2;
115P/13,14,15

Volume 1

for

INTERNATIONAL KODIAK RESOURCES INC.
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by

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This report has been examined by the Geological Evaluation Unit under Section 53 (4) Yukon Quartz Mining Act and is allowed as representation work in the amount of $ ~~688,800~~ 872,000.

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

0118-10760

SUMMARY

The Oki-Doki Project Area is located in west-central Yukon approximately 67 kilometers east of Dawson City. The project area consists of seven distinct blocks comprising 3254 claim units covering 68,552 hectares. The claims are owned and operated by International Kodiak Resources Incorporated.

Following the turn of century discovery of placer gold in the Klondike various lode gold properties, such as Dublin Gulch, Clear Creek, and Antimony Mountain were located in the Dawson-Mayo area in the early part of this century. With the discovery of the Brewery Creek deposit in 1987 new interest was developed in the area. Brewery Creek consists of eight zones defining the main reserve trend. Mineralization is hosted by sedimentary rock adjacent to and within intrusive sills of the Tombstone suite occupying thrust faults and normal listric faults. North of the main reserve trend mineralization in the recently identified North slope zone is entirely sediment hosted and has been termed 'Carlin-like'. With current reserves of 17.1 million tonnes grading 1.45 g/T gold, Viceroy's mine is the first heap leach open pit gold mining operation in the Yukon.

Previous exploration of the main claim block was focussed on two separate areas, the Bear and Ridgway prospects identified for their coincident airborne magnetic geophysical and regional stream sediment geochemical anomalous responses. One prospect has returned values as high as 10g/T Au. The bulk of the claims remained unexplored until reconnaissance exploration was conducted in 1996

The project area lies within the Selwyn Basin, northeast of the Tintina Fault. Located between the Robert Service Thrust and the Tombstone Strain Boundary the claims are underlain by sedimentary rock of Cambrian through Devono-Mississippian age. West-northwest and east-southeast trending folds and associated thrusts have deformed these lithologies. Subsequently these rocks have been intruded by granitoid members of the Tombstone Plutonic Suite.

Tombstone intrusions define a belt that extends from Tungsten in the Northwest Territories to the Fairbanks District in Alaska and is noted for its potential to host intrusion related gold deposits. The Fort Knox, Brewery Creek, and Dublin Gulch deposits are currently being mined or developed. The Oki-Doki project area partially encloses Brewery Creek to the north and east and extends to the southeast following the regionally documented trend of Tombstone Intrusions and gold prospects from Antimony Mountain in the west to Red Mountain –Clear Creek in the east. The area distribution of the project blocks has the potential for the discovery of additional gold prospects.

The 1997 program consisted of property-wide silt and soil geochemistry, prospecting, mapping and total airborne geophysical surveys over the main block and reconnaissance stream sediment sampling of newly acquired ground. Over twenty-four Au in silt and soil anomalies were identified. Of these six are multi-station multi-drainage anomalies with accompanying elevated pathfinder, As,Sb,Hg values. These four element anomalous areas are coincident with geophysically interpretted structural and intrusive features.

Additional work in the form of gridded soil geochemistry, induced polarization, trenching, and subsequent drilling of enhanced targets concurrent with first phase exploration of the new blocks is recommended.

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1.0 INTRODUCTION

1.1 AREA HISTORY

In 1896, the discovery of placer gold in the Klondike near Dawson City sparked one of the last world famous gold rushes, which produced millions of recorded ounces. Today, in the Dawson City region, approximately 100,000 to 200,000 ounces of placer gold are still recorded every year from small hydraulic placer mining operations. Placer activity ultimately led in to regional exploration for lode sources of the gold.

The Index prospect is located sixty kilometres east of Dawson and twenty-five kilometres north of the Brewery Creek deposit. Gold bearing stibnite quartz veining was first discovered in 1916. The veining is hosted by sedimentary rock near the margin of the Antimony Mountain syenite intrusion. The prospect has seen intermittent exploration to present day and has returned assays as high as 30g/t Au (Minfile 116B 001). The Index was the first of a number of intrusion related Au prospects to be identified in a belt of occurrences that extends from Antimony Mountain in the northwest to Red Mountain in the southeast. (Figure 7)

In 1987, Noranda Exploration Ltd. staked a weak regional aeromagnetic anomaly coincident with regional stream sediment samples that were anomalous in gold and mercury. Between 1988 and 1995 exploration efforts led to the discovery of the Brewery Creek deposit, outlining reserves in eight zones over a strike length of 12 km. During this time property ownership transferred to Hemlo Gold and then Loki Gold Corporation which subsequently merged with Viceroy Resources. Mineralization occurs primarily in oxidized Tombstone Suite intrusive sills, hosted by thrust and steep faults developed in sedimentary rock of the Earn and Road River Groups (Diment,1996). The Brewery Creek Gold Mine began producing gold in 1996 and currently has proven reserves of 17.1 million tonnes grading 1.45 grams gold per tonne, equivalent to 790,000 ounces (Robertson, 1997). Production costs for the first three quarters of operation averaged $200 per ounce. Brewery Creek is the Yukon's first heap leach operation and the territory's largest open pit gold mine (Thorstad, 1997b)

1.2 CURRENT ACTIVITY

Activity in the Brewery Creek area is ongoing. In 1996 Orinoco Gold Inc conducted a trenching and drilling program on their Panorama Ridge property that borders the Oki-Doki main block to the southeast and is due east of the Brewery Creek trend. Of eight holes drilled one, Drill Hole #7, provided economic grades of 2.5g/T Au over a 30-foot interval between 40 and 70 feet of depth. Trenching near this drill hole provided 8.4g/T Au over 10 feet (Neugebauer, 1996).

To the north of the Oki-Doki main block , Homestake Canada acquired ground late in 1997 in the Mike Lake area to explore for Brewery Creek style Tombstone hosted mineralization.

At Brewery Creek, Viceroy Resources spent US$1.7million on property exploration in 1997. Trenching of the East Big Rock and West Big Rock Zones has returned 2.4g/T Au over 13 metres and 1.0g/T Au over 16 metres, respectively, defining a parallel mineralized sill to the main oxide deposit. Drilling of the North Slope Zone has returned

grades of 3-4g/T Au over 4-6 metres defining sediment hosted mineralization one kilometre north of the intrusive hosted main reserve trend. Within the main mineralized trend the company continues to outline new reserves (Thorstad, 1997b)

Viceroy has also signed an accord with the local native group gaining the right to explore the mineral potential of First Nation's land on Reserves 2 and 7., adjacent to the mine property (Robertson, 1997)

MDRU/UBC, the Mineral Deposit Research Unit based at the University of British Columbia, has completed the second year of a three year study of the metallogeny of Tombstone Suite hosted deposits sponsored by 19 industry subscribers.

1.3 LOCATION AND ACCESS

The Oki-Doki Project area claims plot on NTS map sheets 115P/13,14,15, 116A/2,3,4,5, and 116B/1,2 and are within the Dawson and Mayo Mining Districts.

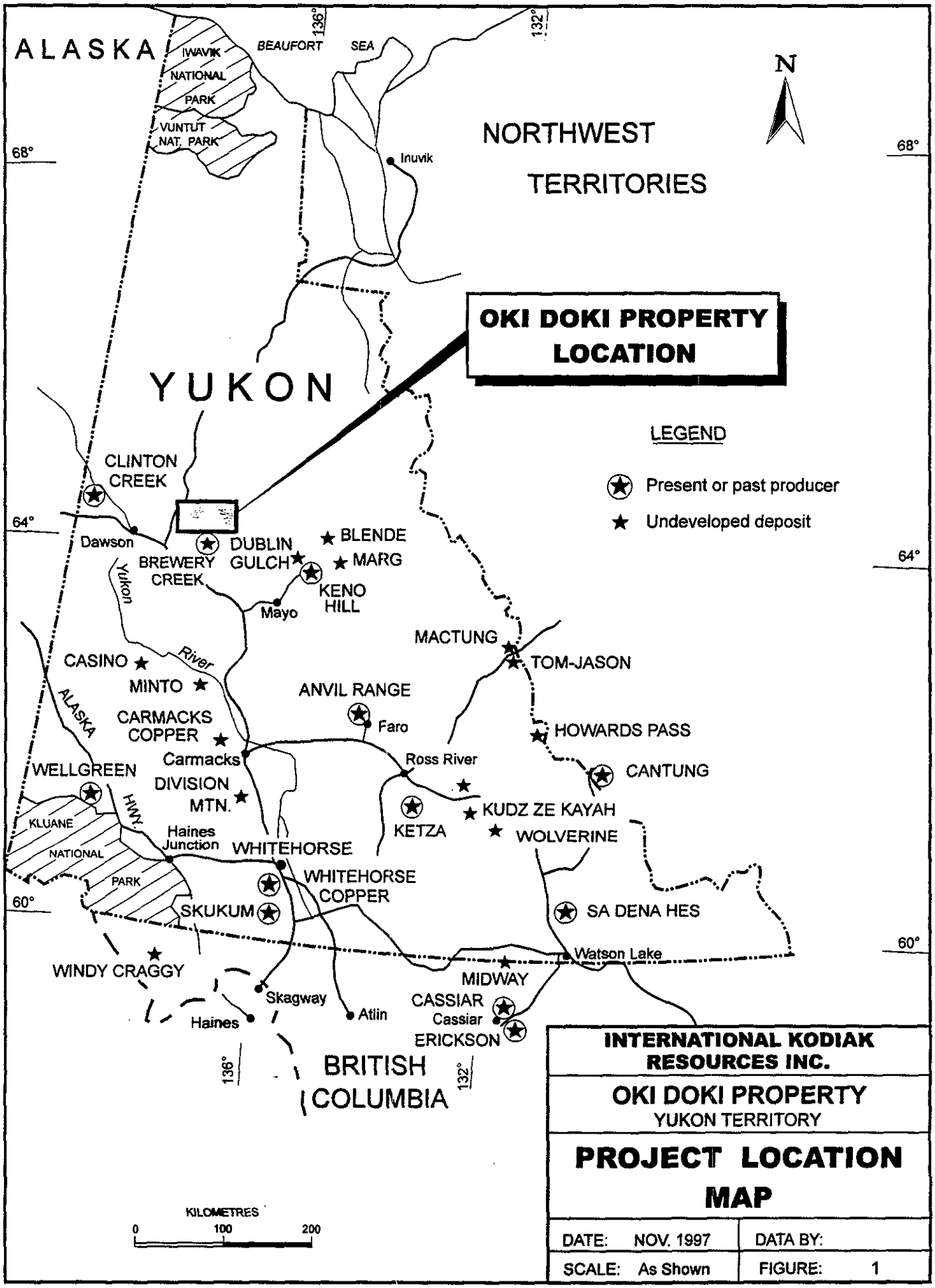
Bordering the Brewery Creek deposit to the north and east, the Oki-Doki project area main block claims are located approximately 67 kilometres east of Dawson City, Yukon Territory .The center of the block is located at 64° 08' north latitude and 138° 12' west longitude on the Lee Creek , NTS map sheet 116B/1.

Access to the property boundary and camp from Dawson City is by paved road east along the Klondike Highway #3 for approximately 45 kilometres then north along the Dempster Highway #5 (hard pack gravel road) for about 27 kilometres. An access road runs east 3 kilometers into property limits to a camp on the west bank of the North Klondike River. From this point a helicopter is used to access the property. To date, no roads have been constructed on the Oki-Doki property but at the adjacent operating Brewery Creek Gold Mine numerous roads exist, several of which are close to the property boundary.

Dawson City is Yukon's second largest city, and most services are available for the mining sector. Whitehorse, the capital of Yukon, is about 536 km southeast of Dawson City via the Klondike Highway and approximately one hour away by air. (Figure 1)

1.4 PHYSIOGRAPHY, AND CLIMATE

The Oki-Doki Project area is on the western slopes of the Ogilvie Mountains and adjacent to the Tintina Trench to the southwest. Topography on the claims is generally moderate, with steeper slopes locally. Elevation ranges from 2000 feet on East O'Brien Creek to 5500 feet in the northeast end of the main block. Outcrop exposure is generally limited and is most common along steep slopes, ridges and creeks. This part of the Yukon was subject to weak localized glaciation. There are weak to no glacial till sheets to mask geochemical responses. Broad river valleys and steep rolling hills are common topographic features. In the surrounding region deposits of loess (wind blown silt of glacial origin) are known to reach thicknesses of approximately 20 metres (Diment, 1996). Loess will mask geochemical responses where it is thick.



INTERNATIONAL KODIAK RESOURCES INC.	
OKI DOKI PROPERTY YUKON TERRITORY	
PROJECT LOCATION MAP	
DATE: NOV. 1997	DATA BY:
SCALE: As Shown	FIGURE: 1

Vegetation changes depending on the elevation and direction of slope. At low elevations, near drainages, spruce and pine are most common with occasional birch and cottonwood. At higher elevations willow, poplars, stunted conifers, grasses and buck brush are prevalent generally on south facing slopes. North facing slopes generally consist of moss and scrub alder with buck-brush.

The climate in the project area is sub-arctic typically with short cool summers, with warmer periods occurring from July to August, and long cold winters. The summer season occurs between June and September with 24-hour daylight in the third week of June. Summer temperatures range from 20-30° Celsius. Winter temperatures range from 0°C to as low as -50°C. Precipitation is generally low in the region with dry summers and moderately wet falls. Snowfall is variable. Accumulation is greatest on north facing slopes and within drift filled draws and drainages but in general averages one meter

1.5 OWNERSHIP

The Oki-Doki Project area comprises seven property blocks. These blocks consist of the Oki, Doki, Smoki, Karl, Lokey, Ob, Axis, Bo, Eagle, Goshawk, Bald, Golden, Wow, Bulsi, Good News, Yes, On, Bonus, Loki, MLN, and Ant claims (Figure 2). Collectively there are 3254 claim units covering 68,552 hectares. These claims are currently owned and operated by International Kodiak Resources with offices at 1210 – 675 W. Hastings Street in Vancouver, British Columbia.

Application for assessment for work completed as outlined in this report places the main block of claims in good standing until the years 2001 and 2002.

Complete claim information and tenure status for all claims in all blocks is presented in Table 1, Appendix 1

1.6 PREVIOUS EXPLORATION

In 1989 Tombstone Explorations staked the Mik claim over the Ridgeway prospect on a tributary to Lee Creek between Lee and Antimony Creeks. This ground covered a government airborne magnetic anomaly. In the following year the claim was prospected and silt sampled. One silt taken near the southeast edge of the magnetic anomaly was weakly anomalous in gold, copper, zinc and mercury. Placer Dome conducted a brief prospecting and silt sampling program in August of 1992 but their samples failed to return significant values (Yukon Minfile 116B 165).

Noranda Exploration staked the Cub claims covering the Bear prospect in 1990. This area is located in the northeast corner of the main block between East O'Brien and O'Brien creeks. In 1991 the claims were explored through prospecting, mapping, geophysical and geochemical surveys and trenching. Seventy-five metres of veining over a half metre in width were identified, hosted in calcareous siltstone at the margin of a syenite stock. Mineralization consists of arsenopyrite, chalcopyrite and scheelite. One specimen of massive arsenopyrite assayed 10g/T Au (Yukon Minfile 116A 033)

In 1996 Core Explorations contracted Nicholson and Associates to initiate a broad reconnaissance exploration program covering seventeen selected areas between Mayo and Clinton Creek. One area staked as a result of this program became the main block

of the Oki-Doki project and was subsequently optioned to International Kodiak Resources. Within the block four areas of anomalous Au±As±Sb in soil and silt samples were identified. Two of these correspond with the location of the Bear and Ridgway prospects. A third occurs in the southeast corner of the block on a tributary to East O'Brien Creek. The fourth is an area with two east flowing tributaries to O'Brien Creek. (Nicholson, G., 1997)

1.7 OBJECTIVE

Gold occurrences associated with the Tombstone intrusions have been identified since the turn of the century, and are currently being mined or developed at Fort Knox, Dublin Gulch, and Brewery Creek.

The Oki-Doki project properties enclose Brewery Creek to the north and east and follow the regionally documented trend of Tombstone Intrusions and related gold prospects from Antimony Mountain in the west to Red Mountain in the east. The potential for locating additional deposits, of intrusion hosted hydrothermal vein 'Fort Knox', country rock hosted vein, or sediment hosted replacement vein 'Carlin' type signatures, of economic tenure is a realistic possibility.

To this end the 1997 Oki-Doki field program achieved property wide prospecting geochemical and total airborne geophysical surveying on the main block and reconnaissance stream sediment sampling of newly acquired ground.

2.0 REGIONAL GEOLOGY

2.1 INTRODUCTION

The Oki-Doki project area is central to the Dawson-Mayo area. This area lies in part within the Selwyn Basin. The Selwyn Basin forms part of ancestral North America. This region is characterized by deep water offshelf sedimentary strata that are transitional eastward and northward into shelf carbonate and clastic sedimentary rocks of the Mackenzie Platform. To the southwest the Selwyn Basin is separated from volcanic stratigraphy of the exotic Yukon Tanana Terrane by the Tintina Fault Zone (Green, 1972: Poulson, 1997) (Figure 3.1,3.2)

2.2 STRATIGRAPHY

Lithologies within the Selwyn Basin are late Proterozoic to Mississippian in age. Stratigraphy of the Dawson-Mayo area is comprised, in order from oldest to youngest, of Hyland Group, Gull Lake Formation, Rabbit Kettle Formation, Road River Group, Earn Group and Keno Hill quartzite lithologies (Murphy et al, 1997).

Hyland Group

Proterozoic to lower Cambrian in age gritty metaclastic rocks of the Hyland Group can be divided into the Yuseyu and Narchilla Formations. The Yuseyu Formation is a succession of variably deformed fine to coarse grained rocks. Green gray phyllite is most common followed by metasandstone and less common conglomerate and calcareous rock. Rocks of the Narchilla Formation differ only in that they are interbedded with

variegated phyllite. A member of sandy white, gray and tan weathering occurs in the middle of the formation. Both formations are considered to be turbidite successions

Gull Lake Formation

Overlying and in discontinuity with the Hyland Group, the Cambrian Gull Lake Formation consists of four members; a basal mafic volcanic and volcaniclastic member, a quartzite and phyllite member, a phyllite member and a calcareous clastic member suggesting basinal sedimentation characterized by localized rifting progressing into marginal platformal outgrowth.

Rabbit Kettle Formation

Unconformably overlying older lithologies the Cambro-Ordovician Rabbit Kettle Formation forms a prominent laterally continuous white weathering carbonate marker horizon. The limestone is primarily a platy thin to medium marble rock with lesser dolomitic phyllite deposited in a transitional setting.

Road River Group

Overlying the Rabbit Kettle Formation is the Silurian-Ordovician Road River Group. This group is further subdivided into the Duo Lake and Steel Formations. The Duo Lake Formation comprises gray to black to brown, brown weathering, phyllitic shale, cherty shale, chert and rare quartz augen phyllite. The Steel Formation consists of limy mudstone, phyllitic mudstone and siltstone with lesser fine grained calcareous quartz sandstone and thin sandy limestone. This rock is generally massive and distinctively orange weathering. Deposition of both formations was in a deep basinal environment.

Earn Group

The Devono-Mississippian Earn group unconformably succeeds the Road River Group and comprises mostly dark gray to black shale with subordinate and variable amounts of chert, siltstone, sandstone, limestone, bedded barite, chlorite muscovite pyllite and chert pebble conglomerate. Deposition was likely deep marine basin in nature.

Keno Hill Quartzite

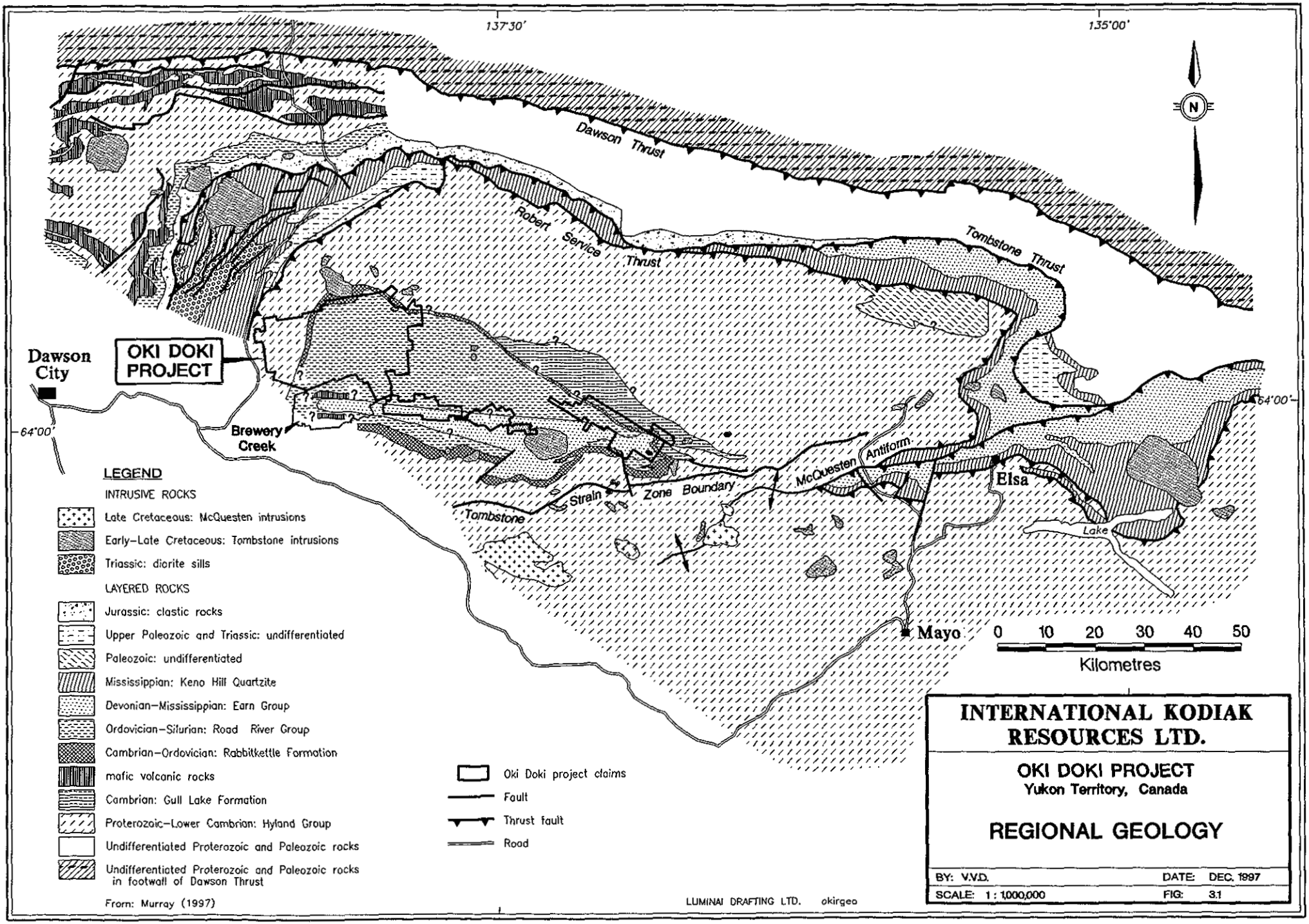
Overlying the Earn Group are massive to well foliated and lineated quartzite units of the Mississippian aged Keno Hill Quartzite.

Younger Rocks

All of the above formations are locally unconformably overlain by undifferentiated Upper Paleozoic to Triassic rocks and Jurassic clastic rocks in the north and northeast limits of the Dawson-Mayo area

2.3 INTRUSIVE ROCKS

Stratigraphy of the area has been interrupted by volumetrically minor mafic sills which intruded Hyland group rocks in the Cambrian and Earn and Keno Hill group rocks during


137°30'
135°00'
64°00'
64°00'
Dawson Thrust
Robert Service Thrust
Tombstone Thrust
Dawson City
OKI DOKI PROJECT
Brewery Creek
Tombstone Strain Zone Boundary
McQuesten Antiform
Elsa
Lake
Mayo
0 10 20 30 40 50
Kilometres
N
LEGEND
INTRUSIVE ROCKS
Late Cretaceous: McQuesten intrusions
Early–Late Cretaceous: Tombstone intrusions
Triassic: diorite sills
LAYERED ROCKS
Jurassic: clastic rocks
Upper Paleozoic and Triassic: undifferentiated
Paleozoic: undifferentiated
Mississippian: Keno Hill Quartzite
Devonian–Mississippian: Earn Group
Ordovician–Silurian: Road River Group
Cambrian–Ordovician: Rabbitkettle Formation
mafic volcanic rocks
Cambrian: Gull Lake Formation
Proterozoic–Lower Cambrian: Hyland Group
Undifferentiated Proterozoic and Paleozoic rocks
Undifferentiated Proterozoic and Paleozoic rocks in footwall of Dawson Thrust
From: Murray (1997)
Oki Doki project claims
Fault
Thrust fault
Road
LUMINAI DRAFTING LTD. okirgeo
INTERNATIONAL KODIAK RESOURCES LTD.
OKI DOKI PROJECT
Yukon Territory, Canada
REGIONAL GEOLOGY
BY: V.V.D.
DATE: DEC. 1997
SCALE: 1 : 1,000,000
FIG: 3.1

the Triassic. During the Cretaceous widespread locally large intrusive bodies of the felsic to intermediate Tombstone and McQueston Suites were emplaced (Murphy 1997).

Tombstone Suite

The Tombstone intrusions consist of two compositional and textural types. Quartz poor to quartz absent massive coarse grained hornblende-biotite syenite, quartz syenite, quartz monzonite, and granite defines one group. A second group is defined by quartz bearing, weakly porphyritic medium to coarse grained granite and granodiorite. The intrusions are variably magnetic with aeromagnetic signatures extending into hornfelsed contact aureoles. Tombstone intrusions occur at all stratigraphic levels in the area defining a southwest trending topographically prominent belt and were emplaced between 90-94 Ma.

McQueston Suite

McQueston intrusions occur in the southern limits of the area defining an east-northeast trending belt and are confined to the Hyland group. These intrusions comprise medium to coarse grained potassium feldspar megacrystic biotite∀muscovite granite and quartz monzonite. The McQueston intrusions were emplaced between 64-67 Ma

2.4 STRUCTURE

Rocks of the Selwyn Basin occur in three tectonic sheets. These are separated by the Dawson, Tombstone and Robert Service low angle thrust faults. The rocks in each sheet are folded into upright to locally inclined, moderate to tight folds. The age of folding is constrained between the Jurassic age of the youngest strata present and the late Cretaceous age of the post deformation granitoid intrusion. This deformation is attributed to north-south shortening associated with terrane accretion.

Northeast trending folds and associated thrusts are associated with the Dawson and Tombstone sheets whereas west-northwest and east-southeast folds are most common in the Robert Service sheet. This regional pattern is disrupted in the south by the east-northeast trending McQueston anticline.

The youngest deformation is attributed to Eocene and younger dextral strike slip motion on the Tintina Fault (Poulson 1997).

2.5 DEPOSIT MODELS

The Tombstone-Tungsten belt, which extends from Tungsten in the Northwest Territories to the Fairbanks district in Alaska is noted for its potential to host intrusion related gold deposits such as Dublin Gulch, Fort Knox and Brewery Creek (Murphy et al,1997) (Figure 5, 6)

At Dublin Gulch an inferred and potential resource of 98.6 MT at1.19 g/T Au has been calculated for the Eagle zone. The Eagle zone is a gold bearing, sheeted quartz vein porphyry deposit hosted by the Cretaceous Dublin Gulch biotite granodiorite stock. Mineralization consists of centimeter wide parallel quartz veins with accessory gold, arsenopyrite, pyrite, pyrrhotite, chalcopyrite, native bismuth, bismuthinite, and scheelite.

These veins are not clustered or associated with distinct shear zones. Potassic and phyllic alteration is developed as vein selvages and becomes pervasive with vein density (Hitchins and Orssich 1996; Smit 1996)

The Fort Knox gold deposit is hosted within the Fort Knox Pluton, a Cretaceous multiphase granitic body. Gold occurs along the margins of stockwork veins and veinlets, quartz filled shear zones and along fractures within the granite. Mineralization is sulfide poor and closely associated with trace amounts of bismuth, tellurium and to a lesser extent with molybdenum and tungsten. Vein controlled weak phyllic, potassic, albitic and argillic alteration is present. Proven and probable reserves based on a cutoff of 0.39 g/T Au are 158.3million tonnes grading 0.83g/T Au (Bakke 1996).

Most , 85%, of the gold mineralization at Brewery Creek is hosted by altered and fractured high level Tombstone intrusions. These Intrusions occur primarily as gently dipping sill like bodies emplaced in a series of imbricate east to east-southeast trending thrust faults. The remaining mineralization is primarily hosted by siliciclastic sediments. Brewery Creek is an example of a 'non carbonate hosted disseminated ,stockwork, and replacement type' deposit . Elevated As, Sb, Hg occur associated with fine grained arsenian pyrite, stibnite and arsenopyrite with quartz primarily in veinlet and breccia zones (Bremner, 1990; Saunders 1991; Diment 1996) (Figure 4).

Sheeted vein and stockwork styles of mineralization dominate at Dublin Gulch and Fort Knox whereas non carbonate hosted disseminated stockwork and replacement accounts for most of the mineralization at Brewery Creek.

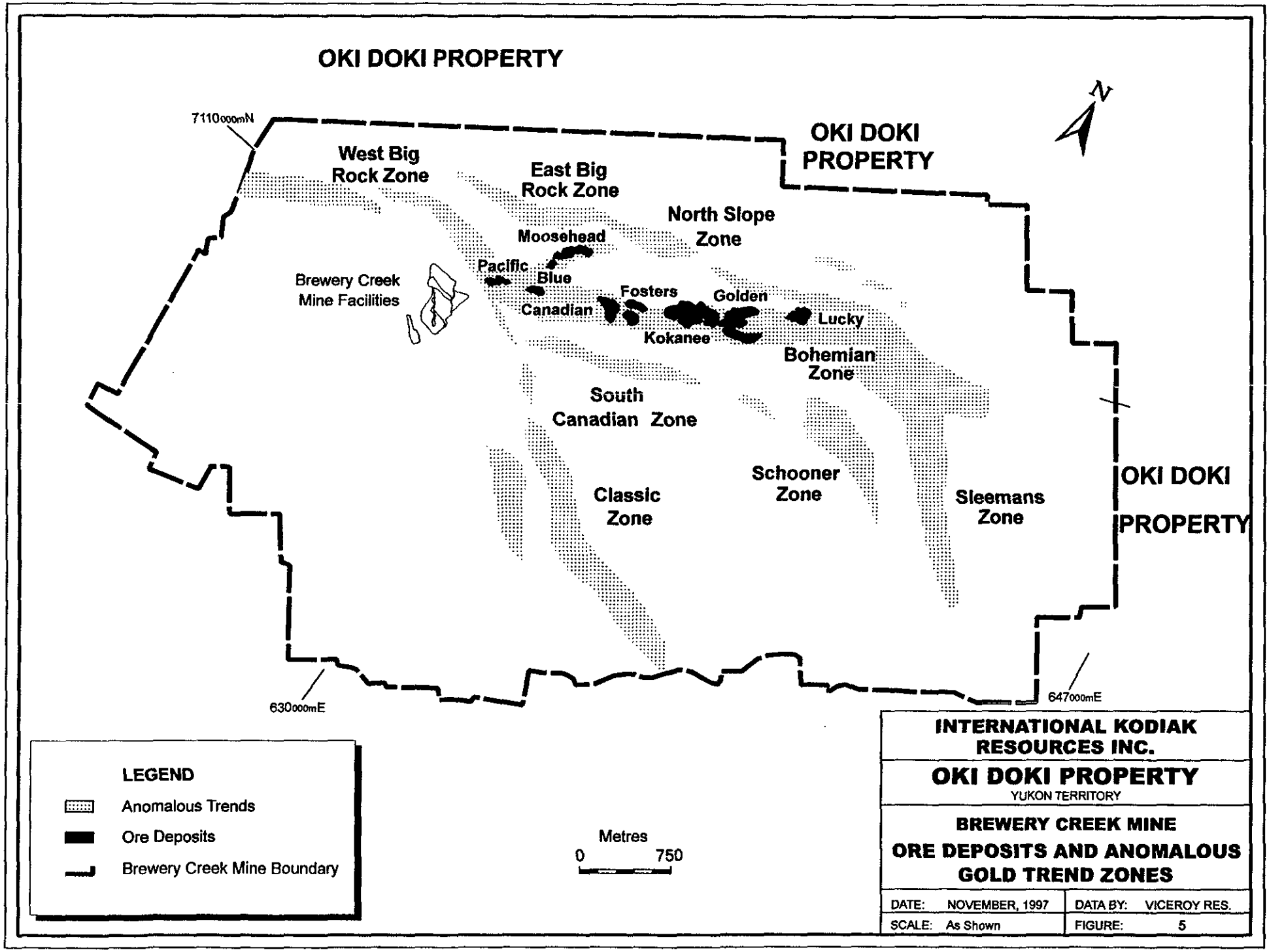
In the Dawson-Mayo area, in addition to these styles of intrusion related gold mineralization examples of gold skarn; carbonate hosted disseminated; and quartz sulfide vein deposits exist.

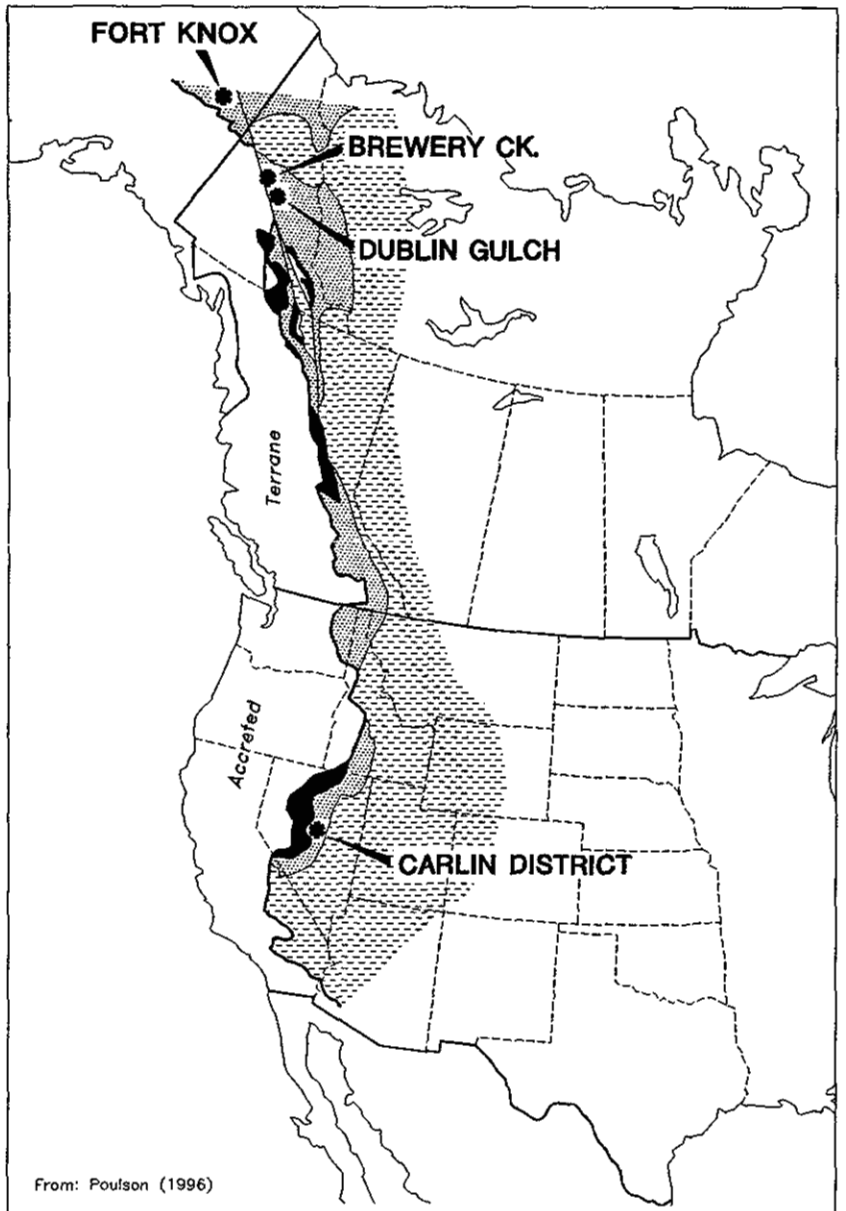
Gold skarn mineralization is present at the Marn deposit adjacent to a dioritic to monzonitic apophysis of the Mount Brenner stock. The occurrence is a scheelite bearing hedenbergitic skarn counting pyrrhotite and chalcopyrite as the dominant sulfide phases. Gold and bismuth were emplaced during late stage alteration.

Carbonate replacement types include manto like prospects such as Lake Creek. Here disseminated to massive arsenopyrite replaces carbonate minerals well away from stocks of the Tombstone Suite but with volumetrically minor porphyry dikes present. Another example of carbonate replacement is the North Slope occurrence at Brewery Creek. This zone is located over a kilometer north of the main trend of mineralization Here gold occurs with stibnite in a siliceous breccia within a fault zone cutting calcareous siltstone of the Steel Formation and has been described as Carlin-like.

Quartz sulfide vein deposits are common and account for many of the early discoveries in the region. Antimony Mountain is just one example. On average the veins are one meter wide, dip steeply and trend east-northeast. Arsenopyrite, and pyrite are the most common sulfide minerals occurring in quartz rich or massive sulfide veins.

All of these styles of mineralization have a spatial association with intrusions of the Tombstone Plutonic Suite, carbonate members of the stratigraphic succession. Structural orientation is predominantly east-west. The suite As-Sb-Hg occurs both proximal and distal to intrusions whereas Bi is diagnostic of proximal deposits

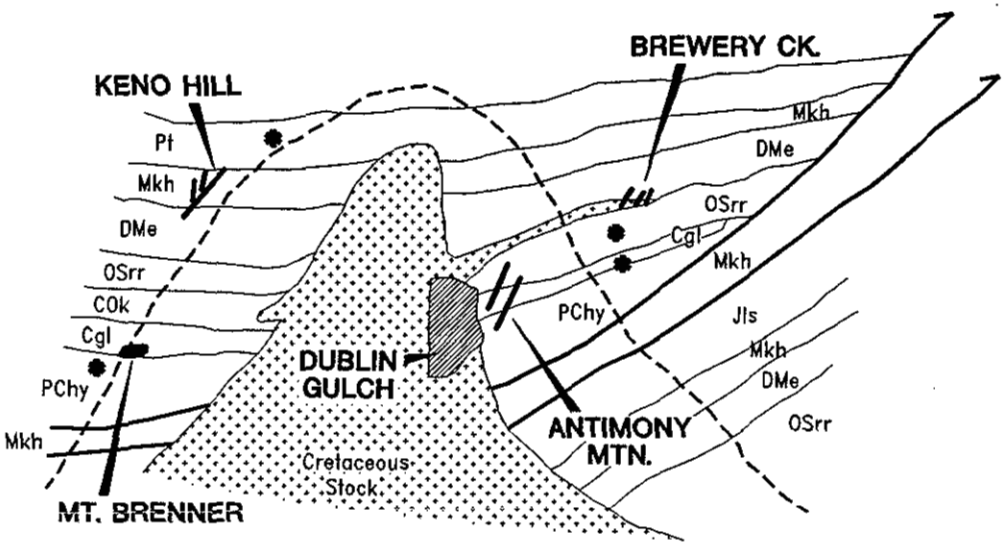

OKI DOKI PROPERTY
7110000mN
OKI DOKI PROPERTY
N
West Big Rock Zone
East Big Rock Zone
North Slope Zone
Moosehead
Pacific
Blue
Brewery Creek Mine Facilities
Canadian
Fosters
Golden
Lucky
Kokanee
Bohemian Zone
South Canadian Zone
Schooner Zone
Classic Zone
Sleemans Zone
OKI DOKI PROPERTY
630000mE
647000mE
LEGEND
Anomalous Trends
Ore Deposits
Brewery Creek Mine Boundary
Metres
0
750
INTERNATIONAL KODIAK RESOURCES INC.
OKI DOKI PROPERTY
YUKON TERRITORY
BREWERY CREEK MINE
ORE DEPOSITS AND ANOMALOUS GOLD TREND ZONES
DATE: NOVEMBER, 1997
DATA BY: VICEROY RES.
SCALE: As Shown
FIGURE: 5



From: Poulson (1996)

ANCESTRAL NORTH AMERICA
LOCATION OF CARLIN DISTRICT, FORT KNOX TYPE DEPOSITS

FIGURE 5



LEGEND

Jls	Jurassic "Lower Schist"
Pt	Tahkandit Fm. (Perm.)
Mkh	Keno Hill Quartzite (Miss.)
DMe	Earn Gp. (Devono–Miss.)
OSrr	Road River Gp. (Ord.–Sil.)
COk	Kechika Gp. (Cambro–Ord.)
Cgl	Gull Lake Fm. (Camb.)
PChy	Hyland Gp. (Late Prot.)

● Possible sites for Carlin-type mineralization

From: Poulson (1996)

GOLD OCCURRENCE MODEL
DAWSON - MAYO AREA

FIGURE 6

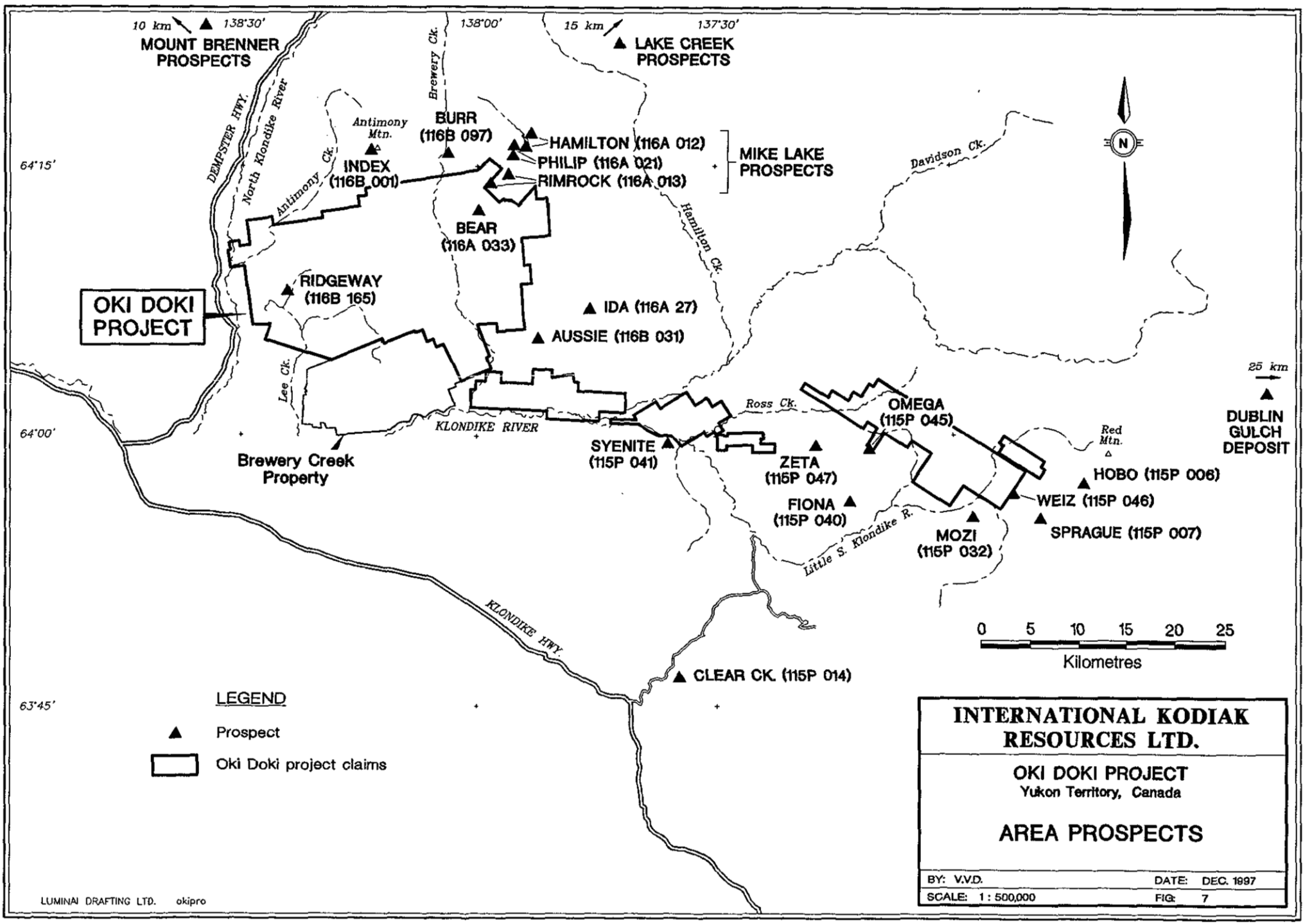
INTERNATIONAL KODIAK RESOURCES LTD.

OKI DOKI PROJECT
Yukon Territory, Canada

FIGURES 5 & 6

BY: V.V.D.	DATE: DEC. 1997
	FIG: 5 & 6

LUMINAI DRAFTING LTD. okimod


10 km
138°30'
MOUNT BRENNER PROSPECTS
138°00'
15 km
137°30'
LAKE CREEK PROSPECTS
DEMPSTER HWY.
North Klondike River
Brewery Ck.
Antimony Mtn.
Antimony Ck.
INDEX (116B 001)
BURR (116B 097)
HAMILTON (116A 012)
PHILIP (116A 021)
RIMROCK (116A 013)
MIKE LAKE PROSPECTS
Davidson Ck.
Hamilton Ck.
BEAR (116A 033)
64°15'
OKI DOKI PROJECT
RIDGEWAY (116B 165)
IDA (116A 27)
AUSSIE (116B 031)
Lee Ck.
KLONDIKE RIVER
Ross Ck.
OMEGA (115P 045)
25 km
DUBLIN GULCH DEPOSIT
Red Mtn.
64°00'
Brewery Creek Property
SYENITE (115P 041)
ZETA (115P 047)
HOBO (115P 006)
FIONA (115P 040)
WEIZ (115P 046)
MOZI (115P 032)
SPRAGUE (115P 007)
Little S. Klondike R.
KLONDIKE HWY.
0 5 10 15 20 25
Kilometres
CLEAR CK. (115P 014)
63°45'
LEGEND
Prospect
Oki Doki project claims
INTERNATIONAL KODIAK RESOURCES LTD.
OKI DOKI PROJECT
Yukon Territory, Canada
AREA PROSPECTS
BY: V.V.D.
DATE: DEC. 1997
SCALE: 1 : 500,000
FIG: 7
LUMINAI DRAFTING LTD. okipro

(Poulsen 1996)

Other styles of mineralization that occur within the Dawson-Mayo area are Pb-Zn-Ba sedimentary-exhalative deposits and Ag, Pb, Zn veins hosted by Neoproterozoic-paleozoic sedimentary strata.

2.6 AREA PROSPECTS

The Oki-Doki project area extends from Antimony Mountain in the northwest to Red Mountain in the southeast. Adjoining the Brewery Creek mine property to the north and east the Oki-Doki main block encompasses two areas of previous work. These are the Ridgway and Bear prospects. Immediately adjacent to the claims are the Index, Burr, Hamilton, Philip, Aussie and Ida prospects. Peripheral to the new blocks are the Syenite, Fiona, Mozi, Sprague, Weiz, Hobo, Zeta, and Omega prospects (Figure 7).

The bulk of these showings are east-west oriented Au bearing vein systems hosted at or near the interface between sedimentary rock and Cretaceous syenite intrusions. The exceptions are the Omega and Zeta prospects which are, respectively, bedded barite and argentiferous galena vein occurrences.

3.0 EXPLORATION PROGRAM

3.1 SCOPE OF PROGRAM

The 1997 Oki-Doki project exploration program was conducted by Nicholson and Associates under contract to International Kodiak Resources between August 14th 1997 and October 21st 1997.

This program involved stream sediment sampling of secondary drainages, soil sampling of the drainage divides, prospecting of available outcrop, and reconnaissance mapping at 1:20,000 of the main block. Anomalous results as they were returned were subject to preliminary follow-up evaluation. During September a total airborne geophysical survey was flown over the main block.

In September and October additional blocks of ground were staked on favorable regional geological and geophysical trends to the south and east of the main block. Reconnaissance silt sampling of the main and larger secondary drainages was conducted on the newly acquired claims

3.2 LOGISTICS

Work was carried out by an average crew complement of eighteen. The program was helicopter supported from a road-accessed camp located in the Axis claims at the western limit of the main block property.

3.3 SURVEY CONTROL

Traverse line, start and end points were located by tie in to recognizable topographical features and GPS checked. Lines either followed water courses or were compass oriented. Distances along traverse lines were measured by hip chain.

3.4 SAMPLING

Silt and soil samples were collected at 50 meter interval stations on stream and ridgeline traverses. Selected anomalous silt results were followed up by detailed soil and/or auger sampling. Fifty meter spaced soil sampling micro-grids were established adjacent to and above the anomalous stations. Grab, chip, float and talus fine rock samples were collected on mapping, prospecting, geochemical, staking and follow-up traverses. The project main block was divided into five sample areas designated A,B,C,D,E and the new blocks were designated area 'G'. Sample locations were field plotted on NTS NAD '27 Zone 7 and 8 series maps and subsequently transferred to reconciled digitized zone 7 maps (Figures 8,11,12).

3.5 ANALYTICAL PROCEDURES

A total of 8,664 samples were collected. Of these 6276 were stream sediment, 1082 were soil, 37 were auger, and 1269 were rock samples. Samples were shipped to either International Plasma Labs in Vancouver or Chemex Labs in North Vancouver. Geochemical samples collected were placed in Kraft bags and dried prior to shipping then screened to –80 mesh. Rock samples were crushed to –10 mesh, split, and then pulverized to –150 mesh. All samples were subjected to standard 30 element ICP analysis. Hg values were determined by cold vapor/ atomic absorption. Au values were determined by atomic absorption with a fire assay finish (Appendix 6).

3.6 GEOPHYSICAL SURVEY

S.J.V. Consultants was commissioned by Kodiak to interpret 2500 survey kilometres of preliminary airborne magnetic and gamma ray spectrometry data. The survey was flown by Sander Geophysics under the direction of the Geological Survey of Canada.

The survey was flown in an Aerospatial AS350D Astar helicopter at an average terrain clearance of 120 meters and an average speed of 120 km/hr. Flight lines were run north south at a nominal spacing of 250 meters.

Geophysical equipment included a Geometrics G-822A cesium vapour magnetometer, which measured total field magnetic intensity and an Exploranium GR820 gamma ray spectrometer which recorded potassium, thorium, and uranium. A GPPSNAV microcomputer based GPS navigation system recorded flight line positioning (Appendix 7)

4.0 PROPERTY GEOLOGY

4.1 INTRODUCTION

The Oki-Doki project main block is underlain by rock of Earn, Road River and Hyland Group lithologies. Early to Late Cretaceous intrusive stocks, dykes and sills intrude the fine to coarse grained sedimentary rocks (Figure 8).

4.2 LITHOLOGY

The main block of claims is underlain mostly by a thick succession of sedimentary rocks of the Road River Group. These sedimentary rocks can be subdivided into the Duo Lake Formation consisting of shale, argillite and chert; and the Steel formation consisting of siltstone and mudstone. The northeast and northwest parts of the main claim block are underlain by the Hyland Group consisting of quartzite, sandstone, quartz-pebble conglomerate and chert. Since much of the Oki-Doki property north of Viceroy's Brewery Creek Mine is covered by overburden, and only selected areas were geologically mapped it is not known if the Earn Group sediments outcrop to the north. However, just east of the Brewery Creek Mine Property Earn group sandstone outcrops in the Oki-Doki property.

4.3 INTRUSIVES

A number of intrusive plugs, dykes and sills were encountered on the property. The composition of these intrusives in decreasing order of incidence is granodiorite-monzonite, diorite, feldspar-quartz porphyry, and andesite.

Felsic Plutonic Rocks. These range from granodiorite to quartz monzonite and are typically medium to coarse grained, although fine grained textures have been observed in places. The main mafic mineral in these plutons is biotite, and commonly occurs as biotite porphyry. Hornblende is less common. These rocks occur as typical plutons, up to several hundreds of meters in extent, and are generally fresh, unaltered. some dykes have been observed as well. These plugs are more common in the E block and adjacent to the newly staked Wow claims in the northern and eastern part of the main block of claims.

Medium to Coarse Grained Diorite. These rocks usually occur as dykes and sills up to 100 meters in width or more. the predominant mafic mineral is biotite, with minor hornblende. Unlike the more felsic intrusives, these dykes are more commonly equigranular. These rocks are also mostly unaltered. They locally contain up to 2% fine disseminated pyrite, which is sometimes oxidized, resulting in mild gossans. These dykes may coincide with magnetic anomalies from the airborne survey.

Feldspar ± Quartz porphyry. These intrusions occur as small plugs, dykes and sills? up to 30 meters in width. Phenocrysts range to 15% coarse angular to sub-rounded or fragmented feldspar up to 4mm in size, and up to 5% rounded to sub-rounded quartz up to 2mm in size, in a fire grained to aphanitic tan to pale gray-brown matrix. These rocks generally contain up to 2% disseminated pyrite. One dyke or sill, located in the northeast end of the E block, had trace disseminated pyrrhotite, chalcopyrite and arsenopyrite. The feldspar phenocrysts and the pyrite are often leached out and replaced by limonite. Manganese oxide is common in fractures. This unit most closely resembles descriptions of intrusive rock observed at Brewery Creek

Numerous irregular andesitic dykes with various textures have been noted at various locations. They are generally narrow, less than one meter in width, limited in extent, and appear to be unmineralized and unaltered.

4.4 STRUCTURE

Topographic lineaments define a trellis pattern characteristic of fold and thrust terrane. Prominent lineaments occupied by major drainages trend east-west parallel to the orientation of regional fold axes and thrust faults, and north-northwest parallel to the orientation of regional strike slip faulting. From Landsat imaging additional northwest and northeast lineaments are apparent (Figure 9).

Bedding orientations observed across the property are east-west striking and moderate dipping. Reversals in dip direction suggest that the axes of at least two antiformal folds could be traced across the property.

Orientations for veins bearing mineralization are east-west trending and steeply south dipping. This is in agreement with similar regionally documented occurrences.

4.5 MINERALIZATION

Sulfides observed on the claims occur as disseminated or interstitial filling mineralization, polymetallic mineralization associated with quartz calcite veining within shear zones, and polymetallic mineralization associated with quartz calcite veining within hornfelsed zones.

Disseminated mineralization is common in all rock types. Very fine grained to coarse euhedral pyrite, likely diagenetic in origin, ranges in abundance up to 5% and through weathering generates numerous gossans on exposed rock surfaces. Pyrrhotite up to 2%, trace chalcopyrite, and arsenopyrite occur as interstitial fillings likely haloing larger intrusive bodies.

Polymetallic mineralization, hosted in fault and shear controlled quartz ± calcite veins, occurs at several locations. Minerals include: pyrite up to 5% occurring as pods, blebs up to 5mm, and disseminations; pyrrhotite up to 3% occurring as small blebs up to 2mm; arsenopyrite up to 3% occurring as euhedral laths up to 1mm; chalcopyrite up to 2% occurring as blebs up to 3mm; trace chalcoate occurring as small specks; trace bismuthinite occurring as small specks.

Polymetallic mineralization associated with veining in a zone of hornfelsing and silicification was observed in one locality at the contact between biotite granodiorite and sedimentary rock composed of argillite, siltstone, and fine quartzite. This zone is expressed in a talussed slope covering an approximate area of 50 by 100metres. About 20-25% of the debris is made up of quartz-carbonate vein and hornfelsed rock material. This material contains up to 10% galena, 1%chalcopyrite, and minor tetrahedrite.

Quartz and carbonate veining occurs in all rock types found on the property as individual veins, stockworks, and vein breccias.

The most common form of veining is as quartz stockwork. Veins range up to 5cm in width with vein densities up to 15%. These veins are generally unmineralized but can carry 1-2% fine pyrite and minor pyrrhotite.

Quartz-calcite-ankerite veining occurs in areas of faulting with developed carbonate alteration zones. The veins are commonly brecciated. Widths rarely exceed 30 cm and are generally barren of mineralization.

Quartz-calcite veins occur in fault and shear zones with associated silicification, bleaching and propylitic alteration. Quartz textures vary from milky to chalcedonic to saccharoidal to vuggy and drusy. Veins widths range up to one meter and can carry mineralization.

5.0 EXPLORATION RESULTS

5.1 GOVERNMENT SURVEYS

5.1.1 Silt Geochemistry

The Oki-Doki main block and Brewery Creek properties are underlain almost exclusively by Silurian-Ordovician Road River Group and Devonian-Mississippian Earn Group lithologies interrupted by Tombstone and McQueston suite intrusive bodies.

Within these property and geological areas government surveyors (Friske 1990,1991) collected a sub population of 59 samples (Figure 10). Statistical parameters generated for this reduced population, for the elements Au, As, Sb, Hg, are presented in the following table

TABLE XX	90^{th} percentile	95^{th} percentile	$X+\sigma$	$X+2\sigma$
Au	24ppb	28ppb	18	26ppb
As	29ppm	35ppm	29	43ppm
Sb	8ppm	9ppm	7	10ppm
Hg	303ppb	312ppb	291	442ppb

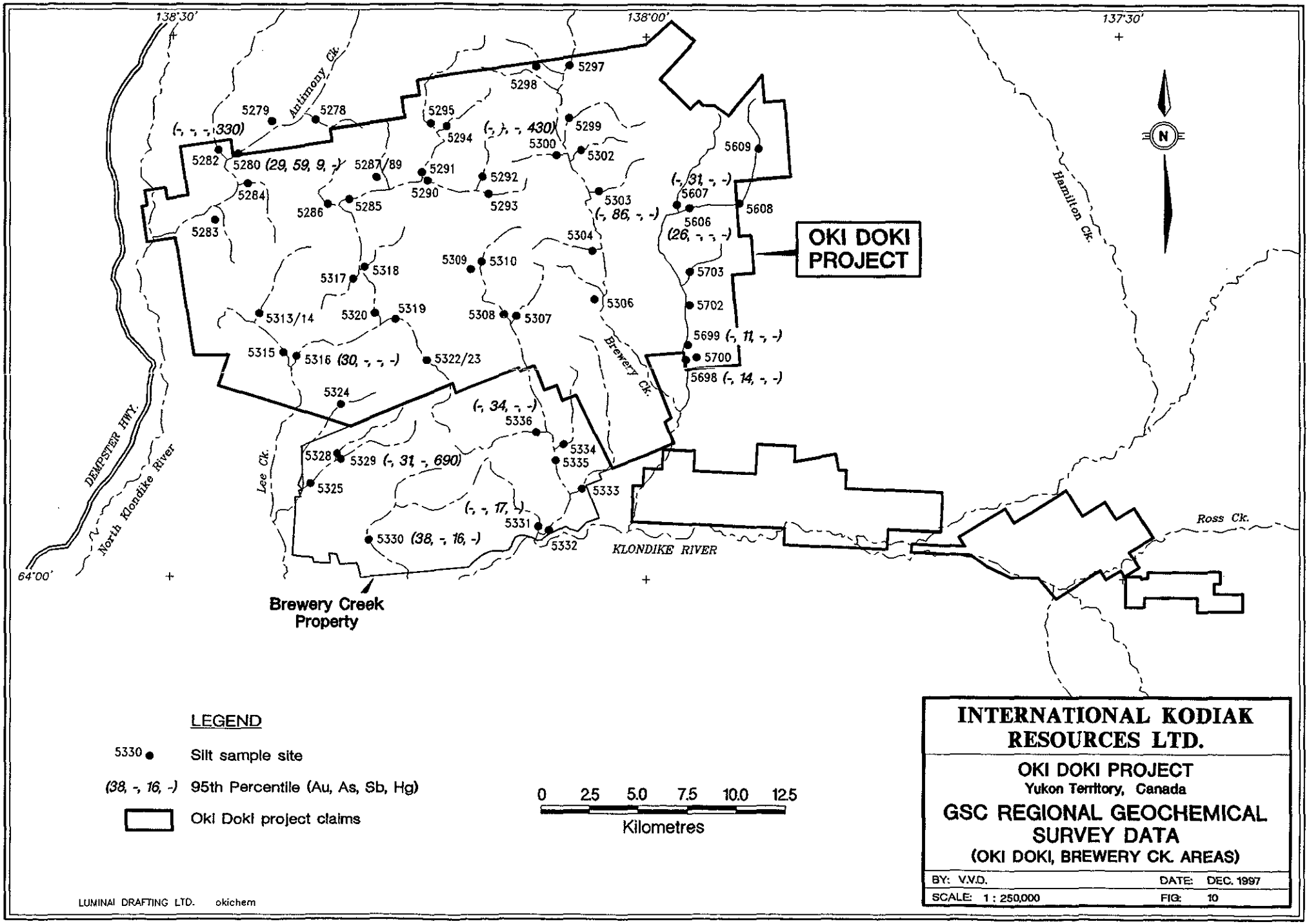
Of the samples taken on the main block nine samples are anomalous for one or more of the four pathfinder elements identifying four drainages as target areas: East O'Brien, O'Brien, Lee, and Antimony Creeks. The latter anomalies are located on the property boundary and likely reflect mineralization from upstream prospects.

5.1.2 Moss mat geochemistry

A moss mat-stream sediment geochemistry survey (OF 1996-4T) on Laura creek in the Brewery Creek Mine area studied comparative results and relative dispersion trains between moss mat fine sample fractions, -53 microns, and traditional stream sediment samples. Samples were collected from sites at progressive distances downstream of the Canadian Zone.

Table XX: Au values for conventional stream vs. moss mat mediums				
Distance km	0	1.5	3	8
Conventional	187ppb	32ppb	5ppb	1ppb
Moss Fines	126ppb	79ppb	22ppb	30ppb

This survey demonstrated that the conventional silt has a higher Au value near source while the moss mat fine fraction has a much longer dispersion train. This trend was also observed for the elements As, Sb, Hg (MacKay 1996)


138°30'
138°00'
137°30'
64°00'
Antimony Ck.
Hamilton Ck.
Brewery Ck.
Lee Ck.
Ross Ck.
DEMPSTER HWY.
North Klondike River
KLONDIKE RIVER
N
OKI DOKI PROJECT
Brewery Creek Property
5279
5278
5297
5298
5295
5294
5299
5300
5302
5609
5607
5608
5606
5703
5702
5699
5700
5698
5282
5280
5287/89
5291
5290
5292
5293
5303
5304
5284
5286
5285
5283
5309
5310
5317
5318
5306
5313/14
5320
5319
5308
5307
5315
5316
5322/23
5324
5336
5334
5335
5328
5329
5325
5333
5331
5330
5332
(-, -, -, 330)
(-, -, -, 430)
(29, 59, 9, -)
(-, 31, -, -)
(-, 86, -, -)
(26, -, -, -)
(-, 11, -, -)
(-, 14, -, -)
(30, -, -, -)
(-, 34, -, -)
(-, 31, -, 690)
(-, -, 17, -)
(38, -, 16, -)
LEGEND
5330 ● Silt sample site
(38, -, 16, -) 95th Percentile (Au, As, Sb, Hg)
Oki Doki project claims
0 2.5 5.0 7.5 10.0 12.5
Kilometres
INTERNATIONAL KODIAK RESOURCES LTD.
OKI DOKI PROJECT
Yukon Territory, Canada
GSC REGIONAL GEOCHEMICAL SURVEY DATA
(OKI DOKI, BREWERY CK. AREAS)
BY: V.V.D.
DATE: DEC. 1997
SCALE: 1 : 250,000
FIG: 10
LUMINAI DRAFTING LTD. okichem

5.2 PROPERTY GEOCHEMICAL SURVEYS

Over the Oki-Doki main and extension blocks 7358 geochemical samples were collected (Figures 11,12). Of these, 6276 were detailed and reconnaissance silt samples. The remaining 1082 samples were soils collected from ridge line traverses or soils within drainages adjacent to stream survey locations were sediment samples were not attainable. These two populations have been individually grouped allowing for separate statistical parameters to be established.

5.2.1 Silt Geochemistry

Stream sediment geochemical descriptive statistics for Au, As, Sb, Hg are presented in the following table

TABLE XX	90^{th} percentile	95^{th}percentile	X+σ	X+2σ
Au	11	17	19	33
As	21	39	302	564
Sb	4	7	9	16
Hg	450	583	495	759

5.2.2 Soil Geochemistry

Prior to calculating final statistical limits for soil samples extremely anomalous values for Au and As were removed. These values correspond to sample 19ESS0039 with 1620 ppb Au, >10,000 ppm As and sample 4ESS0258 with 2460 ppb Au, and 158,718ppm As. The resulting statistical parameters for soils are presented in the following tables.

TABLE XX	90^{th} percentile	95^{th}percentile	X+σ	X+2σ
Au	15	23	27	48
As	**39**	169	359	666
Sb	5	10	90	172
Hg	558	810	587	907

Values equal or greater to the 95^{th} percentile for the four elements are plotted in Figures 11.1,11.2,11.3,11.4. All As values plot within area 'E' as such the base plotting value for As was reduced to the 90^{th} percentile.

5.2.3 Evaluation

For the pathfinder elements a reasonably close correlation exists for Au in silts between government and company surveys. All other values from company surveys are elevated. This is likely a function of survey limits in that government samples were collected from primary drainages whereas company samples were collected from secondary and tertiary drainages. As such, dispersion from source is reflected.

Soil values are elevated compared to silt values indicating more proximal derivation from source material.

Comparison of plots of 95th percentile results for the pathfinder elements indicate a close correlation between Au and Hg values and between As and Sb values. In total there are 43 areas of significant Au response. Fifteen of these are point or single station Au∀Hg anomalies Of the remaining twenty- eight multistation and/or multidrainage anomalies half have Au,∀As,∀Sb, Hg signatures. Six of these are anomalous for all four of the pathfinder elements. These six multielement anomalies are grouped in three areas: along the southern boundary of the claims adjacent to the Brewery Creek property; in the northeast corner of the property; and central to the claims. The northeast multielement anomaly is the only one that is accompanied by elevated Bi values.

Half of the anomalies, mainly the point and single drainage-multistation anomalies define source areas of limited extent. The size of these anomalies ranges from one tenth to one half of a square kilometer. The multistation/multidrainage anomalies define larger potential source areas that vary in size from one to over five square kilometers. Several of the larger anomalies in the northeast and along the sourthern boundary are open ended and extend off the claims onto ground held by Tombstone and Viceroy respectively.

5.3 ROCK ASSAYS/ THIN SECTIONS

Although outcrop is limited to less than 10% of the property area, a total 1,269 rock samples were collected and submitted for analysis. Of these 24 specimens were selected for thin section (Figure 8).

5.3.1 Assays

Of the rocks collected fourteen returned values greater than 100ppb Au. Eleven of the samples are from Area 'E' and correspond to the area of the Bear prospect and off the edge of the property with the Rimrock prospect. Two of the samples are from Area 'A' within the vicinity of the Ridgeway prospect. One sample is from D block and one sample from B block. All of these samples correlate with geochemically anomalous areas of soil and/or silt response.

Of these samples five returned values greater than 500ppb Au. These are presented in the following table with corresponding As, Sb, Hg and Bi values.

Sample	Au ppb	As ppm	Sb ppm	Hg ppm	Bi ppm
19ER0027	4000	>10,000	2850	1230	852
3AR0235A	895	1065	10	3650	<2
4ER0259	830	25,7308	931	245	180
2ER261	666	<5	<5	985	<2
21ER011	540	1788	5	10	<2

In general a strong correlation exists between significant Au values and elevated As, Sb, Hg and Bi values.

5.3.2 Thin Sections

Thin sections of specimens collected from mineralized areas were selected for extent of alteration and mineralization as well as to determine the mineralogy of intrusive rocks. Sedimentary rocks are either quartz – clay altered brecciated quartzite and quartz pebble conglomerate or carbonatized – silicified - tremolite bearing hornfels. Intrusive rocks are variable clay - chlorite - silica - carbonate - muscovite altered biotite - hornblende hypidiomorphic and feldspar porphyhritic quartz monzonite. Clay present occurs as low temperature kaolinite and polymorph higher temperature dickite . Vein material is generally vuggy and comprised of quartz∀ankerite∀ calcite with sphalerite, arsenopyrite, pyrrhotitie, chalcopyrite, pyrite, and secondary hematite – goethite and jarosite. Full petrographic descriptions are presented in a supplementary report (Appendix 5)

5.4 Airborne Geophysics

Main Block

Magnetic data from the airborne survey over the main block outlines several intrusive bodies and a number of faults, contacts and structural trends. The radiometric data outlines several lithological units and possible alteration zones (Appendix 7).

Intrusive bodies are primarily restricted to the north half of the claims. Two large bodies correlate with the Antimony Mountain and Mike Lake prospects. Two parallel series of narrow sills or dikes associated with thrust or shallow dipping structures extends across the northern limits of the block to a group of small plugs near the eastern boundary. One large outlier plug occurs in the southeast limits of the block possibly related to the Panorama Ridge intrusion to the south. Several small plugs in the western end of the property fall in the vicinity of the Ridgway prospect. Five of these have related anomalous Th/K ratio anomalies. The southern half of the block is both magnetically and radiometrically quiet.

New Blocks

The On/Golden/Goshawk claims centrally surround a strong circular magnetic high flanked by areas of anomalous Th/K. Northen limits of the block enclose part of a narrow linear magnetic feature.

The On/Eagle claims display two northeast trending structures of potential interest. Within the southern limits a low Th/K anomaly falls on an inferred geological contact.

No strong geophysical anomalies are mapped within the Bald claims. The southeast corner of the block is underlain by a portion of the Syenite Range Stock, but this extensive body is without associated radiometric anomalies.

On the Bonus claims radiometric signatures around the Hobo stock at the east end of the block likely reflect alteration zones. Two discontinuous anomalies in the bottom south east area of the block could represent alteration along an intrusive sill. Several northeast trending faults could also be of potential interest.

6.0 DISCUSSION

Detailed geochemical, prospecting, and mapping surveys of the main block and reconnaissance stream sediment sampling of the new blocks of the Oki – Doki project area combined with overall preliminary airborne geophysical survey data has identified a significant number of areas with the potential to host Fort Knox, Brewery Creek, and Carlin-like, type deposits

Main Block

The Oki – Doki project main block of claims is underlain primarily by lithologies of the Ordovician – Silurian Road River Group and to a lesser extent by lithogies of the Devonian-Mississippian Earn Group and Cambrian Gull Lake Formation. These sedimentary rocks are intruded by dikes or sills, plugs, and stocks of the early to late Cretaceous Tombstone Intrusive suite. On Viceroy's property to the south, Tombstone sills, introduced along thrust faults, and hosted within Road River and Earn Group sedimentary rocks localize much of the mineralization of the Brewery creek deposit.

Geochemical surveys outlined 43 areas of elevated Au response. Fourteen of these were anomalous for Au, As and/or Sb, and Hg with six carrying all four pathfinder elements.

The airborne geophysical survey identified two parallelling series of thrust or low angle faulting with associated narrow sills or dikes. Intrusive plugs and stocks were identified in the west, northeast, and southeast areas of the property. Four of these intrusive features have coincident radiometric, low Th/K, anomalies.

Combinations of geological, geochemical, and geophysical data, and historical exploration documentation identify six areas of interest for potential economic mineralization:

Area One corresponds to the Bear prospect, the south-westernmost of the Mike Lake occurences. This area has a Au, As, Sb, Hg, Bi geochemical signature defining a source area greater than five square kilometers. A large intrusive stock of Tombstone affinity with several radiometric anomalies undrelies this area. Sedimentary rock within this area consists of silicified brecciated quartzite and tremolite bearing hornfels. One sample of massive arsenopyrite veining returned 4000ppb Au.

Area Two corresponds to the Ridgeway prospect. This area has a Au, Sb, Hg geochemical signature defining a source area greater than three square kilometers. An intrusive plug flanked by two radiometric anomalies underlies this area. A grab sample from this prospect assayed 895 ppb Au. Located southwest of and on or adjacent to a northeast trending fault that transects the prospect are three smaller geochemical gold anomalies.

Area Three is located in the southern claims along the boundary with the Brewery Creek property. This area is geophysically quiet suggesting no intrusive bodies are present. This area does however incorporate seven geochemical gold anomalies ranging in size from one to two square kilometers. The four core anomalies have the pathfinder Au, As, Sb, Hg signature. Two of these are open and extend across the boundary onto the Brewery Creek property. Viceroy's 'North Slope Zone' which has been describe as

'Carlin like' is located less than one kilometer to the south. A prospect grab of sedimentary rock collected from the flank of the north central most anomaly assayed 123 ppb Au.

Area Four is located east of O'Brien-Brewery Creek in the south-central most claims that border the eastern edge of brewery Creek. This area is has a Au, As, Hg geochemical signature derived from a potential source area five square kilometers in size, elongate in shape and tracing north-northwest. This area is also geophysically quiet but lies directly in the path of the Brewery Creek Mine's main reserve trend.

Area Five is located in the southeast corner of the claims and consists of a Au, As, Hg anomaly three square kilometers in size and underlain by an intrusive plug. This area is located immediately northwest of Orinoco's Panorama Ridge prospect.

Area Six includes three gold – mercury anomalies one of which is also anomalous for antimony located in the north central portion of the claims. This area is characterized by geophysically identified east - northeast paralleling thrust or low angle faults with accomanying narrow sills or dikes with associated local low Th/K ratios. Mapping by Green indicates that diotitic to gabbroic intrusives exist in the northeast portion of this area but program prospecting and mapping also located feldspar porphyritic monzonitic sills.

Areas 1,2,5 represent targets having the potential for a Fort Knox style of mineralization. Area 6 has the potential for providing examples of mineralization similar to the Brewery Creek 'Main Reserve Trend". Areas 3 and 4 have the potential to host a 'Carlin-like Brewery Creek North Slope Zone' style of mineralization.

New Blocks

The new claims are underlain by the same sedimentary and intrusive rocks as the main claims and were included in the overall coverage provided by the preliminary airborne geophysical survey data package

A number or areas of interest were identified on the new blocks of the Oki – Doki project through reconnaissance sampling and airborne geophysical surveys. Two of these are significant.

The central portion of the On claims encloses an intrusive plug with a low Th/K signature and an east west trending dike system. Both have anomalous Au in recconnaisance silt samples proximal to them. This ground is immediately south of Orinoco's Panorama Ridge property. Diamond drilling in 1996 by Orinoco provided an assay high of 2.5 g/T Au over 30 feet

The eastern portion of the Bonus claims are underlain by plugs of the Hobo Creek stock These plugs have anomalous radiometric features as does a magnetically inferred linear feature. The Hobo prospect is located immediately adjacent to the property. Reverse circulation and diamond drilling in 1993, of the Hobo prospect, returned values as high as 10.7 g/T Au over 3.05m and 15.0 g/T Au over 1.5m respectively.

The plug like magnetic/radiometric features of the On and Bonus claims have the potential to host examples of Fort Knox type mineralization. Linear features could reflect Brewery Creek styles of mineralization.

7.0 RECOMMENDATIONS

A Phase 2 program of exploration is recommended for the Oki Doki main block of claims. Of the six areas identified Areas 1,2,3 should be prioritized as primary targets. This program should be conducted in two stages consisting of two parts. A Phase 1 program of exploration for the two areas of significant interest on the new claims should be implemented concurrently.

Phase 2: Stage One: Part A: Completion of detailed stream based geochemical surveys and prospecting/mapping of the Wow, Bulsi, and Good News claims as well as infill of omitted areas of the 'E' block. This will provide closure to the open or poorly defined 'E' block anomlies as well as identify any unknown anomalies that may be associated with the parallel series of thrust fault and dike systen that transects the northern half of the claims. At he same time the On and Bonus claims would receive a first pass of detailed silt, soil and preliminary prospecting and mapping. Also at this time the addition of claims to properly link the On claims with the main block should be made for administrative and tenure purposes.

Phase 2: Stage One: Part B: Concurrent with Part A, Areas 1,2,3 would be followed up by 200m line spaced, 25m station spaced, compass and hip chained soil geochemical and orientation pit/prospecting/mapping surveys.

Phase 2: Stage Two: Activity on the main block would consist of linecutting, ground geophysics in the form of induced polarization/resistivity, trenching with a light helicopter transportable backhoe setup, and soil augering of geochemical grid locations where permafrost or loess deposits may mask geochemical trends. StageTwo activity on the new blocks would consist of gridded soil geochemical follow-up, prospecting/mapping surveys.

A Phase 3 program of diamond and/or reverse circulation drilling of Phase 2 generated targets would tentatively be scheduled for mid fall.

Cost estimates for this proposed program are presented in the following section.

8.0 PROPOSED BUDGET

OKI-DOKI PHASE 1 (1998 Program)
Oki-Doki Main Block Follow-up

Geologist	1 man x 90 days x $300/day	$27,000.00
Geology Students	3 men x 90 days x $150/day	40,500.00
Cook	1 man x 90 days x $250/day	22,500.00
Camp maintenance	1 man x 90 days x $250/day	22,500.00
Draft person	1 man x 90 days x $250/day	22,500.00
Workers	8 men x 60 days x $250/day	120,000.00
Camp costs	10 men x 90 days x $50/day	45,000.00
Geochemical analyses	4,000 samples x $15/ sample	60,000.00
Claim, Geopysical surveys	57 km x $1,500/km	85,500.00
Trenching/ Auger Drilling		60,000.00
Catwork		75,000.00
Line Cutting		35,000.00
Helicopter	90 days x 3 hrs x $850/hr	229,500.00
Vehicles	2 x 90 days x $1,500	9,000.00
Communications	Radios, satellite link	3,000.00
Fuel and Miscellaneous		10,000.00
15% Contingency		130,050.00
Subtotal		997,050.00

Oki-Doki New Blocks Reconnaissance

Personnel	4 men x 21 days x $250/day	----------
Camp Costs	4 men x 21 days x $50/day	----------
Geochemical Analyses	2,000 x 15	30,000.00
Helicopter Support	21 days x 3 hours x $850/hr	711,400.00
Filing Fees		30,000.00
15% Contingency		19,710.00
TOTAL Phase 1 (1998 Program)		1,148,160.00

OKI-DOKI PHASE 2 (1998 Program)
Diamond Drilling

Drilling Fees	10,000ft x $30/foot	300,000.00
Analytical Fees	2,000sample x $15/sample	30,000.00
Geologist	1 man x 40 days x $300/day	----------
Cook	1 man x 40 days x $250/day	----------
Camp Maintenance	1 man x 40 days x $250/day	----------
Assistant	1 man x 40 days x $250/day	----------
Camp Costs	5 men x 40 days x $50/day	10,000.00
Helicopter	4 hours x 30 days x $850/day	----------
Subtotal		340,000.00
Final Report		45,000.00
Phase 2 Subtotal		385,000.00
15% Contingency		57,750.00
TOTAL PHASE 2 (1998 PROGRAM)		442, 750.00

TOTAL PHASE1 & 2 (1998 PROGRAM)	$1,590,910.00

9.0 STATEMENT OF WORK

International Kodiak Resources Inc.
Oki-Doki Project
August 1-October 21, 1997

Geological/Geochemical Costs

Personnel		
Geologists	130 days @ $375/day	$48,750.00
Geological Technicians	904 days @ $325/day	293,800.00
Cook	60 days @ $325/day	19,500.00
Camp costs	1300 man days @ $40/day	52,000.00
Analytical Fees	8655 samples @ $20/sample	173,100.00
Transportation		
Truck Rentals	3 trucks @ $2200/month	13,200.00
Helicopter	200 hours @ 604/hour	181,200.00
Shipping		4,000.00
Fuel		90,000.00
Airfare		
Other		
Radios		3,000.00
Catwork		5,000.00
Equipment/Consumables		25,000.00
Orthophoto		28,000.00
Miscellaneous		15,000.00
Mob-Demob		25,000.00
Final Report		
Report Writing		20,000.00
Drafting		20,000.00
TOTAL EXPENDITURES		**$1,016,550.00**

Geophysical Costs

Total Airborne Survey		100,000.00
Report, Interpretation		25,000.00
TOTAL EXPENDITURES		**$125,000.00**

TOTAL EXPENDITURES ALL IN

Geological/Geochemical		1,016,550.00
Geophysical		125,000.00
TOTAL ALL IN		**$1,141,550.00**

10.0 STATEMENTS OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, **Val Peter Van Damme**, of 2045 Holdom Avenue, Burnaby, in the Province of British Columbia DO HEREBY CERTIFY THAT

I am a graduate of Lakehead University, Thunder Bay, Ontario, having received an Honors B.Sc. in Geology in 1988.

I have practiced my profession continuously since 1988.

I am currently employed by Nicholson & Associates with offices at 1210 – 675 W. Hastings St., Vancouver, British Columbia

I am a registered member in good standing of the Association of Professional Engineers and Geoscientists of British Columbia

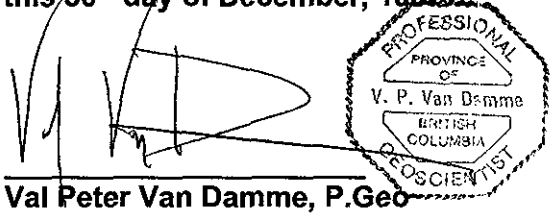
This report is based on an evaluation of available literature and documentation on the property area and region.

I visited the property, conducted limited field surveys, and personally supervised work conducted between October 8th and 19th.

I have no interest, direct or otherwise, in the securities or holdings of International Kodiak Resources Inc., nor do I expect to receive any such interest.

I consent to the use of this report in its entirety or in approved summary in a prospectus, statement of material facts or other public document.

Dated at Vancouver, British Columbia, this 30th day of December, 1997.



Val Peter Van Damme, P.Geo

STATEMENT OF QUALIFICATIONS

I, **Brian T. Malahoff**, do hereby certify that:

I am a consulting geologist with a business office at 8568 Selkirk Street, Vancouver, BC, V6P 4H9.

I am a graduate of the University of British Columbia with a Bachelor of Science degree (1985) in geological sciences.

I am a registered Professional Geoscientist in good standing with the Association of Professional Engineers and Geoscientists of the Province of British Columbia (reg #19165).

I have practiced my profession as a geologist in North America and South America for the past 12 years since graduation.

I hold no interest in any securities or mineral claim holdings of International Kodiak Resources Inc., nor do I expect to obtain such securities or holdings.

I have worked on the Oki-Doki property and I have personally supervised work during the period of September 25, 1997 to October 9, 1997.

This report may be used by International Kodiak Resources Inc. for any prospectus, release or statement of material fact or offering memorandum related to the Oki-Doki Project, provided that no excerpts are used out of context with the whole.

DATED in Vancouver, British Columbia, this 30th day of December, 1997.

Brian T. Malahoff

Brian T. Malahoff, P. Geo.

PROFESSIONAL ENGINEERS AND GEOSCIENTISTS PROVINCE OF BRITISH COLUMBIA B. T. MALAHOFF GEOSCIENTIST

STATEMENT OF QUALIFICATIONS

I, Curtis Alfred Kauss, of 303-9202 Horne Street, Burnaby, in the Province of British Columbia do hereby certify that:

I am a graduate of the University of British Columbia having received a B.A.. in Geography in 1985

I have worked in the mineral exploration field since 1985

I am currently employed by Nicholson and Associates with offices at 1210-675 West Hastings Street, Vancouver, British Columbia

I worked on the Oki-Doki property and personally supervised the work conducted between August 14th and October 9th

I have no interest, direct or otherwise in the securities or holdings of International Kodiak Resources Inc., nor do I expect to receive any such interest.

Dated at Vancouver, British Columbia
this 30th day of December, 1997



Curtis Alfred Kauss

11.0 BIBLIOGRAPHY

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APPENDIX 1

TABLE 1: CLAIM TENURE INFORMATION

Main Block

Claim	#	Units	Grant No.	Expiry	NTS	ha
Oki	1-13	13	YB94806- 818	10-22-01	116 B/1	271.7
Oki	15-34	20	YB94819- 838	10-22-01	116 B/1	418.0
Oki	35	1	YB94839	10-22-01	116 B/1,2	20.9
Oki	36	1	YB94840	10-22-01	116 B/1	20.9
Oki	37	1	YB94841	10-22-01	116 B/1,2	20.9
Oki	38	1	YB94842	10-22-01	116 B/1	20.9
Oki	39	1	YB94843	10-22-01	116 B/1,2	20.9
Oki	40	1	YB94844	10-22-01	116 B/1	20.9
Oki	41	1	YB94845	10-22-01	116 B/1,2	20.9
Oki	42	1	YB94846	10-22-01	116 B/1	20.9
Oki	43	1	YB94847	10-22-01	116 B/1,2	20.9
Oki	44	1	YB94848	10-22-01	116 B/1	20.9
Oki	45	1	YB94849	10-22-01	116 B/1,2	20.9
Oki	46	1	YB94850	10-22-01	116 B/1,2	20.9
Oki	47	1	YB94851	10-22-01	116 B/2	20.9
Oki	48	1	YB94852	10-22-01	116 B/1,2	20.9
Oki	49	1	YB94853	10-22-01	116 B/2	20.9
Oki	50	1	YB94854	10-22-01	116 B/1,2	20.9
Oki	51-164	114	YB94855-968	10-22-01	116 B/1	2382.6
Oki	167-238	72	YB94969-040	10-22-01	116 B/1	1504.8
Oki	253-282	30	YB95041-070	10-22-01	116 B/1	627.0
Oki	289-314	26	YB95071-096	10-22-01	116 B/1	543.4
Oki	317-372	56	YB95097-152	10-22-01	116 B/1	1170.4
Oki	377-382	6	YB95153-158	10-22-01	116 B/1	125.4
Oki	383-384	2	YC03078-079	10-22-01	116 B/1	41.8
Oki	385-410	26	YB95159-184	10-22-01	116 B/1	543.4
Oki	411-416	6	YC03080-085	10-22-01	116 B/1	125.4
Oki	503-520	18	YB95185-202	10-22-01	116 B/1	376.2
Oki	521	1	YB95203	10-22-01	116 B/1,2	20.9
Oki	522-566	45	YB95204-248	10-22-01	116 B/1	940.5
Oki	901	1	YC03086	11-04-01	116 B/1,2	20.9
Oki	902	1	YC03087	11-04-01	116 B/1,2	20.9
Oki	903-912	10	YC03088-097	11-04-01	116 B/1	20.9
Total Oki		463				9676.7
Doki	7-42	36	YB95513-548	10-22-01	116 B/1	752.4
Doki	47-290	244	YB95549-792	10-22-01	116 B/1	5099.6
Doki	291-293	3	YC04458-460	07-18-02	116 B/1	62.7
Total Doki		283				5914.7
Smoki	1-2	2	YC02901-902	10-28-01	116 B/1	41.8
Smoki	3-8	6	YC02927-932	11-01-01	116 B/1	125.4
Smoki	9-14	6	YC02903-908	10-28-01	116 B/1	125.4

Smoki	15-24	10	YC03098-107	11-04-01	116 B/1	209.0
Smoki	25-35	8	YC02933-940	11-01-01	116 B/1	167.2
Smoki	421-458	38	YB95249-286	10-22-01	116 B/1	794.2
Smoki	463-500	38	YB95287-324	10-22-01	116 B/1	794.2
Smoki	573-650	78	YB95325-402	10-22-01	116 B/1	1630.2
Smoki	653-678	26	YB95403-428	10-22-01	116 B/1	543.4
Smoki	679-680	2	YC02941-942	11-01-01	116 B/1	41.8
Smoki	681-692	12	YB95429-440	10-22-01	116 B/1	250.8
Smoki	695-700	6	YC02909-914	10-28-01	116 B/1	125.4
Smoki	701-734	34	YB95471-474	10-22-01	116 B/1	710.6
Smoki	739-776	38	YB95475-512	10-22-01	116 B/1	794.2
Smoki	777-801	25	YC04338-362	10-22-98	116 B/1	522.5
T.Smoki		329				687.6
Karl	1-10	10	YB95793-802	10-22-01	116 B/1	209.0
Karl	13-22	10	YB95803-812	10-22-01	116 B/1	209.0
Karl	39-64	26	YB95813-838	10-22-01	116 B/1	543.4
Total Karl		46				961.4
Lokey	1-26	26	YB95839-864	10-22-01	116 B/1	543.4
Lokey	27-31	5	YC02953-957	11-01-01	116 B/1	104.5
Lokey	41-76	36	YB95865-900	10-22-01	116 B/1	752.4
Lokey	77-104	2	YC02959-986	11-01-01	116 B/1	585.2
Lokey	103-154	52	YC03108-159	11-04-01	116 B/1	1086.8
Lokey	155-156	2	YC04456-457	06-17-02	116 B/1	41.8
Lokey	901-902	2	YC04615-616	09-12-98	116 B/1	41.8
Total Lokey		125				3155.9
Ob	1	1	YC02987	11-01-01	116 A/4,B/1	20.9
Ob	2	1	YC02988	11-01-01	116 A/4	20.9
Ob	3-4	2	YC02989-990	11-01-01	116 A/4, B/1	41.8
Ob	5	1	YC02991	11-01-01	116 B/1	20.9
Ob	6	1	YC02992	11-01-01	116 A/4,B/1	20.9
Ob	7	1	YC02993	11-01-01	116 B/1	20.9
Ob	8	1	YC02994	11-01-01	116 A/4, B/1	20.9
Ob	9	1	YC02995	11-01-01	116 B/1	20.9
Ob	10	1	YC02996	11-01-01	116 A/4, B/1	20.9
Ob	11	1	YC02997	11-01-01	116 B/1	20.9
Ob	12	1	YC02998	11-01-01	116 A/4, B/1	20.9
Ob	13	1	YC02999	11-01-01	116 B/1	20.9
Ob	14	1	YC03000	11-01-01	116 A/4, B/1	20.9
Ob	15-32	18	YC03001-018	11-01-01	116 B/1	376.9
Ob	33-50	18	YC03160-177	11-04-01	116 B/1	376.2
Ob	51-64	14	YC03178-191	11-04-01	116 A/4	292.6
Ob	65	1	YC03192	11-04-01	116 A/4, B/1	20.9
Ob	66	1	YC03193	11-04-01	116 A/4	20.9
Ob	67	1	YC03194	11-04-01	116 A/4, B/1	20.9
Ob	68	1	YC03195	11-04-01	116 A/4	20.9
Ob	69	1	YC03196	11-04-01	116 A/4, B/1	20.9
Ob	70	1	YC03197	11-04-01	116 A/4	20.9
Ob	71	1	YC03198	11-04-01	116 A/4, B/1	20.9

Ob	72	1	YC03199	11-04-01	116 A/4	20.9
Ob	73	1	YC03200	11-04-01	116 A/4, B/1	20.9
Ob	74	1	YC03201	11-04-01	116 A/4	20.9
Ob	75-76	2	YC03202-203	11-04-01	116 A/4, B/1	41.8
Ob	77	1	YC03204	11-04-01	116 B/1	20.9
Ob	78	1	YC03205	11-04-01	116 A/4, B/1	20.9
Ob	79	1	YC03206	11-04-01	116 B/1	20.9
Ob	80	1	YC03207	11-04-01	116 A/4, B/1	20.9
Ob	81	1	YC03208	11-04-01	116 B/1	20.9
Ob	82	1	YC03209	11-04-01	116 A/4, B/1	20.9
Ob	83	1	YC03210	11-04-01	116 B/1	20.9
Ob	84	1	YC03211	11-04-01	116 A/4, B/1	20.9
Ob	85	1	YC03212	11-04-01	116 B/1	20.9
Ob	86	1	YC03213	11-04-01	116 A/4, B/1	20.9
Ob	87	1	YC03214	11-04-01	116 B/1	20.9
Ob	88	1	YC03215	11-04-01	116 A/4, B/1	20.9
Ob	89-100	12	YC03216-227	11-04-01	116 B/1	250.8
Ob	101-132	32	YC03019-050	11-01-01	116 A/4	668.8
Ob	133-136	3	YC02915-918	10-28-01	116 A/4	62.7
Ob	137	1	YC02919	10-28-01	116 A/4, B/1	20.9
Ob	138	1	YC02920	10-28-01	116 A/4	20.9
Ob	139	1	YC02921	10-28-01	116 A/4, B/1	20.9
Ob	140	1	YC02922	10-28-01	116 A/4	20.9
Ob	141	1	YC02923	10-28-01	116 A/4, B/1	20.9
Ob	142	1	YC02924	10-28-01	116 A/4	20.9
Ob	143	1	YC02925	10-28-01	116 A/4,B/1	20.9
Ob	144	1	YC02926	10-28-01	116 A/4	20.9
Ob	145	1	YC02927	11-01-01	116 A/4, B/1	20.9
Ob	146	1	YC02928	11-01-01	116 A/4	20.9
Ob	147	1	YC02929	11-01-01	116 A/4, B/1	20.9
Ob	148	1	YC02930	11-01-01	116 A/4	20.9
Ob	149-150	2	YC02931-932	11-01-01	116 A/4, B/1	41.8
Ob	151-168	18	YC03228-245	11-04-01	116 A/4	376.2
Ob	172-220	49	YC03246-294	11-04-01	116 A/4	1024.1
Ob	221-224	4	YC03849-492	11-19-01	116 A/4	83.6
Ob	225-244	20	YC03295-314	11-04-01	116 A/4	418
Ob	251-270	20	YC03315-334	11-04-01	116 A/4	418
Ob	271-274	4	YC03493-496	11-19-01	116 A/4	83.6
Ob	275-284	10	YC03057-066	11-01-01	116 A/4	209.0
Ob	285-288	4	YC03499-502	11-19-01	116 A/4	83.6
Ob	289-296	8	YC03335-342	11-04-01	116 A/4	167.2
Ob	325-332	8	YC03503-510	11-19-01	116 A/4	167.2
Ob	333-340	8	YC03353-350	11-04-01	116 A/4	167.2
Ob	387-388	2	YC03351-352	11-04-01	116 A/4	41.8
Ob	395-400	6	YC03067-072	11-01-01	116 A/4	125.4
Ob	401-418	18	YC03353-370	11-04-01	116 A/4	376.2
Ob	419-430	12	YC03511-522	11-19-01	116 A/4	250.8
Ob	431	1	YC03371	11-04-01	116 A/4	20.9

Ob	432	1	YC03372	11-04-01	116 A4, B/1	20.9
Ob	433	1	YC03373	11-04-01	116 A/4	20.9
Ob	434	1	YC03374	11-04-01	116 A/4, B/1	20.9
Ob	435-454	20	YC03375-394	11-04-01	116 A/4	418.
	455-484		Not issued		116 A/4	
Ob	487-542	56	YC04416-516	07-18-02	116 B/1	1170.4
Ob	543-561	19	YC04524-542	07-18-02	116 A/4	397.1
Ob	562-568	7	YC04517-523	07-18-02	116 A/4	146.3
Total Ob		446				9321.4
Axis	1-16	16	YC03407-422	11-04-01	116 B/2	334.4
Axis	19-22	4	YC03425-428	11-04-01	116 B/2	83.6
Axis	101-103	3	YC04617-620	12-09-98	116 B/2	62.7
Total Axis		23				480.7
Wow	1-23	23	YC04804-826	10-01-98	116 A/4	480.7
Wow	25-75	51	YC04827-877	10-01-98	116 B/1	1065.9
Wow	77-82	6	YC04878-883	10-01-98	116 A/4	125.4
Wow	83-89	7	YC05324-330	10-14-98	116 A/4	146.3
Wow	91-98	8	YC05331-338	10-14-98	116 A/4	167.2
Wow	101-104	4	YC05339-342	10-14-98	116 A/4	83.6
Total Wow		99				2069.1
Bulsi	1-51	51	YC05150-200	10-01-98	116 B/1	1065.9
Bulsi	53	1	YC05201	10-01-98	116 B/1	20.9
Bulsi	55	1	YC05202	10-01-98	116 B/1	20.9
Bulsi	57	1	YC05203	10-01-98	116 B/1	20.9
Bulsi	59	1	YC05204	10-01-98	116 B/1	20.9
Bulsi	61-151	91	YC05205-295	10-01-98	116 B/1	1901.9
Total Bulsi		146				3051.4
Good News	1-6	6	YC04918-923	10-01-98	116 B/1	125.4
Good News	8	1	YC04924	10-01-98	116 B/1	20.9
Good News	10	1	YC04925	10-01-98	116 B/1	20.9
Good News	12	1	YC04926	10-01-98	116 B/1	20.9
Good News	14	1	YC04927	10-01-98	116 B/1	20.9
Good News	15-196	182	YC04928-109	10-01-98	116 B/1	3803.8
T. G. News		192				4012.8
Yes	1-2	2	YC05110-111	10-01-98	116 A/4	41.8
Yes	3	1	YC05112	10-01-98	116 B/1, 116 A/4	20.9
Yes	4	1	YC05113	10-01-98	116 A/4	20.9
Yes	5	1	YC05114	10-01-98	116 B/1, 116 A/4	20.9
Yes	6	1	YC05115	10-01-98	116 A/4	20.9
Yes	7-8	2	YC05116-117	10-01-98	116 B/1, 116 A/4	41.8
Yes	9	1	YC05118	10-01-98	116 B/1	20.9
Yes	10	1	YC05119	10-01-98	116 B/1, 116 A/4	20.9
Yes	11	1	YC05120	10-01-98	116 B/1	20.9
Yes	12	1	YC05121	10-01-98	116 B/1, 116 A/4	20.9
Yes	13-22	10	YC05122-131	10-01-98	116 B/1	209.0
Yes	23-28	6	YC05132-137	10-01-98	116 A/4	125.4
Yes	29	1	YC05138	10-01-98	116 B/1, 116 A/4	20.9
Yes	30	1	YC05139	10-01-98	116 A/4	20.9

Yes	31	1	YC05140	10-01-98	116 B/1, 116 A/4	20.9
Yes	32	1	YC05141	10-01-98	116 A/4	20.9
Yes	33-34	2	YC05142-143	10-01-98	116 B/1, 116 A/4	41.8
Yes	35	1	YC05144	10-01-98	116 B/1	20.9
Yes	36	1	YC05145	10-01-98	116 B/1, 116 A/4	20.9
Yes	37	1	YC05146	10-01-98	116 B/1	20.9
Yes	38	1	YC05147	10-01-98	116 B/1, 116 A/4	20.9
Yes	39-40	2	YC05148-149	10-01-98	116 B/1	41.8
Yes	42-47	6	YC05343-348	10-14-98	116 A/4	125.4
Total Yes		46				961.4
Loki	1-30	30	YC06441-470	11-04-98	116 B/1	627.0
Total Loki		30				627.0
Final		1906				18723.2

Block 2: On, Golden, Goshawk

On	1-178	178	YC05829-006	10-21-98	116 A/4	3720.2
Total On		178				3720.2
Golden	1-34	34	YC04254-287	04-23-98	116 A/4	710.6
T. Golden		34				710.6
Goshawk	1-8	8	YC04230-237	04-23-98	116 A/4	167.2
Goshawk	25-40	16	YC04238-253	04-23-98	116 A/4	334.4
T.Goshawk		24				501.6
Final		58				1212.2

Block 3: On, Eagle

On	179-196	18	YC06007-024	10-21-98	116 A/4	376.2
On	197-198	2	YC06025-026	10-21-98	116 A/3	41.8
On	199	1	YC06027	10-21-98	116 A/3, 4	20.9
On	200	1	YC06028	10-21-98	116 A/3	20.9
On	201-202	2	YC06029-030	10-21-98	116 A/3, 4	41.8
On	203	1	YC06031	10-21-98	116 A/4	20.9
On	204	1	YC06032	10-21-98	116 A/3, 4	20.9
On	205-208	4	YC06033-036	10-21-98	116 A/4	83.6
On	209-210	2	YC06037-038	10-21-98	116 A/3	41.8
On	211	1	YC06039	10-21-98	116 A/3, 4	20.9
On	212	1	YC06040	10-21-98	116 A/3	20.9
On	213	1	YC06041	10-21-98	116 A/3, 4	20.9
On	214	1	YC06042	10-21-98	116 A/3	20.9
On	215	1	YC06043	10-21-98	116 A/3, 4	20.9
On	216	1	YC06044	10-21-98	116 A/3, 4	20.9
On	217-218	2	YC06045-046	10-21-98	116 A/4	41.8
On	219-222	4	YC06047-050	10-21-98	116 A/3	83.6
Total On		44				919.6
Eagle	1-50	50	YC04118-167	04-23-98	116 A/4	1045.0
Eagle	51-74	24	YC04168-191	04-23-98	116 A/4	501.6
Eagle	75-108	34	YC04192-225	04-23-98	116 A/4	710.6
Eagle	109	1	YC04226	04-23-98	116 A/4, 115 P/13	20.9
Eagle	110	1	YC04227	04-23-98	116 A/4	20.9

Eagle	111-112	2	YCO4228-229	04-23-98	116 A/4, 115 P/13	41.8
Total Eagle		112				2340.8
Final		156				4260.4

Block 4: On, Bald

On	223-226	4	YC06051-054	10-21-98	115 P/14	83.6
On	227-228	2	YC06055-056	10-21-98	116 A/3, 115 P/14	41.8
On	229-230	2	YC06057-058	10-21-98	116 A/3	41.8
On	231-256	26	YC06059-084	10-21-98	115 P/14	543.4
Total On		34				710.6
Bald	1	1	YC04287	04-23-98	116 A/3	20.9
Bald	2-3	2	YC04288-289	04-23-98	116 A/3, 115 P/4	41.8
Bald	4	1	YC04290	04-23-98	116 A/3	20.9
Bald	5	1	YC04291	04-23-98	116 A/3, 115 P/14	20.9
Bald	6	1	YC04292	04-23-98	116 A/3	20.9
Bald	7	1	YC04293	04-23-98	116 A/3, 115 P/14	20.9
Bald	8	1	YC04294	04-23-98	116 A/3	20.9
Bald	9	1	YC04295	04-23-98	116 A/3, 115 P/14	20.9
Bald	10	1	YC04296	04-23-98	116 A/3	20.9
Bald	11	1	YC04297	04-23-98	116 A/3, 115 P/14	20.9
Bald	12	1	YC04298	04-23-98	116 A/3, 115 P/14	20.9
Bald	13	1	YC04299	04-23-98	116 A/3, 115 P/14	20.9
Bald	14	1	YC04300	04-23-98	116 A/3	20.9
Bald	15	1	YC04301	04-23-98	116 A/3,115 P/14	20.9
Bald	16	1	YC04302	04-23-98	116 A/3	20.9
Total Bald		16				334.4
Final		50				1045.0

Block 5: Bonus

Bonus	1-63	63	YC05349-411	10-21-98	116 A/3	1316.7
Bonus	64-66	3	YC05412-414	10-21-98	116 A/3, 115 P/14	62.7
Bonus	75-103	29	YC05415-443	10-21-98	116 A/3	606.1
Bonus	104-107	4	YC05444-447	10-21-98	116 A/3, 115 P/14	83.6
Bonus	108-112	5	YC05448-452	10-21-98	115 P/14	104.5
Bonus	115-126	12	YC05453-464	10-21-98	115 P/14	250.8
Bonus	127-128	2	YC05465-466	10-21-98	115 P/14, 15	41.8
Bonus	129	1	YC05467	10-21-98	115 P/15	20.9
Bonus	130	1	YC05468	10-21-98	115 P/14, 15	20.9
Bonus	131-158	28	YC05469-496	10-21-98	115 P/15	585.2
Bonus	159-189	31	YC05497-527	10-21-98	116 A/3	647.9
Bonus	190-193	4	YC05528-531	10-21-98	116 A/3,115 P/14	83.6
Bonus	194-202	9	YC05532-540	10-21-98	115 P/14	188.1
Bonus	203	1	YC05541	10-21-98	115 P/14, 15	20.9
Bonus	204	1	YC05542	10-21-98	115 P/14	20.9
Bonus	205-206	2	YC05543-544	10-21-98	115 P/14, 15	41.8
Bonus	207	1	YC05545	10-21-98	115 P/15	20.9

Bonus	208	1	YC05546	10-21-98	115 P/14, 15	20.9
Bonus	209-238	30	YC05547-576	10-21-98	115 P/15	627.0
Bonus	239-246	8	YC05577-584	10-21-98	116 A/3	167.2
Bonus	247-266	20	YC06471-490	10-21-98	116 A/3	418.0
Bonus	267-273	7	YC05585-591	10-21-98	116 A/3	146.3
Bonus	274	1	YC05592	10-21-98	116 A/3, 115 P/14	20.9
Bonus	275	1	YC05593	10-21-98	116 A/3	20.9
Bonus	276-279	4	YC05594-597	10-21-98	116 A/3, 115 P/14	83.6
Bonus	280	1	YC05598	10-21-98	115 P/14	20.9
Bonus	281	1	YC05599	10-21-98	115 P/14,15	20.9
Bonus	282	1	YC05600	10-21-98	115 P/14	20.9
Bonus	283-284	2	YC05601-602	10-21-98	115 P/4,15	41.8
Bonus	285-315	31	YC05603-633	10-21-98	115 P/15	647.9
Bonus	316-317	2	tags not issued	?	115 P/15	41.8
Bonus	318	1	YC05634	10-21-98	115 P/15	20.9
Bonus	319-356	38	YC05635-672	10-21-98	116 A/3	794.2
Bonus	357	1	YC05673	10-21-98	116 A/2,3	20.9
Bonus	358	1	YC05674	10-21-98	$116A/_{2,3,}115\ P/_{14}$	20.9
Bonus	359	1	YC05675	10-21-98	116 A/2	20.9
Bonus	360	1	YC05676	10-21-98	$116A/_{2,3,}115\ P/_{14,15}$	20.9
Bonus	361	1	YC05677	10-21-98	115 P/15	20.9
Bonus	362-394	33	YC05678-710	10-21-98	115 P/15	689.7
Bonus	395-396	2	tags not issued	?	115 P/15	41.8
Bonus	397-406	10	YC05711-720	10-21-98	115 P/14	209.0
Bonus	407	1	YC05721	10-21-98	115 P/14,15	20.9
Bonus	408	1	YC05722	10-21-98	115 P/4	20.9
Bonus	409-410	2	YC05723-724	10-21-98	115 P/14,15	41.8
Bonus	411-436	26	YC05725-750	10-21-98	115 P/15	543.4
Bonus	437-444	8	YC05751-758	10-21-98	115 P/14	167.2
Bonus	457-472	16	YC05759-774	10-21-98	115 P/14	334.4
Bonus	473	1	YC05775	10-21-98	115 P/14,15	20.9
Bonus	474	1	YC05776	10-21-98	115 P/14	20.9
Bonus	475-476	2	YC05777-778	10-21-98	115 P/14,/15	41.8
Bonus	477-494	18	YC05779-796	10-21-98	115 P/14	376.2
Bonus	495	1	YC05797	10-21-98	115 P/14,15	20.9
Bonus	496	1	YC05798	10-21-98	115 P/14	20.9
Bonus	497-508	12	tags not issued	?	115 P/15	250.8
Bonus	509-516	8	YC05799-806	10-21-98	115 P/15	167.2
Bonus	517-526	10	tags not issued	?	115 P/15	209.0
Bonus	527-538	12	YC05807-818	10-21-98	115 P/15	250.8
Bonus	539-540	2	tags not issued	?	115 P/15	41.8
Bonus	541-546	6	YC05819-824	10-21-98	115 P/14	125.4
Bonus	547	1	YC05825	10-21-98	116 A/3, 115 P/14	20.9
Bonus	548	1	YC05826	10-21-98	115 P/14	20.9
Bonus	549-550	2	YC05827-828	10-21-98	116 A/3, 115 P/14	41.8

T. Bonus		528				11035.2
Final		528				11035.2

Block 6: Ant

ANT	3-6	4	YC03565-568	12-12-98	116 A/5, 116 B/8	83.6
ANT	9-18	10	YC03569-578	12-12-98	116 A/5, 116 B/8	209.0
ANT	25-34	10	YC03579-588	12-12-98	116 A/5, 116 B/8	209.0
Total Ant		24				501.6
Final		24				501.6

Block 7: MLN, BO

MLN	1-10	10	YC03543-552	12-12-98	116 A/5	209.0
MLN	19-24	6	YC03553-558	12-12-98	116 B/8	125.4
MLN	25-30	6	YC03559-564	12-12-98	116 A/5	125.4
Total MLN		22				459.8
Bo	1-10	10	YC03523-532	11-19-01	116 A/5	209.0
Total Bo		10				209.0
Final		32				668.8

APPENNDIX 2

LIST OF PERSONNEL

Name	Address	Position
Actkinson, H.	General Delivery Ross River	Sampler/Staker
Audet, R.	Box 946 Dawson City, YT	Sampler/Staker
Barton, G.	2188 61 St. Langley, BC	Camp Manager
Chornobay, W.	1210 - 675 West Hastings Street Vancouver, BC	Project manager
Dipritro, J.	Box 1123 Dawson City, YT	Sampler
Fleurant, S.	Box 404 Dawson City, YT	Staker
Fraughton, W.	Box 468 Dawson City, YT	Sampler/Staker
Glynn, M.	Box 5745 Whitehorse, YT	Prospector
Guimond, Q.D.	Box 356 Dawson City, YT	Sampler
Jost, L.	Box 666 Dawson City, YT	Cook
Kauss, C.	#303 - 9202 Horne Street Burnaby, BC	Prospector
Keenan, B	Box 986 Dawson City, YT	Sampler
Malahoff, B.	8568 Selkirk Street Vancouver, BC	Geologist
McGillivray, D.	9273 Pine Tree Lane Whistler, BC	Sampler/Staker
Morgan, T.	Box 397 Whitehorse, YT	Prospector
Robenson, A.	Box 491 Dawson City, YT	Sampler/Staker
Roy, L.	Site #1 Box #25 Keno City, YT	Sampler
Sufady, D.	Box 369 Whitehorse, YT	Staker
Van Damme, V.	2045 Holdon Avenue Burnaby, BC	Geologist
Vanwermeskerken, M	Saltair Lane Saltspring Island, BC	Geologist

APPENDIX 4

APPENDIX 3

ROCK SAMPLE DESCRIPTIONS

ABBREVIATIONS: (Oki Doki Project)

@ - at, **Alt** – alteration, **A** – Oki region, **arg** – argillic alteration, **aspy** – arsenopyrite, **assoc** – associated, **az** – azurite, **B** – doki region, **blk** – black, **brn** – brown, **bx** – breccia, **carb** – carbonates, **cg** – coarse grained, **Chl** – chlorite, **C** – Lokey region, **cont.** – contact, **cpy** – chalcopyrite, **dissem** – disseminated, **dk** – dark, **D** – Smokey region, **E** – OBI region, **F** – Bo region, **FeOx** – Iron Oxide, **fg** – fine grained, **frac** – fracturede, **fracs** – fractures, **(F.S.)** – fresh surface, **gn** – galena, **gry** – grey, **hem** – hematite, **lg** – large, **lim** – limonite, **mag** – magnetic, **mal** – malachite, **mg** – medium grained, **MnOx** – magnesium oxide, **mod** – moderate, **nr** – near, **po** – pyrrhotite, **py** – pyrite, **qtz** – quartz, **seds** – sediments, **sil** – siliceous, **sm** – small, **SST** – sandstone, **str** – strong, **stw** – stockwork, **sx** – sulphide, **tr** – trace, **w** – with, **Wk** – weak, **(W.S.)** – weathered surface

Sample No.	Interval (m)	Width (m)	Location region/UTM (if available)	Rock Type	Colour	Alteration	Mineralization	Observations
21 ER 001	Grab	Grab	OBI region near UTM: 356000 E 7125000 N	Granodiorite	beige (W.S.) beige – gry-blk (F.S.)		tr mal, cpy	wkly frac, m-cg, massive, trace mal, cpy along fracs
21 ER 002	0-1	1.0	OBI region near UTM: 355139 E 7124654 N	Feldspar-qtz Porphyry	beige (W.S.) gry-beige (F.S.)	tr chl along some fracs	tr dissem aspy, py, cpy?	m-cg, porphyritic, sill
21 ER 003	0-1	1.0	Doki region UTM: 640980 E 7118893 N	Cherty Road River seds	orangy-gry (W.S.), dk gry (F.S.)			f.g., modly frac, mod lim along some fracs

Sample No.	Interval (m)	Width (m)	Location region/UTM (if available)	Rock Type	Colour	Alteration	Mineralization	Observations
21 ER 004	0-3	3.0	OBI region UTM: 355160 E 7124464 N	Quartzite to quartz sandstone	beige (W.S.) beige-tan (F.S.)		tr py, po dissem-blebby	f-mg, modly frac, wk-mod lim along some frac-some interbedded siltstone and blk argillites, wkly mag
21 ER 005	3-7	4.0	OBI region UTM: 355160 E 7124464 N	Quartzite to quartz sandstone	beige (W.S.), beige-tan-gry (F.S.)		tr po assoc with a mafix sill	f. mg, well sorted, wkly-modly frac, 0.5m lamprophre sill, wkly magnetic sill
21 ER 006	7-10	3.0	as previous	quartzite to qtz sandstone	beige (W.S.), (F.S.)			wk lim along some fracs.
21 ER 007	1-13	3.0	as previous	quartzite to qtz sandstone	beige (W.S.), (F.S.)		tr py, po	modly frac, wkly mag with po
21 ER 008	13-17	4.0	as previous	quartzite to qtz sandstone	beige (W.S.), (F.S.)		tr dissem po, aspy	
21 ER 009	17-22	5.0	as previous	Mafic sill	Black		tr-1% dissem po, tr aspy, py	wkly-modly frac, modly-str lim along some fracs, modly mag

Sample No.	Interval (m)	Width (m)	Location region/UTM (if available)	Rock Type	Colour	Alteration	Mineralization	Observations
21 ER 010	22-27	5.0	as previous	Cherty argillite, siltstones	beige-gry		tr py	interbedded chert, argillite, siltstones, well bedded, wk lim
21 ER 011	0-3	3.0	OBI region UTM: 355110 E 7124622 N	feld-qtz porphyry	gry-beige	wk pink potassic? alt? and wk chl along some fracs	tr dissem po, cpy, aspy	dominant fracture direction 73/65 SE, wkly mag, wk qtz flooding
21 ER 012	3-7	4.0	as above	cherty-quartzite	beige-gry (W.S.)+(F.S.)			wk – mod lim along some fracs
21 ER 013	7-10	3.0	as above	cherty-quartzite	beige-gry (W.S.)+(F.S.)		tr cpy	wk – mod lim along some fracs
21 ER 014	10-13	3.0	as above	cherty-quartzite	beige-gry (W.S.)+(F.S.)		tr cpy	mod lim
21 AR 015	0-1	1.0	OKI region	chert	beige-gry (W.S.), gry – olive green (F.S.)			f.g., wk lim along some fracs,
21 BR 016	0-1	1.0	Doki region UTM 632817 E 7111378 N	Argillite/ Chert	gry – blk – orange (W.S.), gry-blk			modly frac, mod-str lim along some fracs orientation 135/30 SW
21 CR 017	0-0.5	0.5	Lokey region UTM: 632817 E 7111743 N	Chert	gry (W.S.), gry-blk (F.S.)			modly frac, wk to mod lim and hem along some fracs

Sample No.	Interval (m)	Width (m)	Location region/UTM (if available)	Rock Type	Colour	Alteration	Mineralization	Observations
21 DR 018	0.05	0.5	Smokey region UTM: 637246 E 7112908 N	Chert	lt gry – beige to dlk gry (W.S.) to gry – blk (F.S.)			wkly frac, massive wk-mod lim along some fracs, trace qtz veinlet (1mm) at 70/52 NE
21 ER 019	subcrop	subcrop	OBI region UTM: 645565 E 7107244 N	Argillite	reddish-orangy-grey blk (W.S.), gry-blk (F.S.)		tr py	f.g., mod lim + hem along some fracs, slickensides on float rock frags
21 ER 020	0-1	1.0	Obi region UTM: 645265 E 7106097 N	Chert/ Argillite	orangy-reddish blk (W.S.), gry blk (F.S.)			bx in part, modly-strly frac, hem + lim
21 CR 024	0-1	1.0	Lokey region UTM: 636939 E 7109845 N	frg/?	gry-blk (W.S.), blk (F.S.)			f.g., mod-str lim + mod hem, modly frac, tr ≤1mm wide qtz veinlets
21 AR 025	0-1	1.0	Oki region UTM: 625901 E 7112152 N	argillite-cherty in part	gry-blk-orangy-brn (W.S.), gry-blk (F.S.)		tr dissem euhedral py	fg, modly frac, mod lim along some fracs, wk ≤1mm wide qtz stockwork and sheet veinlets at 155/75 SW

Sample No.	Interval (m)	Width (m)	Location region/UTM (if available)	Rock Type	Colour	Alteration	Mineralization	Observations
21 AR 026	0-5	5.0	Oki region UTM: 626080 E 7112301 N	argillite	brn-reddish (W.S.), gry-blk (F.S.)			fg, modly to strly frac, mod lim, wk hem along some fracs
21 AR 027	0-4m	4.0	UTM 627440 E 7106086 N	argillite/chert	orange-brn-gry (W.S.), gry-blk (F.S.)		tr py	fg, mod lim along fracs, wk qtz veinlet stw in part along fracs, modly frac, ≤2mm wide
21 AR 028	grab	grab	Oki region UTM: 628265 E 7111933 N	chert	gry-blk (W.S.) and (F.S.)		tr fine py	wk lim along some fracs, modly frac
21 CR 029	0-1	1.0	Lokey region UTM: 636228 E 7109363 N	siltstone to shale	brn-orangy-gry (W.S.), light, gry-green (F.S.)		tr fine dissem py	fg, platey, well bedded, wk-mod lim along some fracs
2 CR 007	grab		116 B1/ 636118 E 7108483 N	polylithic ash tuff	dk gry		1-2% dissem py	lapilli sized fragments
2 CR 033	grab		116 B1/ 635406 E 7109504 N	argillite Road River	Black	Limonitic	tr dissem py	brittle, calcite veinlets ≥ 2 mm
2 CR 034		1.0	116 B1/ 635406 E 7109504 N	argillite/ shale	black/grey		tr dissem py	strike 289° dip 54°E

Sample No.	Interval (m)	Width (m)	Location region/UTM (if available)	Rock Type	Colour	Alteration	Mineralization	Observations
2 CR 035		1.0	116 B1/ 635406 E 7109504 N	argillite/shale	black/grey		tr py as fracture fills	286°/52
2 CR 036		1.0	116 B1/ 635406 E 7109504 N	dk. Intrusive sill, gabbro?	dk grey	k - spar, limonitic alt'n	2% dissem py tr arspy	271°/34 calcite rich
2 CR 037	grab	1.0	116 B1/ 635406 E 7109504 N	intrusive sill @ cont. w\ seds	dk grey	limonitic, chlorite	tr - 1% blebby py	calcite rich veins 7, 3 mm
2 CR 038	grab		116 B1/ 634932 7109314	argillite Road River	black		tr py calcite veinlets ≥ 2 mm	brittle, fractured 292/42E
2 AR 052	grab		116 B1/ 628901 (5+50E) 7114644	argillite Road River	grey-black		tr dissem py	tight ≥ 5 cm bedding 288°/29E
2 AR 057	grab		116 B1/ 628901 (6+00E) 7114644	argillite/chert	black/grey		tr-1% dissem py	fractured, brittle, Road River
2 AR 076	grab		116 B/1 627407 E 7110097 N	Argillite	black	Limonitic	tr py	lg ≥ 10 cm beds Road River 272/52
2 AR 077	grab		116 B1/ 627407 E 7110097 N	argillite Road River	grey-black	Limonitic	tr - 1% dissem py	calcite veins 2 mm ≤ as fracture fills
2 DR 081	grab		116 B1/ 635920 E 7117622 N	siltstone Road River	brown		tr py as fine grained disseminations	fn. grained 0.5 m shear zone

Sample No.	Interval (m)	Width (m)	Location region/UTM (if available)	Rock Type	Colour	Alteration	Mineralization	Observations
2 AR 239	grab		116 B1/ 623195 E 7120585 N	chert pebble conglomerate Earn Group	white/brown matrix		tr dissem py	large ≥ 2 cm qtz veins along fractures
2 AR 250	grab		116 B1/ 623557 E 7121009 N	chert pebble conglomerate Earn Group	white/brown matrix		tr dissem py	large qtz fragments ≥ 4 mm
2 NR 251	grab		637828 E 7128001 N	gabbro sill	dk green	Chloritic	tr – 1% py	167/54 E
2 NR 252	grab		637971 E 7128283 N	argillite/shale	black/brown		1% py as dissem.	shear zone in argillite/shale brittle, small ≥ 2 mm calcite veins
2 NR 253	grab		637971 E 7128283 N	argillite/shale	black/brown		1-2% py as dissem	siliceous, qtz flooded 192/65E
2 NR 254	grab		116 A4/ 644201 E 7132630 N	siltstone/sill	dk brown/green		tr – 1% dissem py tr aspy	204/76E
2 N2R 255	grab		116 A4 644201 E 7132630 N	granitic intrusive (dyke)	light grey	slight k-spar @ contact	no sx. dyke cross-cuts argillites	lg ≥ 3 mm hornblende phenos/200/80 E
2 N3R 256	grab		116 A5 367527 E 7132144 N	qtz. rich granitic dyke	grey		tr py	small ≥ 5 mm qtz veins 100 m long 20 m wide

Sample No.	Interval (m)	Width (m)	Location region/UTM (if available)	Rock Type	Colour	Alteration	Mineralization	Observations
2 FR 357	grab		BO claims 356933 E 7133103 N 116 A5	granite	grey		tr sulphides	qtz rich, massive/slight oxidation
2 ER 258		1.0	OB claims/ 116A4 355893 E 7123872 N	granite	grey	slight k-spar	tr sx	lg ≥ 2 mm hornblende, phenos qtz./biotite
2 ER 259	1.0 chip	1.0	OB claims/ 116A4 355893 E 7123872 N	granite	light grey		tr – 1% py	qtz/biotite rich shear zone in granite
2 ER 260	1.0 chip	1.0	OB claims/ 116A4 355893 E 7123872 N	granite	grey		tr py	qtz/biotite rich
2 ER 261	1.0 chip	1.0	OB claims/ 116A4 355893 E 7123872 N	granite	grey		1-2% py	qtz/biotite rich
2 ER 262	1.0 chip	1.0	OB claims/ 116A4 355893 E 7123872 N	granite	light grey		tr – 1% py	sm. fault gouge
2 ER 263	1.0 chip	1.0	OB claims/ 116A4 355893 E 7123872 N	granite	grey		tr sx	end of old trench
2 CR 268	grab		116 B1/ 636227 E 7108603 N	argillite	black		tr py	brittle, thick 740 cm bedding, 306/82
2 CR 269	grab		116 B1/ 636351 E 7108596 N	argillite	black		tr py	tr carb 185/67

Sample No.	Interval (m)	Width (m)	Location region/UTM (if available)	Rock Type	Colour	Alteration	Mineralization	Observations
2 CR 300	grab		116 B1/ 636118 E 7108483 N	lapilli ash tuff polylithic	grey		tr py	lg > 2 cm fragments
2 CR 301	grab		116 B1/ 636118 E 7108483 N	mafic intrusive gabbro?	dk grey		tr – 1% blebby py	hem. staining
2 CR 314	grab		116 B1/ 634133 E 7110284 N	concretionary argillite/shale	black/brown		tr py	sm. ≥ 2 m wide shear zone in argillite
2 CR 317	grab		116 B1/ 634133 E 7110284 N	chert/shale	grey/brown		tr – 1% dissem py	calcite veins ≥ 3 mm
2 DR 356	grab		116 B1/ 639302 E 7120461 N	chert	grey		tr sx	tightly bedded ≥ 10 cm 274/62 E
2 ER 279	grab		116 A4/ 657302 E 7124392 N	granodiorite	grey		tr – 1% aspy 1% dissem py	contact with argillite
2 ER 280	1.0 chip	1.0	116 A4/ 657603 E 7121412 N	granodiorite	grey		1-2% cpy 1% py tr po	siliceous, qtz rich
2 ER 281	grab		116 A4/ 657603 E 7121412 N	argillite Road River	black		tr py	folded – micro sized ≥ 3 mm
2 ER 282	grab		116 A4/ 657603 E 7121412 N	argillite Road River	black		tr – 1% py	
2 ER 283	grab		116 A4/ 657603 E 7121412 N	granodiorite	grey		tr py, cpy	

Sample No.	Interval (m)	Width (m)	Location region/UTM (if available)	Rock Type	Colour	Alteration	Mineralization	Observations
2 ER 284	grab		116 A4/ 657603 E 7121412 N	granodiorite	grey		tr cpy, po	at contact w\ Road River argillite
2 CR 285	grab		116 B1/ 632800 E 7107502 N	argillite Road River	black		tr py	brittle shattered slight fault 302/40W
2 CR 286	grab		116 B1/ 632800 E 7107502 N	graphitic argillite	black		tr py, carb	sm. ≥ 2 mm calcite veinlets as fracture fills
2 ER 373	grab		116 A4/ 658390 E 7126067 N	shale/ granite sill contact	brown/grey		tr py, po	siliceous sill 262/76 E
2 ER 374	grab		116 A4/ 658390 E 7126067 N	granite (massive)	grey		tr py	plagioclase rich lg ≥ 3 mm biotite crystals
2 ER 375	grab		116 A4/ 658390 E 7126067 N	argillite Road River	black/grey		tr – 1% py as f.g. dissem.	carb. 274/70E
2 ER 376	grab		116 A4/ 70 mW of 2 ER 374	argillite/ shale interbedded	black/brown		tr – 1% dissem py	siliceous, small ≥ 20 m wide intrusive dyke
2 ER 377	grab		116 A4/ 657700 E 7125800 N	intrusive dyke (granite?)	light grey		tr – 1% dissem py	siliceous, qtz vein stockwork
2 ER 378	grab		116 A4/ 60 m West of 2 ER 377	argillite siltstone	black/siltstone	Limonitic	tr – 1% blebby py	f.g. siltstone nr. contact w\ chloritic intrusive

Sample No.	Interval (m)	Width (m)	Location region/UTM (if available)	Rock Type	Colour	Alteration	Mineralization	Observations
2 ER 396	grab		116 B1/ 638717 E 7122600 N	argillite @ contact w\ mafic dyke	black		tr – 1% py, carb	calcite veins ≥ 3 mm
2 ER 397	grab		116 B1/ 70 m west of 2 ER 396	mafic dyke	dk grey/ green	Chloritic	tr py	
2 DR 398	grab		116 B1/ 638417 E 7122600 N	mafic dyke	dk gry	Chloritic	tr – 1% py, carb	
2 DR 399	grab		116 B1/ 638900 E 7122202 N	mafic intrusive/ gabbro?	dk green	Chloritic	tr – 1% blebby py	qtz/biotite massive
2 DR 400	grab		116 B1/ 638300 E 7121300 N	diorite/gabbro sill	dk green		1-2% py as blebs dissem.	massive
2 DR 402	grab		116 B1/ 25 m west of 2 DR 400	gabbro sill	dk green		1-2% dissem py	@ contact w\ Road River argillite
2 DR 403	grab		116 B1 30 m west of 2 DR 402	porphyritic mafic intrusive	dk grey/green		2-3% py	lg ≥ 3 mm plagioclase phenos
2 ER 404	grab		116 A4/ 654300 E 7122300 N	siltstone	brown		tr py, carb	278/66
2 ER 405	grab		116 A4 20 m south of 2 ER 404	gabbro dyke	green	Chloritic	tr py, carb	vesicular, 2 mm vesicles, carb
2 ER 406	grab		116 A4 50 m SW of 2 ER 405	gabbro dyke	dk green		tr py	

Sample No.	Interval (m)	Width (m)	Location region/UTM (if available)	Rock Type	Colour	Alteration	Mineralization	Observations
2 ER 407	grab		116 A4	gabbro dyke	dk green		tr – 1% aspy	20 m wide
2 ER 408	grab		116 A4 10 m west of 2 ER 407	gabbro dyke	dk green		tr – 1% py 1% aspy	
2 ER 409	grab		116 A4/ 64500 E 7121100 N	argillite/shale	black shale		tr py	271/74E
2 ER 410	grab		116 A4/ 655602 E 7125716 N	granite	grey/green	Chloritic	tr py tr aspy	qtz veins ≥ 3 mm
2 ER 411	grab		116 A4/ 654900 E 7124800 N	argillite	black		1-2% py, carb.	siliceous, qtz-carb flooded 282/60
2 ER 412	grab		116 A4/ 654900 E 7124800 N	argillite Road River	black		1-2% py, carb	
2 ER 413		1.0	116 A4 655100 E 7124800 N	dk intrusive gabbro? sill	dk green	Chloritic	2% dissem py tr aspy	30 m wide sill
2 ER 414		1.0	116 A4/ 655100 E 7124800 N	dk intrusive sill	dk green	Chloritic	2% py pervasive tr aspy	
2 ER 415		1.0	116 A4 655100 E 7124800 N	contact of gabbro sill & argillite	dk green/black		2-4% py as dissem. 1% aspy	qtz eyes ≥ 2 mm 276/69
2 ER 416	1.0 chip	1.0	116 A4 655100 E 7124800 N	gabbro sill	dk green	Chloritic limonitic	2-4% py tr po tr aspy	

Sample No.	Interval (m)	Width (m)	Location region/UTM (if available)	Rock Type	Colour	Alteration	Mineralization	Observations
2 ER 417	1.0 chip	1.0	116 A4/ 655200 E 7124600 N	mafic dyke/ argillite/SST	dk green/black		2-4% py tr po	
2 ER 418	1.0 chip	1.0	116 A4/ 655200 E 7124600 N	mafic dyke/ argillite SST	dk green/black		10% py, 2% aspy	qtz flooded nr contact w\ seds
2 ER 419	1.0 chip	1.0	116 A4/ 655200 E 7124600 N	mafic dyke	dk green		2-4% py tr po tr aspy	20 m wide dyke cross-cutting seds
2 ER 420	1.0 chip	1.0	116 A4/ 655200 E 7124500 N	felsic dyke	light grey		1-2% py 1-2% aspy qtz	contact w\ seds qtz. flooded sm. ≥ 3 mm veinlets
2 ER 421	1.0 chip	1.0	116 A4/ 655100 E 7124800 N	mafic dyke	dk green	Chloritic	2% py 1% aspy	0-1m, 20 m wide dyke
2 ER 422	1.0 chip	1.0	116 A4/ 655100 E 7124800 N	mafic dyke	dk green	Chloritic	2% py 1% aspy	1-2 m
2 ER 423	1.0 chip	1.0	116 A4/ 655100 E 7124800 N	mafic dyke	dk green		1% dissem py tr aspy	2-3 m
2 ER 424	1.0 chip	1.0	116 A4/ 655100 E 7124800 N	mafic dyke	light green		1% py, calc, qtz.	3-4 m
2 ER 425	1.0 chip	1.0	116 A4/ 655100 E 7124800 N	mafic dyke	dk green	Chloritic	1-2% py 4-5% cpy tr po	4-5 m
2 ER 426	1.0 chip	1.0	116 A4/ 655100 E 7124800 N	mafic dyke	grey/black		2% po 1% dissem py	5-6 m

Sample No.	Interval (m)	Width (m)	Location region/UTM (if available)	Rock Type	Colour	Alteration	Mineralization	Observations
2 ER 427	1.0 chip	1.0	116 A4/ 655100 E 7124800 N	mafic dyke	grey/black		2% po	6-7 m
2 ER 428	1.0 chip	1.0	116 A4/ 655100 E 7124800 N	mafic dyke	dk green		3-5% py 2% po	7-8 m
2 ER 429	1.0 chip	1.0	116 A4/ 655100 E 7124800 N	mafic dyke, gabbro?	dk green		1% py tr po carb	8-9 m sm ≥ 2 mm calcite veins
2 ER 430	1.0 chip	1.0	116 A4/ 655100 E 7124800 N	mafic dyke	dk green		2% py tr po	9-10 m chlorite/olivine rich
2 ER 431	1.0 chip	1.0	116 A4/ 655100 E 7124800 N	mafic dyke	dk green		2% py tr po	10-11m
2 ER 432	1.0 chip	1.0	116 A4/ 655100 E 7124800 N	mafic dyke	dk green	Chloritic	1-2% py tr aspy	11-12 m
2 ER 433	1.0 chip	1.0	116 A4/ 655100 E 7124800 N	mafic dyke	dk green		1% aspy tr po	12 –13 m small calcite eyelets ≥ 2 mm
2 ER 434	1.0 chip	1.0	116 A4/ 655100 E 7124800 N	mafic dyke	dk green		2% po 1% py	13 –14 m
2 ER 435	1.0 chip	1.0	116 A4/ 655100 E 7124800 N	mafic dyke	dk green/ black	Chloritic	5% disseminated py	14-15m, gouge zone 0.5 m wide
2 ER 436	1.0 chip	1.0	116 A4/ 655100 E 7124800 N	mafic dyke	light green		qtz flooded 2-5% py tr aspy	15-16 m siliceous

Sample No.	Interval (m)	Width (m)	Location region/UTM (if available)	Rock Type	Colour	Alteration	Mineralization	Observations
2 ER 437	1.0 chip	1.0	116 A4/ 655100 E 7124800 N	mafic dyke	light green		qtz flooded 2-5% py	16-17 m
2 ER 438	1.0 chip	1.0	116 A4/ 655100 E 7124800 N	mafic dyke	dk green		2% po as dissem. 3-5% py	17-18 m
2 ER 439	1.0 chip	1.0	116 A4/ 655100 E 7124800 N	mafic dyke	dk green	Chloritic	3-5% py 2% po	18-19 m
2 ER 440	1.0 chip	1.0	116 A4/ 655100 E 7124800 N	mafic dyke	dk green		2% po tr aspy	19-20 m
2 ER 441	1.0 chip, end of trench	1.0	116 A4/ 655100 E 7124800 N	mafic dyke/ argillite shale	dk green/black		2% dissem py tr po	20-21 m contact w\ seds
2 ER 442	1.0 chip	1.0	116 A4/ 655100 E 7124800 N	siltstone/ argillite	brown/black		1% po	0-2 m
2 ER 443	1.0 chip	1.0	116 A4/ 655100 E 7124800 N	siltstone	dk brown		2-5% dissem py 1% po	f.g., sm ≥ 2 mm calcite eyes 2-4 m
2 ER 444	1.0 chip	1.0	116 A4/ 655100 E 7124800 N	siltstone/ argillite	brown/black		2-5% dissem py/ calcite	f.g. 4-6 m
2 ER 445	1.0 chip	1.0	116 A4/ 655100 E 7124800 N	siltstone/ argillite	brown/argillite		5% dissem py	6-8 m

Sample No.	Interval (m)	Width (m)	Location region/UTM (if available)	Rock Type	Colour	Alteration	Mineralization	Observations
2 ER 446	1.0 chip	1.0	116 A4/ 655100 E 7124800 N	felsic dyke	light grey		tr – 1% py tr po tr aspy	qtz rich cross-cuts seds 12-14 m
2 ER 447	1.0 chip	1.0	116 A4/ 655100 E 7124800 N	felsic dyke	light grey		tr po tr aspy	small argillite frags in dyke 14-16 m
2 ER 448	2.0 chip	2.0	116 A4/ 655100 E 7124800 N	felsic dyke	light grey		2-5% dissem py 1% blebby aspy	16-18 m
2 ER 449	2.0 chip	2.0	116 A4/ 655100 E 7124800 N	felsic dyke	light grey		2-5% dissem py 1% aspy	18-20 m siliceous
2 ER 450	2.0 chip	2.0	116 A4/ 655100 E 7124800 N	contact of felsic dyke/ seds	light grey/black		1% py tr po	20-22 m 287/34 E
2 ER 451	2.0 chip	2.0	116 A4/ 655100 E 7124800 N	contact of felsic dyke/ seds	light grey/black		1-2% py	30-32 m f.g.
2 ER 452	2.0 chip	2.0	116 A4/ 655100 E 7124800 N	felsic dyke	grey		1-3% py qtz tr po	32-34 m f.g.
2 ER 453	2.0 chip	2.0	116 A4/ 655100 E 7124800 N	felsic dyke seds contact	light grey		1-2% py, qtz	34-36 m qtz
2 ER 454	2.0 chip	2.0	116 A4/ 655100 E 7124800 N	argillite/ siltstone	black	Limonitic	1-3% dissem py	36-38 m

Sample No.	Interval (m)	Width (m)	Location region/UTM (if available)	Rock Type	Colour	Alteration	Mineralization	Observations
2 ER 455	2.0 chip	2.0	116 A4/ 655100 E 7124800 N	siltstone/ argillite interbedded	dk brown/black		1% po 2% py	44-46 m
2 ER 456	2.0 chip	2.0	116 A4/ 655100 E 7124800 N	argillite	black	Limonitic	1% py 2% py	46-48 m 262/54 E
2 ER 457	2.0 chip	2.0	116 A4/ 655100 E 7124800 N	argillite			2% dissem py carb	48-50 m brittle/fractured carb as veinlets
20 ER 0011	0-0.5	0.5	Area E	qtz-chalcedony		strly sil	1-2% euhedral py	wk drusy vugs, slickensides, mostly leached
20 ER 0012	Grab	Grab	Area E	vein porphyry grey qtz qtz-vein stockwork frags granodiorite			grey f.g. sx, py	very limonitic, f.g. sulphides
20 ER 0013	0-3.5	3.5	Area E	granodiorite with qtz chalcedony vein stockwork		modly-strly sil		limonitic with vuggy veins, f.g. grey material
20 ER 0014	Grab	Grab	Area E	granodiorite		mod arg alt.		

Sample No.	Interval (m)	Width (m)	Location region/UTM (if available)	Rock Type	Colour	Alteration	Mineralization	Observations
20 ER 0015	Grab	Grab	Area E	lithic tuff	grey-green	Strlysil		elongate white-grey angular frags in a grey-green band siliceous matrix
20 ER 0017	Grab	Grab	Area E	f.g. qtz				limonitic quartz-carbonate material in fault, f.g. – qtz (1st phase) brecciated and veined with cakite, ankerite and siderite
20 ER 0018	Grab	Grab	Area E	Qtz vein and f.g. quartzite	Whitish	modly-strly sil	3% aspy, 1% cpy, <1% po	str lim, lineament
20 ER 0019	Grab	Grab	Area E	Siltite and quartz vein	Tan		1-2% dissem py	Strly fissile, suggy quartz vein
20 ER 0020	Grab	Grab	Area E	Argillite/siltite	Grey-white			Vuggy, limonite, 5% quartz vein stockwork
20 ER 0022			Area E	Argillite			1% po	v. strly foliated argillite, taken across lineament mod-str lim

Sample No.	Interval (m)	Width (m)	Location region/UTM (if available)	Rock Type	Colour	Alteration	Mineralization	Observations
20 ER 0023	Grab	Grab	Area E	Qtz vein	white	strly sil	1% cpy and <1% chalcocite	High grade of qtz vein subcrop, vein approx lm wide, tr mal and az
20 ER 0024	Grab	Grab	Area E	Siltite		wk-modly sil		10% qtz vein stockwork
20 ER 0025	Grab	Grab	Area E	Qtz vein and bx			1% cpy	Subcrop hosted in tightly folded argillites, tr mal. On strike with sample 20 ER 0023
20 ER 0026	Grab	Grab	Area E	Argillite	gry-bk		<1% py	Wallrock to sample 20 ER 0025 folded argillite
20 ER 0027	Grab	Grab	Area E	Granodiorite			<1% gn, 1% cpy, 1-2% py	30% qtz vein stockwork, tr mal, calcite filling qtz veins, tr lim and ankerite
20 ER 0028	Grab	Grab	Area E	Carbonate vein	White-gry		1-2% py	Subcrop
20 ER 0029	Grab	Grab	Area E	Argillite			1-10% gn, <1% cpy	Subcrop – skarn, abundant Mnox, Fe ox

Sample No.	Interval (m)	Width (m)	Location region/UTM (if available)	Rock Type	Colour	Alteration	Mineralization	Observations
20 ER 0030	Grab	Grab	Area E	Argillite		Strly sil	2-3% py	Limonitic, py (barded, dissem, blebs)
20 ER 0031	Grab	Grab	Area E	Sedimentary ?		Str carb-lim		Str calcite veins and carbonate bx, lineament, possible fault
20 ER 0032	Grab	Grab	Area E	Argillite				Strly frac, lim, adjacent to fault
20 ER 0033	Grab	Grab	Area E	Qtz – carb bx			<1% cpy	Approx 60 cm wide, ankerite – limonite matrix, tr vugs
20 ER 0034	Grab	Grab	Area E	Biotile dionte			3-5% fine dissem py	f.g., adjacent to contact
20 ER 0035	Grab	Grab	Area E	Porphyritic andesite			5-10% dissem py	Feldspar phyric, some fragments and pyrite crystals replaced by lim
20 DR 0036	Grab	Grab	Area D	Diorite				, subcrop, m.g., with biotite and feldspar phenos
20 CR 0038	Grab	Grab	Area C	Argillite				Subcrop, bleached, with lim along fracs
20 CR 0039	Grab	Grab	Area C	Chert/argillite and bx				Same bx with limonitic matrix, wk qtz stringers <2mm

Sample No.	Interval (m)	Width (m)	Location region/UTM (if available)	Rock Type	Colour	Alteration	Mineralization	Observations
20 CR 0040	Grab	Grab	Area C	Chert/argillite			2-3% dissem py	Wk lim
20 BR 0041	Grab	Grab	Area B	Qtz vein and bx				Talus below outcrop of qtz vein and qtz argillite bx, vuggy with quartz crystals <1cm mod lim
20 BR 0043	Grab	Grab	Area B	Feldspar porphyry				Str lim, wk-mod carb, buggy qtz veins <3cm
20 BR 0044	Grab	Grab	Area B	argillite				str lim
20 N2 R001	Grab	Grab		Sandstone				3% qtz-veins <1 cm, Mn Ox in fractures
20 N2 R002	Grab	Grab		Granodiorite		wk chl alt		c.g., 10-20% vuggy qtz veins, <5 cm, wk leaching
20 N3 R001	0-5	5.0		Biotite porphyry sill				Bleached, wk qtz and carb-ankerite-lim veins wk gossan

Sample No.	Interval (m)	Width (m)	Location region/UTM (if available)	Rock Type	Colour	Alteration	Mineralization	Observations
20 N3 R002	0-1	1.0		Qtz-carbonate vein				Vuggy, MnOx in fractures, wk carbonate replaced by limonite
20 BO R001	Float	Float		Argillite and granodiorite		strly sil	<1% py	Talus
20 N4 R001	Grab	Grab		Argillite and quartzite		wk chl alt		Subcrop with 20-25% vuggy qtz vein, wk lim, near intrusive contact
20 N4 R002	Grab	Grab		Qtz-feldspar (biotite) porphyry				wk bleaching, wk lim, subcrop
20 N7 R001	Grab	Grab		Argillite in limestone				str lim in argillite bed in limestone
20 N7 R002	Grab	Grab		Limestone				str lim, quartz and calcite bx float within yellow-orange gossan

APPENDIX 4

Thin Section Descriptions
Vancouver Petrographics Ltd.

Vancouver Petrographics Ltd.

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Invoice 980009
January 11, 1997

Report For International Kodiak Resources Inc.
William S. Chornobay, Director
1210 - 675 West Hastings Street,
Vancouver, B.C.
V6B 1N2
Tel: 604-682-1845
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Samples: 3AR236, 3AR0231, 20ER002, 5DR0629, 19CR0014, 6BR3A, 19G050, 3AR0235A, 4A561, 19ER-35 2ER284 19ER0029 19ER0030 11DR0313 19G052 11ER0116 Float 39900E;16000N, 19ER027, 4ER259, 19B071, 19BR058, 19ER0025, (19 PTS, 3 TS)

Note: Detail field relationship descriptions were not included with sample submission and Vancouver Petrographic personnel were not involved in sample collection.

Summary: This suite of rocks is from the Oki-Doki Property in the Western Yukon, Dawson City area, adjacent to the operating Brewery Creek Gold Mine.

These rocks can be subdivided into the following broad categories:

A) Siliceous, Iron-oxide-rich brecciated quartzite and quartzite breccia (samples 1, 2 &4)
B) Mineralized quartz ± ankerite ± calcite (sphalerite, arsenopyrite, hematite, pyrrhotite, chalcopyrite and pyrite) (Samples 3, 6, 11, 12, 18, 19)
C) 1 - Potassium feldspar-bearing hypidiomorphic intrusives (samples 9, 10, 13, 16 & 21) or
   2 - Potassium feldspar-bearing porphyries (samples 8, 15, 17, 20 & 21).
D) Intensely altered rocks - vuggy quartz alteration, indicative of acid sulphate leaching in an epithermal environment (samples 8, 14, 18, 19, 20 & 22)

The alteration assemblages are dominated by vuggy silicification, introduction of iron oxides (hematite/goethite) and pervasive kaolinite/dickite (clay minerals).

Individual rock names are summarized below and separate detailed petrographic descriptions of each specimen are attached:

1) 3AR236: Friable, very ferruginous, silicified and argillic altered quartzite breccia.
2) 3AR0231: Goethite-bearing, highly silicified, moderately argillic altered quartzite breccia.
3) 20ER002: Sphalerite-hematite-bearing quartz-ankerite vein.
4) 5DR0629: Silicified, iron-oxide-bearing argillaceous quartzite.
5) 19CR0014: Fine grained, bedded, siliceous, slightly nodular barite.
6) 6BR3A: Chalcopyrite-bearing, coarse crystalline calcite vein.
7) 19G050: Silicified and argillic altered, slightly feldspathic, fine quartz pebble conglomerate.
8) 3AR0235A: Very silicified, very kaolinized and muscovite altered feldspar porphyry.
9) 4A561: Slightly chloritized, weakly porphyritic, biotite-hornblende quartz monzonite.
10) 19ER-35: Chalcopyrite-pyrrhotite-bearing, intensely and complexly potassic altered (tremolitic) diorite. (alteration: carbonatized, saussuritized, kaolinite, sphene, orthoclase, chlorite and tremolite)
11) 2ER284: Highly carbonatized, chloritic, potassic altered, brecciated tremolite hornfels.
12) 19ER0029: Intensely carbonatized, silicified and tremolite altered, arsenopyrite-bearing quartzite-hornfels.
13) 19ER0030: Very carbonatized, chloritized and kaolinized orthoclase-quartz (monzonite) porphyry.
14) 11DR0313: Intensely kaolinized, completely vuggy quartz altered, feldspar porphyry.
15) 19G052: Moderately kaolinized, carbonatized and chloritized biotite-quartz-plagioclase-orthoclase monzonite porphyry.
16) 11ER0116: Moderately carbonatized, uralitized, melanocratic monzonite. (+ arsenopyrite)
17) Float 39900E;16000N: Intensely kaolinized, silicified, vuggy quartz altered, feldspar porphyry.
18) 19ER027: Massive arsenopyrite in quartz-dickite brecciated vein.
19) 4ER259: Vuggy quartz-dickite-muscovite brecciated vein.
20) 19B071: Intensely kaolinized, silicified and orthoclase altered, feldspar porphyry
21) 19BR058: Silicified, kaolinized, ferruginous quartzite breccia
22) 19ER0025: Variably silicified, tremolite altered and vuggy silica altered, quartz sandstone

Alteration

Specimens 8, 18, 19, 20 and 22 are well developed examples of vuggy quartz alteration typical of acid sulphate leaching in an epithermal precious metal system. Vuggy quartz alteration forms by reaction of extremely low pH aqueous fluids or vapours with the host rocks. These fluids effectively remove all components in the rock apart from SiO_2 and TiO_2, leaving residual vuggy quartz. On the margins of this type of alteration zone, vuggy silica may grade into quartz-alunite and quartz-kaolinite (or pyrophyllite) alteration. This change reflects the partial neutralization of the low pH fluids during wall rock interaction. Low pH fluids are commonly of magmatic origin and vuggy silica alteration often form the cores of high-sulfidation precious metal systems.

Intense kaolinite and dickite ($Al_2Si_2O_5(OH)_4$ which are polymorphs, occur in specimens 8, 14, 17, 19, 20 and 21. The Kaolinite is mainly very fine grained anhedral platy flakes whereas dickite forms more feathery fine grained aggregates. These clay minerals are indicative of formation at a pH of around 3 to 4 in the marginal argillic zone of high sulfidation systems (kaolinite forms under low-temperature conditions <150-200°C, in contrast, dickite forms at higher temperatures <200-250°C transitional to those for pyrophyllite.

Tremolite is abundant in specimens 10, 11 and 12. Tremolite ($Ca_2(MgFe^{+2})_5(Si_8O_{22})(OHF)_2$ development is often associated with potassic alteration and mineralization of intrusion related systems.

Reflecting Minerals

Sphalerite is abundant in specimen 3 and arsenopyrite dominates specimens 18 and 19. Subsidiary reflecting minerals are pyrite, chalcopyrite, pyrrhotite and sphalerite. Hematite [Fe_2O_3, trigonal] and botryoidal goethite [$\approx$ FeO(OH), orthorhombic] are pervasive in specimens 1, 2, 5, 8, 14, 21 and 22. Some of the fracture filling botryoidal goethite has iridescent weathering. Occasionally hematite and goethite are delicately laminated in alternating layers. Some of the fracture and breccia infilling has a first phase jarosite [$KFe_3(SO_4)_2(OH)_4$, trigonal].

Calcite alteration may be regionally extensive and not always related to mineralization. However, different carbonates, such as dolomite, ankerite (specimen 3) or siderite may indicate patterns related to wall rock alteration in and around mineralized veins or shear zones. Several simple field tests are available (for example boiling in copper nitrate or Alizarin Red Stain). I recommend that, in the future, rocks are routinely stained in the field to differentiate carbonate minerals..

The number of samples containing significant but varying amounts of potassium feldspar suggests that a simple field kit for k-spar staining may give important information in the field regarding rock nomenclature and potassic alteration. This need is highlighted by the occurrence (#19 -106052) of very white orthoclase phenocrysts which in the field may be mistakenly identified as plagioclase.

If a precise identification of the clay minerals or possible electrum grain is required, I would recommend having some X-ray diffraction or scanning electron microscopy studies completed.

If you have any questions regarding the attached petrographic descriptions or would like other specific lines of inquiry addressed, please call me at 970-6402.

Yours truly,

J.T. (Jo) Shearer, M.Sc., P.Geo.

-- PETROGRAPHIC DESCRIPTION --

FOR: International Kodiak Resources Inc. ATTN.: William S. Chornobay

SPECIMEN NUMBER: 3AR236

HANDSPECIMEN DESCRIPTION:

Rusty weathering, Highly brecciated texture, Rusty iron oxide-rich, poorly indurated fine grained matrix, Gossonous, Fragments are mainly angular and range up to 24mm across but average 4mm or less, Fragments are all composed of translucent cherty light grey fine grained quartzite, Some indistinct black laminations are present in the largest fragments, Non-magnetic, Fragments are commonly crosscut by sparse narrow quartz veinlets but the veinlets do not continue into the matrix, Insitu brecciation, Adjacent fragments often fit together, No calcite content, Very porous, Numerous small cavities, No sulfides observable in handspecimen, No potassium feldspar content.

HANDSPECIMEN NAME: Friable, very ferruginous, slightly siliceous, quartzite breccia

THINSECTION EXAMINATION:

ESTIMATED MODE:

7%	Quartz
31%	Quartz (secondary hydrothermal silica)
15%	Hematite/goethite/jarosite (fracture filling)
17%	Clay minerals (dickite)
24%	Less altered groundmass (very fine grained)
1%	Pyrite
5%	Cavities

Quartz forms a fine grained almost cherty assemblage of interlocking grains 0.01mm in diameter intimately mixed with slightly coarser feathery aggregates of dickite (clay mineral). Some fragments are cut by microquartz veinlets up to 0.02mm wide.

Dickite also forms veinlets (up to 0.15mm wide) and irregular patches. Occasionally dickite completely replaces small fragments. Spherical structures up to 0.08mm in diameter outlined by coarser dickite are distributed throughout the specimen.

Small parts of the specimen are considerably finer grained than the assemblage described above. This very fine grained material appears to be the original unaltered portion of the rock.

The less altered parts of the section contain very finely divided, sparsely disseminated pyrite in widely spaced grains up to 0.003mm.

The space between the large fragments is filled with hematite/goethite rimming small angular fragments (mainly less than 0.05mm) in a matrix or cement of dark jarosite. The hematite rims seldom exceed 0.006mm in thickness.

ROCK NAME: Friable, very ferruginous, silicified and argillic altered quartzite breccia

-- PETROGRAPHIC DESCRIPTION --

FOR: International Kodiak Resources Inc. ATTN.: William S. Chornobay

SPECIMEN NUMBER: 3AR0231

HANDSPECIMEN DESCRIPTION:

Buff-brown weathering, Abundant black manganese and goethite staining on weathered surface, Angular pitted surface common, Very brecciated texture, Very siliceous matrix, Well indurated, Iron oxides abundant in matrix, Drusy botryoidal goethite coating angular cavities throughout, Moderately porous, Fragments are all translucent light grey to light brown quartzite, Very angular fragments, No potassium feldspar content, No calcite present.

HANDSPECIMEN NAME: Goethite-bearing, very siliceous, quartzite breccia

THINSECTION EXAMINATION:

ESTIMATED MODE:

15%	Quartz
46%	Quartz (secondary hydrothermal silica)
10%	Hematite
8%	Goethite
4%	Jarosite
9%	Clay minerals (dickite)
1%	Pyrite
7%	Cavities

Quartz forms an interlocking mosaic of grains averaging about 0.04mnm in diameter (distinctly coarser grained than specimen 3AR236). There is also less clay mineral content overall.

Secondary, coarser crystalline quartz veinlets are abundant up to 0.3mm wide containing individual grains >0.2mm wide. Commonly the edges of fragments have coarser quartz grains apparently due to the overall brecciation taking place along the pre-existing veinlets and fractures. Brecciation can be characterized as largely "in-situ".

The space between fragments has been filled with hematite and goethite rimming small angular fragments and jarosite infilling.

Goethite as finely botryoidal masses forms the outer layer coating the open spaces or vugs and infilling fractures up to 0.04mm thick. Hematite coats the larger cavities in a layer up to 0.01mm wide. Some cavities are filled with delicately banded or laminated alternating hematite and goethite.

Lessor Jarosite appears to have been the first phase of iron minerals to infill the breccia fractures. Traces of fine grained pyrite occurs in the jarosite masses.

ROCK NAME: Goethite-bearing, highly silicified, moderately argillic altered quartzite breccia

-- PETROGRAPHIC DESCRIPTION --

FOR: International Kodiak Resources Inc. ATTN.: William S. Chornobay

SPECIMEN NUMBER: 20ER002

HANDSPECIMEN DESCRIPTION:

Very rusty weathering, Highly carbonate-rich, Irregular patches of white calcite up to 8mm across, Abundant dark brown coarse crystalline anhedral sphalerite, Hydrozincite crusts on weathered surface, Fleshy brown-yellow fine grained open space filling quartz-silica-ankerite (concentric laminated) associated with the sphalerite, Central cavities occupy the middle of these silica zones, Quartz also occurs as clear euhedral crystals up to 1mm in length, Some of the sphalerite has been cut by narrow calcite veinlets, There are a few white chalky subrectangular fragments up to 10mm in length, Non-magnetic.

HANDSPECIMEN NAME: Sphalerite-bearing, open space filling, quartz-ankerite-calcite vein-breccia

THINSECTION EXAMINATION:

ESTIMATED MODE:

39%	Quartz
12%	Calcite
18%	Ankerite
14%	Sphalerite
Trace	Chalcopyrite
Trace	Pyrite
1%	Hematite
7%	Jarosite
5%	Cavities
4%	Dickite
Trace	Diaspore

Ankerite forms large sparry lenses which terminate in curved saw-tooth crystal faces projecting into cavities. Much of the ankerite is stained yellow-brown by iron oxides and jarosite. Near the centres of the ankerite lenses the crystals show repeated overgrowths. The outer edges are coated with a distinctly finer grained calcite. Many of the sphalerite grains are totally enclosed by ankerite.

Quartz forms mainly euhedral crystals up to 1.5mm in length. Quartz appears to be a slightly earlier stage mineral since some quartz crystals are slightly replaced by ankerite.

Sphalerite forms large, coarse crystalline anhedral grains >3mm in width. All of the sphalerite is distinctly poikioblastic with very narrow linear gangue inclusions mainly along twin boundaries on the sphalerite. Some of the larger sphalerite lenses have euhedral quartz cross-sectional inclusions up to 0.08mm in diameter. Pyrite forms rare, small, square, 0.006mm inclusions in sphalerite. Chalcopyrite also forms inclusions in sphalerite up to 0.03mm in length. Sphalerite often is associated with isolated narrow, elongated quartz crystals within the ankerite mass.

One quartz "fragment" containing veinlets of feathery dickite is rimmed by a thin layer of hematite and minor sphalerite. The dickite veinlets are associated with traces of diaspore [AlO(OH)] as angular grains up to 0.1mm in length.
Calcite forms microveinlets, 0.01mm wide which cross-cut sphalerite and quartz.

ROCK NAME: Sphalerite-hematite-bearing quartz-ankerite vein

-- PETROGRAPHIC DESCRIPTION --

FOR: International Kodiak Resources Inc. ATTN.: William S. Chornobay

SPECIMEN NUMBER: 5DR0629

HANDSPECIMEN DESCRIPTION:
Red brown weathering-iron oxide staining, Some iridescent goethite on fragment-fracture surfaces, Dark brownish grey, Very fine grained cherty quartzite, Highly fractured, Incipient brecciation by clear quartz veinlets, Numerous angular cavities often filled with black botryoidal goethite which is sometimes iridescent, No calcite present, Very porous,

HANDSPECIMEN NAME: Goethite infilling, highly fractured, very silicified, brecciated quartzite

THINSECTION EXAMINATION:

ESTIMATED MODE:

41%	Silica (groundmass chert)
33%	Clay minerals (kaolinite/dickite groundmass)
15%	Quartz (secondary hydrothermal silica)
2%	Goethite
5%	Hematite
4%	Jarosite

The bulk of the rock is an exceedingly fine grained assemblage of clay minerals and chert which appears to be largely unaltered. Numerous rounded to spherical structures are sparsely disseminated throughout as marked by slightly coarser grained quartz.
Quartz forms discontinuous cross-cutting veinlets up to 0.1mm wide which cross the hematite/goethite filled fractures with little or no off-set. Some of these quartz veinlets are parallel or along side the hematite filled fractures.
The fractures or intra-fragment space has been filled with open-space filling hematite and goethite. Goethite/jarosite appears to have been the earliest phases coating the fracture walls with a layer 0.015mm wide. Next is a similar thickness of hematite, then the fracture is filled with botryoidal goethite up to 0.2mm thick characterized by finely laminated habit.

ROCK NAME: Silicified, iron oxide-bearing argillaceous quartzite

-- PETROGRAPHIC DESCRIPTION --

FOR: International Kodiak Resources Inc. ATTN.: William S. Chornobay

SPECIMEN NUMBER: 19CR0014 (thinsection)

HANDSPECIMEN DESCRIPTION:
Yellowish brown weathering, Dark grey to black silty (finely granular) weathering skin, High S.G. (baritic?), Indistinct nodular pattern on sawn surface, Non-magnetic, Fine flakes throughout giving a sugary appearance, Black finely stylotitic fractures, Minor cavities, Fractures coated with white sugary barite.

HANDSPECIMEN NAME: Fine grained, silty, bedded, slightly nodular barite

THINSECTION EXAMINATION:

ESTIMATED MODE:

46%	Barite
8%	Jarosite
43%	Chert
3%	Cavities

The entire rock is composed of bladed barite crystals averaging about 0.2mm in length. Barite ($BaSO_4$) is orthorhombic and optically positive, typically with weak low order birefringence and there is cleavage in three directions at angles of 90° and 78°. Barite has a hardness of 3 to 3.5 and S.G. of 4.48. Occasionally, there are rounded structures with coarser blades up to 1.1mm in length arranged in a rough radial pattern. Commonly the core of these radial structures is a fine grained assemblage of chert and jarosite. The largest barite blades have tiny inclusions <0.02mm of what appears to be calcite.
The specimen is cut by numerous through-going fractures stained by moderate concentrations of jarosite. Often the barite or chert lenses are outlined by a layer or fracture filled with jarosite.

ROCK NAME: Fine grained, bedded, siliceous, slightly nodular barite

-- PETROGRAPHIC DESCRIPTION --

FOR: International Kodiak Resources Inc. ATTN.: William S. Chornobay

SPECIMEN NUMBER: 6BR3A

HANDSPECIMEN DESCRIPTION:
Brownish weathering (near mineralization) and uniform medium grey weathering, White to creamy, Very coarse grained milky calcite, Curved calcite crystals common, Large irregular "nodules" of chalcopyrite 12mmx35mm and larger, These chalcopyrite nodules contain minor quartz, Traces of malachite, Minor small lenses of chalcopyrite throughout, Well fractured, Non-magnetic, Linear cavities common along fractures, Slight brecciation along fractures, Traces of hydrozincite on weathered surface,

HANDSPECIMEN NAME: Chalcopyrite bearing, coarse crystalline, calcite vein

THINSECTION EXAMINATION:

ESTIMATED MODE:

93%	Calcite (coarse, sparry)
0%	Chalcopyrite (none found in thinsection)
5%	Cavities
1%	Fine grained calcite
1%	Jarosite

Virtually the entire specimen consists of very coarse crystalline sparry calcite. Some of the coarse calcite "sheets" have slightly curved polysynthetic twin lamellae.
A few fractures contain traces of jarosite and minor granulated, fine grained calcite.

ROCK NAME: Chalcopyrite-bearing, coarse crystalline calcite vein
(Note: Another polished section should be cut containing the chalcopyrite nodules to determine if there are any minor reflecting minerals associated with the chalcopyrite)

-- PETROGRAPHIC DESCRIPTION --

FOR: International Kodiak Resources Inc. ATTN.: William S. Chornobay

SPECIMEN NUMBER: 19G050

HANDSPECIMEN DESCRIPTION:

Light brownish weathering, Fine well rounded to subrounded clasts, Tight framework grain supported, 65% of clasts are translucent vitreous quartz grains, 15% of clasts are clay mineral -rich slightly more angular clasts, Average clast size is about 2.0mm in diameter, Matrix is iron oxide stained by dark goethite and appears to be clay-rich, The handspecimen shows cross-cutting quartz veins up to 9mm wide, There is one dark schistose clast 6.0mm in length, Non-magnetic, No potassium feldspar content, No calcite present

HANDSPECIMEN NAME: Slightly silicified quartz clast fine pebble conglomerate

THINSECTION EXAMINATION:

ESTIMATED MODE:

60% Quartz (framework clasts)
25% Quartz (secondary hydrothermal silica)
6% Clay rich clasts (illite?)
<1% Goethite
<1% Pyrite
3% Jarosite
Trace Chlorite
Trace Calcite
4% Muscovite
Trace Diaspore

Quartz forms large sedimentary, framework clasts up to >3mm in length. Most of the clasts have undulatory extinction and some grains have distinct internal sutured grain boundaries. Suggesting that this rock has undergone considerable differential stress perhaps due to nearby faulting. The clast edges have been slightly replaced by elongate flakes of muscovite and a fine fibrous assemblage of chlorite and clay minerals (illite?). Rare grains of diaspore (at 28.4x58.8 and diaspore crystal at 27.2x54.0) noted associated with the clay minerals and jarosite.

A few, apparently feldspathic, clasts are now largely replaced by fine grained quartz and illite(?) (clay minerals).

Pyrite forms small grains up to 0.05mm within quartz clasts. In one area of the slide pyrite-hematite clusters are up to 0.4mm across. These former subhedral pyrite grains are now approximately 60% banded hematite. Pyrite forms the residual corroded cores of the grains.

Plagioclase forms one angular framework clast 2.05mm in length. It is relatively fresh and slightly stained by jarosite.

ROCK NAME: Silicified and argillic altered, slightly feldspathic, fine quartz pebble conglomerate

-- PETROGRAPHIC DESCRIPTION --

FOR: International Kodiak Resources Inc. ATTN.: William S. Chornobay

SPECIMEN NUMBER: 3AR0235A

HANDSPECIMEN DESCRIPTION:

Rusty brown weathering, Numerous weathered cavities, Chalky white to light grey green, Very clay mineral rich, Highly argillic altered plagioclase ghosts up to 6.5mm in length, Muscovite lining some vugs, Quartz eyes up to 2.0mm in diameter sparsely throughout, Angular vugs about 20% of rock, Vugs lined with very fine crystalline silica and zeolites (?), Very porous, Vuggy quartz alteration indicative of acid sulphate leaching and argillic alteration.

HANDSPECIMEN NAME: Very silicified, vuggy quartz altered, advanced argillic altered, quartz-plagioclase porphyry

THINSECTION EXAMINATION:

ESTIMATED MODE:

1%	Plagioclase ghosts (relict)
18%	Clay minerals (kaolinite replacing plagioclase)
13%	Clay minerals (in groundmass)
14%	Muscovite
2%	Quartz eyes
36%	Quartz (in groundmass)
11%	Cavities (vugs)
2%	Hematite
3%	Jarosite

The large feldspar (orthoclase?) laths are completely replaced by fine grained kaolinite (clay mineral) along a fine rectilinear lattice pattern. Traces of diaspore crystals up to 0.07mm in length are associated with the intense kaolinite alteration.
Smaller plagioclase (?) 1.5mm ghosts are likewise almost completely replaced by coarse crystalline muscovite. Some of the soft muscovite and kaolinite has been plucked out of the relict phenocrysts during preparation of the polished thinsection.
Many of the muscovite altered grains are also filled and replaced by fine grained spongy hematite and jarosite. Quartz forms "eyes" up to 2.0mm in diameter reflecting original constituents. These original eyes are corroded and replaced by the quartz/kaolinite groundmass.
The matrix or groundmass is an equigranular mosaic of 0.05mm grains of mainly residual quartz and lesser clay minerals (kaolinite).
This rock is a well developed example of advanced argillic alteration as a result of acid sulphate leaching.
Hematite also fills narrow fractures.

ROCK NAME: Very silicified, very kaolinized and muscovite altered feldspar porphyry

-- PETROGRAPHIC DESCRIPTION --

FOR: International Kodiak Resources Inc. ATTN.: William S. Chornobay

SPECIMEN NUMBER: 4A561

HANDSPECIMEN DESCRIPTION:

Light brown to dark grey weathering, Light grey speckled appearance, Intrusive medium crystalline hypidiomorphic granular texture, Plagioclase forms abundant subhedral crystals up to 3.0mm in length but average about 1.5mm, Quartz eyes up to 1.5mm in diameter but most quartz is interstitial averaging 0.3mm, Hornblende forms elongate crystals up to 1.0mm in length, Biotite forms small books 1mm in diameter, Potassium feldspar is abundant as small anhedral patches up to 2mm in length, Small rare fragments mafic-plagioclase clots up to 2mm in diameter, No calcite content, Non-magnetic.

HANDSPECIMEN NAME: Biotite-hornblende, slightly porphyritic, quartz monzonite

THINSECTION EXAMINATION:

ESTIMATED MODE:

27%	Plagioclase
6%	Albite/kaolinite (replacing plagioclase)
25%	Orthoclase
2%	Quartz eyes
22%	Quartz (finer grained)
3%	Biotite
8%	Hornblende
2%	Mafic-plagioclase clots
5%	Chlorite
Trace	Epidote
Trace	Magnetite

Biotite occurs as very large, slightly corroded but otherwise unaltered flakes up to 0.9mm in length. Occasionally chlorite replaces some biotite mainly along twin lines. One large biotite flake contains a rounded "inclusion" of sparry calcite 0.3mm in length.
Biotite is replacing earlier phase hornblende along cleavage traces and along the grain boundaries.
Hornblende forms rounded anhedral grains up to 1.0mm in diameter. Much of the hornblende is partially to completely replaced by chlorite. Rarely, epidote or zoisite forms elongate up to 0.17mm crystals within the altered hornblende.
Plagioclase forms anhedral to subhedral large grains and clusters >3mm in diameter. Many plagioclase grains exhibit marked overgrowths, zoning and complex twinning. The original shape of the large phenocrysts appears to have been well rounded. Plagioclase composition generally for unzoned crystals is about An_{52}. The cores of the largest zoned plagioclase crystals and crystal clusters appear albitized associated with minor kaolinite (clay mineral).

Quartz forms mainly anhedral interstitial grains averaging 0.25mm plagioclase laths. Early stage quartz eyes up to 2mm in diameter are distinctly corroded (replaced) around the edges by orthoclase.
Orthoclase occurs as relatively cloudy (due to contained small quartz inclusions) anhedral grains averaging 0.6mm in length. Many of the larger orthoclase grains (>1mm) have numerous 0.1mm rounded quartz inclusions.
There are no reflecting minerals except for traces of magnetite associated with the chlorite alteration of hornblende.
This intrusive rock has had a complex cooling history; probably having an early phase porphyritic plagioclase-hornblende-quartz phenocrysts then developing the strongly zoned and overgrown plagioclase followed by later stage biotite and quartz followed by abundant orthoclase. Final stage was minor chloritization.

ROCK NAME: Slightly chloritized, weakly porphyritic biotite-hornblende quartz-monzonite.

-- PETROGRAPHIC DESCRIPTION --

FOR: International Kodiak Resources Inc. ATTN.: William S. Chornobay

SPECIMEN NUMBER: 19ER-35

HANDSPECIMEN DESCRIPTION:

Light brownish grey weathering, Mottled medium grey, Very altered intrusive appearance, Dominated by "feathery" plagioclase framework, Mainly anhedral plagioclase, Disseminated chalcopyrite throughout with traces of pyrrhotite and hematite, Traces of potassium feldspar immediately adjacent to chalcopyrite grains, Interstitial space filled with fine grained quartz and (?), Plagioclase altered by calcite, Stubby mafics up to 0.5mm appear to be almost completely replaced by chlorite, Relatively strongly magnetic due to pyrrhotite,

HANDSPECIMEN NAME: Chalcopyrite-bearing, moderately carbonatized and chloritized, quartz diorite

THINSECTION EXAMINATION:

ESTIMATED MODE:

24%	Plagioclase
14%	Saussurite (replacing plagioclase)
1%	Orthoclase
2%	Chalcopyrite
17%	Tremolite (late stage)
5%	Quartz
5%	Hornblende (early stage)
13%	Chlorite
8%	Kaolinite
16%	Calcite
31%	Sphene
Trace	Hematite
1%	Pyrrhotite
1%	Cavities
Trace	Sphalerite

The chalcopyrite masses are up to 3.1mm in diameter small and contain rounded inclusions of pyrrhotite up to 0.2mm. Pyrrhotite also forms large masses up to 0.5mm which have 0.2mm highly irregular inclusions of chalcopyrite.

Traces of very small rounded sphalerite <0.05mm inclusions were noted in the pyrrhotite. Much of the pyrrhotite is characterized by curved lamellar exsolution layers of intergrowth of hexagonal and monoclinic pyrrhotite. Occasionally, pyrrhotite and chalcopyrite are intergrown in a lamellar fashion along the edges of larger grains of each mineral. The large chalcopyrite-pyrrhotite grains are rimmed by an irregular layer of orthoclase and quartz. Coarse crystalline muscovite is also intimately associated with chalcopyrite.

Hematite forms irregular to rhombic skeletal grains up to 1.2mm in length in close association with almost opaque, granular, sphene clusters. The abundance of sphene ($CaTiSiO_5$) suggests introduction of titanium.
Plagioclase forms large elongated needle-lath shaped grains up to 1.5mm in length. Plagioclase is mainly highly altered by irregular sphene masses, calcite, hornblende and chlorite. The edges of many plagioclase grains are replaced by saussurite. Often the interstitial space between plagioclase laths is filled with calcite.
Hornblende forms elongate grains up to 1.0mm in length which are now highly altered by chlorite. Late stage tremolite is associated with sphene, chalcopyrite, kaolinite and muscovite around the concentration of mineralization.
Chalcopyrite is mainly associated with late-stage orthoclase, sphene, calcite, tremolite, kaolinite and quartz.
(Note: Other less altered representatives of this rock type should cut for thinsection since the alteration in this specimen is so intense and complex that the original rock type cannot be determined with certainty.)

ROCK NAME: Chalcopyrite-pyrrhotite-bearing, intensely and complexly potassic altered (tremolitic) diorite (?)
(Alteration: carbonatized, saussuritized, kaolinte, sphene, orthoclase, chlorite and tremolite)

-- PETROGRAPHIC DESCRIPTION --

FOR: International Kodiak Resources Inc. ATTN.: William S. Chornobay

SPECIMEN NUMBER: 2ER284

HANDSPECIMEN DESCRIPTION:
Very rusty weathering, Highly brecciated and contorted appearance, Fine grained dark grey matrix with light grey to broken fine grained fragments, Abundant calcite in matrix, Chloritic, Potassium feldspar very abundant in fragments as fine grained pervasive component, K-spar is also disseminated throughout the matrix, Hornfelsic - perhaps contains tremolite, Small lens of pyrite up to 2.0mm occur within the matrix, Euhedral calcite crystals have developed along the edges of the fragments up to 3mm in length, Non-magnetic

HANDSPECIMEN NAME: Very carbonatized and chloritized, potassic altered, pyritic hornfels breccia

THINSECTION EXAMINATION:

ESTIMATED MODE:

19%	Calcite
22%	Tremolite
12%	Chlorite
17%	Quartz
<1%	Pyrrhotite
10%	Orthoclase
3%	Cavities
7%	Clay minerals (kaolinite)
1%	Hematite
Trace	Ilmenite
Trace	Chalcopyrite

Tremolite forms coarse crystalline bundles of fibrous to columnar crystals >5mm in length. These bundles commonly coalesce into almost monominerallic lenses. Tremolite also forms irregular veinlets up to 0.8mm wide.
Orthoclase occurs as small, coarse crystalline lenses within the generally fine grained portion of the slide. Abundant fine grained orthoclase also occurs pervasively throughout the fine grained areas.
Calcite forms wedge shaped crystals within the fine grained groundmass up to 2.8mm in length.
Quartz is abundant in the groundmass as small 0.05mm grains. The original rock was probably a carbonate-rich quartzite.
Ilmenite ($FeTiO_3$) and pyrrhotite occur as small lenses 1.0mm by 3.0mm. The edges of the ilmenite/pyrrhotite grains are replaced by hematite in layers up to 0.2mm wide and exsolution intergrowths.
Hematite is also abundant rimming fragments. Small chalcopyrite grains up to 0.05mm are associated with the coarser orthoclase and quartz lenses.

Tremolite ($Ca_2(MgFe^{+2})_5(Si_8O_{22})(OHF)_2$ development is often associated with potassic alteration and mineralization of intrusion related systems.

ROCK NAME: Highly carbonatized, chloritic, potassic altered, brecciated tremolitic hornfels

-- PETROGRAPHIC DESCRIPTION --

FOR: International Kodiak Resources Inc. ATTN.: William S. Chornobay

SPECIMEN NUMBER: 19ER0029

HANDSPECIMEN DESCRIPTION:

Dark brown to slightly rusty weathering, Dark grey to green slightly mottled with fine grained areas alternating with slightly coarser areas, Mainly fine grained, Extremely calcite-rich as a fine felted mass, Acicular arsenopyrite crystals up to 3mm in length along the edges of a more silica rich lens, Silica lenses up to 22mm in length, Minor chalcopyrite associated with the arsenopyrite, Abundant potassium feldspar closely associated with arsenopyrite, Arsenopyrite has been replaced by fine greenish calcite crystals, Minor malachite on weathered surface.

HANDSPECIMEN NAME: Intensely carbonatized, chloritized and silicified, arsenopyrite-bearing quartzite

THINSECTION EXAMINATION:

ESTIMATED MODE:

35%	Calcite
24%	Tremolite
16%	Quartz (coarse grained, sedimentary)
5%	Quartz (secondary hydrothermal silica)
3%	Arsenopyrite
<1%	Pyrrhotite
6%	Chlorite
Trace	Chalcopyrite
9%	Orthoclase

Arsenopyrite forms large 3.4mm long subhedral rhomb shaped strongly poikioblastic crystals. There are no reflecting mineral inclusions. Most of the gangue inclusions in the arsenopyrite are quartz and tremolite. In places the arsenopyrite is intergrown with fibrous tremolite. One arsenopyrite crystal with very abundant gangue inclusions contains traces of small 0.06mm irregular chalcopyrite inclusions restricted to a narrow zone within the arsenopyrite.

Pyrrhotite forms small irregular thin grains up to 0.2mm in length closely associated with radiating clusters of chlorite. The chlorite lenses are up to 1.5mm in length and are subrectangular in shape.

The bulk of the rock is a felted to feathery mosaic of radiating tremolite intimately intermixed with very fine grained calcite.

Near the contact with the less altered quartz clasts, calcite forms small, up to 0.4mm, sparry lenses. One small area 2mm in diameter, the tremolite crystals are up to 1.6mm in length with interstitial calcite. Tremolite also forms coarse crystalline veinlets.

The quartz framework (sedimentary) grains average about 0.2mm in diameter but are up to 0.6mm in length. These clasts were originally relatively well rounded. They are corroded by fine grained calcite.

ROCK NAME: Intensely carbonatized, silicified and tremolite altered arsenopyrite-bearing quartzite hornfels

-- PETROGRAPHIC DESCRIPTION --

FOR: International Kodiak Resources Inc. ATTN.: William S. Chornobay

SPECIMEN NUMBER: 19ER0030 (thinsection)

HANDSPECIMEN DESCRIPTION:

Buff to light brown weathering, Light grey, Large up to 7mm in length white orthoclase phenocrysts, Overall porphyritic texture, Rounded mafic-rich clots up to 2.5mm in diameter are highly carbonatized, Quartz forms rounded to square eyes up to 1.5mm in diameter, Plagioclase occurs as altered subhedral crystals up to 2mm in length, Hornblende phenocrysts up to 3mm in length are chloritized, Potassium feldspar abundant in groundmass, Quartz has replaced some of the crystal structure of the K-spar phenocrysts

HANDSPECIMEN NAME: Carbonatized and chloritized, potassium feldspar-quartz monzonite porphyry

THINSECTION EXAMINATION:

ESTIMATED MODE:

16% Plagioclase (relict phenocrysts and matrix)
19% Orthoclase (phenocrysts)
15% Orthoclase (in groundmass)
15% Kaolinite (clay minerals, replacing plagioclase)
18% Quartz
6% Chlorite
9% Calcite
2% Hornblende
Trace Biotite
<1% Sphene
Trace Epidote

The large plagioclase crystals up to 2.5mm in length are highly altered by a felted fine grained assemblage of kaolinite (?) (clay minerals) and chlorite.
Orthoclase phenocrysts contain aligned narrow plagioclase inclusions up to 1.4mm in length. Other types of inclusions include biotite and calcite.
Quartz eyes are slightly embayed by the fine grained groundmass. Commonly the quartz eyes are composed of several rounded individual grains up to 0.8mm in diameter.
The groundmass is a fine grained assemblage of orthoclase, quartz and feathery clay minerals (kaolinite?).
Hornblende is almost completely replaced by fibrous chlorite and calcite. In some cases, the altered hornblende ghosts also contain needles of epidote up to 0.15mm in length. Sphene also forms small anhedral lenses distributed throughout, mainly associated with chlorite.

ROCK NAME: Very carbonatized, chloritized and kaolinized orthoclase-quartz monzonite porphyry

-- PETROGRAPHIC DESCRIPTION --

FOR: International Kodiak Resources Inc. ATTN.: William S. Chornobay

SPECIMEN NUMBER: 11DR0313

HANDSPECIMEN DESCRIPTION:

Rusty weathering, Minor leached out cavities, Fractured, Dark brown colour on fresh surfaces, Very porous, Abundant cavities, Fine grained plagioclase needles throughout up to 1.5mm in length, Very leached appearance, No potassium feldspar content, Very porous, Residual vuggy silica due to acid sulphate leaching, Advanced argillic alteration, Possible alunite.

HANDSPECIMEN NAME: Intensely argillic altered siliceous tuff (?) breccia

THINSECTION EXAMINATION:

ESTIMATED MODE:

<1% Plagioclase (needles)
42% Clay minerals (kaolinite)
15% Cavities
40% Quartz (vuggy residual silica)
3% Hematite/jarosite
Trace Pyrite

Long rectangular ghosts up to 1.4mm in length reflecting relict phenocrysts of plagioclase now completely replaced by fine grained felted mass of kaolinite and traces of hematite. Other plagioclase ghosts are dominately replaced by hematite and jarosite with only minor kaolinite.

The matrix is a fine interlocking mosaic of fine grained, relatively equidimensional quartz averaging <0.05mm across and small lenses of kaolinite. This matrix is the residual vuggy silica due to acid sulphate leaching. The abundance of kaolinite suggests that this rock is from the clay mineral-rich margins of the hydrothermal system.

Most of the vugs are rimmed by a thin veneer of hematite on massive jarosite. Pyrite forms small cubes up to 0.01mm across associated with the jarosite cavity filling or on the edges of the larger replaced plagioclase laths.

ROCK NAME: Intensely kaolinized, completely vuggy quartz altered, feldspar porphyry

-- PETROGRAPHIC DESCRIPTION --

FOR: International Kodiak Resources Inc. ATTN.: William S. Chornobay

SPECIMEN NUMBER: 19G052

HANDSPECIMEN DESCRIPTION:

Light to medium brown weathering, Dark grey groundmass with large up to 12mm potassium feldspar phenocrysts, Distinctly porphyritic, The k-spar phenocrysts have abundant quartz and plagioclase in the crystal structure, Plagioclase forms smaller phenocrysts up to 2.0mm in length, Plagioclase appears kaolinized, Quartz forms eyes up to 2mm in diameter, The groundmass is k-spar rich, Hornblende occurs as chloritized ragged grains up to 1.5mm in length, non-magnetic, The quartz eyes have altered rims, Calcite is abundant in the groundmass, Biotite forms very small flakes.

HANDSPECIMEN NAME: Moderately carbonatized, kaolinized and chloritized, hornblende-quartz-plagioclase, potassium feldspar porphyry

THINSECTION EXAMINATION:

ESTIMATED MODE:

6%	Quartz eyes
14%	Plagioclase
10%	Orthoclase phenocrysts
28%	Orthoclase in groundmass
12%	Kaolinite (clay minerals) replacing plagioclase
2%	Hornblende
11%	Chlorite
4%	Sericite
11%	Calcite
2%	Biotite
<1%	Hematite
Trace	Sphene
Trace	Ilmenite
Trace	Chalcopyrite

The very large orthoclase phenocrysts are essentially unaltered except for minor embayments along the crystal margins by the groundmass. These large phenocrysts contain crystal fragments of plagioclase up to 0.8mm in length. The plagioclase fragments can be altered to a fine grained assemblage of kaolinite and muscovite flakes.
The large plagioclase grains are altered to varying degrees by fibrous kaolinite, muscovite and calcite.
Calcite also almost completely replaces the elongated hornblende crystals. Much of the biotite is also altered by chlorite. Some biotite flakes appear to be fresh and unaltered.

Quartz "eyes" are strongly corroded by groundmass. The halos around the quartz "eyes" noted in handspecimen are due to a thin layer or rim of calcite up to 0.06mm wide. The groundmass is composed of a fine grained assemblage of orthoclase laths to 0.1mm, quartz and minor kaolinite.
Sphene forms euhedral crystals up to 0.3mm associated with calcite-kaolinite-quartz alteration of biotite. Some of the sphene is replaced by minor ilmenite. Pyrite forms rounded grains up to 0.1mm in diameter which have been oxidized to hematite on the edges up to 0.02mm wide.
Hematite is also sparsely disseminated throughout, associated with the kaolinite replacing plagioclase.

ROCK NAME: Moderately kaolinized, carbonatized and chloritized, biotite-quartz-plagioclase-orthoclase monzonite porphyry

-- PETROGRAPHIC DESCRIPTION --

FOR: International Kodiak Resources Inc. ATTN.: William S. Chornobay

SPECIMEN NUMBER: 11ER0116

HANDSPECIMEN DESCRIPTION:

Light brown weathering, Dark grey due to abundance of hornblende crystals up to 2.5mm, Plagioclase forms a dense network of subhedral to anhedral grains, Most of the interstitial space between plagioclase and hornblende is filled with potassium feldspar, Some of the hornblende is replaced by chlorite and coarse grained muscovite, Pyrite forms small sparsely disseminated lenses up to 0.2mm in length, Traces of arsenopyrite occur along one side of the specimen.

HANDSPECIMEN NAME: Moderately carbonatized and chloritized, melanocratic, hornblende monzonite

THINSECTION EXAMINATION:

ESTIMATED MODE:

27%	Plagioclase
5%	Kaolinite (replacing plagioclase)
31%	Orthoclase
3%	Biotite
4%	Hornblende
8%	Enstatite
1%	Quartz
3%	Muscovite
11%	Calcite (replacing hornblende, plagioclase & orthoclase)
4%	Chlorite (replacing hornblende)
<1%	Pyrite
1%	Arsenopyrite
1%	Sphene
Trace	Apatite
Trace	Ilmenite

Enstatite (orthopyroxene) forms very coarse crystalline grains 2.8mm in length and 2.4mm wide. Calcite has almost completely replaces some of the smaller enstatite grains. Euhedral sphene is a common minor constituent of the altered enstatite. Some enstatite grains have been uralitized along the edges with fresh hornblende surrounding the uralite. Hornblende is commonly replaced by calcite and minor biotite.

Many of the plagioclase laths are moderately strongly zoned. Plagioclase is only weakly altered overall by minor calcite and kaolinite.

Orthoclase forms large anhedral "cloudy" grains >2mm in length which often have smaller plagioclase "inclusions". The cloudiness appears to be due to minor kaolinite and calcite.

Pyrite occurs as small anhedral elongated lenses up to 0.5mm in length associated with orthoclase grains.

Arsenopyrite forms relatively euhedral grains up to 0.25mm hosted by orthopyroxene and hornblende.
Traces of irregular ilmenite are associated with the euhedral sphene.

ROCK NAME: Moderately carbonatized, uralitized, melanocratic monzonite
(+ Arsenopyrite)

-- PETROGRAPHIC DESCRIPTION --

FOR: International Kodiak Resources Inc. ATTN.: William S. Chornobay

SPECIMEN NUMBER: Float 39900E;16000N

HANDSPECIMEN DESCRIPTION:

Rusty weathering, light to medium grey groundmass with chalky greenish grey plagioclase ghosts up to 6mm in length, Abundant cavities throughout, Very altered stubby mafics are partially replaced by coarse crystalline muscovite, Groundmass appears to be mainly kaolinite (clay minerals) and residual quartz. Typical vuggy silica alteration due to acid sulphate leaching, Non-magnetic, No calcite content, Very porous, Ghost outlines of completely altered k-spar phenocrysts, Trace of bright green fuchsite (?) and relict quartz eyes.

HANDSPECIMEN NAME: Vuggy, intense argillic altered, feldspar porphyry

THINSECTION EXAMINATION:

ESTIMATED MODE:

41%	Clay minerals (kaolinite)
3%	Plagioclase ghosts (replaced by kaolinite)
20%	Quartz (secondary hydrothermal silica)
6%	Quartz (vein silica, late stage)
8%	Muscovite
2%	Chlorite
3%	Hornblende
12%	Cavities
5%	Hematite/jarosite

The groundmass is composed of an interlocking mosaic of equidimensional quartz and kaolinite. This matrix material is the residual result of intense acid sulphate leaching.
Plagioclase forms large, subrectangular ghosts which are now almost completely replaced by fine grained felted kaolinite and minor irregular clumps of hematite/jarosite.
The quartz "eyes" are up to 0.4mm in diameter and are slightly corroded and embayed by groundmass. Quartz also forms slightly coarser grained discontinuous veinlets up to 0.15mm wide and have associated drusy cavities.
Hornblende relicts are now completely replaced by jarosite, hematite, chlorite and muscovite.
Minor hematite and granular jarosite fill and coat the cavities which are distributed throughout the specimen.

ROCK NAME: Intensely kaolinized, silicified, vuggy quartz altered, feldspar porphyry

-- PETROGRAPHIC DESCRIPTION --

FOR: International Kodiak Resources Inc. ATTN.: William S. Chornobay

SPECIMEN NUMBER: 19ER027

HANDSPECIMEN DESCRIPTION:
Rusty weathering, Massive arsenopyrite hosted by light bluish-green vuggy quartz and kaolinite, Some quartz crystals in vugs, Minor pyrite associated with arsenopyrite, Possibly alunite present, Traces of scordite on weathered surface.

HANDSPECIMEN NAME: Massive arsenopyrite associated with euhedral-anhedral quartz vein(?)

THINSECTION EXAMINATION:

ESTIMATED MODE:

38% Arsenopyrite
20% Quartz (coarse grained)
15% Silica (cherty, fine grained)
5% Cavities
18% Dickite (clay mineral)
1% Hematite
1% Chalcopyrite
Trace Azurite
1% Pyrite
Trace Sphalerite
Trace Proustite
Trace Electrum (?)

Massive arsenopyrite forms abundant large, highly fractured grains. Chalcopyrite occurs as irregular inclusions up to 0.08mm across. One isolated chalcopyrite lens is 0.8mm wide associated with sphalerite up to 0.3mm in diameter. Traces of azurite in interstitial space in fractured arsenopyrite in close proximity to chalcopyrite inclusions. Possibly traces of proustite (Ag_3AsS_3). Some large particles of granulated pyrite.
Possible grain of electrum, 0.015mm in diameter at 25.7x69.2 totally enclosed.
Quartz forms coarse grains up to 1.8mm in length often situated along the edge of the arsenopyrite vein. Both quartz and arsenopyrite are highly fractured and the fractures are filled with fine grained feathery dickite (clay minerals). The dickite fracture filling is up to 0.4mm wide and in some cases replaces adjacent quartz.
The fine grained cherty material appears to be less altered host rock indicating that the host rock was probably originally a feldspathic quartzite.

ROCK NAME: Massive arsenopyrite in quartz-dickite brecciated vein

-- PETROGRAPHIC DESCRIPTION --

FOR: International Kodiak Resources Inc. ATTN.: William S. Chornobay

SPECIMEN NUMBER: 4ER259

HANDSPECIMEN DESCRIPTION:

Greenish-buff weathering, Abundant scordite on weathered surface, Massive arsenopyrite forms a vein associated with quartz lenses and a network of dickite (clay mineral) veinlets, The rock is moderately fractured and linear cavities occur along the fracture trace, Non-magnetic.

HANDSPECIMEN NAME: Quartz-dickite-arsenopyrite vein

THINSECTION EXAMINATION:

ESTIMATED MODE:

14%	Arsenopyrite
8%	Quartz (coarse grained)
30%	Quartz (fine grained groundmass)
27%	Kaolinite (clay minerals)
15%	Cavities
5%	Muscovite
1%	Hematite

Quartz occurs as large, highly fractured grains which are variably replaced by muscovite and kaolinite. These quartz grains appear to be an early stage vein filling.
Quartz-(silica) also forms a fine grained mosaic intimately mixed with kaolinite to form the groundmass of the rock. This silica is the residual product of intense acid sulphate leaching.
Kaolinite also occurs in veinlet or fracture filling within the highly fractured arsenopyrite and coarse quartz grains.
Arsenopyrite forms irregular masses which have been brecciated and replaced/infilled with fined grained clay minerals (kaolinite). Arsenopyrite does not contain any inclusions of other reflecting minerals.
Pyrite forms small granulated grains up to 0.06mm in length.

ROCK NAME: Vuggy quartz-dickite-muscovite brecciated vein.

-- PETROGRAPHIC DESCRIPTION --

FOR: International Kodiak Resources Inc. ATTN.: William S. Chornobay

SPECIMEN NUMBER: 19B071

HANDSPECIMEN DESCRIPTION:

Light brown weathering, Light greenish-grey colour, Intensely clay altered, Very light - low S.G., Abundant potassium feldspar in groundmass, Plagioclase phenocryst ghosts up to 4mm in length, No calcite content, Very vuggy, Traces of bright green mica, Residual quartz eyes, Non-magnetic, Coarse, Typical of vuggy silica alteration due to acid sulphate leaching,

HANDSPECIMEN NAME: Intensely argillic altered feldspar porphyry

THINSECTION EXAMINATION:

ESTIMATED MODE:

21%	Kaolinite (in groundmass & replacing plagioclase)
6%	Quartz (residual eyes)
27%	Quartz/silica (in groundmass)
1%	Plagioclase ghosts (mainly replaced by kaolinite)
22%	Orthoclase (in groundmass)
7%	Muscovite
11%	Cavities
5%	Hematite/jarosite
<1%	Sphene

Plagioclase forms large, up to 3.8mm rounded ghosts now almost completely replaced by fine kaolinite. The concentric arrangement of kaolinite suggests that the plagioclase phenocrysts were originally strongly zoned.

The groundmass is an interlocking mosaic of mainly fine grained quartz and lesser kaolinite. This groundmass silica and associated cavities, is typical of the residual products after intense acid sulphate leaching commonly associated with epithermal environments.

The opaque grains are mainly vug filling jarosite and minor hematite. Very fine grained hematite up to 0.008mm in length is also associated with the kaolinite alteration/replacement of the plagioclase phenocrysts.

Muscovite flakes up to 0.03mm are arranged in small subrectangular blocks up to 1.0mm in length reflecting the complete replacement of a mafic mineral (probably hornblende). Muscovite is often associated with jarosite.

Large ghosts of probable orthoclase are completely replaced by kaolinite, quartz-albite and granular sphene-iron oxides.

ROCK NAME: Intensely kaolinized, silicified and orthoclase altered, feldspar porphyry

-- PETROGRAPHIC DESCRIPTION --

FOR: International Kodiak Resources Inc. ATTN.: William S. Chornobay

SPECIMEN NUMBER: 19BR058

HANDSPECIMEN DESCRIPTION:
Gossanous, Very rusty weathering, Reddish-brown matrix on fresh surface containing matrix supported angular quartzite fragments up to 3mm in diameter, Relatively non porous, No calcite content, No potassium feldspar present, Relatively hard - siliceous, Minor cavities, Fragments appear shattered (continued brecciation)

HANDSPECIMEN NAME: Silicified, ferruginous, quartzite breccia

THINSECTION EXAMINATION:

ESTIMATED MODE:

35%	Quartzite fragments (quartz-clay minerals)
18%	Cavities
12%	Hematite
33%	Matrix (silica, jarosite & hematite)
1%	Pyrite

Highly brecciated, the fragments are composed of sparsely disseminated, indistinct, larger quartz grains up to 0.03mm in diameter associated with fine kaolinite and very cherty matrix. Very fine grained jarosite (?) is also disseminated throughout the fragments.
The space between the fragments is mainly filled with hematite and jarosite. The hematite is very finely laminated in places. Minor pyrite grains <0.002mm in diameter is associated with the areas that have lesser hematite.
Some of the space between fragments remains as linear cavities, which are lined by a layer, 0.007mm wide, of hematite. Minor hematite as irregular grains averaging 0.01mm in length are uniformly distributed throughout the quartzite fragments. Rarely, hematite forms "spherical" balls 0.015mm in diameter, reflecting oxidation of primary pyrite framboids.

ROCK NAME: Silicified, kaolinized, ferruginous quartzite breccia

-- PETROGRAPHIC DESCRIPTION --

FOR: International Kodiak Resources Inc. ATTN.: William S. Chornobay

SPECIMEN NUMBER: 19ER0025

HANDSPECIMEN DESCRIPTION:

Rusty, Gossanous weathering, Mostly light orange in colour, Very siliceous, Fine sugary texture, Drusy vuggy cavities common, Well fractured, Goethite & chlorite (?) along fractures, Non-magnetic, Residual quartz typical of vuggy silica alteration due to acid sulphate leaching, Golden yellow goethite in cavities,

HANDSPECIMEN NAME: Ferruginous, silicified, vuggy silica alteration zone

THINSECTION EXAMINATION:

ESTIMATED MODE:

30%	Quartz (residual)
25%	Quartz (coarse grained)
18%	Cavities
12%	Tremolite
4%	Hematite
5%	Clay minerals
<1%	Diaspore
1%	Goethite
5%	Jarosite

Quartz forms a relatively coarse (average grain size approximately 0.35mm) interlocking mosaic. Most of the individual quartz grains are rimmed by a very thin layer of hematite up to 0.003mm wide.

Rare, rounded diaspore, up to 0.07mm, to subhedral grains were noted replacing quartz and in association with the coarse crystalline tremolite.

Cavities are very abundant and are very irregular in shape. Most are coated by a thin layer of hematite and goethite. Some cavities are filled with fine grained jarosite. The soft goethite needles noted in handspecimen has been largely plucked out during preparation of the thinsection.

Hematite forms a large lens at 29.1x60.7, 1.7mm across apparently filling a "large" cavity. The edges of the cavities in this part of the slide are composed of distinctly finer grained mosaic of quartz and kaolinite typical of the residual products of acid sulphate leaching. Euhedral quartz grains are also common spatially close to the greatest cavity development. Coarse crystalline, low birefringent tremolite is well developed around the vuggy quartz alteration and filling fractures.

ROCK NAME: Variably silicified, tremolite altered and vuggy silica altered, quartz sandstone

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GEOLOGICAL, GEOPHYSICAL, AND GEOCHEMICAL

ASSESSMENT REPORT

ON THE

OKI-DOKI PROJECT CLAIMS

DAWSON AND MAYO MINING DISTRICTS

YUKON TERRITORY



Latitude: 64° 08' North
Longitude: 139° 12' West

N.T.S. Map Sheets
116A/2,3,4,5;
116B/1,2;
115P/13,14,15

Volume 2

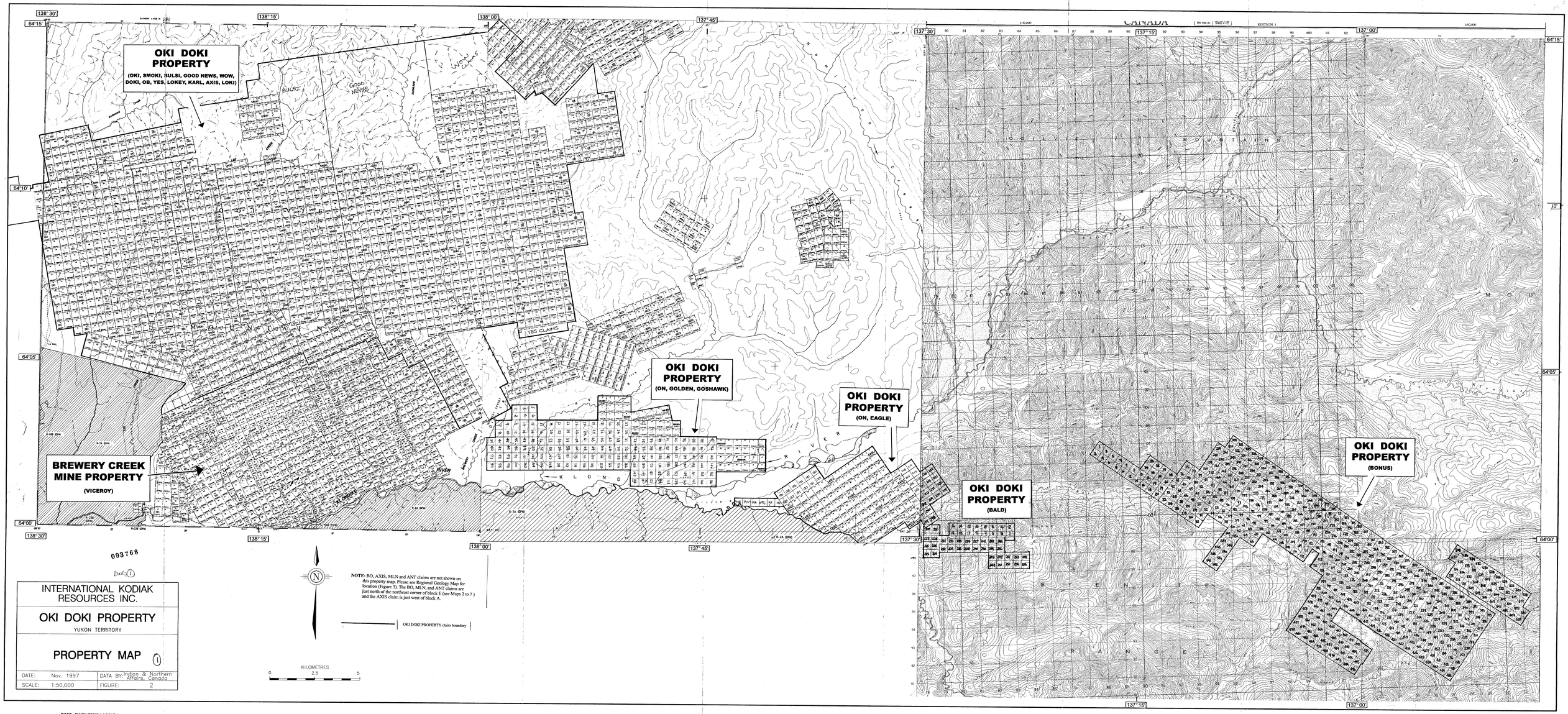
for

INTERNATIONAL KODIAK RESOURCES INC.
1210 – 675 West Hastings Street
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by

Val P. Van Damme, P.Geo
Brian T. Malahoff, P.Geo
Curtis A. Kauss, B.A.

December 30th, 1997



093768

Box 1

INTERNATIONAL KODIAK RESOURCES INC.

OKI DOKI PROPERTY

YUKON TERRITORY

PROPERTY MAP (1)

DATE:	Nov. 1997	DATA BY:	Indian & Northern Affairs, Canada
SCALE:	1:50,000	FIGURE:	2

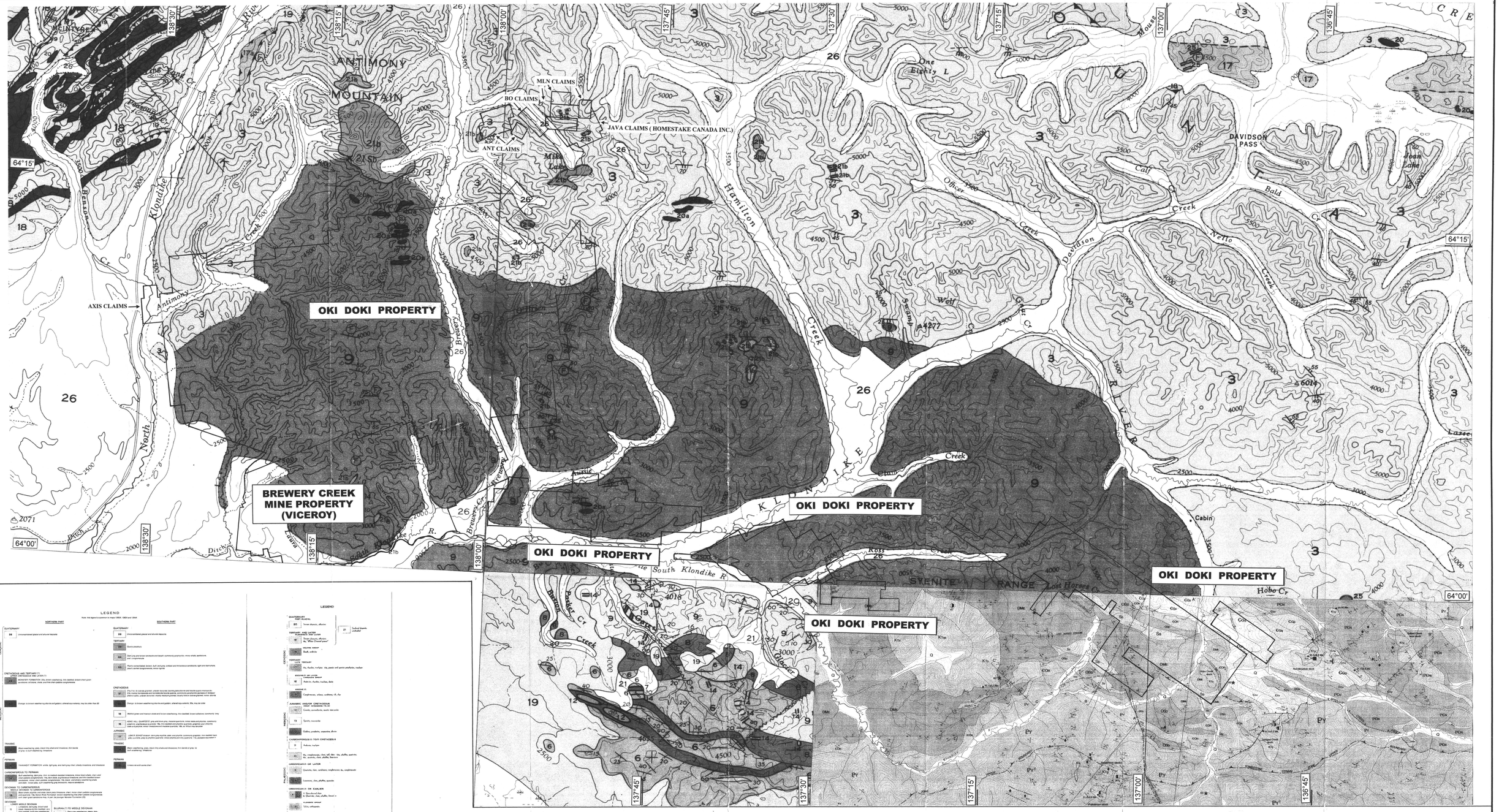
N

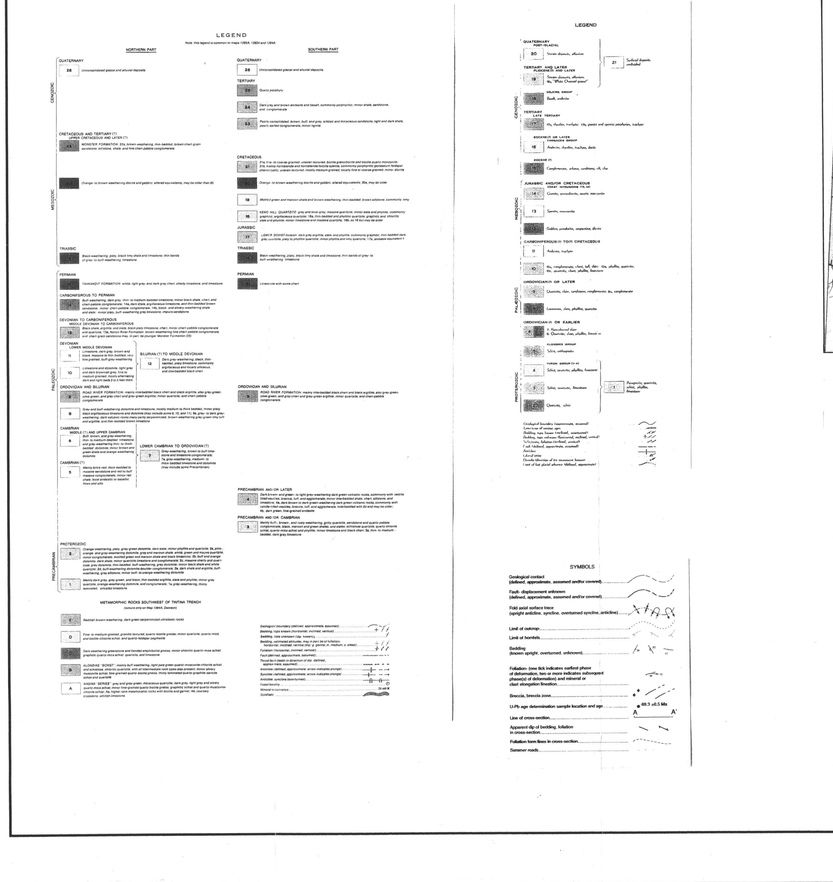
NOTE: BO, AXIS, MLN and ANT claims are not shown on this property map. Please see Regional Geology Map for location (Figure 3). The BO, MLN, and ANT claims are just north of the northeast corner of block E (see Maps 2 to 7) and the AXIS claim is just west of block A.

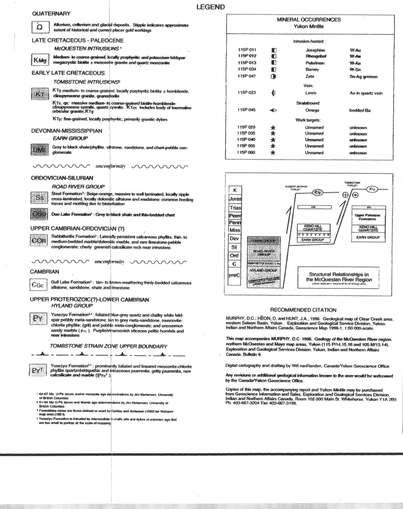
OKI DOKI PROPERTY claim boundary

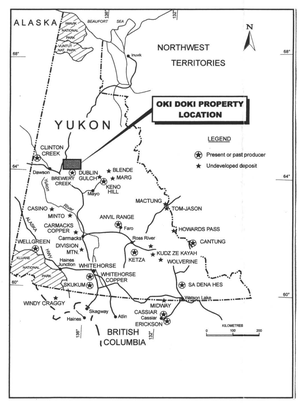
KILOMETRES
0 2.5 5

INAC - YUKON REGION, LIBRARY











KILOMETRES
0 5 10

093768

DWG 7

INTERNATIONAL KODIAK RESOURCES INC.

OKI DOKI PROPERTY

YUKON TERRITORY

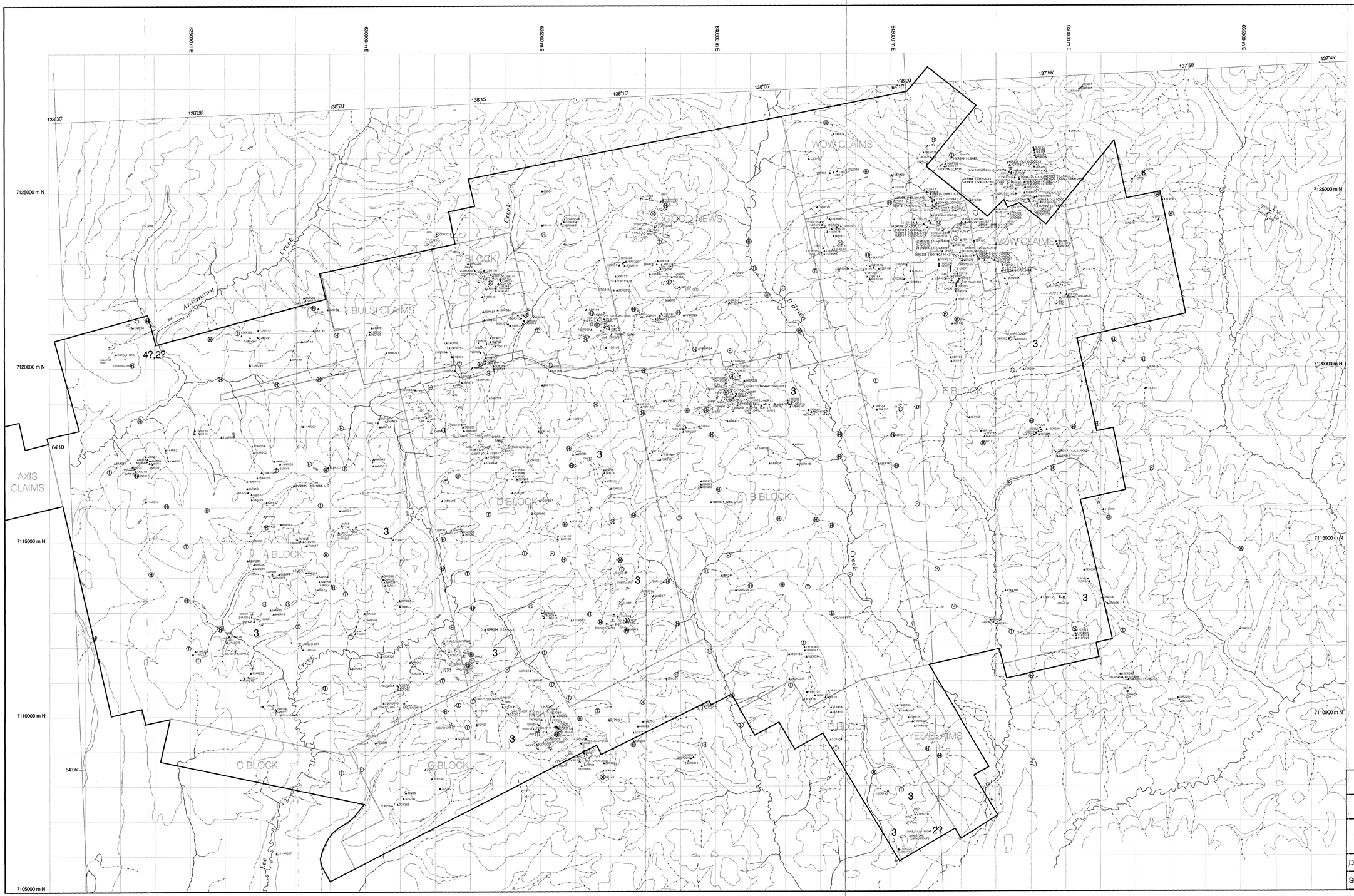
REGIONAL GEOLOGY MAP

(2)

DATE:	Nov. 1997	DATA BY:	GSC
SCALE:	1:100,000	FIGURE:	3.2

Compiled From: Yukon Geoscience Maps 1996-1,2 and GSC Maps 1143A , 1284A, 1283A

DIAND - YUKON REGION - LIBRARY



LEGEND

Lithology

1	Tombstone Plutonic Suite: Monzonite to quartz monzonite, gabbro, syenite, granodiorite and granite
2	Earn Group: Sandstone, Chert-pebble conglomerate?
3	Road River Group: Chert, black chert, shale, sandstone, siltstone, claystone, lapilli tuff and argillites
4	Hyland Group: quartzite, quart-pebble conglomerate and chert

Symbols

- ▲21DR019 — Rock grab sample
- ▪ 21DR020 — Rock float sample
- ▲21DR021 — Continuous chip sample
- Outcrop
- Geological contact: observed
- Geological contact: assumed
- Anticline: axial trace
- Lineament
- Fault observed, with slickensides ± gouge ± breccia
- Fault assumed
- Property boundary
- Helicopter pad
- Helicopter toe in
- Bedding attitude: vertical, inclined
- Slickensides: plunge and direction
- Fracture foliation: vertical, inclined
- Quartz vein: inclined
- Joint attitude: vertical, inclined

Abbreviations

ALTN	alteration	Pb	lead
ARG	argillite	PY	pyrite
As	arsenic	qtz	quartz
biot	biotite	Sb	antimony
calc	calcite	SIL	siliceous
chalc	chalcedony	SST	sandstone
cpy	chalcopyrite	Sx	sulphides
GAB	gabbro	SY	syenite
Gd	granodiorite	tr	trace
Gr	granite	vn	vein
LIM	limonite	Zn	zinc
LST	limestone		

093768

0 .5 1 2 3 3.5
KILOMETRES

Note: Contour Interval 500 feet

INTERNATIONAL KODIAK RESOURCES INC.

OKI-DOKI PROPERTY
YUKON TERRITORY

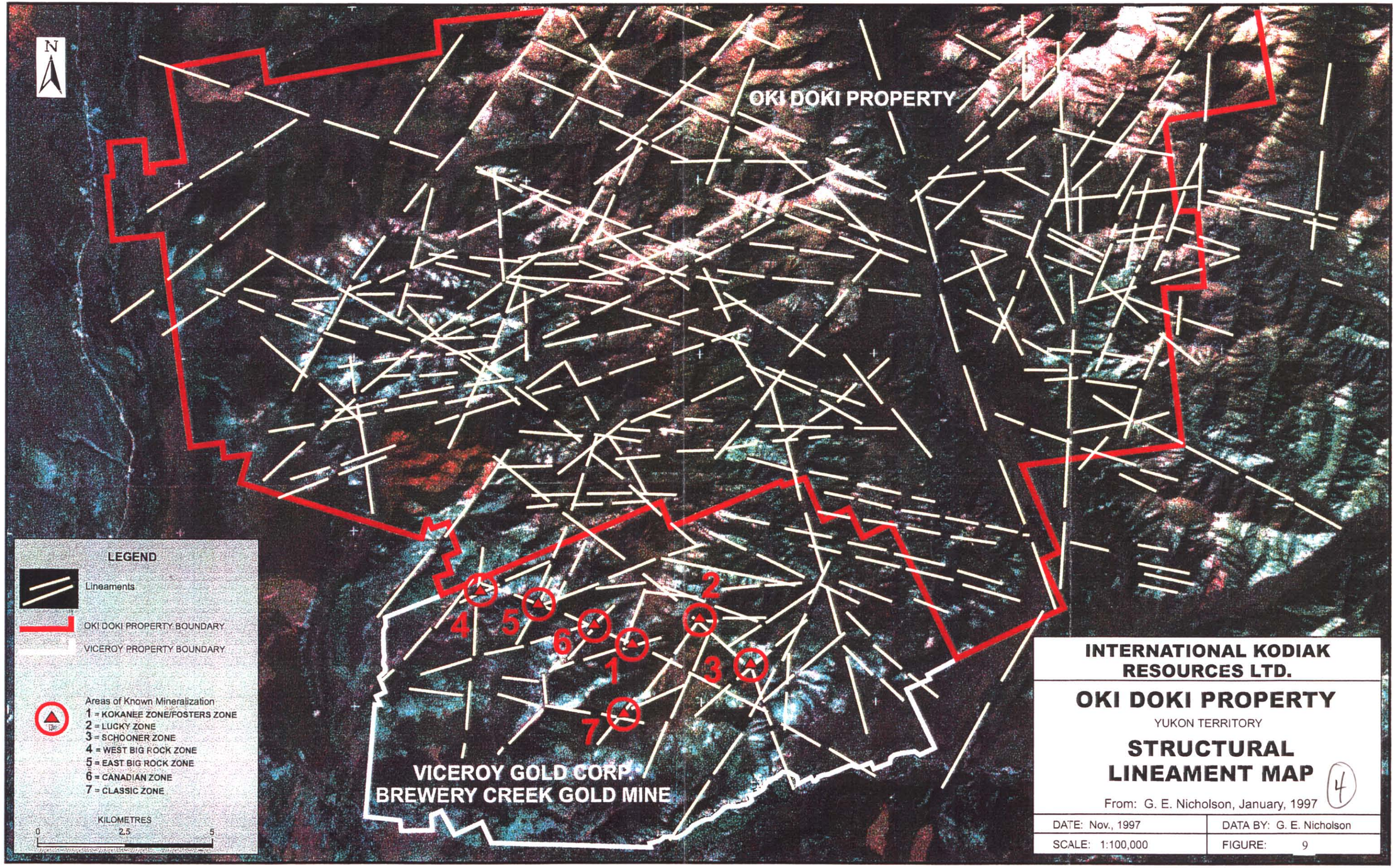
PROPERTY GEOLOGY, ROCK SAMPLE LOCATION AND ANOMALOUS ASSAYS MAP (Au, As, Sb, Hg)

DATE: Dec. 1997 | DATA BY: International Kodiak Resources

SCALE: 1:30,000 | FIGURE: 8

INDIAN - YUKON REGION, LIBRARY

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INTERNATIONAL KODIAK RESOURCES LTD.

OKI DOKI PROPERTY

YUKON TERRITORY

STRUCTURAL LINEAMENT MAP (4)

From: G. E. Nicholson, January, 1997

DATE: Nov., 1997	DATA BY: G. E. Nicholson
SCALE: 1:100,000	FIGURE: 9

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625000 m E
630000 m E
635000 m E
640000 m E
645000 m E
650000 m E
655000 m E

64°15'
64°10'
64°05'

7125000 m N
7120000 m N
7115000 m N
7110000 m N
7105000 m N

WOW CLAIMS
GOOD NEWS
WØW CLAIMS
D BLOCK
BULSI CLAIMS
Antimony Creek
Creek
O Brook
E BLOCK
AXIS CLAIMS
B BLOCK
A BLOCK
C BLOCK
Creek
E BLOCK
VEGETATION

N

LEGEND

- Silt sample
- Soil sample
- Soil auger follow up
- Property boundary
- Helicopter pad
- Helicopter toe in
- Anomalous silt value 17–32 ppb
- Anomalous silt value > 33 ppb
- Anomalous soil value 17–32 ppb
- Anomalous soil value > 33 ppb

093768

0 .5 1 2 3 3.5
KILOMETRES

Note: Contour Interval 500 feet

DwG (3)

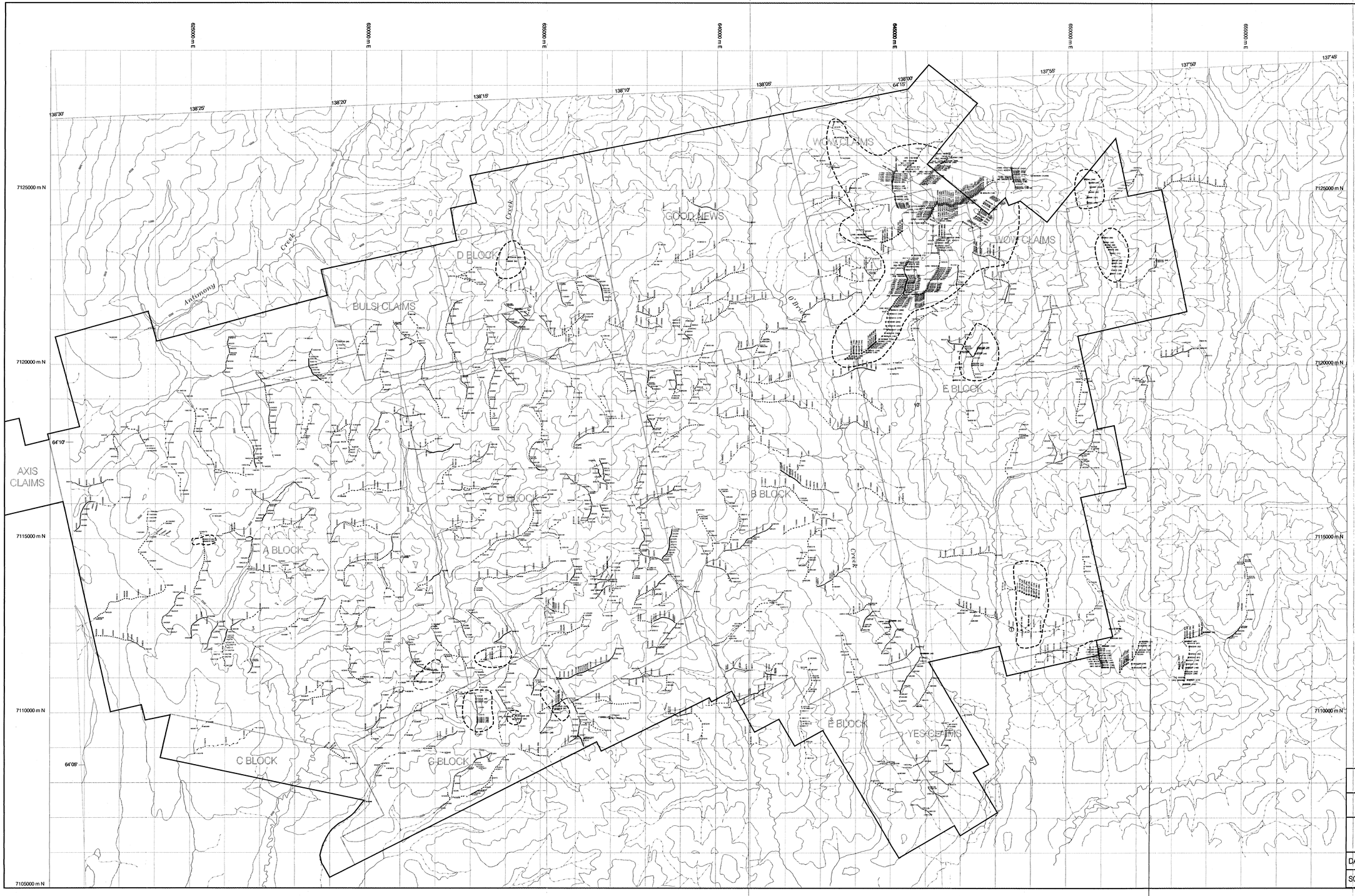
INTERNATIONAL KODIAK RESOURCES INC.

OKI–DOKI PROPERTY
YUKON TERRITORY

SILT, SOIL GEOCHEMISTRY (Au)
2/5

DATE: Dec. 1997	DATA BY: International Kodiak Resources
SCALE: 1:30,000	FIGURE: 11:1 (5)

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DIAND - YUKON REGION, LIBRARY

625000 m E
630000 m E
635000 m E
640000 m E
645000 m E
650000 m E
655000 m E

138°30'
138°25'
138°20'
138°15'
138°10'
138°05'
138°00'
137°55'
137°50'
137°45'

64°15'
64°10'
64°05'

7125000 m N
7120000 m N
7115000 m N
7110000 m N
7105000 m N

WOW CLAIMS
GOOD NEWS
D BLOCK
BULSI CLAIMS
WOW CLAIMS
E BLOCK
AXIS CLAIMS
D BLOCK
B BLOCK
A BLOCK
E BLOCK
YES CLAIMS
C BLOCK
C BLOCK

Antimony Creek
Creek
Creek
O'Brien Creek
Creek

N

LEGEND

- Silt sample
- Soil sample
- Soil auger follow up
- Property boundary
- Helicopter pad
- Helicopter toe in
- Anomalous silt value 7-15 ppb
- Anomalous silt value > 16 ppb
- Anomalous soil value 10-172 ppb
- Anomalous soil value > 173 ppb

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0 .5 1 2 3 3.5
KILOMETRES

Note: Contour Interval 500 feet

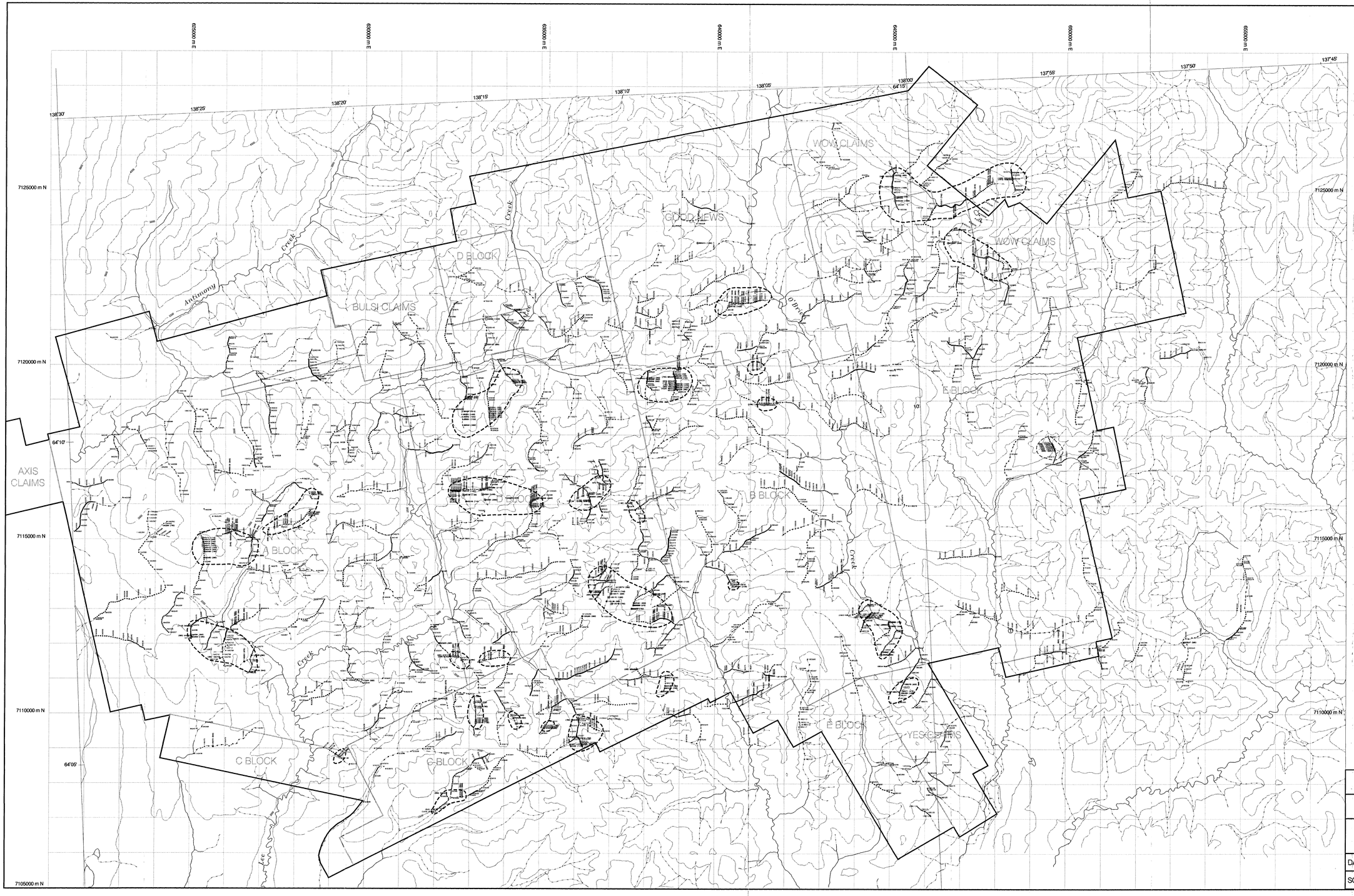
INTERNATIONAL KODIAK RESOURCES INC.

OKI-DOKI PROPERTY
YUKON TERRITORY

SILT, SOIL GEOCHEMISTRY (Sb)

DATE: Dec. 1997	DATA BY: International Kodiak Resources
SCALE: 1:30,000	FIGURE: 11:3 (1)

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LEGEND

- Silt sample
- Soil sample
- Soil auger follow up
- Property boundary
- Helicopter pad
- Helicopter toe in
- Anomalous silt value 583–759 ppb
- Anomalous silt value > 760 ppb
- Anomalous soil value 810–907 ppb
- Anomalous soil value > 908 ppb

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0 .5 1 2 3 3.5
KILOMETRES

Note: Contour Interval 500 feet

Duty 6

INTERNATIONAL KODIAK RESOURCES INC.

OKI–DOKI PROPERTY
YUKON TERRITORY

SILT, SOIL GEOCHEMISTRY (Hg)

DATE: Dec. 1997	DATA BY: International Kodiak Resources
SCALE: 1:30,000	FIGURE: 11.4 (3)

INDIAN - YUKON REGION, LIBRARY

138° 00' | 137° 45' | 137° 30' | 137° 15' | 137° 00' | 136° 45'

64° 10'

64° 05'

64° 00'

63° 55'

G BLOCK

ON/GOLDEN/GOSHAWK CLAIMS

ON EAGLE CLAIMS

BALD CLAIMS

BONUS CLAIMS

DIVISIONAL MAP

1:50,000

LEGEND

<	No anomalous value
● 23GS001	SILT
● 23GSS002	SOIL
▲ 23GR003	ROCK
└	Property Boundary
(H)	Heli-pad
(0,0,0,0)	ASSAY RESULTS

(Note: Au & Hg assay results in ppb, all others in ppm or %)

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Contour interval 100 feet

DWG 8

INTERNATIONAL KODIAK RESOURCES INC.

- OKI DOKI PROPERTY

YUKON TERRITORY

NEW BLOCK SILT, SOIL, ROCK LOCATIONS

Au, As, Sb, Hg Values

2/5

DATE:	November, 1997	DATA BY:	International Kodiak Resources
SCALE:	1:50,000	FIGURE:	12 (9)

KILOMETRES

0 2.5 5

DIAND - YUKON REGION, LIBRARY

GEOLOGICAL, GEOPHYSICAL, AND GEOCHEMICAL

ASSESSMENT REPORT

ON THE

OKI-DOKI PROJECT CLAIMS

DAWSON AND MAYO MINING DISTRICTS

YUKON TERRITORY

Latitude: 64° 08' North
Longitude: 138° 12' West

N.T.S. Map Sheets
116A/2,3,4,5;
116B/1,2;
115P/13,14,15

093768

Volume 3A

for

INTERNATIONAL KODIAK RESOURCES INC.
1210 – 675 West Hastings Street
Vancouver, B.C.
V6B 1N2

by

Val P. Van Damme, P.Geo
Brian T. Malahoff, P.Geo
Curtis A. Kauss, B.A.

December 30th, 1997

RECEIVED
JAN 21 1998
MINING
RECORDERS OFFICE
DAWSON, Y.T.

APPENDIX 6

Certificates of Analyses

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9740938

Comments: ATTN: GEORGE NICHOLSON

CERTIFICATE A9740938

(PHY) - INTERNATIONAL KODIAK RESOURCES *

Project:
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 11-SEP-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	252	Dry, sieve to -80 mesh
202	252	save reject
229	252	ICP - AQ Digestion charge

* NOTE 1:

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

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	245	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	252	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	252	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	252	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	252	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	252	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	252	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	252	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	252	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	252	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	252	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	252	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	252	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	252	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	252	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	252	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	252	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	252	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	252	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	252	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	252	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	252	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	252	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	252	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	252	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	252	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	252	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	252	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	252	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	252	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	252	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	252	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	252	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

Chemex Labs Ltd.

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To: INTERNATIONAL KODIAK RESOURCES **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 11-SEP-97
Invoice No. :I9740938
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9740938

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
1CS0001	201	202	5	0.6	2.14	8	1380	< 0.5	< 2	0.20	< 0.5	10	34	38	2.75	< 10	< 1	0.14	10	0.30	100
1CS0002	201	202	5	0.8	1.84	14	1290	0.5	< 2	0.33	< 0.5	17	32	47	3.67	< 10	< 1	0.14	10	0.30	495
1CS0003	201	202	10	0.8	1.69	2	1470	0.5	< 2	0.54	< 0.5	18	26	46	2.91	< 10	< 1	0.11	10	0.32	555
1CS0004	201	202	5	0.4	1.70	8	1350	< 0.5	< 2	0.28	< 0.5	19	28	36	3.08	< 10	< 1	0.09	10	0.31	855
1CS0005	201	202	15	0.4	1.01	8	470	0.5	< 2	0.48	< 0.5	16	15	75	3.44	< 10	< 1	0.17	< 10	0.21	300
1CS0006	201	202	5	1.6	1.01	14	760	0.5	< 2	1.07	5.0	8	30	80	1.94	< 10	< 1	0.09	10	0.46	210
1CS0007	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
1CS0008	201	202	10	4.0	0.76	30	930	1.0	< 2	0.54	36.0	5	84	142	1.32	< 10	< 1	0.17	< 10	0.07	115
1CS0009	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
1CS0010	201	202	10	9.4	0.88	74	820	1.5	< 2	1.76	35.0	4	135	301	2.01	< 10	< 1	0.21	10	0.17	260
1CS0011	201	202	10	6.2	0.85	58	700	0.5	< 2	0.83	33.0	3	49	126	2.39	< 10	< 1	0.12	< 10	0.12	175
1CS0012	201	202	5	3.0	1.09	72	740	0.5	< 2	1.29	41.5	24	42	141	2.86	< 10	< 1	0.13	< 10	0.25	2180
1CS0013	201	202	5	3.6	0.93	50	1050	0.5	< 2	1.29	34.0	17	46	160	3.07	< 10	< 1	0.13	< 10	0.26	1160
1CS0014	201	202	< 5	2.2	0.79	6	790	< 0.5	< 2	0.43	3.0	3	29	44	1.67	< 10	< 1	0.07	< 10	0.19	80
1CS0015	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
1CS0016	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
1CS0017	201	202	5	3.2	1.03	18	1070	0.5	< 2	0.72	11.0	10	40	88	2.06	< 10	< 1	0.08	10	0.29	335
1CS0018	201	202	10	3.6	0.87	36	790	0.5	2	1.44	41.5	9	54	182	2.72	< 10	< 1	0.13	< 10	0.24	405
1CS0019	201	202	< 5	2.0	0.44	12	590	< 0.5	< 2	0.41	9.0	25	26	44	1.96	< 10	< 1	0.07	< 10	0.10	620
1CS0020	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
1CS0021	201	202	10	6.2	0.59	30	1170	0.5	< 2	1.36	19.5	7	68	153	1.83	< 10	< 1	0.11	< 10	0.21	325
1CS0022	201	202	10	3.2	0.84	32	1030	0.5	< 2	1.39	26.5	9	58	153	2.64	< 10	< 1	0.14	10	0.21	330
1CS0023	201	202	5	2.8	0.84	14	780	< 0.5	< 2	0.41	7.0	4	43	87	2.08	< 10	< 1	0.11	10	0.17	90
1CS0024	201	202	10	9.0	1.76	42	500	2.5	< 2	5.27	49.5	6	214	348	2.21	< 10	< 1	0.26	20	0.26	240
1CS0026	201	202	5	2.2	0.92	40	800	1.0	< 2	1.32	26.5	16	50	156	3.68	< 10	< 1	0.16	10	0.19	500
1CS0027	201	202	< 5	0.8	0.86	8	490	< 0.5	< 2	0.39	2.0	8	23	27	1.67	< 10	< 1	0.05	10	0.30	285
1CS0028	201	202	< 5	2.0	0.75	36	600	0.5	< 2	1.26	23.0	14	38	142	3.53	< 10	< 1	0.12	10	0.22	455
1CS0029	201	202	< 5	< 0.2	2.25	12	360	0.5	< 2	0.11	0.5	10	34	38	3.10	< 10	< 1	0.06	< 10	0.46	355
1CS0030	201	202	10	0.2	1.17	6	230	< 0.5	< 2	0.18	0.5	8	23	38	2.39	< 10	< 1	0.05	< 10	0.38	325
1CS0031	201	202	15	1.0	1.07	18	980	0.5	< 2	0.42	2.0	12	22	77	3.42	< 10	1	0.20	10	0.29	595
1CS0032	201	202	10	1.2	1.18	6	670	< 0.5	< 2	0.32	2.0	7	27	49	2.01	< 10	1	0.06	10	0.31	325
1CS0033	201	202	5	1.8	1.14	12	670	0.5	< 2	0.44	2.0	10	34	66	2.47	< 10	< 1	0.10	10	0.35	750
1CS0034	201	202	15	1.6	1.35	8	860	0.5	< 2	0.37	3.0	27	31	58	2.64	< 10	< 1	0.10	10	0.33	1240
1CS0035	201	202	10	1.2	1.09	8	560	< 0.5	< 2	0.71	2.0	8	30	35	1.77	< 10	< 1	0.08	10	0.42	765
1CS0036	201	202	< 5	0.6	1.44	2	680	0.5	< 2	1.43	0.5	13	23	50	2.40	< 10	< 1	0.16	< 10	0.42	375
1CS0037	201	202	10	1.2	0.96	12	650	0.5	< 2	0.87	2.5	8	27	65	1.84	< 10	1	0.09	10	0.29	330
1CS0038	201	202	10	1.4	0.77	14	730	0.5	< 2	0.82	3.0	6	21	62	1.88	< 10	1	0.06	< 10	0.26	350
1CS0039	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
1CS0040	201	202	10	< 0.2	1.44	2	690	0.5	< 2	0.42	< 0.5	18	21	49	3.64	< 10	< 1	0.11	10	0.50	485
1CS0041	201	202	< 5	< 0.2	1.20	2	280	< 0.5	< 2	0.12	< 0.5	6	17	13	2.51	< 10	< 1	0.10	< 10	0.24	190

CERTIFICATION:

Chemex Labs Ltd.

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

To: INTERNATIONAL KODIAK RESOURCES **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 11-SEP-97
Invoice No. :I9740938
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9740938

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
1CS0001	201	202	2	< 0.01	31	1320	10	< 2	5	38	< 0.01	< 10	< 10	85	< 10	72
1CS0002	201	202	4	< 0.01	43	1340	10	< 2	5	61	< 0.01	< 10	< 10	77	< 10	96
1CS0003	201	202	2	< 0.01	38	1120	10	< 2	5	65	< 0.01	< 10	< 10	58	< 10	94
1CS0004	201	202	3	< 0.01	33	1110	10	< 2	5	46	< 0.01	< 10	< 10	66	< 10	88
1CS0005	201	202	2	< 0.01	63	400	10	< 2	7	62	< 0.01	< 10	< 10	20	< 10	142
1CS0006	201	202	9	< 0.01	72	1290	8	2	5	95	0.03	< 10	10	207	< 10	396
1CS0007	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
1CS0008	201	202	32	< 0.01	103	5890	4	8	5	133	< 0.01	< 10	10	794	< 10	752
1CS0009	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
1CS0010	201	202	58	< 0.01	150	8690	12	22	2	414	< 0.01	< 10	30	1135	< 10	772
1CS0011	201	202	43	< 0.01	267	4740	12	10	< 1	180	< 0.01	< 10	10	584	< 10	1795
1CS0012	201	202	26	< 0.01	357	4450	8	6	3	167	< 0.01	< 10	10	457	< 10	4000
1CS0013	201	202	28	< 0.01	276	3890	8	8	4	174	< 0.01	< 10	10	441	< 10	2780
1CS0014	201	202	6	< 0.01	34	1820	6	2	< 1	65	< 0.01	< 10	< 10	151	< 10	228
1CS0015	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
1CS0016	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
1CS0017	201	202	10	< 0.01	96	2630	8	4	4	113	0.01	< 10	< 10	255	< 10	1395
1CS0018	201	202	21	< 0.01	252	3830	8	8	4	181	< 0.01	< 10	10	432	< 10	3140
1CS0019	201	202	25	< 0.01	150	990	8	2	< 1	63	< 0.01	< 10	< 10	197	< 10	1440
1CS0020	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
1CS0021	201	202	14	< 0.01	128	3460	10	8	3	215	< 0.01	< 10	10	592	< 10	888
1CS0022	201	202	23	< 0.01	197	4170	6	8	4	204	< 0.01	< 10	10	477	< 10	2390
1CS0023	201	202	11	< 0.01	55	2160	8	2	3	90	0.01	< 10	< 10	253	< 10	340
1CS0024	201	202	21	0.01	125	>10000	10	6	8	462	0.01	< 10	30	931	< 10	1570
1CS0026	201	202	25	< 0.01	201	4710	8	6	6	196	< 0.01	< 10	10	461	< 10	2290
1CS0027	201	202	3	< 0.01	33	1080	2	< 2	2	43	0.03	< 10	< 10	85	< 10	222
1CS0028	201	202	23	< 0.01	184	4440	10	6	5	184	< 0.01	< 10	10	398	< 10	2070
1CS0029	201	202	2	< 0.01	31	660	12	2	4	20	0.04	< 10	< 10	83	< 10	116
1CS0030	201	202	2	< 0.01	27	780	8	< 2	2	20	0.02	< 10	< 10	60	< 10	108
1CS0031	201	202	8	< 0.01	40	1870	20	< 2	4	119	< 0.01	< 10	< 10	107	< 10	134
1CS0032	201	202	6	< 0.01	30	1200	10	2	2	47	0.01	< 10	< 10	132	< 10	142
1CS0033	201	202	6	< 0.01	36	1440	12	< 2	3	69	0.02	< 10	< 10	170	< 10	184
1CS0034	201	202	9	< 0.01	43	1540	12	< 2	3	61	0.01	< 10	< 10	132	< 10	176
1CS0035	201	202	6	< 0.01	32	1110	8	2	3	64	0.02	< 10	< 10	133	< 10	186
1CS0036	201	202	4	< 0.01	48	370	6	2	5	39	0.01	< 10	< 10	36	< 10	200
1CS0037	201	202	6	< 0.01	46	1360	10	2	3	59	0.01	< 10	< 10	186	< 10	244
1CS0038	201	202	5	< 0.01	37	1490	6	< 2	3	77	< 0.01	< 10	< 10	158	< 10	290
1CS0039	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
1CS0040	201	202	< 1	< 0.01	57	300	10	< 2	8	25	0.02	< 10	< 10	33	< 10	234
1CS0041	201	202	1	< 0.01	15	280	6	< 2	1	9	0.02	< 10	< 10	37	< 10	104

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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British Columbia, Canada V7J 2C1
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CERTIFICATE OF ANALYSIS A9740938

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
1CS0042	201	202	< 5	< 0.2	1.51	10	420	< 0.5	< 2	0.14	< 0.5	9	22	30	3.61	< 10	< 1	0.11	10	0.33	260
1CS0043	201	202	10	0.8	1.41	18	530	< 0.5	< 2	0.29	0.5	8	35	24	2.65	< 10	< 1	0.09	10	0.35	325
1CS0044	201	202	10	0.6	1.81	8	970	0.5	< 2	0.26	1.5	13	35	36	2.61	< 10	< 1	0.24	20	0.32	630
1CS0045	201	202	5	0.8	1.00	14	660	< 0.5	< 2	0.46	1.5	13	21	48	2.12	< 10	< 1	0.09	< 10	0.23	920
1CS0046	201	202	10	0.6	1.10	14	600	< 0.5	< 2	0.20	1.5	8	25	52	2.55	< 10	< 1	0.10	10	0.25	285
1CS0047	201	202	< 5	0.2	0.83	10	320	< 0.5	< 2	0.12	< 0.5	10	18	51	2.31	< 10	1	0.10	< 10	0.20	255
1CS0048	201	202	< 5	1.6	0.81	14	850	0.5	< 2	0.93	4.5	8	37	69	1.72	< 10	< 1	0.11	10	0.29	350
1CS0049	201	202	5	1.4	0.95	12	620	0.5	< 2	0.73	4.0	8	35	51	1.94	< 10	< 1	0.11	10	0.39	235
1CS0050	201	202	< 5	1.4	0.88	10	820	0.5	< 2	0.95	4.5	8	39	67	1.72	< 10	< 1	0.12	10	0.33	295
1CS0051	201	202	< 5	0.8	1.02	14	530	< 0.5	< 2	0.50	2.0	11	30	48	2.43	< 10	< 1	0.11	10	0.45	250
1CS0052	201	202	< 5	0.4	0.83	14	270	< 0.5	< 2	0.23	< 0.5	6	25	31	2.22	< 10	1	0.10	10	0.32	140
1CS0053	201	202	< 5	1.2	0.92	28	780	0.5	< 2	0.46	4.0	4	40	68	2.20	< 10	1	0.10	10	0.27	140
1CS0054	201	202	< 5	0.6	1.01	12	480	< 0.5	< 2	0.47	0.5	10	26	32	2.35	< 10	< 1	0.10	10	0.39	415
1CS0055	201	202	5	0.6	1.09	14	440	< 0.5	< 2	0.66	1.5	9	26	58	2.49	< 10	< 1	0.10	10	0.47	235
1CS0056	201	202	10	0.2	1.19	4	450	< 0.5	< 2	0.55	1.0	9	24	61	2.30	< 10	< 1	0.11	10	0.49	210
1CS0057	201	202	10	1.0	0.75	22	450	0.5	< 2	1.38	3.5	10	13	69	2.38	< 10	1	0.12	10	0.38	215
1CS0058	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
1CS0059	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
1CS0060	201	202	10	1.4	0.65	20	150	< 0.5	< 2	0.46	1.0	4	17	50	4.09	< 10	< 1	0.39	10	0.20	55
2CS0001	201	202	10	0.6	1.41	10	460	< 0.5	< 2	0.93	1.0	15	23	42	3.02	< 10	1	0.09	10	0.39	625
2CS0002	201	202	20	0.6	1.38	6	620	0.5	< 2	1.13	1.5	17	23	68	3.48	< 10	< 1	0.12	10	0.37	820
2CS0003	201	202	15	0.6	1.14	8	650	0.5	< 2	1.68	0.5	16	19	57	3.42	< 10	< 1	0.11	10	0.25	660
2CS0004	201	202	15	0.6	1.49	4	560	0.5	< 2	1.08	1.0	17	27	61	3.38	< 10	1	0.14	10	0.38	710
2CS0005	201	202	265	2.8	1.08	16	1190	1.5	< 2	0.46	2.0	31	54	960	11.85	< 10	3	0.13	< 10	0.10	>10000
2CS0006	201	202	not/ss	1.0	1.35	12	670	0.5	< 2	1.06	1.5	19	33	172	4.96	< 10	< 1	0.12	10	0.35	1170
2CS0008	201	202	35	0.6	1.41	10	680	0.5	< 2	1.04	1.0	20	34	130	4.61	< 10	< 1	0.12	10	0.50	840
2CS0009	201	202	not/ss	0.8	2.10	12	1530	0.5	< 2	0.96	2.5	23	63	128	5.40	< 10	1	0.15	20	0.97	1050
2CS0010	201	202	not/ss	0.6	2.32	10	1980	0.5	< 2	1.06	2.0	26	74	120	5.75	< 10	2	0.16	20	1.14	1065
2CS0011	201	202	30	0.8	1.65	8	990	0.5	< 2	2.00	1.0	22	47	140	4.20	< 10	1	0.13	10	0.69	860
2CS0012	201	202	20	0.6	2.08	10	1130	0.5	< 2	1.61	1.5	26	61	113	5.09	< 10	1	0.16	10	0.98	925
2CS0013	201	202	not/ss	0.6	2.23	10	1210	0.5	< 2	1.18	1.0	28	72	114	6.01	< 10	1	0.14	10	1.21	1045
2CS0014	201	202	20	1.0	1.38	14	880	0.5	< 2	1.00	0.5	19	31	117	4.65	< 10	< 1	0.12	10	0.37	815
2CS0015	201	202	20	0.4	1.79	8	1010	0.5	< 2	1.38	1.0	22	61	111	4.46	< 10	< 1	0.08	10	1.00	805
2CS0016	201	202	not/ss	0.6	1.77	8	1010	0.5	< 2	1.21	1.5	24	56	110	4.96	< 10	< 1	0.11	10	0.92	935
2CS0017	201	202	20	0.4	1.95	10	1200	0.5	< 2	1.18	1.5	24	61	109	5.29	< 10	1	0.11	10	1.04	980
2CS0018	201	202	10	0.6	2.38	16	900	0.5	< 2	0.87	3.0	37	51	109	5.77	< 10	< 1	0.17	20	0.80	500
2CS0019	201	202	10	0.6	3.67	14	910	0.5	< 2	0.77	2.5	65	55	138	8.51	< 10	< 1	0.22	30	1.28	620
2CS0020	201	202	20	0.6	2.39	12	1290	0.5	< 2	1.25	2.0	30	68	114	5.62	< 10	1	0.18	20	1.02	1175
2CS0021	201	202	25	0.4	2.54	8	1210	0.5	< 2	1.24	2.0	28	70	109	5.60	< 10	< 1	0.18	20	1.11	925
2CS0022	201	202	10	0.6	1.82	8	1080	< 0.5	< 2	1.60	0.5	16	47	61	3.63	< 10	2	0.12	10	0.72	525

CERTIFICATION: Rowan

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SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
1CS0042	201	202	7	< 0.01	30	350	10	< 2	3	15	0.03	< 10	< 10	47	< 10	136
1CS0043	201	202	4	< 0.01	19	1140	14	< 2	2	58	0.02	< 10	< 10	141	< 10	82
1CS0044	201	202	2	0.03	33	1310	10	< 2	7	64	0.02	< 10	< 10	106	< 10	148
1CS0045	201	202	6	< 0.01	24	1220	12	< 2	3	77	0.01	< 10	< 10	104	< 10	82
1CS0046	201	202	5	0.01	32	1010	10	2	2	69	0.01	< 10	< 10	87	< 10	104
1CS0047	201	202	3	0.01	33	550	10	< 2	3	46	0.01	< 10	< 10	58	< 10	142
1CS0048	201	202	7	0.02	47	2020	8	2	3	109	0.01	< 10	< 10	282	< 10	316
1CS0049	201	202	6	0.03	49	1790	8	2	4	81	0.03	< 10	< 10	208	< 10	366
1CS0050	201	202	6	0.02	51	2190	8	2	3	103	0.01	< 10	< 10	255	< 10	342
1CS0051	201	202	6	0.03	57	1220	6	2	4	56	0.04	< 10	< 10	146	< 10	322
1CS0052	201	202	8	0.01	28	770	8	2	3	34	0.05	< 10	< 10	118	< 10	152
1CS0053	201	202	10	0.01	38	2310	12	2	3	66	0.01	< 10	10	341	< 10	274
1CS0054	201	202	6	0.01	27	1230	8	< 2	3	53	0.04	< 10	< 10	125	< 10	154
1CS0055	201	202	4	0.02	53	1010	8	< 2	5	68	0.04	< 10	< 10	83	< 10	220
1CS0056	201	202	3	0.01	46	860	8	< 2	5	49	0.04	< 10	< 10	66	< 10	194
1CS0057	201	202	35	0.03	129	650	10	4	5	91	< 0.01	< 10	10	157	< 10	484
1CS0058	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
1CS0059	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
1CS0060	201	202	22	0.02	41	1280	52	< 2	3	174	< 0.01	< 10	< 10	61	< 10	250
2CS0001	201	202	2	0.01	42	1090	8	< 2	5	55	0.01	< 10	< 10	39	< 10	130
2CS0002	201	202	2	0.01	51	1330	8	< 2	7	66	< 0.01	< 10	< 10	43	< 10	150
2CS0003	201	202	2	0.01	36	1590	8	2	7	73	< 0.01	< 10	< 10	35	< 10	108
2CS0004	201	202	2	0.01	44	1200	8	2	7	62	0.01	< 10	< 10	48	< 10	158
2CS0005	201	202	4	0.01	279	1000	32	4	19	86	< 0.01	< 10	< 10	80	< 10	202
2CS0006	201	202	3	0.01	64	1390	14	2	8	71	< 0.01	< 10	< 10	60	< 10	232
2CS0008	201	202	3	0.01	57	1200	10	2	8	64	< 0.01	< 10	< 10	57	< 10	198
2CS0009	201	202	4	0.03	83	1640	10	2	10	63	< 0.01	< 10	< 10	96	< 10	266
2CS0010	201	202	4	0.02	89	1610	10	2	11	62	< 0.01	< 10	< 10	110	< 10	244
2CS0011	201	202	3	0.01	69	1320	10	< 2	11	92	< 0.01	< 10	< 10	68	< 10	164
2CS0012	201	202	3	0.02	82	1530	8	2	10	86	< 0.01	< 10	< 10	97	< 10	234
2CS0013	201	202	3	0.02	85	1580	10	< 2	10	66	< 0.01	< 10	< 10	109	< 10	240
2CS0014	201	202	4	0.01	51	1360	10	< 2	7	58	< 0.01	< 10	< 10	62	< 10	186
2CS0015	201	202	3	0.01	67	1250	6	2	8	66	< 0.01	< 10	< 10	89	< 10	188
2CS0016	201	202	3	0.02	73	1450	6	2	9	66	< 0.01	< 10	< 10	83	< 10	224
2CS0017	201	202	4	0.01	73	1440	8	< 2	9	76	< 0.01	< 10	< 10	95	< 10	224
2CS0018	201	202	5	0.05	110	1500	6	2	10	103	< 0.01	< 10	< 10	126	< 10	512
2CS0019	201	202	7	0.05	132	1900	2	2	16	90	< 0.01	< 10	< 10	174	< 10	794
2CS0020	201	202	4	0.03	86	1590	8	2	10	88	< 0.01	< 10	< 10	119	< 10	270
2CS0021	201	202	3	0.03	88	1470	8	< 2	10	100	< 0.01	< 10	< 10	127	< 10	246
2CS0022	201	202	3	0.01	47	1360	6	< 2	8	84	0.01	< 10	< 10	84	< 10	150

CERTIFICATION:

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2CS0023	201	202	10	0.4	2.31	12	1270	0.5	< 2	0.83	1.0	26	66	93	5.40	< 10	< 1	0.13	10	1.11	640
2CS0024	201	202	10	0.4	2.57	14	1370	0.5	< 2	1.00	1.5	28	76	96	5.60	< 10	2	0.18	10	1.18	855
2CS0025	201	202	10	< 0.2	2.78	10	1410	0.5	< 2	0.74	1.5	30	86	93	6.45	< 10	1	0.20	10	1.41	895
2CS0026	201	202	10	0.2	2.47	14	1280	0.5	< 2	1.15	1.5	29	68	96	5.52	< 10	< 1	0.15	10	1.20	885
2CS0027	201	202	15	0.2	2.12	14	1090	0.5	< 2	0.64	1.0	27	65	88	5.82	< 10	< 1	0.13	10	1.08	925
2CS0028	201	202	30	0.6	1.19	8	740	0.5	< 2	0.82	2.0	24	29	83	3.79	< 10	< 1	0.11	10	0.46	535
2CS0029	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
2CS0030	201	202	15	0.4	1.36	12	780	0.5	< 2	0.80	1.5	23	34	83	4.65	< 10	< 1	0.11	10	0.62	640
2CS0031	201	202	10	2.0	0.64	24	790	0.5	< 2	1.87	10.5	11	36	115	2.24	< 10	< 1	0.12	< 10	0.75	380
2CS0032	201	202	10	2.2	0.46	22	830	0.5	< 2	2.24	14.0	4	40	122	1.15	< 10	1	0.13	< 10	0.77	115
3CS97006	201	202	20	0.6	2.16	14	1840	0.5	< 2	0.69	0.5	14	32	50	3.95	< 10	1	0.17	10	0.44	890
3CS97007	201	202	10	0.2	1.98	12	1550	0.5	< 2	0.64	0.5	18	29	52	4.58	< 10	< 1	0.22	10	0.48	980
3CS97008	201	202	10	0.4	1.92	10	1420	0.5	< 2	1.10	0.5	17	26	58	3.82	< 10	< 1	0.28	10	0.55	2100
3CS97009	201	202	15	0.4	1.49	8	1130	0.5	< 2	1.53	0.5	13	22	42	3.98	< 10	< 1	0.19	10	0.55	2040
3CS97010	201	202	10	0.2	1.32	10	1030	< 0.5	< 2	0.79	0.5	11	20	41	2.83	< 10	< 1	0.13	10	0.44	645
3CS97011	201	202	10	0.2	1.48	10	1320	0.5	< 2	0.79	0.5	14	24	42	3.69	< 10	< 1	0.16	10	0.49	855
3CS97012	201	202	5	0.2	1.32	8	880	< 0.5	< 2	0.75	< 0.5	10	22	26	2.31	< 10	< 1	0.09	10	0.46	595
3CS97013	201	202	10	0.8	1.32	12	1200	< 0.5	< 2	1.34	1.5	21	21	41	3.49	< 10	< 1	0.08	10	0.51	3210
3CS97014	201	202	10	0.2	1.46	18	1270	0.5	< 2	1.48	3.5	46	19	59	6.29	< 10	< 1	0.09	10	0.47	1200
3CS97015	201	202	< 5	0.2	1.74	28	1380	0.5	< 2	2.76	7.5	51	21	67	6.40	< 10	< 1	0.14	10	0.55	2590
3CS97016	201	202	< 5	0.6	1.16	22	1100	0.5	< 2	3.20	7.5	43	18	66	5.98	< 10	1	0.10	10	0.46	2240
3CS97017	201	202	< 5	0.2	1.09	12	840	0.5	< 2	1.14	1.5	19	19	41	3.78	< 10	< 1	0.09	10	0.47	1285
3CS97018	201	202	10	0.2	0.88	10	680	< 0.5	< 2	1.22	1.5	15	16	32	2.87	< 10	< 1	0.06	10	0.41	635
3CS97019	201	202	< 5	1.0	0.71	14	460	0.5	< 2	0.75	5.0	17	17	64	2.21	< 10	< 1	0.08	< 10	0.28	1075
3CS97020	201	202	< 5	0.8	0.87	16	580	0.5	< 2	0.68	2.5	9	20	56	2.44	< 10	< 1	0.12	< 10	0.29	525
3CS97021	201	202	< 5	0.4	0.99	16	500	0.5	< 2	0.68	3.5	15	19	59	3.22	< 10	1	0.15	10	0.38	1125
4CS0006	201	202	5	0.4	1.49	6	800	< 0.5	< 2	1.40	0.5	10	26	33	2.42	< 10	< 1	0.10	10	0.46	560
4CS0007	201	202	< 5	1.2	1.31	8	1530	0.5	< 2	2.10	1.5	58	23	32	5.19	< 10	1	0.08	10	0.44	9770
4CS0008	201	202	5	0.2	1.54	2	780	0.5	< 2	1.34	0.5	11	27	33	2.42	< 10	< 1	0.09	10	0.48	695
4CS0009	201	202	10	0.4	1.68	6	1000	0.5	< 2	1.23	< 0.5	11	30	39	2.50	< 10	< 1	0.07	10	0.50	350
4CS0010	201	202	10	0.4	1.49	8	1130	< 0.5	< 2	1.79	0.5	9	25	36	2.01	< 10	< 1	0.07	10	0.46	470
4CS0011	201	202	< 5	0.2	1.36	6	660	< 0.5	< 2	1.01	< 0.5	11	23	27	2.37	< 10	< 1	0.06	10	0.44	530
4CS0012	201	202	< 5	0.2	1.52	8	790	< 0.5	< 2	1.09	0.5	10	28	29	2.43	< 10	1	0.07	10	0.51	365
4CS0013	201	202	< 5	0.2	1.51	6	790	< 0.5	< 2	1.33	0.5	10	30	28	2.60	< 10	< 1	0.08	< 10	0.55	270
4CS0014	201	202	< 5	0.2	0.83	< 2	360	< 0.5	< 2	3.07	2.0	6	17	30	1.23	< 10	< 1	0.09	< 10	0.47	440
4CS0015	201	202	5	0.4	1.45	8	1040	< 0.5	< 2	1.48	0.5	10	28	31	2.32	< 10	1	0.07	10	0.54	455
4CS0016	201	202	10	0.2	1.77	10	680	0.5	< 2	0.38	< 0.5	18	28	63	4.37	< 10	< 1	0.17	10	0.42	605
4CS0017	201	202	< 5	0.2	1.60	6	1040	< 0.5	< 2	1.83	0.5	10	31	31	2.52	< 10	< 1	0.09	10	0.58	390
4CS0018	201	202	< 5	0.2	1.22	6	720	< 0.5	< 2	2.24	0.5	8	25	41	2.12	< 10	< 1	0.09	10	0.48	365
4CS0019	201	202	< 5	0.2	1.25	2	800	< 0.5	< 2	2.41	1.5	10	27	34	2.31	< 10	< 1	0.10	< 10	0.53	390

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 11-SEP-97
Invoice No. :I9740938
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9740938

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
2CS0023	201	202	4	0.03	81	1440	8	2	9	81	< 0.01	< 10	< 10	111	< 10	234
2CS0024	201	202	4	0.03	88	1470	6	< 2	10	88	< 0.01	< 10	< 10	128	< 10	256
2CS0025	201	202	4	0.02	87	1660	6	< 2	10	71	< 0.01	< 10	< 10	146	< 10	242
2CS0026	201	202	4	0.03	83	1440	6	2	9	93	< 0.01	< 10	< 10	120	< 10	238
2CS0027	201	202	4	0.02	81	1530	8	< 2	8	66	< 0.01	< 10	< 10	112	< 10	230
2CS0028	201	202	4	0.03	78	1400	8	< 2	7	78	< 0.01	< 10	< 10	87	< 10	382
2CS0029	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
2CS0030	201	202	5	0.03	76	1480	10	< 2	7	75	< 0.01	< 10	< 10	92	< 10	378
2CS0031	201	202	20	0.05	100	2300	8	8	4	138	< 0.01	< 10	10	364	< 10	764
2CS0032	201	202	25	0.06	112	2370	6	12	3	161	< 0.01	< 10	10	490	< 10	946
3CS97006	201	202	3	0.01	38	1270	10	< 2	6	58	0.01	< 10	< 10	75	< 10	126
3CS97007	201	202	3	0.01	39	1780	10	< 2	6	59	0.01	< 10	< 10	64	< 10	130
3CS97008	201	202	3	0.01	40	1730	8	2	5	84	0.01	< 10	< 10	55	< 10	134
3CS97009	201	202	2	0.01	32	1630	6	2	4	118	0.01	< 10	< 10	48	< 10	114
3CS97010	201	202	1	0.01	30	1240	8	< 2	4	71	0.01	< 10	< 10	41	< 10	106
3CS97011	201	202	3	0.01	36	1430	8	< 2	5	85	0.01	< 10	< 10	55	< 10	124
3CS97012	201	202	1	0.01	26	990	6	< 2	4	64	0.02	< 10	< 10	44	< 10	90
3CS97013	201	202	3	0.01	38	1380	6	< 2	5	98	0.01	< 10	< 10	47	< 10	140
3CS97014	201	202	3	0.02	105	2880	10	2	6	85	< 0.01	< 10	< 10	75	< 10	450
3CS97015	201	202	3	0.05	172	3870	8	4	8	105	< 0.01	< 10	< 10	85	< 10	948
3CS97016	201	202	3	0.04	136	3630	8	4	7	99	< 0.01	< 10	< 10	68	< 10	736
3CS97017	201	202	3	0.01	49	1480	8	2	4	71	< 0.01	< 10	< 10	55	< 10	238
3CS97018	201	202	1	0.01	40	1250	6	< 2	4	64	0.01	< 10	< 10	37	< 10	178
3CS97019	201	202	10	0.01	43	1170	8	2	3	77	< 0.01	< 10	< 10	127	< 10	276
3CS97020	201	202	10	0.01	38	1100	12	2	3	108	0.01	< 10	< 10	108	< 10	230
3CS97021	201	202	13	0.02	51	1160	12	2	3	82	< 0.01	< 10	< 10	129	< 10	360
4CS0006	201	202	2	0.01	33	1280	6	< 2	5	81	0.01	< 10	< 10	44	< 10	86
4CS0007	201	202	3	0.01	49	1390	2	< 2	5	116	< 0.01	< 10	< 10	47	< 10	148
4CS0008	201	202	1	0.01	33	1210	6	< 2	5	71	< 0.01	< 10	< 10	50	< 10	92
4CS0009	201	202	1	0.01	35	1340	8	< 2	6	74	< 0.01	< 10	< 10	50	< 10	86
4CS0010	201	202	1	0.01	34	1490	4	< 2	5	92	< 0.01	< 10	< 10	42	< 10	84
4CS0011	201	202	1	0.01	26	1100	6	< 2	4	57	0.01	< 10	< 10	41	< 10	92
4CS0012	201	202	3	0.01	30	1220	6	< 2	5	62	0.01	< 10	< 10	48	< 10	112
4CS0013	201	202	4	0.01	31	1380	6	< 2	4	69	0.01	< 10	< 10	47	< 10	116
4CS0014	201	202	2	0.01	27	1300	2	< 2	3	144	< 0.01	< 10	< 10	26	< 10	74
4CS0015	201	202	2	0.01	32	1120	6	< 2	5	93	0.01	< 10	< 10	46	< 10	102
4CS0016	201	202	2	0.01	34	830	16	< 2	4	34	0.01	< 10	< 10	45	< 10	184
4CS0017	201	202	3	0.01	33	1140	6	< 2	5	104	< 0.01	< 10	< 10	53	< 10	102
4CS0018	201	202	4	0.01	42	1140	2	< 2	4	109	< 0.01	< 10	< 10	39	< 10	86
4CS0019	201	202	3	0.01	36	1270	6	2	5	112	0.01	< 10	< 10	43	< 10	112

CERTIFICATION: Ian Bradley

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
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To: INTERNATIONAL KODIAK RESOURCES **

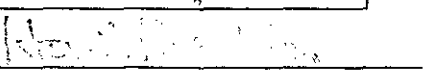
1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 11-SEP-97
Invoice No. :19740938
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9740938

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
4CS0021	201	202	< 5	0.2	1.05	2	400	< 0.5	< 2	1.62	0.5	8	21	27	1.79	< 10	< 1	0.08	< 10	0.40	305
4CS0022A	201	202	< 5	0.2	1.26	4	460	< 0.5	< 2	2.40	0.5	8	24	38	2.08	< 10	< 1	0.08	10	0.50	340
4CS0022B	201	202	10	0.4	1.60	12	690	0.5	< 2	1.43	0.5	14	38	51	3.47	< 10	< 1	0.11	10	0.55	555
4CS0023	201	202	< 5	0.4	1.74	8	670	< 0.5	< 2	1.03	0.5	15	35	43	3.06	< 10	< 1	0.10	10	0.54	355
4CS0024	201	202	< 5	0.2	0.72	2	620	< 0.5	< 2	2.92	< 0.5	5	12	20	1.16	< 10	< 1	0.05	< 10	0.44	290
4CS0025	201	202	< 5	0.2	1.90	8	940	< 0.5	< 2	0.69	0.5	18	41	35	3.57	< 10	< 1	0.10	10	0.56	870
4CS0026	201	202	< 5	0.4	1.93	12	1050	< 0.5	< 2	0.75	0.5	19	40	38	3.39	< 10	< 1	0.10	10	0.51	1255
4CS0027	201	202	< 5	0.4	1.99	12	1080	< 0.5	< 2	0.63	< 0.5	21	46	38	3.80	< 10	< 1	0.09	10	0.60	1135
4CS0028	201	202	10	0.6	1.30	10	460	< 0.5	< 2	1.65	0.5	11	25	63	2.41	< 10	< 1	0.09	10	0.45	270
4CS0029	201	202	10	0.4	1.43	12	500	< 0.5	< 2	1.33	0.5	15	29	52	3.13	< 10	< 1	0.08	10	0.50	405
4CS0030	201	202	10	0.2	1.35	12	510	< 0.5	< 2	1.27	0.5	15	29	53	3.28	< 10	< 1	0.08	10	0.48	625
4CS0031	201	202	10	0.6	1.37	6	520	< 0.5	< 2	1.78	0.5	14	27	60	2.84	< 10	1	0.09	10	0.46	630
4CS0032	201	202	10	0.6	1.43	8	570	< 0.5	< 2	2.21	0.5	14	29	80	2.77	< 10	1	0.10	10	0.52	405
4CS0033	201	202	10	0.4	1.60	8	790	0.5	< 2	1.47	0.5	17	36	64	3.65	< 10	< 1	0.13	10	0.58	735
4CS0034	201	202	10	0.4	1.80	16	670	0.5	< 2	1.46	0.5	16	36	59	3.37	< 10	1	0.14	10	0.60	590
4CS0035	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
4CS0036	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
4CS0037	201	202	5	0.4	1.78	10	850	0.5	< 2	1.55	0.5	14	34	50	2.97	< 10	1	0.12	10	0.59	645
4CS0038	201	202	10	0.4	1.50	6	410	< 0.5	< 2	0.93	< 0.5	11	27	65	2.61	< 10	< 1	0.09	10	0.56	455
4CS0039A	201	202	10	0.2	1.65	8	740	< 0.5	< 2	1.39	< 0.5	12	31	45	2.79	< 10	< 1	0.14	10	0.64	385
4CS0039B	201	202	< 5	0.2	1.45	10	620	< 0.5	< 2	1.47	< 0.5	12	30	46	2.74	< 10	< 1	0.10	10	0.64	360
4CS0041	201	202	10	0.2	1.43	10	560	< 0.5	< 2	1.27	< 0.5	12	28	43	2.74	< 10	< 1	0.09	10	0.61	370
4CS0042	201	202	25	0.2	1.62	16	730	0.5	< 2	1.22	< 0.5	18	34	51	4.10	< 10	1	0.11	10	0.73	610
4CS0043	201	202	10	0.2	1.38	8	520	< 0.5	< 2	1.37	0.5	12	27	42	2.44	< 10	1	0.09	10	0.57	315
4CS0045A	201	202	< 5	0.2	1.54	12	790	0.5	< 2	1.80	1.5	16	32	47	3.54	< 10	1	0.11	10	0.67	770
4CS0045B	201	202	10	0.2	1.50	6	760	< 0.5	< 2	1.48	1.0	11	31	41	2.60	< 10	1	0.10	10	0.57	435
4CS0046	201	202	10	0.4	1.59	12	1200	< 0.5	< 2	1.25	2.0	12	34	50	2.90	< 10	< 1	0.11	10	0.58	375
4CS0047	201	202	5	0.6	1.54	10	940	0.5	< 2	1.40	3.0	13	34	61	2.92	< 10	1	0.14	10	0.61	540
4CS0048	201	202	10	0.6	1.62	10	860	< 0.5	< 2	1.37	1.5	10	34	49	2.44	< 10	< 1	0.11	10	0.58	200
4CS0049	201	202	10	0.6	1.55	10	930	< 0.5	< 2	1.29	2.0	12	34	56	2.70	< 10	< 1	0.12	10	0.61	480
4CS0050	201	202	10	0.4	1.43	10	890	< 0.5	< 2	1.31	2.5	12	32	54	2.87	< 10	1	0.11	10	0.58	535
4CS0051	201	202	10	0.6	1.59	10	960	0.5	< 2	1.20	2.5	13	37	55	2.85	< 10	< 1	0.14	10	0.61	300
4CS0052	201	202	10	0.4	1.50	12	970	0.5	< 2	1.23	2.5	13	34	56	2.92	< 10	1	0.12	10	0.59	525
4CS0053	201	202	10	0.6	1.71	10	1150	0.5	< 2	1.32	2.0	12	37	63	2.98	< 10	< 1	0.15	10	0.63	440
4CS0054	201	202	10	0.6	1.37	6	860	< 0.5	< 2	1.56	2.5	12	31	53	2.58	< 10	1	0.10	10	0.55	525
4CS0055	201	202	5	0.6	1.44	8	880	< 0.5	< 2	1.19	2.0	14	33	52	2.70	< 10	< 1	0.10	10	0.60	585
4CS0056	201	202	10	0.6	1.32	16	880	< 0.5	< 2	1.51	2.0	12	30	56	2.71	< 10	< 1	0.09	10	0.57	595
4CS0057	201	202	15	0.2	1.31	10	880	< 0.5	< 2	0.96	2.0	15	30	46	3.05	< 10	< 1	0.09	10	0.58	540
4CS0058	201	202	5	0.4	1.30	6	830	< 0.5	< 2	1.01	1.5	13	30	45	2.93	< 10	< 1	0.08	10	0.57	490
4CS0059	201	202	10	0.2	1.26	14	870	0.5	< 2	0.86	1.5	17	29	54	4.14	< 10	1	0.09	10	0.60	820

CERTIFICATION: 

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CERTIFICATE OF ANALYSIS A9740938

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
4CS0021	201	202	2	0.01	32	980	4	< 2	4	83	0.01	< 10	< 10	32	< 10	68
4CS0022A	201	202	1	0.01	35	1110	4	< 2	5	120	0.01	< 10	< 10	38	< 10	108
4CS0022B	201	202	3	< 0.01	46	1250	8	< 2	7	80	0.01	< 10	< 10	63	< 10	118
4CS0023	201	202	2	0.01	38	1280	12	< 2	7	69	< 0.01	< 10	< 10	59	< 10	112
4CS0024	201	202	< 1	< 0.01	15	1080	< 2	< 2	2	142	< 0.01	< 10	< 10	22	< 10	36
4CS0025	201	202	3	0.01	40	1230	6	< 2	6	55	< 0.01	< 10	< 10	74	< 10	114
4CS0026	201	202	2	< 0.01	38	1310	8	< 2	7	56	< 0.01	< 10	< 10	75	< 10	98
4CS0027	201	202	3	< 0.01	40	1340	6	< 2	7	53	< 0.01	< 10	< 10	81	< 10	98
4CS0028	201	202	1	0.01	43	1340	6	< 2	6	93	< 0.01	< 10	< 10	39	< 10	122
4CS0029	201	202	2	0.01	44	1270	8	< 2	6	84	< 0.01	< 10	< 10	48	< 10	124
4CS0030	201	202	3	0.01	46	1180	6	< 2	6	78	< 0.01	< 10	< 10	49	< 10	128
4CS0031	201	202	2	0.01	46	1140	10	< 2	7	99	< 0.01	< 10	< 10	43	< 10	126
4CS0032	201	202	2	0.01	50	1340	8	< 2	7	114	< 0.01	< 10	< 10	45	< 10	144
4CS0033	201	202	3	0.01	56	1340	8	2	7	91	0.01	< 10	< 10	61	< 10	146
4CS0034	201	202	3	0.01	49	1240	8	< 2	8	92	0.01	< 10	< 10	63	< 10	130
4CS0035	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
4CS0036	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
4CS0037	201	202	2	0.01	44	1070	6	< 2	7	87	0.01	< 10	< 10	54	< 10	110
4CS0038	201	202	1	0.01	29	840	8	< 2	5	54	0.06	< 10	< 10	45	< 10	98
4CS0039A	201	202	2	0.01	35	1120	8	< 2	6	77	0.01	< 10	< 10	51	< 10	106
4CS0039B	201	202	1	0.01	37	1100	6	< 2	6	81	0.01	< 10	< 10	44	< 10	106
4CS0041	201	202	1	0.01	36	1120	8	< 2	6	74	0.01	< 10	< 10	44	< 10	106
4CS0042	201	202	3	0.01	49	1370	8	< 2	6	74	< 0.01	< 10	< 10	53	< 10	148
4CS0043	201	202	1	0.01	36	1080	6	< 2	6	74	0.01	< 10	< 10	40	< 10	100
4CS0045A	201	202	3	0.01	46	1320	8	< 2	6	93	< 0.01	< 10	< 10	55	< 10	174
4CS0045B	201	202	1	0.01	37	1090	4	< 2	6	83	0.01	< 10	< 10	51	< 10	118
4CS0046	201	202	4	0.02	51	1170	6	< 2	6	94	0.01	< 10	< 10	95	< 10	300
4CS0047	201	202	5	0.02	57	1370	8	< 2	6	105	0.01	< 10	< 10	106	< 10	342
4CS0048	201	202	4	0.01	45	1180	20	< 2	5	102	0.01	< 10	< 10	98	< 10	218
4CS0049	201	202	3	0.02	50	1240	6	< 2	6	98	0.01	< 10	< 10	93	< 10	274
4CS0050	201	202	4	0.02	52	1340	6	2	5	99	0.01	< 10	< 10	95	< 10	318
4CS0051	201	202	4	0.02	54	1450	6	2	6	97	0.01	< 10	< 10	111	< 10	340
4CS0052	201	202	4	0.02	54	1390	8	< 2	5	97	0.01	< 10	< 10	108	< 10	332
4CS0053	201	202	4	0.02	51	1280	6	< 2	7	110	0.01	< 10	< 10	105	< 10	284
4CS0054	201	202	3	0.02	49	1270	6	< 2	5	107	0.01	< 10	< 10	88	< 10	284
4CS0055	201	202	3	0.02	53	1320	6	2	5	92	0.01	< 10	< 10	94	< 10	288
4CS0056	201	202	3	0.02	50	1290	6	2	5	108	0.01	< 10	< 10	83	< 10	290
4CS0057	201	202	4	0.02	54	1520	8	2	5	81	< 0.01	< 10	< 10	86	< 10	302
4CS0058	201	202	4	0.02	50	1390	6	< 2	4	83	< 0.01	< 10	< 10	75	< 10	312
4CS0059	201	202	5	0.01	58	1420	10	2	5	83	< 0.01	< 10	< 10	85	< 10	316

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
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PHONE: 604-984-0221 FAX: 604-984-0218

To: INTERNATIONAL KODIAK RESOURCES **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 11-SEP-97
Invoice No. :I9740938
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9740938

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
4CS0060	201	202	< 5	0.6	1.76	8	690	< 0.5	< 2	0.65	< 0.5	29	50	21	2.77	< 10	< 1	0.08	10	0.78	1155
4CS0061	201	202	< 5	0.8	0.76	< 2	660	< 0.5	< 2	2.31	1.0	15	15	18	0.86	< 10	< 1	0.02	10	0.22	640
4CS0062	201	202	< 5	0.4	1.46	6	860	< 0.5	< 2	0.96	1.5	12	32	45	2.82	< 10	1	0.13	10	0.57	480
4CS0063	201	202	< 5	0.2	1.45	12	960	< 0.5	< 2	0.96	1.5	12	31	44	2.93	< 10	< 1	0.11	10	0.59	785
4CS0064	201	202	< 5	0.4	1.41	8	870	< 0.5	< 2	1.10	1.5	12	31	47	2.77	< 10	< 1	0.10	10	0.59	460
4CS0065	201	202	< 5	0.4	1.35	14	880	< 0.5	< 2	2.37	1.5	13	29	44	2.95	< 10	< 1	0.10	10	0.59	580
4CS0067	201	202	20	0.2	1.47	10	1130	< 0.5	< 2	0.86	1.0	14	32	39	3.11	< 10	1	0.12	10	0.58	405
5CS0001	201	202	< 5	0.8	1.68	12	500	< 0.5	< 2	0.11	1.5	6	37	23	2.82	< 10	< 1	0.05	< 10	0.31	425
5CS0002	201	202	< 5	0.2	1.40	12	520	< 0.5	< 2	0.13	0.5	3	35	21	2.03	< 10	< 1	0.04	< 10	0.24	100
5CS0003	201	202	< 5	1.0	1.07	12	420	< 0.5	< 2	0.08	1.5	2	40	35	1.39	< 10	< 1	0.05	< 10	0.12	60
5CS0004	201	202	< 5	2.6	1.23	14	1510	0.5	< 2	0.17	6.5	3	39	48	2.16	< 10	< 1	0.06	< 10	0.14	110
5CS0005	201	202	< 5	1.0	1.24	10	570	< 0.5	< 2	0.13	1.5	4	34	30	1.91	< 10	< 1	0.05	< 10	0.31	140
5CS0006	201	202	< 5	0.8	1.24	12	440	< 0.5	< 2	0.19	1.5	4	30	27	1.97	< 10	< 1	0.04	< 10	0.32	130
5CS0007	201	202	< 5	1.4	0.97	12	1820	< 0.5	< 2	0.06	1.5	2	20	19	1.68	< 10	< 1	0.04	< 10	0.03	45
5CS0008	201	202	< 5	2.8	1.59	22	1720	< 0.5	< 2	0.22	3.0	5	22	29	2.49	< 10	1	0.04	< 10	0.18	90
5CS0009	201	202	< 5	1.2	1.17	2	1090	< 0.5	< 2	0.20	1.5	4	26	23	1.51	< 10	< 1	0.05	10	0.30	100
5CS0010	201	202	< 5	0.2	1.33	14	750	< 0.5	< 2	0.21	0.5	5	27	21	2.04	< 10	< 1	0.05	10	0.38	140
5CS0011	201	202	< 5	0.8	1.78	8	1890	< 0.5	< 2	0.48	1.5	12	39	36	2.69	< 10	< 1	0.07	10	0.46	345
5CS0012	201	202	< 5	0.8	1.44	14	1530	< 0.5	< 2	0.33	1.5	11	29	31	2.55	< 10	< 1	0.04	10	0.40	515
5CS0013	201	202	< 5	1.0	1.59	12	1440	< 0.5	< 2	0.89	5.5	12	32	44	2.96	< 10	< 1	0.07	10	0.52	690
5CS0014	201	202	< 5	0.6	1.68	10	1180	0.5	< 2	0.77	10.0	14	32	36	3.10	< 10	1	0.09	10	0.52	805
5CS0015	201	202	< 5	0.8	1.55	14	1420	< 0.5	< 2	0.64	4.0	10	32	27	2.55	< 10	< 1	0.07	10	0.51	510
5CS0016	201	202	< 5	0.6	1.71	18	1410	0.5	< 2	0.63	7.0	19	37	47	3.66	< 10	1	0.11	10	0.49	925
5CS0017	201	202	< 5	0.6	1.55	16	1250	0.5	< 2	0.80	8.5	17	34	55	3.62	< 10	< 1	0.11	10	0.47	725
5CS0018	201	202	< 5	0.6	1.54	20	1190	0.5	< 2	0.82	10.5	24	33	62	4.46	< 10	1	0.12	10	0.46	1650
5CS0019	201	202	< 5	0.8	1.54	12	970	0.5	< 2	1.10	9.0	14	32	49	2.88	< 10	< 1	0.09	10	0.51	780
5CS0020	201	202	< 5	0.8	1.39	16	1290	< 0.5	< 2	0.90	5.5	14	34	62	3.06	< 10	1	0.10	10	0.46	710
5CS0021	201	202	< 5	0.4	1.48	20	1190	0.5	< 2	0.61	3.5	18	40	56	3.85	< 10	1	0.12	10	0.50	745
5CS0022	201	202	< 5	0.8	0.43	< 2	1080	< 0.5	< 2	1.01	4.0	3	10	13	0.65	< 10	< 1	0.03	< 10	0.16	50
5CS0023	201	202	< 5	0.8	1.58	10	760	< 0.5	< 2	0.40	1.0	26	38	29	2.42	< 10	< 1	0.09	10	0.51	1185
5CS0024	201	202	< 5	0.2	0.77	8	870	< 0.5	< 2	1.66	3.0	8	15	33	1.57	< 10	< 1	0.08	< 10	0.44	410
5CS0025	201	202	< 5	0.8	1.83	2	1650	0.5	< 2	1.00	5.5	18	30	43	2.69	< 10	1	0.07	10	0.42	470
5CS0026	201	202	< 5	0.6	1.50	10	1080	< 0.5	< 2	0.95	5.0	13	31	41	2.38	< 10	< 1	0.08	10	0.49	490
5CS0027	201	202	< 5	0.6	1.51	4	1060	< 0.5	< 2	0.93	4.5	12	31	44	2.38	< 10	< 1	0.09	10	0.49	270
5CS0028	201	202	< 5	0.2	1.77	6	2040	< 0.5	< 2	0.53	0.5	12	48	28	2.73	< 10	1	0.06	10	0.67	345
5CS0029	201	202	< 5	1.4	1.56	6	1600	< 0.5	< 2	1.30	5.0	19	36	55	2.78	< 10	< 1	0.13	10	0.50	745
5CS0030	201	202	< 5	0.8	1.54	6	980	< 0.5	< 2	0.99	4.5	12	34	44	2.46	< 10	< 1	0.09	10	0.52	350
5CS0031	201	202	< 5	0.4	1.80	6	1350	< 0.5	< 2	0.61	1.0	20	39	40	4.03	< 10	1	0.17	10	0.52	465
5CS0032	201	202	< 5	0.6	1.59	2	1140	< 0.5	< 2	1.47	1.5	14	28	39	2.65	< 10	1	0.12	10	0.47	630
5CS0033	201	202	< 5	0.6	0.96	< 2	2070	< 0.5	< 2	2.39	1.5	5	13	39	1.35	< 10	< 1	0.07	< 10	0.31	560

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1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

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Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 11-SEP-97
Invoice No. :I9740938
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Account :PHY

CERTIFICATE OF ANALYSIS A9740938

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
4CS0060	201	202	3	0.01	31	1080	4	< 2	6	46	0.01	< 10	< 10	90	< 10	100
4CS0061	201	202	1	0.01	16	1380	< 2	< 2	6	118	0.01	< 10	< 10	11	< 10	52
4CS0062	201	202	3	0.02	47	1230	8	< 2	5	85	0.01	< 10	< 10	86	< 10	256
4CS0063	201	202	4	0.01	47	1250	6	< 2	5	85	0.01	< 10	< 10	84	< 10	264
4CS0064	201	202	3	0.02	48	1290	6	< 2	5	89	0.01	< 10	< 10	84	< 10	280
4CS0065	201	202	3	0.02	48	1350	36	< 2	5	134	< 0.01	< 10	< 10	75	< 10	266
4CS0067	201	202	3	0.01	48	1410	6	< 2	5	79	0.01	< 10	< 10	86	< 10	248
5CS0001	201	202	5	< 0.01	13	1450	10	< 2	< 1	47	0.01	< 10	< 10	135	< 10	86
5CS0002	201	202	2	< 0.01	12	1720	8	< 2	< 1	30	< 0.01	< 10	< 10	103	< 10	44
5CS0003	201	202	5	< 0.01	13	1630	8	< 2	< 1	30	< 0.01	< 10	< 10	210	< 10	50
5CS0004	201	202	9	0.01	18	2920	10	2	< 1	53	< 0.01	< 10	< 10	247	< 10	66
5CS0005	201	202	6	0.01	20	1370	8	< 2	< 1	36	< 0.01	< 10	< 10	162	< 10	98
5CS0006	201	202	6	0.02	20	1500	6	2	< 1	31	< 0.01	< 10	< 10	170	< 10	132
5CS0007	201	202	17	< 0.01	9	1180	16	2	< 1	35	< 0.01	< 10	< 10	136	< 10	32
5CS0008	201	202	6	0.01	20	3180	8	2	< 1	41	< 0.01	< 10	< 10	128	< 10	62
5CS0009	201	202	3	< 0.01	18	1110	6	< 2	< 1	32	0.01	< 10	< 10	104	< 10	94
5CS0010	201	202	4	< 0.01	17	1020	6	< 2	< 1	39	0.01	< 10	< 10	129	< 10	64
5CS0011	201	202	6	0.01	34	1300	6	< 2	6	53	< 0.01	< 10	< 10	110	< 10	146
5CS0012	201	202	8	0.01	34	1220	8	< 2	2	52	0.01	< 10	< 10	157	< 10	210
5CS0013	201	202	8	0.04	76	1520	6	2	4	120	0.01	< 10	< 10	157	< 10	672
5CS0014	201	202	6	0.04	84	1480	8	< 2	4	105	0.01	< 10	< 10	110	< 10	650
5CS0015	201	202	5	0.02	37	1320	6	< 2	3	70	0.01	< 10	< 10	127	< 10	306
5CS0016	201	202	10	0.04	71	1930	10	2	5	100	0.01	< 10	< 10	231	< 10	636
5CS0017	201	202	11	0.05	99	1520	8	2	6	132	0.01	< 10	< 10	203	< 10	844
5CS0018	201	202	15	0.05	112	1740	12	2	6	134	< 0.01	< 10	< 10	255	< 10	952
5CS0019	201	202	7	0.05	88	1440	8	< 2	5	129	0.01	< 10	< 10	142	< 10	856
5CS0020	201	202	10	0.04	72	1550	8	4	7	172	< 0.01	< 10	< 10	433	< 10	664
5CS0021	201	202	10	0.04	70	1690	14	4	7	185	< 0.01	< 10	< 10	414	< 10	600
5CS0022	201	202	4	0.01	26	1060	< 2	4	1	93	< 0.01	< 10	< 10	115	< 10	98
5CS0023	201	202	5	0.01	29	1100	8	< 2	4	56	0.03	< 10	< 10	139	< 10	142
5CS0024	201	202	8	0.03	43	1050	2	2	3	124	0.01	< 10	< 10	86	< 10	354
5CS0025	201	202	5	0.04	65	1530	6	< 2	7	91	0.01	< 10	< 10	104	< 10	614
5CS0026	201	202	4	0.04	68	1190	6	< 2	5	96	0.01	< 10	< 10	108	< 10	624
5CS0027	201	202	4	0.03	65	1210	8	2	5	91	0.01	< 10	< 10	110	< 10	538
5CS0028	201	202	3	0.01	37	940	6	< 2	5	41	0.02	< 10	< 10	97	< 10	136
5CS0029	201	202	3	0.03	70	1020	2	< 2	6	113	< 0.01	< 10	< 10	85	< 10	338
5CS0030	201	202	4	0.03	66	1130	6	< 2	6	95	0.01	< 10	< 10	113	< 10	514
5CS0031	201	202	4	0.01	50	1140	6	< 2	7	53	< 0.01	< 10	< 10	77	< 10	132
5CS0032	201	202	2	0.01	40	1170	4	2	6	83	< 0.01	< 10	< 10	47	< 10	104
5CS0033	201	202	1	0.01	38	1570	2	< 2	3	151	< 0.01	< 10	< 10	30	< 10	42

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CERTIFICATE OF ANALYSIS A9740938

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
5CS0034	201	202	< 5	1.4	2.03	6	2540	< 0.5	< 2	0.49	1.5	16	38	38	3.37	< 10	< 1	0.19	10	0.41	750
5CS0035	201	202	< 5	0.4	1.55	10	1680	< 0.5	< 2	0.44	0.5	18	30	44	3.52	< 10	< 1	0.13	10	0.44	1075
5CS0036	201	202	< 5	0.6	1.56	8	1090	< 0.5	< 2	0.92	4.0	13	33	44	2.61	< 10	1	0.09	10	0.54	605
5CS0037	201	202	< 5	0.6	1.54	8	880	< 0.5	< 2	0.97	4.0	14	32	47	2.65	< 10	< 1	0.09	10	0.52	505
5CS0038	201	202	< 5	0.6	1.38	4	1000	< 0.5	< 2	0.94	4.0	13	30	46	2.49	< 10	1	0.08	10	0.50	520
5CS0039	201	202	< 5	0.6	1.38	10	1020	< 0.5	< 2	0.87	3.5	14	31	44	2.69	< 10	< 1	0.08	10	0.51	575
5CS0040	201	202	< 5	0.6	1.26	6	870	< 0.5	< 2	0.95	3.5	13	29	45	2.48	< 10	< 1	0.07	10	0.50	425
5CS0041	201	202	< 5	0.6	1.27	6	980	< 0.5	< 2	0.96	4.0	13	28	48	2.35	< 10	< 1	0.06	10	0.50	485
5CS0042	201	202	< 5	0.6	1.24	4	950	< 0.5	< 2	0.90	3.5	12	28	45	2.44	< 10	< 1	0.07	10	0.49	420
5CS0043	201	202	< 5	0.8	1.36	6	1020	< 0.5	< 2	1.19	4.5	12	29	51	2.34	< 10	< 1	0.08	10	0.49	530
5CS0044	201	202	< 5	0.6	1.39	6	1020	< 0.5	< 2	1.08	4.5	12	29	51	2.45	< 10	< 1	0.09	10	0.50	500
5CS0045	201	202	< 5	0.8	1.52	6	1220	< 0.5	< 2	1.18	4.0	12	32	57	2.55	< 10	1	0.10	10	0.53	405
5CS0046	201	202	< 5	0.6	1.55	6	1250	< 0.5	< 2	1.16	4.5	13	34	60	2.71	< 10	< 1	0.10	10	0.56	445
5CS0047	201	202	< 5	0.4	1.53	6	1340	< 0.5	< 2	0.78	2.5	13	34	47	2.73	< 10	< 1	0.11	10	0.54	275
5CS0048	201	202	< 5	0.6	1.42	8	1440	< 0.5	< 2	1.03	2.5	12	30	53	2.64	< 10	< 1	0.09	10	0.52	420
5CS0049	201	202	< 5	0.4	1.47	6	1130	< 0.5	< 2	0.81	3.0	13	32	48	2.80	< 10	< 1	0.11	10	0.52	400
5CS0050	201	202	< 5	0.4	1.53	6	860	< 0.5	< 2	0.33	0.5	15	24	37	2.45	< 10	< 1	0.09	10	0.46	765
5CS0051	201	202	< 5	1.4	1.83	10	1270	< 0.5	< 2	0.28	1.0	13	29	53	2.67	< 10	< 1	0.13	10	0.45	1240
5CS0052	201	202	30	2.2	2.53	14	1490	0.5	< 2	0.31	0.5	51	35	107	3.96	< 10	1	0.15	10	0.45	2930
5CS0053	201	202	< 5	0.6	1.22	6	690	< 0.5	< 2	1.24	2.0	11	28	52	2.51	< 10	< 1	0.09	10	0.52	275
5CS0054	201	202	< 5	0.6	1.20	10	690	< 0.5	< 2	1.00	1.5	12	29	47	2.68	< 10	< 1	0.07	10	0.51	235
5CS0055	201	202	< 5	0.6	1.30	10	870	< 0.5	< 2	0.95	2.0	14	31	51	2.89	< 10	< 1	0.08	10	0.53	435
5CS0056	201	202	< 5	0.8	1.31	6	770	< 0.5	< 2	1.08	1.5	11	29	37	2.50	< 10	1	0.08	10	0.58	380
5CS0057	201	202	< 5	0.4	1.55	12	1060	0.5	< 2	0.94	2.0	16	35	53	3.32	< 10	< 1	0.11	10	0.62	555
5CS0058	201	202	< 5	0.6	1.44	10	1050	< 0.5	< 2	1.33	3.5	13	33	58	2.79	< 10	< 1	0.12	10	0.57	555
5CS0059	201	202	< 5	0.6	1.45	10	940	< 0.5	< 2	0.88	2.0	12	34	55	2.69	< 10	< 1	0.12	10	0.52	280
5CS0060	201	202	< 5	0.4	1.47	10	890	< 0.5	< 2	1.14	2.0	14	33	53	2.97	< 10	< 1	0.11	10	0.59	450
5CS0061	201	202	< 5	0.6	0.79	8	540	< 0.5	< 2	1.42	2.5	6	18	49	1.52	< 10	< 1	0.08	< 10	0.42	185
5CS0062	201	202	25	2.6	1.68	2	1630	< 0.5	< 2	2.11	3.0	9	24	138	2.09	< 10	1	0.12	10	0.55	1715
5CS0063	201	202	5	0.6	1.45	6	970	< 0.5	< 2	0.41	0.5	5	25	33	2.04	< 10	< 1	0.07	10	0.39	145
5CS0064	201	202	< 5	0.6	1.13	8	980	< 0.5	< 2	0.73	0.5	8	21	43	1.96	< 10	< 1	0.07	10	0.36	455
5CS0065	201	202	< 5	< 0.2	1.31	8	710	< 0.5	< 2	0.36	< 0.5	8	27	35	2.42	< 10	< 1	0.11	10	0.44	300
5CS0066	201	202	< 5	0.6	0.93	6	680	< 0.5	< 2	0.76	3.0	8	18	36	2.06	< 10	< 1	0.09	10	0.34	225
5CS0067	201	202	< 5	0.6	0.87	10	650	< 0.5	< 2	1.11	3.5	10	18	41	2.29	< 10	< 1	0.10	10	0.31	270
5CS0068	201	202	< 5	0.6	0.85	8	620	< 0.5	< 2	1.06	4.5	9	17	45	1.96	< 10	< 1	0.08	< 10	0.33	265
5CS0069	201	202	< 5	0.4	0.78	8	510	< 0.5	< 2	0.72	2.5	8	15	30	1.86	< 10	< 1	0.07	< 10	0.30	190
5CS0070	201	202	< 5	0.6	0.78	8	660	< 0.5	< 2	0.83	3.0	9	16	38	2.12	< 10	1	0.08	< 10	0.29	240
5CS0071	201	202	< 5	0.2	0.87	4	530	< 0.5	< 2	0.50	0.5	6	17	24	1.44	< 10	< 1	0.05	< 10	0.34	200
5CS0072	201	202	< 5	0.2	0.89	6	690	< 0.5	< 2	0.54	1.0	7	18	27	1.62	< 10	< 1	0.07	10	0.33	240
5CS0073	201	202	not/ss	0.2	0.23	< 2	190	< 0.5	< 2	4.93	0.5	1	3	17	0.23	< 10	< 1	0.01	< 10	0.14	260

CERTIFICATION:

Chemex Labs Ltd.

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

To: INTERNATIONAL KODIAK RESOURCES **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 11-SEP-97
Invoice No. :I9740938
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9740938

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
5CS0034	201	202	3	0.01	39	1380	6	< 2	7	58	< 0.01	< 10	< 10	83	< 10	92
5CS0035	201	202	4	0.01	43	1170	8	2	6	54	< 0.01	< 10	< 10	62	< 10	112
5CS0036	201	202	5	0.03	63	1230	14	2	5	89	0.01	< 10	< 10	122	< 10	534
5CS0037	201	202	4	0.03	66	1180	6	2	5	86	0.01	< 10	< 10	108	< 10	502
5CS0038	201	202	4	0.03	61	1130	6	< 2	5	85	< 0.01	< 10	< 10	94	< 10	460
5CS0039	201	202	4	0.03	62	1190	6	< 2	5	81	< 0.01	< 10	< 10	98	< 10	466
5CS0040	201	202	4	0.03	63	1170	6	< 2	5	84	< 0.01	< 10	< 10	77	< 10	466
5CS0041	201	202	4	0.03	61	1150	4	< 2	5	86	< 0.01	< 10	< 10	82	< 10	438
5CS0042	201	202	4	0.03	58	1110	6	< 2	5	81	< 0.01	< 10	< 10	79	< 10	436
5CS0043	201	202	3	0.03	62	1200	6	< 2	6	99	< 0.01	< 10	< 10	85	< 10	468
5CS0044	201	202	3	0.03	61	1240	4	< 2	5	91	< 0.01	< 10	< 10	87	< 10	440
5CS0045	201	202	3	0.03	62	1240	6	< 2	6	104	0.01	< 10	< 10	96	< 10	428
5CS0046	201	202	4	0.03	64	1290	8	< 2	6	105	0.01	< 10	< 10	102	< 10	424
5CS0047	201	202	4	0.02	54	1320	6	< 2	5	81	0.01	< 10	< 10	93	< 10	354
5CS0048	201	202	3	0.02	52	1170	6	< 2	6	104	< 0.01	< 10	< 10	91	< 10	308
5CS0049	201	202	3	0.03	55	1250	6	< 2	5	79	< 0.01	< 10	< 10	93	< 10	340
5CS0050	201	202	1	< 0.01	22	700	8	< 2	4	40	0.03	< 10	< 10	49	< 10	74
5CS0051	201	202	2	0.01	28	1010	8	< 2	3	39	0.02	< 10	< 10	57	< 10	80
5CS0052	201	202	4	0.01	34	1470	18	< 2	7	53	0.01	< 10	< 10	82	< 10	106
5CS0053	201	202	3	0.02	43	1290	6	< 2	6	86	< 0.01	< 10	< 10	65	< 10	228
5CS0054	201	202	3	0.01	46	1320	6	< 2	5	74	< 0.01	< 10	< 10	67	< 10	258
5CS0055	201	202	4	0.02	53	1380	6	< 2	5	79	< 0.01	< 10	< 10	81	< 10	282
5CS0056	201	202	3	0.02	42	1200	6	< 2	5	67	< 0.01	< 10	< 10	75	< 10	284
5CS0057	201	202	4	0.02	57	1420	10	2	6	79	< 0.01	< 10	< 10	91	< 10	284
5CS0058	201	202	4	0.02	54	1440	6	< 2	6	99	0.01	< 10	< 10	94	< 10	316
5CS0059	201	202	4	0.02	45	1430	6	< 2	5	75	0.01	< 10	< 10	104	< 10	260
5CS0060	201	202	3	0.02	55	1380	6	< 2	6	86	< 0.01	< 10	< 10	88	< 10	308
5CS0061	201	202	7	0.01	40	1070	6	2	4	96	0.01	< 10	< 10	108	< 10	248
5CS0062	201	202	3	0.01	41	1270	6	2	7	186	< 0.01	< 10	< 10	56	< 10	92
5CS0063	201	202	1	< 0.01	20	710	6	< 2	4	42	0.01	< 10	< 10	48	< 10	58
5CS0064	201	202	1	< 0.01	22	980	4	< 2	4	58	0.02	< 10	< 10	38	< 10	64
5CS0065	201	202	1	0.01	24	830	6	< 2	4	35	0.03	< 10	< 10	48	< 10	82
5CS0066	201	202	3	0.03	51	1020	6	< 2	4	68	0.01	< 10	< 10	92	< 10	444
5CS0067	201	202	5	0.05	80	1350	6	2	4	79	0.01	< 10	< 10	95	< 10	764
5CS0068	201	202	4	0.04	78	1060	10	2	4	75	0.01	< 10	< 10	89	< 10	654
5CS0069	201	202	3	0.04	58	1080	6	< 2	3	58	0.01	< 10	< 10	69	< 10	566
5CS0070	201	202	4	0.04	68	1320	8	< 2	4	70	0.01	< 10	< 10	81	< 10	638
5CS0071	201	202	2	0.01	22	690	6	< 2	3	38	0.01	< 10	< 10	63	< 10	134
5CS0072	201	202	3	0.01	24	860	6	< 2	3	46	0.01	< 10	< 10	78	< 10	146
5CS0073	201	202	1	0.01	24	850	< 2	< 2	< 1	151	< 0.01	< 10	< 10	25	< 10	48

CERTIFICATION:

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Analytical Chemists * Geochemists * Registered Assayers

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To: INTERNATIONAL KODIAK RESOURCES **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 11-SEP-97
Invoice No. :I9740938
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9740938

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
5CS0074	201	202	< 5	0.6	1.68	16	840	0.5	< 2	0.29	2.0	10	26	39	3.36	< 10	< 1	0.25	10	0.31	205
5CS0075	201	202	< 5	0.6	1.15	10	700	< 0.5	< 2	1.05	3.0	9	23	41	2.16	< 10	1	0.10	10	0.38	290
5CS0076	201	202	< 5	0.6	1.00	10	790	< 0.5	< 2	1.14	4.0	11	21	48	2.53	< 10	< 1	0.11	10	0.37	380
5CS0077	201	202	< 5	0.6	1.02	8	620	< 0.5	< 2	1.11	3.5	9	20	40	2.14	< 10	1	0.09	10	0.37	315
5CS0078	201	202	not/ss	1.0	0.67	< 2	730	< 0.5	< 2	2.54	5.5	11	9	62	0.99	< 10	< 1	0.06	< 10	0.26	2050
5CS0079	201	202	< 5	2.8	1.47	8	1300	0.5	< 2	0.89	0.5	21	21	81	2.43	< 10	< 1	0.14	10	0.23	1835
5CS0080	201	202	< 5	0.8	1.46	6	600	< 0.5	< 2	0.22	0.5	11	27	36	2.62	< 10	< 1	0.13	10	0.31	440
5CS0081	201	202	< 5	0.6	1.04	10	820	< 0.5	< 2	3.03	5.0	10	21	42	2.27	< 10	< 1	0.11	10	0.37	370
5CS0082	201	202	< 5	0.6	1.14	12	730	< 0.5	< 2	1.00	3.5	9	23	41	2.23	< 10	< 1	0.11	10	0.37	295
5CS0083	201	202	< 5	0.6	1.11	12	840	0.5	< 2	1.39	5.0	12	24	52	2.64	< 10	< 1	0.13	10	0.37	430
5CS0084	201	202	< 5	0.8	1.13	6	650	< 0.5	< 2	1.20	3.5	9	22	40	2.00	< 10	< 1	0.09	10	0.39	270
5CS0085	201	202	< 5	0.6	0.91	8	680	< 0.5	< 2	1.75	4.0	11	19	44	2.46	< 10	< 1	0.11	10	0.31	355
5CS0086	201	202	< 5	0.6	0.98	6	590	< 0.5	< 2	1.36	3.0	9	20	34	2.09	< 10	< 1	0.09	10	0.36	265
5CS0087	201	202	< 5	0.6	1.04	10	650	< 0.5	< 2	1.07	3.5	9	21	36	2.04	< 10	< 1	0.09	10	0.36	275
5CS0088	201	202	< 5	0.6	1.03	8	670	< 0.5	< 2	1.19	4.5	9	22	39	2.13	< 10	< 1	0.10	10	0.38	325
5CS0089	201	202	< 5	0.4	1.08	18	980	0.5	< 2	0.59	1.5	14	25	51	3.53	< 10	< 1	0.15	10	0.34	670
5CS0090	201	202	< 5	1.6	1.08	18	1040	0.5	< 2	1.15	5.0	37	28	53	3.52	< 10	1	0.09	10	0.57	2430
5CS0091	201	202	< 5	0.6	0.82	10	660	< 0.5	< 2	0.63	2.0	7	23	36	1.93	< 10	< 1	0.09	10	0.38	210
5CS0092	201	202	< 5	0.4	0.98	8	600	< 0.5	< 2	1.46	3.0	9	19	37	2.02	< 10	< 1	0.09	< 10	0.35	270
5CS0093	201	202	< 5	0.4	0.83	8	490	< 0.5	< 2	1.35	2.5	8	17	32	1.77	< 10	< 1	0.07	< 10	0.32	200
5CS0094	201	202	< 5	0.6	1.02	12	700	< 0.5	< 2	1.38	4.5	11	21	51	2.38	< 10	1	0.10	10	0.36	390
5CS0095	201	202	< 5	0.8	1.13	10	690	< 0.5	< 2	1.51	4.5	11	23	51	2.21	< 10	< 1	0.10	10	0.42	380
5CS0096	201	202	< 5	1.0	1.05	6	740	< 0.5	< 2	1.54	5.0	10	22	56	2.09	< 10	< 1	0.09	10	0.38	410

CERTIFICATION:

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Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 11-SEP-97
Invoice No. :I9740938
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9740938

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
5CS0074	201	202	6	0.03	61	2250	12	< 2	3	38	0.01	< 10	< 10	96	< 10	512
5CS0075	201	202	4	0.04	65	1120	6	2	4	75	0.02	< 10	< 10	107	< 10	578
5CS0076	201	202	5	0.05	84	1450	68	2	4	81	0.01	< 10	< 10	111	< 10	726
5CS0077	201	202	4	0.04	70	1140	6	< 2	4	72	0.02	< 10	< 10	95	< 10	612
5CS0078	201	202	5	0.01	48	1400	2	2	3	157	< 0.01	< 10	< 10	24	< 10	86
5CS0079	201	202	4	0.01	50	1550	6	< 2	5	90	< 0.01	< 10	< 10	57	< 10	144
5CS0080	201	202	3	0.01	30	1370	10	< 2	3	31	0.03	< 10	< 10	79	< 10	148
5CS0081	201	202	4	0.05	84	1330	6	2	4	114	0.02	< 10	< 10	101	< 10	824
5CS0082	201	202	4	0.04	71	1160	6	< 2	4	79	0.02	< 10	< 10	113	< 10	658
5CS0083	201	202	6	0.05	97	1510	8	2	4	95	0.02	< 10	< 10	130	< 10	858
5CS0084	201	202	3	0.04	69	1000	4	< 2	4	74	0.03	< 10	< 10	99	< 10	596
5CS0085	201	202	5	0.04	79	1520	6	2	4	97	0.01	< 10	< 10	106	< 10	718
5CS0086	201	202	3	0.04	69	1130	4	< 2	4	74	0.02	< 10	< 10	84	< 10	604
5CS0087	201	202	4	0.04	67	1100	6	< 2	4	69	0.03	< 10	< 10	91	< 10	628
5CS0088	201	202	3	0.04	77	1190	6	< 2	4	74	0.03	< 10	< 10	96	< 10	682
5CS0089	201	202	7	0.02	57	1300	10	2	5	77	0.01	< 10	< 10	117	< 10	370
5CS0090	201	202	16	0.02	57	1620	6	2	3	88	0.01	< 10	< 10	209	< 10	310
5CS0091	201	202	4	0.01	35	1090	6	< 2	4	63	0.02	< 10	< 10	118	< 10	198
5CS0092	201	202	4	0.04	66	1110	6	2	4	76	0.01	< 10	< 10	89	< 10	606
5CS0093	201	202	3	0.03	57	1080	4	< 2	3	68	0.01	< 10	< 10	74	< 10	488
5CS0094	201	202	5	0.04	86	1390	6	2	4	88	0.01	< 10	< 10	109	< 10	696
5CS0095	201	202	4	0.04	87	1170	6	< 2	5	87	0.02	< 10	< 10	110	< 10	698
5CS0096	201	202	4	0.04	90	1070	6	2	5	85	0.01	< 10	< 10	111	< 10	664

CERTIFICATION:_____

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To: INTERNATIONAL KODIAK RESOURCES

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9740939

Comments: ATTN: GEORGE NICHOLSON

CERTIFICATE A9740939

(PHY) - INTERNATIONAL KODIAK RESOURCES

Project:
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 10-SEP-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	35	Dry, sieve to -80 mesh
202	35	save reject
229	35	ICP - AQ Digestion charge
* NOTE	1:	

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

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	33	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	35	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	35	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	35	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	35	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	35	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	35	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	35	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	35	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	35	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	35	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	35	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	35	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	35	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	35	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	35	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	35	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	35	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	35	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	35	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	35	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	35	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	35	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	35	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	35	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	35	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	35	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	35	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	35	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	35	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	35	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	35	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	35	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

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

To: INTERNATIONAL KODIAK RESOURCES **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 10-SEP-97
Invoice No. :I9740939
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9740939

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
15CS0001	201	202	< 5	1.2	0.94	10	1170	0.5	< 2	1.28	4.5	13	27	63	2.04	< 10	< 1	0.12	< 10	0.24	930
15CS0002	201	202	5	1.4	0.96	12	1210	0.5	< 2	1.06	4.5	7	34	52	1.48	< 10	1	0.10	10	0.25	405
15CS0003	201	202	not/ss	1.0	1.09	18	1360	0.5	< 2	1.16	6.0	10	38	62	2.20	< 10	< 1	0.16	< 10	0.20	835
15CS0004	201	202	< 5	1.0	0.63	4	770	< 0.5	< 2	1.63	6.0	6	17	52	0.92	< 10	< 1	0.04	< 10	0.28	1210
15CS0005	201	202	< 5	0.6	0.97	8	890	< 0.5	< 2	1.01	2.5	7	33	37	1.63	< 10	< 1	0.12	10	0.26	555
15CS0006	201	202	< 5	1.0	0.81	12	810	0.5	< 2	1.15	2.5	11	21	46	2.35	< 10	< 1	0.09	< 10	0.31	780
15CS0007	201	202	< 5	0.4	0.95	20	930	0.5	< 2	0.85	2.0	10	35	48	2.70	< 10	< 1	0.14	10	0.21	425
15CS0008	201	202	< 5	0.6	1.00	14	890	0.5	< 2	0.84	2.0	8	32	51	1.87	< 10	< 1	0.14	10	0.23	225
15CS0009	201	202	< 5	0.2	0.99	< 2	580	0.5	< 2	0.91	0.5	11	18	55	2.11	< 10	< 1	0.12	< 10	0.40	395
15CS0010	201	202	< 5	0.2	0.96	2	520	< 0.5	< 2	0.67	1.5	8	22	37	1.92	< 10	< 1	0.11	10	0.35	255
15CS0011	201	202	10	0.8	1.10	< 2	500	< 0.5	< 2	0.92	2.5	8	28	47	1.87	< 10	< 1	0.10	10	0.40	365
15CS0012	201	202	10	1.0	1.15	6	580	< 0.5	< 2	1.00	2.0	14	29	46	2.17	< 10	< 1	0.08	10	0.46	720
15CS0013	201	202	< 5	1.0	0.86	16	580	0.5	< 2	1.44	4.5	14	25	98	2.83	< 10	1	0.16	10	0.53	1025
15CS0016	201	202	< 5	0.2	1.73	12	1020	0.5	< 2	1.77	1.5	27	38	100	5.05	< 10	< 1	0.18	10	0.69	920
15CS0017	201	202	< 5	0.4	1.69	6	960	0.5	< 2	1.22	1.5	24	38	102	4.92	< 10	< 1	0.17	10	0.67	695
15CS0018	201	202	< 5	0.4	1.45	2	850	0.5	< 2	0.98	1.5	18	32	78	5.15	< 10	1	0.15	10	0.45	525
15CS0019	201	202	15	0.6	1.30	12	910	0.5	< 2	0.80	2.0	25	32	120	5.38	< 10	1	0.19	10	0.43	930
15CS0020	201	202	10	0.4	1.67	8	1090	0.5	< 2	1.15	2.0	23	39	104	5.22	< 10	< 1	0.22	10	0.58	765
15CS0021	201	202	5	0.4	0.96	6	890	0.5	< 2	1.23	1.5	20	24	66	4.12	< 10	< 1	0.16	10	0.32	485
15CS0022	201	202	10	0.4	1.22	6	900	0.5	< 2	1.25	2.0	21	30	79	4.10	< 10	1	0.17	10	0.43	610
15CS0023	201	202	10	2.2	1.84	16	1700	0.5	< 2	0.46	6.0	5	54	64	2.17	< 10	< 1	0.10	< 10	0.31	240
15CS0024	201	202	< 5	1.2	1.14	8	910	< 0.5	< 2	0.60	2.5	9	26	35	1.86	< 10	< 1	0.11	< 10	0.27	390
15CS0025	201	202	10	2.0	1.19	12	950	0.5	< 2	0.74	3.0	8	43	62	2.04	< 10	< 1	0.13	10	0.33	280
15CS0026	201	202	5	2.4	1.11	8	830	< 0.5	< 2	0.62	4.5	9	31	46	2.03	< 10	< 1	0.10	10	0.34	490
15CS0027	201	202	5	2.2	1.20	8	1200	0.5	< 2	0.70	6.0	15	39	51	2.12	< 10	< 1	0.12	10	0.31	750
15CS0028	201	202	< 5	0.8	1.29	12	680	0.5	< 2	0.80	7.0	10	32	50	2.45	< 10	< 1	0.12	10	0.43	450
15CS0029	201	202	< 5	1.0	1.12	10	850	0.5	< 2	1.11	8.5	9	31	84	2.46	< 10	1	0.15	10	0.25	340
15CS0030	201	202	< 5	1.2	0.91	22	1180	0.5	< 2	0.90	8.0	17	36	80	3.12	< 10	< 1	0.15	10	0.16	860
15CS0031	201	202	< 5	1.2	0.97	8	630	< 0.5	< 2	0.94	6.5	10	26	62	2.05	< 10	< 1	0.10	10	0.26	400
15CS0032	201	202	not/ss	0.8	0.98	10	860	0.5	< 2	1.38	10.5	17	31	69	3.34	< 10	< 1	0.19	10	0.36	1985
15CS0033	201	202	10	0.6	1.09	14	790	0.5	< 2	1.06	8.0	16	31	61	3.17	< 10	1	0.18	10	0.28	1385
15CS0034	201	202	15	0.8	1.02	8	610	0.5	< 2	1.33	9.0	20	26	78	3.67	< 10	1	0.19	10	0.26	1585
15CS0035	201	202	20	0.6	1.24	8	1180	0.5	< 2	0.86	4.5	17	25	175	3.72	< 10	< 1	0.19	10	0.21	665
15CS0036	201	202	10	0.8	0.82	18	520	0.5	< 2	1.18	6.5	18	23	80	3.02	< 10	< 1	0.12	10	0.41	1840
15CS0037	201	202	5	0.6	0.85	16	820	0.5	< 2	1.05	10.0	25	20	111	3.92	< 10	< 1	0.15	10	0.24	1855

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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British Columbia, Canada V7J 2C1
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To: INTERNATIONAL KODIAK RESOURCES **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Page Number :1-B
Total Pages :1
Certificate Date: 10-SEP-97
Invoice No. :I9740939
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9740939

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
15CS0001	201	202	6	0.03	62	2330	6	2	4	108	< 0.01	< 10	< 10	154	< 10	464
15CS0002	201	202	4	0.02	45	2510	6	2	3	104	0.01	< 10	< 10	222	< 10	362
15CS0003	201	202	7	0.03	65	3670	8	4	3	132	< 0.01	< 10	< 10	293	< 10	476
15CS0004	201	202	3	0.03	57	1050	2	2	1	93	0.01	< 10	< 10	114	< 10	338
15CS0005	201	202	4	0.01	36	2500	4	2	3	98	0.01	< 10	< 10	157	< 10	264
15CS0006	201	202	6	0.03	49	1570	8	2	3	82	0.01	< 10	< 10	149	< 10	350
15CS0007	201	202	8	0.02	47	2930	10	2	3	89	< 0.01	< 10	< 10	179	< 10	300
15CS0008	201	202	5	0.02	42	2400	10	2	3	92	0.01	< 10	< 10	169	< 10	288
15CS0009	201	202	3	0.02	51	720	8	< 2	4	55	0.02	< 10	< 10	43	< 10	248
15CS0010	201	202	4	0.01	41	1110	6	< 2	4	50	0.03	< 10	< 10	84	< 10	244
15CS0011	201	202	3	0.02	44	1330	6	< 2	4	60	0.03	< 10	< 10	112	< 10	322
15CS0012	201	202	4	0.02	55	1270	6	2	4	63	0.03	< 10	< 10	118	< 10	292
15CS0013	201	202	15	0.03	102	2310	10	6	4	97	0.01	< 10	< 10	204	< 10	606
15CS0016	201	202	4	0.02	72	1640	10	2	9	126	< 0.01	< 10	< 10	79	< 10	244
15CS0017	201	202	4	0.03	69	1540	10	2	9	102	< 0.01	< 10	< 10	81	< 10	254
15CS0018	201	202	4	0.02	56	1490	10	2	7	100	< 0.01	< 10	< 10	80	< 10	322
15CS0019	201	202	7	0.03	95	1630	14	2	8	114	< 0.01	< 10	< 10	104	< 10	456
15CS0020	201	202	5	0.03	75	1580	12	2	9	118	< 0.01	< 10	< 10	93	< 10	350
15CS0021	201	202	3	0.02	61	1250	6	< 2	8	109	< 0.01	< 10	< 10	63	< 10	280
15CS0022	201	202	4	0.03	79	1310	8	2	8	108	< 0.01	< 10	< 10	86	< 10	452
15CS0023	201	202	6	0.01	29	2060	8	6	2	77	0.01	< 10	< 10	319	< 10	252
15CS0024	201	202	4	0.01	28	1420	6	2	3	69	< 0.01	< 10	< 10	161	< 10	200
15CS0025	201	202	7	0.02	40	2330	8	6	4	99	0.01	< 10	< 10	236	< 10	300
15CS0026	201	202	5	0.02	38	1590	6	2	3	75	0.01	< 10	< 10	195	< 10	294
15CS0027	201	202	6	0.02	39	2060	8	4	4	95	0.01	< 10	< 10	295	< 10	334
15CS0028	201	202	6	0.03	48	1590	8	4	4	92	0.03	< 10	< 10	171	< 10	462
15CS0029	201	202	7	0.06	96	2090	8	6	4	111	0.01	< 10	< 10	184	< 10	1035
15CS0030	201	202	12	0.03	59	3080	10	8	4	124	< 0.01	< 10	< 10	434	< 10	488
15CS0031	201	202	6	0.04	63	1700	4	2	4	88	0.01	< 10	< 10	197	< 10	662
15CS0032	201	202	10	0.05	106	2930	8	2	5	150	< 0.01	< 10	< 10	215	< 10	890
15CS0033	201	202	8	0.05	101	2330	8	4	5	119	0.01	< 10	< 10	191	< 10	904
15CS0034	201	202	9	0.06	122	2400	6	2	6	135	< 0.01	< 10	< 10	152	< 10	968
15CS0035	201	202	8	0.05	101	2460	10	2	8	185	< 0.01	< 10	< 10	101	< 10	812
15CS0036	201	202	14	0.06	138	1980	12	2	4	87	0.01	< 10	< 10	163	< 10	1050
15CS0037	201	202	14	0.08	176	2850	10	2	6	148	< 0.01	< 10	< 10	134	< 10	1545

CERTIFICATION:

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To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9740940

Comments: ATTN: GEORGE NICHOLSON

CERTIFICATE A9740940

(PHY) - INTERNATIONAL KODIAK RESOURCES INC.

Project:
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 13-SEP-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	231	Dry, sieve to -80 mesh
202	231	save reject
229	231	ICP - AQ Digestion charge

* NOTE 1:

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

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	188	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	231	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	231	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	231	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	231	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	231	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	231	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	231	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	231	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	231	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	231	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	231	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	231	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	231	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	231	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	231	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	231	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	231	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	231	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	231	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	231	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	231	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	231	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	231	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	231	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	231	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	231	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	231	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	231	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	231	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	231	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	231	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	231	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

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V6B 1N2

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CERTIFICATE OF ANALYSIS A9740940

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
6CS0001	201	202	< 5	2.2	1.14	20	1640	< 0.5	< 2	0.23	2.5	< 1	36	40	1.89	< 10	< 1	0.11	< 10	0.06	30
6CS0002	201	202	10	3.4	1.09	10	1470	0.5	< 2	1.52	21.0	6	56	135	1.47	< 10	< 1	0.12	10	0.18	140
6CS0003	201	202	< 5	2.8	1.02	14	1240	0.5	< 2	1.53	13.0	13	54	83	1.62	< 10	< 1	0.10	10	0.23	1055
6CS0004	201	202	10	1.6	1.23	< 2	810	0.5	< 2	0.38	3.0	4	34	55	0.93	< 10	< 1	0.07	10	0.25	65
6CS0005	201	202	< 5	1.2	1.09	8	740	< 0.5	< 2	0.78	5.0	8	33	46	1.65	< 10	< 1	0.08	10	0.33	335
6CS0006	201	202	10	1.0	1.20	20	870	0.5	< 2	1.07	45.0	21	26	61	2.85	< 10	< 1	0.18	10	0.31	>10000
6CS0007	201	202	< 5	0.8	1.07	20	960	0.5	< 2	1.11	7.5	12	32	53	3.00	< 10	< 1	0.16	10	0.30	770
6CS0008	201	202	10	1.6	1.14	18	960	0.5	< 2	0.71	10.0	11	39	77	2.39	< 10	< 1	0.13	10	0.26	410
6CS0009	201	202	10	1.2	1.07	20	750	0.5	< 2	0.74	7.0	11	32	71	2.77	< 10	< 1	0.13	10	0.29	460
6CS0014	201	202	20	4.8	0.64	32	620	0.5	< 2	0.98	9.5	4	65	142	2.26	< 10	< 1	0.24	10	0.24	245
6CS0016	201	202	10	3.2	0.73	24	540	0.5	< 2	0.88	9.0	5	49	126	2.29	< 10	< 1	0.24	10	0.22	270
6CS0017	201	202	10	2.6	0.62	34	490	0.5	< 2	0.99	9.0	8	32	147	3.71	< 10	< 1	0.27	10	0.21	625
6CS0018	201	202	10	1.8	0.88	24	520	0.5	< 2	1.12	16.0	14	27	161	3.19	< 10	< 1	0.22	10	0.25	990
6CS0019	201	202	15	1.8	0.39	18	410	0.5	< 2	0.93	6.5	5	22	96	1.79	< 10	< 1	0.17	< 10	0.21	345
6CS0020	201	202	10	1.6	0.58	22	470	0.5	< 2	1.27	7.5	10	20	88	2.53	< 10	< 1	0.14	< 10	0.35	535
6CS0021	201	202	10	1.6	0.60	20	430	0.5	< 2	1.37	8.5	9	21	92	2.35	< 10	< 1	0.13	< 10	0.36	500
6CS0022	201	202	10	0.8	0.77	16	440	0.5	< 2	1.48	4.0	9	15	74	2.22	< 10	< 1	0.17	< 10	0.41	570
6CS0025	201	202	20	1.2	1.23	20	650	0.5	< 2	1.25	2.5	16	20	100	3.73	< 10	< 1	0.23	< 10	0.54	635
6CS0026	201	202	15	1.2	0.89	14	560	0.5	< 2	1.12	5.0	10	28	85	2.53	< 10	< 1	0.21	< 10	0.41	450
6CS0028	201	202	15	1.2	1.07	20	640	0.5	< 2	1.18	7.5	13	26	96	3.05	< 10	< 1	0.23	< 10	0.48	670
6CS0029	201	202	15	1.2	1.08	18	700	0.5	< 2	1.26	9.0	14	24	105	3.35	< 10	< 1	0.21	< 10	0.51	725
6CS0030	201	202	15	1.2	0.74	18	540	0.5	< 2	1.24	7.0	9	23	94	2.52	< 10	< 1	0.17	< 10	0.39	520
6CS0031	201	202	10	0.6	0.90	10	360	< 0.5	< 2	1.04	2.5	8	22	41	2.04	< 10	< 1	0.12	10	0.55	360
6CS0033	201	202	10	0.8	0.90	14	430	0.5	< 2	0.96	4.0	8	24	58	2.39	< 10	< 1	0.15	10	0.46	420
6CS0034	201	202	10	1.2	0.64	18	400	0.5	< 2	1.01	6.0	8	23	79	2.45	< 10	< 1	0.16	< 10	0.33	455
6CS0035	201	202	10	0.4	0.55	6	470	0.5	< 2	1.13	2.5	10	6	66	2.15	< 10	< 1	0.14	< 10	0.21	955
6CS0036	201	202	15	4.2	0.52	28	620	0.5	< 2	1.47	13.5	7	63	146	1.84	< 10	< 1	0.11	10	0.21	395
6CS0037	201	202	10	2.2	0.58	20	470	0.5	< 2	0.99	7.0	8	32	111	2.34	< 10	< 1	0.16	< 10	0.21	445
6CS0038	201	202	15	1.8	0.66	24	510	0.5	< 2	1.07	6.0	7	32	98	2.35	< 10	< 1	0.19	< 10	0.37	355
6CS0039	201	202	15	1.2	1.12	8	670	0.5	< 2	1.20	8.0	8	31	98	2.02	< 10	< 1	0.15	10	0.46	365
6CS0040	201	202	20	2.6	0.90	20	490	0.5	< 2	1.19	7.0	8	44	123	2.61	< 10	< 1	0.25	10	0.25	360
6CS0041	201	202	15	1.6	1.06	22	610	0.5	< 2	1.06	6.5	8	44	112	2.56	< 10	< 1	0.25	10	0.36	370
6CS0042	201	202	5	1.2	0.89	14	430	0.5	< 2	1.22	3.5	6	29	64	2.75	< 10	< 1	0.27	10	0.50	310
6CS0043	201	202	5	1.4	0.91	16	500	0.5	< 2	1.32	4.5	7	29	75	2.78	< 10	< 1	0.26	10	0.50	345
6CS0044	201	202	10	2.0	0.69	18	420	0.5	< 2	0.98	5.5	7	39	105	2.31	< 10	< 1	0.20	< 10	0.25	310
6CS0045	201	202	10	1.4	0.70	18	440	0.5	< 2	1.25	5.0	7	24	81	2.56	< 10	< 1	0.19	< 10	0.41	340
6CS0046	201	202	15	3.2	0.64	30	410	0.5	< 2	1.07	20.0	8	41	158	2.16	< 10	< 1	0.12	10	0.23	420
6CS0047	201	202	10	1.4	0.78	14	490	0.5	< 2	1.00	5.5	7	33	81	2.32	< 10	< 1	0.21	< 10	0.31	340
6CS0049	201	202	10	1.6	0.89	18	510	0.5	< 2	1.24	8.5	7	39	96	2.45	< 10	< 1	0.23	< 10	0.39	335
6CS0050	201	202	15	1.6	0.60	18	360	0.5	< 2	1.16	10.0	8	25	129	2.04	< 10	< 1	0.16	< 10	0.31	340

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Page Number :1-B
Total Pages :6
Certificate Date: 13-SEP-97
Invoice No. :I9740940
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9740940

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
6CS0001	201	202	38	< 0.01	29	4050	16	16	1	380	< 0.01	< 10	< 10	580	< 10	142
6CS0002	201	202	4	< 0.01	101	5330	8	12	3	214	< 0.01	< 10	< 10	345	< 10	594
6CS0003	201	202	7	< 0.01	71	4610	6	8	2	144	< 0.01	< 10	< 10	388	< 10	502
6CS0004	201	202	2	< 0.01	31	1110	10	< 2	1	55	0.01	< 10	< 10	116	< 10	162
6CS0005	201	202	4	< 0.01	42	2080	6	2	3	72	0.02	< 10	< 10	191	< 10	340
6CS0006	201	202	188	< 0.01	834	1650	2	< 2	4	121	0.01	< 10	10	154	< 10	3280
6CS0007	201	202	9	< 0.01	85	3050	8	6	3	113	0.02	< 10	< 10	207	< 10	766
6CS0008	201	202	15	< 0.01	101	2730	2	2	3	113	0.01	< 10	< 10	303	< 10	856
6CS0009	201	202	11	< 0.01	92	2270	6	8	3	102	0.02	< 10	< 10	246	< 10	804
6CS0014	201	202	16	< 0.01	114	4530	14	6	3	152	< 0.01	< 10	10	395	< 10	534
6CS0016	201	202	13	< 0.01	110	3270	12	2	3	137	< 0.01	< 10	< 10	447	< 10	462
6CS0017	201	202	15	0.01	102	3580	16	6	4	184	< 0.01	< 10	< 10	342	< 10	468
6CS0018	201	202	14	< 0.01	133	2920	12	6	4	149	< 0.01	< 10	10	317	< 10	808
6CS0019	201	202	10	< 0.01	75	1380	12	2	2	104	< 0.01	< 10	< 10	152	< 10	642
6CS0020	201	202	16	< 0.01	108	2760	8	6	3	139	< 0.01	< 10	< 10	175	< 10	704
6CS0021	201	202	16	< 0.01	110	2490	6	6	3	130	< 0.01	< 10	< 10	168	< 10	784
6CS0022	201	202	9	< 0.01	62	1520	8	2	3	113	< 0.01	< 10	< 10	112	< 10	372
6CS0025	201	202	10	< 0.01	81	1270	12	2	5	114	< 0.01	< 10	< 10	105	< 10	320
6CS0026	201	202	8	< 0.01	81	2140	10	4	3	114	< 0.01	< 10	< 10	162	< 10	468
6CS0028	201	202	12	< 0.01	91	1800	10	2	4	118	< 0.01	< 10	< 10	154	< 10	490
6CS0029	201	202	10	< 0.01	100	1610	10	2	4	122	< 0.01	< 10	< 10	149	< 10	580
6CS0030	201	202	10	< 0.01	82	1750	8	< 2	4	117	< 0.01	< 10	< 10	153	< 10	476
6CS0031	201	202	3	0.01	39	1130	4	< 2	3	69	0.03	< 10	< 10	90	< 10	210
6CS0033	201	202	5	< 0.01	52	1450	10	< 2	3	89	0.02	< 10	< 10	129	< 10	324
6CS0034	201	202	8	< 0.01	70	1860	10	4	3	115	< 0.01	< 10	< 10	165	< 10	444
6CS0035	201	202	5	< 0.01	42	950	10	< 2	3	78	< 0.01	< 10	< 10	42	< 10	138
6CS0036	201	202	14	< 0.01	102	2900	6	6	3	137	< 0.01	< 10	< 10	493	< 10	764
6CS0037	201	202	12	< 0.01	77	2120	14	6	3	120	< 0.01	< 10	< 10	290	< 10	480
6CS0038	201	202	12	< 0.01	71	2690	10	2	3	141	< 0.01	< 10	< 10	257	< 10	454
6CS0039	201	202	4	< 0.01	66	1580	6	< 2	3	130	0.01	< 10	< 10	193	< 10	486
6CS0040	201	202	12	< 0.01	84	2440	14	< 2	3	154	< 0.01	< 10	< 10	322	< 10	438
6CS0041	201	202	12	< 0.01	74	2570	10	2	4	140	< 0.01	< 10	< 10	317	< 10	486
6CS0042	201	202	6	0.01	55	1940	10	< 2	3	151	0.01	< 10	< 10	158	< 10	270
6CS0043	201	202	6	0.01	58	1850	10	2	4	153	0.01	< 10	< 10	171	< 10	324
6CS0044	201	202	11	< 0.01	69	2310	12	< 2	3	129	< 0.01	< 10	< 10	232	< 10	390
6CS0045	201	202	11	< 0.01	59	1860	8	2	3	139	< 0.01	< 10	< 10	160	< 10	338
6CS0046	201	202	26	< 0.01	116	2330	6	10	3	130	< 0.01	< 10	10	408	< 10	946
6CS0047	201	202	9	< 0.01	58	2040	8	2	3	125	< 0.01	< 10	< 10	218	< 10	348
6CS0049	201	202	10	< 0.01	73	2010	10	< 2	4	139	< 0.01	< 10	< 10	248	< 10	456
6CS0050	201	202	11	< 0.01	87	1780	10	6	3	162	< 0.01	< 10	< 10	203	< 10	578

CERTIFICATION:

Chemex Labs Ltd.

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 13-SEP-97
Invoice No. :19740940
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9740940

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
6CS0051	201	202	10	1.0	0.63	14	440	0.5	< 2	1.03	5.5	10	18	88	2.43	< 10	< 1	0.17	< 10	0.27	400
6CS0053	201	202	10	1.2	0.60	18	470	0.5	< 2	1.23	9.5	9	21	97	2.17	< 10	< 1	0.16	< 10	0.29	540
6CS0054	201	202	10	1.2	0.63	16	440	0.5	< 2	0.86	5.0	8	22	80	2.35	< 10	< 1	0.16	< 10	0.26	340
6CS0055	201	202	15	1.4	0.61	18	450	0.5	< 2	1.21	7.5	9	24	99	2.23	< 10	< 1	0.17	< 10	0.29	450
C70001VEG	201	202	10	0.4	0.66	6	460	< 0.5	< 2	1.57	1.5	6	12	54	1.57	< 10	< 1	0.12	< 10	0.18	385
C70007	201	202	20	1.0	0.91	18	490	0.5	< 2	0.99	3.0	10	29	89	3.06	< 10	< 1	0.24	< 10	0.34	555
C70008	201	202	15	1.2	0.98	24	250	0.5	< 2	1.34	3.0	11	34	98	3.46	< 10	< 1	0.27	< 10	0.40	790
C70027	201	202	< 5	0.2	0.77	12	270	< 0.5	< 2	0.06	< 0.5	5	18	33	2.66	< 10	< 1	0.12	10	0.09	135
C70028	201	202	5	0.2	1.67	18	310	< 0.5	< 2	0.09	0.5	4	34	42	2.46	< 10	< 1	0.10	10	0.27	120
C70031	201	202	10	0.2	1.31	8	560	0.5	< 2	0.97	0.5	9	24	48	2.38	< 10	< 1	0.14	10	0.54	285
8CS0001	201	202	10	1.2	1.31	18	790	0.5	< 2	0.24	2.0	6	36	69	2.88	< 10	< 1	0.18	10	0.24	200
8CS0002	201	202	5	0.6	0.88	20	370	< 0.5	< 2	0.15	0.5	4	21	80	2.94	< 10	< 1	0.26	< 10	0.13	125
8CS0003	201	202	10	9.2	0.90	52	510	1.0	< 2	1.41	28.0	7	130	282	2.33	< 10	< 1	0.17	10	0.36	235
8CS0004	201	202	10	1.0	1.05	24	400	0.5	< 2	0.31	3.5	8	30	50	2.35	< 10	< 1	0.13	10	0.32	430
8CS0005	201	202	5	0.8	1.06	34	410	< 0.5	< 2	0.17	2.0	6	27	62	6.35	< 10	< 1	0.17	< 10	0.23	225
8CS0006	201	202	15	4.0	0.82	40	510	0.5	< 2	1.33	16.5	9	63	167	2.90	< 10	< 1	0.20	10	0.34	480
8CS0007	201	202	15	1.0	1.18	20	600	0.5	4	0.49	4.0	10	22	113	3.77	< 10	< 1	0.23	< 10	0.23	745
8CS0008	201	202	15	1.6	1.00	16	700	0.5	< 2	1.05	4.0	8	35	85	2.20	< 10	< 1	0.11	10	0.39	390
8CS0009	201	202	30	2.4	0.79	36	610	0.5	< 2	0.88	10.5	17	34	117	2.85	< 10	< 1	0.18	10	0.22	1220
8CS0011	201	202	10	1.6	0.91	24	710	0.5	< 2	1.23	4.0	8	26	84	2.50	< 10	< 1	0.12	< 10	0.32	430
8CS0012	201	202	35	3.0	1.05	22	650	0.5	< 2	1.40	4.5	13	30	161	3.30	< 10	< 1	0.17	10	0.41	390
8CS0013	201	202	< 5	1.4	1.05	26	740	0.5	< 2	1.36	11.0	18	33	100	3.53	< 10	< 1	0.25	10	0.46	1845
8CS0014	201	202	15	1.2	1.18	24	780	0.5	< 2	1.11	5.0	10	31	95	2.51	< 10	< 1	0.19	10	0.32	460
8CS0015	201	202	10	1.6	0.89	16	910	0.5	< 2	0.91	6.0	9	30	82	1.87	< 10	< 1	0.12	10	0.28	550
8CS0016	201	202	< 5	1.4	0.86	20	1100	0.5	< 2	0.77	6.0	10	30	85	2.16	< 10	< 1	0.15	10	0.23	570
8CS0017	201	202	15	1.4	0.98	10	790	< 0.5	< 2	0.76	4.0	8	32	65	1.66	< 10	< 1	0.11	< 10	0.29	415
8CS0018	201	202	20	1.4	1.05	16	510	0.5	< 2	0.61	1.5	7	21	51	2.82	< 10	< 1	0.25	10	0.24	830
8CS0019	201	202	10	1.4	0.95	16	810	< 0.5	< 2	0.48	5.0	9	25	68	1.79	< 10	< 1	0.07	< 10	0.27	435
8CS0020	201	202	10	1.6	0.75	26	750	0.5	< 2	0.52	7.0	5	21	78	1.69	< 10	< 1	0.07	< 10	0.19	300
8CS0021	201	202	10	< 0.2	0.73	10	190	< 0.5	< 2	0.07	1.5	4	12	47	2.42	< 10	< 1	0.08	< 10	0.06	105
8CS0022	201	202	< 5	0.6	1.36	8	530	0.5	< 2	0.41	0.5	6	23	47	2.00	< 10	< 1	0.07	10	0.33	215
8CS0023	201	202	< 5	1.0	1.82	10	200	< 0.5	< 2	0.09	2.5	7	26	33	2.83	< 10	< 1	0.08	< 10	0.25	525
8CS0024	201	202	10	0.4	1.08	8	520	< 0.5	< 2	0.04	0.5	4	32	36	1.84	< 10	< 1	0.18	< 10	0.13	240
8CS0025	201	202	10	< 0.2	2.27	8	280	< 0.5	< 2	0.15	0.5	9	35	32	3.98	< 10	< 1	0.11	10	0.40	270
8CS0026	201	202	10	1.2	1.04	20	610	< 0.5	< 2	0.52	1.5	4	25	62	2.38	< 10	< 1	0.18	< 10	0.23	120
8CS0027	201	202	10	1.0	0.82	16	710	< 0.5	< 2	0.09	0.5	1	29	32	1.83	< 10	< 1	0.20	< 10	0.10	50
8CS0028	201	202	10	0.4	1.39	14	200	< 0.5	< 2	0.69	0.5	5	24	34	2.26	< 10	< 1	0.08	< 10	0.42	150
8CS0029	201	202	10	< 0.2	1.72	12	490	< 0.5	< 2	0.26	1.0	8	28	31	2.72	< 10	< 1	0.09	10	0.46	410
8CS0030	201	202	10	0.4	1.12	8	520	< 0.5	< 2	0.36	2.0	7	22	43	1.91	< 10	< 1	0.11	10	0.33	120
8CS0031	201	202	< 5	0.2	1.10	12	450	< 0.5	< 2	0.20	0.5	6	22	40	2.39	< 10	< 1	0.16	< 10	0.24	210

CERTIFICATION:

Chemex Labs Ltd.

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 13-SEP-97
Invoice No. :I9740940
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9740940

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
6CS0051	201	202	7	< 0.01	59	1450	6	< 2	4	120	< 0.01	< 10	< 10	112	< 10	310
6CS0053	201	202	8	< 0.01	67	1660	12	2	3	117	< 0.01	< 10	< 10	148	< 10	438
6CS0054	201	202	7	< 0.01	58	1860	12	< 2	3	117	< 0.01	< 10	< 10	167	< 10	356
6CS0055	201	202	9	< 0.01	68	1690	10	2	3	121	< 0.01	< 10	< 10	150	< 10	412
C70001VEG	201	202	3	< 0.01	22	850	6	< 2	3	53	< 0.01	< 10	< 10	36	< 10	78
C70007	201	202	13	< 0.01	63	1400	12	4	3	118	< 0.01	< 10	< 10	184	< 10	270
C70008	201	202	11	0.01	70	1610	18	2	4	138	< 0.01	< 10	< 10	187	< 10	246
C70027	201	202	4	< 0.01	20	470	12	< 2	1	29	0.04	< 10	< 10	65	< 10	78
C70028	201	202	5	< 0.01	22	500	8	< 2	3	30	0.03	< 10	< 10	125	< 10	72
C70031	201	202	1	< 0.01	33	830	8	< 2	5	72	0.03	< 10	< 10	51	< 10	110
8CS0001	201	202	9	< 0.01	38	1550	16	2	4	94	0.02	< 10	< 10	234	< 10	122
8CS0002	201	202	11	0.01	20	780	24	< 2	2	88	< 0.01	< 10	< 10	95	< 10	72
8CS0003	201	202	43	< 0.01	160	3490	12	14	5	166	0.01	< 10	20	1035	< 10	1180
8CS0004	201	202	11	< 0.01	38	1380	10	6	3	46	0.03	< 10	< 10	183	< 10	260
8CS0005	201	202	16	< 0.01	35	1720	10	< 2	3	46	0.03	< 10	< 10	230	< 10	262
8CS0006	201	202	27	< 0.01	130	3520	12	10	5	155	< 0.01	< 10	10	489	< 10	966
8CS0007	201	202	11	< 0.01	72	1420	12	4	5	83	0.01	< 10	< 10	110	< 10	382
8CS0008	201	202	9	< 0.01	58	1710	8	4	3	81	0.02	< 10	< 10	232	< 10	256
8CS0009	201	202	21	< 0.01	85	2940	16	10	4	144	< 0.01	< 10	10	315	< 10	596
8CS0011	201	202	11	< 0.01	60	1660	14	6	4	112	< 0.01	< 10	< 10	180	< 10	324
8CS0012	201	202	13	< 0.01	125	2530	8	4	6	139	< 0.01	< 10	< 10	129	< 10	506
8CS0013	201	202	15	< 0.01	96	2700	12	4	4	143	< 0.01	< 10	< 10	240	< 10	798
8CS0014	201	202	12	< 0.01	77	2520	6	6	4	117	< 0.01	< 10	< 10	213	< 10	440
8CS0015	201	202	11	< 0.01	52	1660	8	4	2	96	0.01	< 10	< 10	274	< 10	292
8CS0016	201	202	14	< 0.01	57	1800	8	6	3	99	0.01	< 10	< 10	320	< 10	356
8CS0017	201	202	3	< 0.01	34	1590	8	2	1	91	0.01	< 10	< 10	187	< 10	180
8CS0018	201	202	7	< 0.01	49	1540	18	2	4	121	0.01	< 10	< 10	130	< 10	118
8CS0019	201	202	1	< 0.01	32	1680	8	< 2	2	69	0.01	< 10	< 10	155	< 10	170
8CS0020	201	202	12	< 0.01	52	1450	8	2	1	75	< 0.01	< 10	< 10	341	< 10	348
8CS0021	201	202	4	< 0.01	19	510	14	< 2	1	22	0.02	< 10	< 10	62	< 10	140
8CS0022	201	202	2	< 0.01	20	800	10	< 2	3	46	0.01	< 10	< 10	82	< 10	88
8CS0023	201	202	1	< 0.01	18	600	12	< 2	1	16	0.03	< 10	< 10	110	< 10	174
8CS0024	201	202	4	< 0.01	16	440	10	2	2	32	< 0.01	< 10	< 10	76	< 10	58
8CS0025	201	202	4	< 0.01	27	500	14	2	3	20	0.08	< 10	< 10	80	< 10	154
8CS0026	201	202	8	< 0.01	25	480	8	2	4	66	0.01	< 10	< 10	164	< 10	126
8CS0027	201	202	9	< 0.01	11	740	12	2	1	61	< 0.01	< 10	< 10	204	< 10	62
8CS0028	201	202	1	< 0.01	20	390	6	< 2	3	32	0.05	< 10	< 10	50	< 10	92
8CS0029	201	202	1	< 0.01	25	720	10	< 2	3	31	0.05	< 10	< 10	65	< 10	102
8CS0030	201	202	1	< 0.01	24	1020	6	< 2	3	59	0.03	< 10	< 10	85	< 10	118
8CS0031	201	202	4	< 0.01	23	570	4	4	3	37	0.03	< 10	< 10	74	< 10	110

CERTIFICATION:

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To: INTERNATIONAL KODIAK RESOURCES INC. **

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VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 13-SEP-97
Invoice No. :I9740940
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Account :PHY

CERTIFICATE OF ANALYSIS A9740940

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
8CS0032	201	202	15	0.8	0.97	14	480	0.5	< 2	0.53	2.0	6	27	108	3.62	< 10	< 1	0.20	10	0.15	290
8CS0033	201	202	10	0.2	1.56	20	590	0.5	< 2	0.24	1.5	13	35	59	3.22	< 10	< 1	0.14	10	0.36	485
8CS0034	201	202	< 5	0.2	1.22	12	440	0.5	< 2	0.22	1.5	11	24	57	8.23	< 10	< 1	0.12	< 10	0.26	500
8CS0035	201	202	35	2.0	1.63	12	1500	0.5	< 2	0.49	4.0	8	25	108	2.98	< 10	< 1	0.14	10	0.21	355
8CS0036	201	202	15	1.2	0.98	14	710	< 0.5	< 2	0.45	2.0	16	25	63	2.93	< 10	< 1	0.14	10	0.24	655
8CS0037	201	202	10	< 0.2	1.05	10	300	< 0.5	< 2	0.24	0.5	6	21	41	2.27	< 10	< 1	0.10	< 10	0.32	155
8CS0038	201	202	< 5	0.2	1.79	8	260	< 0.5	< 2	0.18	1.5	11	26	31	4.23	< 10	< 1	0.06	10	0.30	460
8CS0039	201	202	25	< 0.2	1.05	6	290	0.5	< 2	0.43	5.0	34	21	157	9.27	< 10	< 1	0.09	10	0.33	1970
8CS0040	201	202	< 5	0.6	1.56	10	550	< 0.5	< 2	0.49	0.5	8	32	43	2.37	< 10	< 1	0.11	10	0.41	210
8CS0041	201	202	< 5	0.8	1.14	2	340	< 0.5	< 2	0.38	< 0.5	2	30	21	1.02	< 10	< 1	0.12	10	0.28	60
8CS0042	201	202	< 5	0.6	0.96	12	480	< 0.5	< 2	0.83	2.0	11	19	55	2.52	< 10	< 1	0.08	< 10	0.39	250
8CS0043	201	202	5	0.6	1.11	6	420	< 0.5	< 2	0.82	0.5	14	20	61	2.37	< 10	< 1	0.07	< 10	0.39	430
8CS0044	201	202	< 5	1.0	1.06	8	460	< 0.5	< 2	0.45	1.0	6	23	51	1.87	< 10	< 1	0.07	10	0.32	115
8CS0045	201	202	< 5	0.6	1.55	10	600	< 0.5	< 2	0.61	1.5	8	29	44	2.62	< 10	< 1	0.11	10	0.36	410
8CS0046	201	202	< 5	0.6	1.19	8	460	< 0.5	< 2	0.56	2.5	15	25	72	3.31	< 10	< 1	0.10	10	0.38	400
8CS0047	201	202	< 5	0.8	0.80	10	500	< 0.5	< 2	0.82	2.0	7	21	56	2.13	< 10	< 1	0.12	< 10	0.27	235
8CS0048	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
8CS0049	201	202	< 5	0.2	0.91	12	650	< 0.5	< 2	0.34	1.5	9	19	83	2.76	< 10	< 1	0.13	10	0.20	225
8CS0050	201	202	10	0.6	1.02	10	370	< 0.5	< 2	0.39	1.5	6	23	42	2.47	< 10	< 1	0.09	10	0.30	185
9CS0001	201	202	< 5	0.2	1.57	6	210	< 0.5	< 2	0.15	< 0.5	5	24	18	2.26	< 10	< 1	0.06	10	0.35	145
9CS0002	201	202	< 5	0.2	1.64	6	280	< 0.5	< 2	0.21	< 0.5	5	26	18	2.18	< 10	< 1	0.07	10	0.38	120
9CS0003	201	202	< 5	0.2	1.84	8	500	0.5	< 2	0.37	< 0.5	21	24	23	2.66	< 10	< 1	0.07	10	0.37	2110
9CS0004	201	202	< 5	0.4	1.37	< 2	480	< 0.5	< 2	1.13	< 0.5	8	18	29	1.70	< 10	< 1	0.09	10	0.34	605
9CS0005	201	202	< 5	0.4	1.51	4	410	0.5	< 2	0.46	< 0.5	10	20	41	2.49	< 10	< 1	0.10	10	0.28	430
9CS0006	201	202	not/ss	< 0.2	1.06	12	490	0.5	< 2	0.50	< 0.5	15	18	40	3.11	< 10	< 1	0.10	< 10	0.22	1280
9CS0007	201	202	not/ss	< 0.2	0.62	6	260	< 0.5	< 2	0.44	< 0.5	8	10	25	1.87	< 10	< 1	0.05	< 10	0.15	690
9CS0008	201	202	< 5	0.2	1.30	8	460	0.5	< 2	1.02	< 0.5	15	21	48	2.93	< 10	< 1	0.07	10	0.37	995
9CS0009	201	202	40	0.2	1.02	6	420	< 0.5	< 2	1.11	0.5	11	19	51	2.39	< 10	< 1	0.06	< 10	0.33	815
9CS0010	201	202	not/ss	0.2	1.07	8	530	0.5	< 2	0.83	0.5	16	19	67	3.84	< 10	< 1	0.09	10	0.30	940
9CS0011	201	202	not/ss	0.2	2.11	10	780	0.5	< 2	0.51	< 0.5	20	40	64	5.42	< 10	< 1	0.14	10	0.81	945
9CS0012	201	202	not/ss	0.2	1.53	8	1080	0.5	< 2	0.75	0.5	16	31	82	4.47	< 10	< 1	0.15	10	0.47	965
9CS0013	201	202	not/ss	0.2	1.78	12	1000	0.5	< 2	0.97	1.0	19	40	77	4.49	< 10	< 1	0.17	10	0.70	1170
9CS0014	201	202	not/ss	< 0.2	2.23	12	730	0.5	< 2	0.72	0.5	19	50	64	4.87	< 10	< 1	0.16	10	0.95	810
9CS0015	201	202	not/ss	0.2	2.11	10	770	0.5	< 2	0.87	0.5	17	49	57	4.12	< 10	< 1	0.14	10	0.89	555
9CS0016	201	202	not/ss	0.2	2.07	10	660	0.5	< 2	0.91	0.5	17	50	55	4.10	< 10	< 1	0.13	10	0.94	455
9CS0017	201	202	not/ss	< 0.2	2.52	16	930	0.5	< 2	0.81	1.0	21	58	65	5.02	10	< 1	0.18	10	1.12	680
9CS0018	201	202	not/ss	< 0.2	1.81	10	690	0.5	< 2	0.94	0.5	16	37	67	4.00	< 10	< 1	0.13	10	0.77	935
9CS0019	201	202	not/ss	< 0.2	2.00	10	690	0.5	< 2	0.82	0.5	20	44	76	5.07	< 10	< 1	0.16	10	0.89	915
9CS0020	201	202	< 5	0.2	1.88	12	660	0.5	< 2	0.85	0.5	19	41	74	4.62	< 10	< 1	0.12	10	0.81	730
9CS0021	201	202	not/ss	0.2	1.61	8	580	0.5	< 2	0.93	0.5	17	36	72	4.18	< 10	< 1	0.09	10	0.75	655

CERTIFICATION:_____

Chemex Labs Ltd.

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 13-SEP-97
Invoice No. :19740940
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9740940

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
8CS0032	201	202	6	< 0.01	63	1580	16	< 2	6	130	< 0.01	< 10	< 10	132	< 10	218
8CS0033	201	202	5	< 0.01	38	1290	14	< 2	3	125	0.02	< 10	< 10	118	< 10	158
8CS0034	201	202	9	< 0.01	43	1470	10	< 2	3	47	0.02	< 10	< 10	81	< 10	420
8CS0035	201	202	7	< 0.01	73	1450	12	2	6	101	< 0.01	< 10	< 10	97	< 10	242
8CS0036	201	202	11	< 0.01	43	1390	10	2	4	118	0.01	< 10	< 10	127	< 10	210
8CS0037	201	202	3	< 0.01	25	730	6	< 2	3	33	0.03	< 10	< 10	53	< 10	140
8CS0038	201	202	4	< 0.01	34	390	10	< 2	3	18	0.05	< 10	< 10	64	< 10	264
8CS0039	201	202	9	< 0.01	210	430	8	< 2	6	43	0.03	< 10	< 10	48	< 10	914
8CS0040	201	202	1	< 0.01	47	890	6	< 2	4	60	0.04	< 10	< 10	118	< 10	218
8CS0041	201	202	< 1	< 0.01	17	830	6	< 2	1	51	0.02	< 10	< 10	113	< 10	112
8CS0042	201	202	3	< 0.01	70	910	8	< 2	3	70	0.02	< 10	< 10	62	< 10	300
8CS0043	201	202	3	< 0.01	39	780	8	< 2	4	88	0.02	< 10	< 10	60	< 10	214
8CS0044	201	202	3	< 0.01	32	1030	8	< 2	3	60	0.02	< 10	< 10	91	< 10	202
8CS0045	201	202	3	< 0.01	42	730	8	< 2	3	62	0.03	< 10	< 10	76	< 10	196
8CS0046	201	202	3	< 0.01	68	1120	6	< 2	5	61	0.03	< 10	< 10	92	< 10	334
8CS0047	201	202	4	< 0.01	44	1140	10	< 2	3	78	0.01	< 10	< 10	98	< 10	242
8CS0048	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
8CS0049	201	202	3	< 0.01	41	490	8	< 2	4	45	0.03	< 10	< 10	46	< 10	216
8CS0050	201	202	4	< 0.01	27	1080	8	< 2	3	54	0.03	< 10	< 10	99	< 10	158
9CS0001	201	202	1	< 0.01	16	650	8	< 2	1	16	0.02	< 10	< 10	43	< 10	56
9CS0002	201	202	1	< 0.01	17	710	8	< 2	1	20	0.02	< 10	< 10	44	< 10	56
9CS0003	201	202	1	< 0.01	22	900	10	< 2	2	27	0.02	< 10	< 10	43	< 10	74
9CS0004	201	202	1	< 0.01	22	1330	4	< 2	3	56	< 0.01	< 10	< 10	22	< 10	78
9CS0005	201	202	1	< 0.01	28	960	10	< 2	3	34	0.01	< 10	< 10	32	< 10	74
9CS0006	201	202	2	< 0.01	35	1010	14	< 2	3	40	< 0.01	< 10	< 10	27	< 10	98
9CS0007	201	202	1	< 0.01	24	720	8	< 2	1	33	< 0.01	< 10	< 10	16	< 10	50
9CS0008	201	202	1	< 0.01	34	1200	10	< 2	4	60	< 0.01	< 10	< 10	34	< 10	102
9CS0009	201	202	1	< 0.01	30	1240	8	< 2	4	61	< 0.01	< 10	< 10	26	< 10	96
9CS0010	201	202	2	< 0.01	42	1470	10	< 2	5	58	< 0.01	< 10	< 10	35	< 10	156
9CS0011	201	202	4	< 0.01	46	1450	12	< 2	7	47	< 0.01	< 10	< 10	78	< 10	158
9CS0012	201	202	4	< 0.01	45	1700	12	< 2	6	62	< 0.01	< 10	< 10	66	< 10	182
9CS0013	201	202	5	0.01	50	1780	12	2	7	77	< 0.01	< 10	< 10	73	< 10	168
9CS0014	201	202	2	0.01	49	1560	8	< 2	7	57	0.01	< 10	< 10	88	< 10	164
9CS0015	201	202	2	< 0.01	49	1510	8	< 2	7	73	0.01	< 10	< 10	83	< 10	160
9CS0016	201	202	1	0.01	55	1390	6	< 2	7	74	0.01	< 10	< 10	86	< 10	176
9CS0017	201	202	2	0.01	61	1610	8	2	8	72	0.01	< 10	< 10	109	< 10	208
9CS0018	201	202	2	< 0.01	44	1500	6	< 2	6	73	0.01	< 10	< 10	71	< 10	150
9CS0019	201	202	3	< 0.01	53	1620	10	< 2	6	72	< 0.01	< 10	< 10	83	< 10	186
9CS0020	201	202	3	< 0.01	53	1610	10	< 2	6	74	< 0.01	< 10	< 10	73	< 10	186
9CS0021	201	202	2	< 0.01	51	1580	8	< 2	6	72	< 0.01	< 10	< 10	62	< 10	172

CERTIFICATION: _____

Chemex Labs Ltd.

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 13-SEP-97
Invoice No. : I9740940
P.O. Number :
Account : PHY

CERTIFICATE OF ANALYSIS A9740940

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
9CS0022	201	202	not/ss	0.2	1.84	12	750	0.5	< 2	0.83	0.5	18	39	73	4.34	< 10	< 1	0.13	10	0.75	660
9CS0023	201	202	not/ss	0.2	2.04	6	1490	0.5	< 2	1.14	0.5	21	55	106	4.64	< 10	1	0.16	10	0.94	735
9CS0024	201	202	< 5	0.2	2.00	10	1270	0.5	< 2	0.90	0.5	21	55	82	4.59	< 10	< 1	0.14	10	0.97	635
9CS0025	201	202	< 5	0.2	1.95	6	1350	0.5	< 2	1.06	0.5	22	52	90	4.32	< 10	< 1	0.13	10	0.87	670
9CS0026	201	202	not/ss	0.2	1.86	10	880	0.5	< 2	0.85	0.5	20	42	76	4.65	< 10	< 1	0.13	10	0.83	650
9CS0027	201	202	not/ss	0.2	1.78	8	1060	0.5	< 2	0.87	0.5	19	44	75	4.28	< 10	< 1	0.12	10	0.82	640
9CS0028	201	202	not/ss	0.2	1.71	12	790	0.5	< 2	0.87	1.0	23	43	76	4.89	< 10	< 1	0.13	10	0.77	730
9CS0029	201	202	not/ss	0.2	1.69	10	800	0.5	< 2	0.85	1.0	21	44	80	4.89	< 10	< 1	0.13	10	0.76	685
9CS0030	201	202	not/ss	0.2	1.97	12	860	0.5	< 2	0.82	1.0	24	51	86	5.43	< 10	< 1	0.17	10	0.87	750
9CS0031	201	202	not/ss	0.2	1.95	8	860	0.5	< 2	0.88	1.5	25	49	79	4.87	< 10	1	0.14	10	0.83	790
9CS0032	201	202	not/ss	0.2	1.63	8	720	0.5	< 2	0.93	1.0	18	36	66	3.75	< 10	< 1	0.10	10	0.70	615
9CS0033	201	202	not/ss	0.2	1.83	10	900	0.5	< 2	0.75	1.0	24	45	68	4.60	< 10	< 1	0.11	10	0.83	800
9CS0034	201	202	not/ss	0.2	2.15	6	1040	0.5	< 2	0.90	1.5	26	52	80	5.19	< 10	< 1	0.16	10	0.91	995
9CS0035	201	202	not/ss	0.2	1.89	8	960	0.5	< 2	0.75	1.0	22	46	67	4.47	< 10	1	0.13	10	0.82	710
9CS0036	201	202	not/ss	0.2	2.09	16	1130	0.5	< 2	0.80	1.5	27	58	79	5.58	< 10	< 1	0.13	10	1.03	1010
9CS0037	201	202	not/ss	< 0.2	2.22	10	980	0.5	< 2	0.79	1.0	27	73	86	6.04	< 10	1	0.13	10	1.14	810
9CS0038	201	202	not/ss	0.2	1.94	10	950	0.5	< 2	0.79	1.0	24	53	77	4.92	< 10	< 1	0.12	10	0.91	745
9CS0039	201	202	not/ss	0.2	1.81	8	900	0.5	< 2	1.16	1.5	22	46	73	4.28	< 10	< 1	0.11	10	0.85	730
9CS0040	201	202	not/ss	0.2	2.20	12	1150	0.5	< 2	0.81	1.5	28	58	81	5.35	< 10	< 1	0.14	10	1.03	950
9CS0041	201	202	not/ss	0.2	2.08	16	1130	0.5	< 2	0.92	1.5	27	53	78	5.05	< 10	< 1	0.16	10	0.94	890
9CS0042	201	202	not/ss	< 0.2	2.14	8	1030	0.5	< 2	0.82	1.5	25	57	74	5.11	< 10	< 1	0.15	10	1.04	760
9CS0043	201	202	not/ss	0.2	1.70	12	1020	0.5	< 2	0.93	2.0	35	44	101	5.35	< 10	< 1	0.19	10	0.71	1310
9CS0044	201	202	not/ss	2.6	0.65	14	910	0.5	< 2	1.23	2.5	6	25	109	1.87	< 10	< 1	0.12	10	0.20	325
9CS0045	201	202	not/ss	1.8	0.68	12	510	0.5	< 2	1.39	5.0	6	25	125	2.01	< 10	< 1	0.11	< 10	0.18	395
9CS0046	201	202	not/ss	3.6	0.99	58	490	1.5	< 2	1.40	11.0	12	45	211	4.44	< 10	< 1	0.18	10	0.22	515
9CS0047	201	202	not/ss	1.2	0.65	20	340	0.5	< 2	1.10	5.5	13	17	96	2.97	< 10	< 1	0.13	< 10	0.28	545
9CS0048	201	202	not/ss	1.6	0.67	18	410	0.5	< 2	1.28	5.5	12	23	114	2.83	< 10	< 1	0.16	10	0.29	560
9CS0049	201	202	not/ss	1.0	0.75	18	460	0.5	< 2	0.95	4.0	14	26	84	2.60	< 10	< 1	0.14	10	0.29	655
9CS0051	201	202	< 5	1.2	0.84	22	460	0.5	< 2	1.06	4.0	13	30	102	2.95	< 10	< 1	0.18	10	0.29	555
9CS0052	201	202	not/ss	2.4	0.76	36	370	1.0	< 2	1.49	7.0	9	56	124	3.34	< 10	< 1	0.25	10	0.42	435
9CS0053	201	202	< 5	1.0	0.64	40	440	0.5	< 2	2.60	10.0	10	27	116	2.24	< 10	< 1	0.15	10	1.24	380
9CS0054	201	202	< 5	2.0	0.61	22	390	0.5	< 2	2.03	8.0	10	25	99	2.32	< 10	< 1	0.13	< 10	0.84	450
9CS0055	201	202	< 5	1.2	0.55	22	390	0.5	< 2	2.00	7.5	10	23	97	2.36	< 10	< 1	0.13	< 10	0.91	435
9CS0056	201	202	not/ss	1.4	0.56	24	350	0.5	< 2	1.80	7.0	11	23	106	2.56	< 10	< 1	0.14	< 10	0.70	475
9CS0058	201	202	not/ss	2.0	0.81	26	360	0.5	< 2	1.99	9.5	11	25	129	2.75	< 10	< 1	0.13	< 10	0.83	495
9CS0059	201	202	not/ss	1.8	0.68	32	320	0.5	< 2	1.96	13.0	10	23	125	2.69	< 10	< 1	0.12	< 10	0.83	495
9CS0060	201	202	< 5	1.8	0.70	28	360	0.5	< 2	1.95	13.5	11	26	123	2.79	< 10	< 1	0.14	< 10	0.80	560
9CS0061	201	202	< 5	1.4	0.65	18	430	0.5	< 2	1.53	8.5	11	24	99	2.98	< 10	< 1	0.21	10	0.59	550
9CS0063	201	202	< 5	1.4	0.56	22	380	0.5	< 2	1.67	8.5	11	20	101	3.03	< 10	< 1	0.18	< 10	0.62	655
9CS0064	201	202	< 5	1.2	0.65	22	470	0.5	< 2	1.76	8.5	11	23	105	2.93	< 10	< 1	0.21	10	0.72	540

CERTIFICATION: Ian Hamilton

Chemex Labs Ltd.

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CERTIFICATE OF ANALYSIS A9740940

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
9CS0022	201 202	1	< 0.01	53	1520	10	< 2	6	73	< 0.01	< 10	< 10	74	< 10	186
9CS0023	201 202	1	< 0.01	68	1280	10	< 2	9	80	< 0.01	< 10	< 10	76	< 10	156
9CS0024	201 202	2	< 0.01	69	1430	10	< 2	8	70	< 0.01	< 10	< 10	77	< 10	192
9CS0025	201 202	3	0.01	68	1290	6	< 2	8	65	< 0.01	< 10	< 10	71	< 10	150
9CS0026	201 202	2	< 0.01	58	1530	12	< 2	7	74	< 0.01	< 10	< 10	71	< 10	232
9CS0027	201 202	2	0.01	58	1310	10	< 2	7	71	< 0.01	< 10	< 10	67	< 10	186
9CS0028	201 202	3	0.01	65	1910	10	< 2	7	89	< 0.01	< 10	< 10	71	< 10	222
9CS0029	201 202	3	0.01	62	1530	10	< 2	7	83	< 0.01	< 10	< 10	70	< 10	214
9CS0030	201 202	4	0.01	73	1560	14	2	8	88	< 0.01	< 10	< 10	91	< 10	240
9CS0031	201 202	2	0.01	71	1490	10	< 2	8	81	< 0.01	< 10	< 10	78	< 10	240
9CS0032	201 202	1	0.01	51	1300	8	< 2	7	75	< 0.01	< 10	< 10	59	< 10	176
9CS0033	201 202	2	0.01	61	1350	10	< 2	7	69	< 0.01	< 10	< 10	73	< 10	206
9CS0034	201 202	3	0.01	70	1470	10	< 2	8	80	< 0.01	< 10	< 10	90	< 10	228
9CS0035	201 202	2	0.01	61	1360	8	< 2	7	70	< 0.01	< 10	< 10	78	< 10	198
9CS0036	201 202	3	0.01	79	1610	8	< 2	8	79	< 0.01	< 10	< 10	97	< 10	216
9CS0037	201 202	3	0.01	81	1740	12	< 2	8	74	< 0.01	< 10	< 10	107	< 10	218
9CS0038	201 202	3	0.01	71	1440	8	< 2	8	70	< 0.01	< 10	< 10	86	< 10	208
9CS0039	201 202	2	0.01	66	1370	8	< 2	8	86	< 0.01	< 10	< 10	80	< 10	202
9CS0040	201 202	4	0.01	85	1490	12	< 2	8	76	< 0.01	< 10	< 10	101	< 10	260
9CS0041	201 202	3	0.01	77	1530	10	< 2	8	81	< 0.01	< 10	< 10	100	< 10	258
9CS0042	201 202	3	0.01	73	1460	10	< 2	8	72	< 0.01	< 10	< 10	102	< 10	240
9CS0043	201 202	5	0.01	99	1650	12	2	8	91	< 0.01	< 10	< 10	111	< 10	382
9CS0044	201 202	7	< 0.01	62	2240	12	2	4	125	< 0.01	< 10	< 10	137	< 10	294
9CS0045	201 202	7	< 0.01	60	1490	10	2	3	121	< 0.01	< 10	< 10	136	< 10	226
9CS0046	201 202	23	< 0.01	146	4320	16	8	8	197	< 0.01	< 10	10	326	< 10	776
9CS0047	201 202	13	< 0.01	94	1650	12	2	4	98	< 0.01	< 10	< 10	122	< 10	538
9CS0048	201 202	12	< 0.01	97	1890	12	2	4	112	< 0.01	< 10	< 10	154	< 10	538
9CS0049	201 202	9	< 0.01	81	1670	12	2	4	86	0.01	< 10	< 10	169	< 10	496
9CS0051	201 202	11	< 0.01	89	1970	12	2	5	107	< 0.01	< 10	< 10	199	< 10	478
9CS0052	201 202	20	< 0.01	104	3950	14	4	5	185	< 0.01	< 10	10	451	< 10	642
9CS0053	201 202	43	< 0.01	129	1330	12	10	4	134	< 0.01	< 10	10	469	< 10	996
9CS0054	201 202	22	< 0.01	113	1630	14	2	4	139	< 0.01	< 10	< 10	261	< 10	778
9CS0055	201 202	27	< 0.01	107	1530	12	4	4	136	< 0.01	< 10	< 10	287	< 10	750
9CS0056	201 202	24	< 0.01	107	1830	10	4	4	133	< 0.01	< 10	10	259	< 10	654
9CS0058	201 202	30	< 0.01	129	2100	14	6	4	162	< 0.01	< 10	10	296	< 10	914
9CS0059	201 202	29	< 0.01	131	1960	14	4	4	155	< 0.01	< 10	10	288	< 10	1190
9CS0060	201 202	29	< 0.01	131	1950	12	6	4	150	< 0.01	< 10	10	309	< 10	1195
9CS0061	201 202	18	< 0.01	96	1920	14	2	4	156	< 0.01	< 10	< 10	219	< 10	654
9CS0063	201 202	17	< 0.01	98	2070	16	2	4	160	< 0.01	< 10	< 10	193	< 10	626
9CS0064	201 202	19	< 0.01	99	2100	16	4	4	164	< 0.01	< 10	< 10	228	< 10	724

CERTIFICATION:

Chemex Labs Ltd.

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 13-SEP-97
Invoice No. :19740940
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9740940

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
9CS0065	201	202	< 5	1.2	0.68	26	440	0.5	< 2	1.58	7.0	13	27	102	3.30	< 10	< 1	0.19	10	0.67	690
9CS0066	201	202	10	0.8	0.52	18	390	0.5	< 2	0.75	4.0	7	19	70	2.10	< 10	< 1	0.15	< 10	0.30	315
9CS0067	201	202	< 5	0.6	0.40	14	360	0.5	< 2	0.35	3.0	4	18	66	1.59	< 10	< 1	0.14	< 10	0.13	115
9CS0068	201	202	< 5	0.2	0.72	10	290	< 0.5	< 2	1.34	3.0	9	18	44	2.04	< 10	< 1	0.08	< 10	0.61	370
9CS0069	201	202	< 5	0.2	0.52	12	240	< 0.5	< 2	0.89	2.0	6	16	47	1.69	< 10	< 1	0.10	< 10	0.39	220
9CS0070	201	202	< 5	1.0	0.57	18	310	0.5	< 2	1.42	6.5	11	20	88	2.71	< 10	< 1	0.12	< 10	0.54	560
9CS0071	201	202	< 5	0.4	0.47	16	300	0.5	< 2	0.72	3.5	6	17	64	1.81	< 10	< 1	0.11	< 10	0.28	215
9CS0072	201	202	5	0.4	0.50	16	310	0.5	< 2	0.81	3.0	7	18	58	1.91	< 10	< 1	0.11	< 10	0.35	255
9CS0073	201	202	< 5	0.6	0.52	18	330	0.5	< 2	0.94	4.5	8	19	74	2.24	< 10	< 1	0.12	< 10	0.39	370
9CS0074	201	202	< 5	0.6	0.57	22	410	0.5	< 2	0.76	4.5	8	22	78	2.35	< 10	< 1	0.16	< 10	0.31	370
9CS0075	201	202	< 5	0.8	0.59	26	350	0.5	< 2	0.88	5.5	10	22	88	2.61	< 10	< 1	0.14	< 10	0.35	460
9CS0076	201	202	5	0.8	0.67	24	410	0.5	< 2	1.01	6.0	10	26	87	2.89	< 10	< 1	0.15	< 10	0.39	630
9CS0077	201	202	< 5	0.8	0.64	20	390	0.5	< 2	1.15	5.0	8	22	80	2.31	< 10	< 1	0.14	< 10	0.44	395
C11S00001	201	202	< 5	< 0.2	0.85	8	330	< 0.5	< 2	0.40	1.0	7	20	25	2.10	< 10	< 1	0.06	10	0.40	220
12CS0001	201	202	< 5	< 0.2	1.45	< 2	3040	< 0.5	< 2	1.01	2.0	13	21	22	2.39	< 10	< 1	0.08	20	0.34	1535
12CS0002	201	202	10	1.2	1.73	8	3190	0.5	< 2	0.85	0.5	14	28	33	3.14	< 10	< 1	0.11	10	0.34	730
12CS0003	201	202	< 5	0.8	1.56	6	2320	< 0.5	< 2	0.90	0.5	16	25	44	2.89	< 10	< 1	0.12	10	0.29	925
12CS0004	201	202	< 5	0.8	1.66	8	1670	0.5	< 2	0.61	0.5	41	27	46	3.88	< 10	< 1	0.13	10	0.24	2110
12CS0005	201	202	< 5	0.2	1.64	8	1400	0.5	< 2	0.90	1.5	18	27	58	3.63	< 10	< 1	0.16	10	0.32	860
12CS0006	201	202	< 5	0.6	1.56	8	1270	0.5	< 2	0.67	< 0.5	13	29	39	3.46	< 10	< 1	0.13	10	0.34	455
12CS0007	201	202	< 5	0.4	1.04	4	880	< 0.5	< 2	1.08	1.0	9	17	39	2.02	< 10	< 1	0.07	< 10	0.28	235
12CS0008	201	202	< 5	0.2	0.67	4	1200	< 0.5	< 2	1.91	2.0	7	12	44	1.59	< 10	< 1	0.06	< 10	0.32	405
12CS0009	201	202	< 5	< 0.2	1.03	10	730	0.5	< 2	1.00	1.5	11	17	46	2.60	< 10	< 1	0.15	< 10	0.29	425
12CS0010	201	202	< 5	< 0.2	0.80	6	560	< 0.5	< 2	1.19	1.5	8	14	41	1.92	< 10	< 1	0.10	< 10	0.30	345
12CS0011	201	202	< 5	0.6	0.67	12	450	0.5	< 2	1.14	2.0	8	15	72	1.46	< 10	< 1	0.09	< 10	0.26	365
12CS0012	201	202	< 5	< 0.2	0.67	2	570	0.5	< 2	1.17	2.0	9	12	43	2.02	< 10	< 1	0.10	< 10	0.24	335
12CS0013	201	202	< 5	0.2	0.69	12	490	0.5	< 2	0.87	13.0	11	14	49	2.75	< 10	< 1	0.10	< 10	0.21	470
12CS0014	201	202	< 5	0.2	0.71	14	520	0.5	< 2	0.58	12.5	11	13	48	3.23	< 10	< 1	0.13	< 10	0.16	415
12CS0015	201	202	< 5	0.6	0.90	20	530	0.5	< 2	0.84	14.5	13	19	65	3.42	< 10	< 1	0.13	< 10	0.27	470
12CS0016	201	202	< 5	0.4	1.02	6	470	0.5	< 2	1.08	14.5	8	18	52	2.27	< 10	< 1	0.12	< 10	0.33	195
12CS0017	201	202	< 5	0.8	1.14	18	790	0.5	< 2	0.98	9.0	11	24	57	3.01	< 10	< 1	0.13	10	0.35	420
12CS0018	201	202	< 5	0.6	0.88	8	670	0.5	< 2	0.99	21.0	9	19	60	2.39	< 10	< 1	0.13	< 10	0.27	435
12CS0019	201	202	< 5	0.8	1.04	16	720	0.5	< 2	1.02	14.0	12	24	62	3.08	< 10	< 1	0.14	10	0.30	480
12CS0020	201	202	15	0.4	0.99	20	810	0.5	< 2	0.79	7.5	11	22	54	2.91	< 10	< 1	0.13	< 10	0.25	375
12CS0021	201	202	< 5	1.4	0.62	22	620	0.5	< 2	1.12	7.5	8	28	84	2.11	< 10	< 1	0.10	< 10	0.22	300
12CS0022	201	202	< 5	1.4	0.82	18	580	0.5	< 2	1.16	9.0	11	21	78	2.73	< 10	< 1	0.09	< 10	0.29	365
12CS0023	201	202	10	1.4	0.83	10	490	0.5	< 2	1.30	10.5	8	19	68	2.21	< 10	< 1	0.09	< 10	0.33	205
12CS0024	201	202	5	0.6	0.85	20	660	0.5	< 2	0.92	9.0	14	21	77	3.60	< 10	< 1	0.16	10	0.25	475
12CS0025	201	202	< 5	0.8	0.91	12	680	0.5	< 2	0.89	8.0	12	22	61	2.90	< 10	< 1	0.15	10	0.27	400
12CS0026	201	202	< 5	0.6	0.92	14	670	0.5	< 2	0.85	6.5	11	20	55	2.62	< 10	< 1	0.12	< 10	0.24	400

CERTIFICATION:

Chemex Labs Ltd.

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 13-SEP-97
Invoice No. :I9740940
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9740940

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
9CS0065	201	202	20	< 0.01	103	2200	16	4	4	158	< 0.01	< 10	10	225	< 10	686
9CS0066	201	202	10	< 0.01	62	1190	12	< 2	3	169	< 0.01	< 10	< 10	129	< 10	386
9CS0067	201	202	5	< 0.01	44	700	14	< 2	3	219	< 0.01	< 10	< 10	69	< 10	242
9CS0068	201	202	6	< 0.01	56	1450	6	< 2	3	82	0.01	< 10	< 10	91	< 10	374
9CS0069	201	202	4	< 0.01	47	840	10	< 2	3	140	< 0.01	< 10	< 10	60	< 10	254
9CS0070	201	202	15	< 0.01	87	1940	14	2	3	131	< 0.01	< 10	< 10	173	< 10	610
9CS0071	201	202	5	< 0.01	52	870	10	< 2	3	182	< 0.01	< 10	< 10	76	< 10	320
9CS0072	201	202	6	< 0.01	53	1010	12	< 2	3	157	< 0.01	< 10	< 10	82	< 10	338
9CS0073	201	202	12	< 0.01	69	1380	14	2	3	155	< 0.01	< 10	< 10	134	< 10	442
9CS0074	201	202	11	< 0.01	67	1350	14	< 2	4	176	< 0.01	< 10	< 10	141	< 10	442
9CS0075	201	202	14	< 0.01	79	1430	12	2	4	187	< 0.01	< 10	< 10	154	< 10	514
9CS0076	201	202	13	< 0.01	82	1780	12	4	5	160	< 0.01	< 10	< 10	185	< 10	546
9CS0077	201	202	11	< 0.01	74	1440	12	2	4	171	< 0.01	< 10	< 10	150	< 10	488
C11S00001	201	202	2	< 0.01	26	990	6	< 2	3	35	0.03	< 10	< 10	77	< 10	128
12CS0001	201	202	1	< 0.01	26	1310	6	< 2	7	72	< 0.01	< 10	< 10	37	< 10	88
12CS0002	201	202	3	< 0.01	35	1870	10	< 2	7	87	< 0.01	< 10	< 10	62	< 10	86
12CS0003	201	202	3	< 0.01	37	1520	8	< 2	7	76	< 0.01	< 10	< 10	59	< 10	88
12CS0004	201	202	3	< 0.01	33	1800	10	< 2	7	60	< 0.01	< 10	< 10	72	< 10	88
12CS0005	201	202	4	< 0.01	49	1550	8	< 2	6	76	< 0.01	< 10	< 10	66	< 10	168
12CS0006	201	202	4	< 0.01	35	1430	8	< 2	6	65	< 0.01	< 10	< 10	70	< 10	102
12CS0007	201	202	2	< 0.01	37	940	6	< 2	5	75	< 0.01	< 10	< 10	50	< 10	124
12CS0008	201	202	4	< 0.01	32	690	4	< 2	4	114	< 0.01	< 10	< 10	45	< 10	122
12CS0009	201	202	8	< 0.01	39	760	10	< 2	4	74	< 0.01	< 10	< 10	92	< 10	188
12CS0010	201	202	6	< 0.01	34	670	6	< 2	4	71	< 0.01	< 10	< 10	57	< 10	148
12CS0011	201	202	14	< 0.01	41	680	6	6	3	63	< 0.01	< 10	< 10	182	< 10	214
12CS0012	201	202	4	< 0.01	36	750	6	< 2	4	86	< 0.01	< 10	< 10	43	< 10	146
12CS0013	201	202	7	< 0.01	85	980	10	< 2	4	80	< 0.01	< 10	< 10	147	< 10	832
12CS0014	201	202	8	< 0.01	82	1300	10	< 2	4	89	< 0.01	< 10	< 10	158	< 10	1045
12CS0015	201	202	11	< 0.01	117	1500	12	< 2	5	97	< 0.01	< 10	< 10	223	< 10	1335
12CS0016	201	202	5	< 0.01	119	1280	8	< 2	4	90	0.01	< 10	< 10	167	< 10	1210
12CS0017	201	202	8	< 0.01	77	1550	8	< 2	5	108	0.01	< 10	< 10	257	< 10	718
12CS0018	201	202	8	< 0.01	136	1310	8	2	4	100	< 0.01	< 10	< 10	206	< 10	1755
12CS0019	201	202	8	< 0.01	100	1750	12	< 2	4	117	0.01	< 10	< 10	263	< 10	1190
12CS0020	201	202	9	< 0.01	75	1630	12	2	4	111	< 0.01	< 10	< 10	276	< 10	796
12CS0021	201	202	16	< 0.01	92	1830	12	2	3	116	< 0.01	< 10	< 10	275	< 10	594
12CS0022	201	202	9	< 0.01	102	1660	10	2	4	110	< 0.01	< 10	< 10	239	< 10	914
12CS0023	201	202	7	< 0.01	111	1580	6	2	4	105	< 0.01	< 10	< 10	165	< 10	1055
12CS0024	201	202	14	< 0.01	99	2050	12	2	5	109	< 0.01	< 10	< 10	229	< 10	1055
12CS0025	201	202	8	< 0.01	87	1730	10	2	5	98	0.01	< 10	< 10	180	< 10	932
12CS0026	201	202	8	< 0.01	75	1670	10	< 2	4	103	< 0.01	< 10	< 10	222	< 10	732

CERTIFICATION:

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Analytical Chemists * Geochemists * Registered Assayers

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To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 13-SEP-97
Invoice No. : I9740940
P.O. Number :
Account : PHY

CERTIFICATE OF ANALYSIS A9740940

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
12CS0027	201	202	< 5	0.6	1.13	12	820	0.5	< 2	0.78	6.0	10	25	48	2.55	< 10	< 1	0.15	10	0.28	345
12CS0028	201	202	< 5	0.2	1.17	12	770	0.5	< 2	0.76	4.0	13	24	51	3.01	< 10	< 1	0.15	10	0.39	445
12CS0029	201	202	< 5	0.2	1.09	12	720	0.5	< 2	0.69	4.0	11	23	49	2.85	< 10	< 1	0.13	10	0.35	340
12CS0030	201	202	< 5	0.2	1.04	10	660	0.5	< 2	0.67	4.0	12	21	49	2.97	< 10	< 1	0.12	10	0.33	365
12CS0031	201	202	< 5	0.8	1.16	8	1050	< 0.5	< 2	0.43	3.0	24	24	37	2.29	< 10	< 1	0.11	10	0.29	1220
12CS0032	201	202	5	0.8	1.00	6	950	< 0.5	< 2	0.71	4.5	8	21	44	1.59	< 10	< 1	0.08	< 10	0.30	370
12CS0033	201	202	< 5	0.6	0.97	6	900	< 0.5	< 2	0.75	4.0	9	20	43	1.62	< 10	< 1	0.08	10	0.31	430
12CS0035	201	202	< 5	0.2	1.09	6	580	< 0.5	< 2	0.80	1.5	9	22	36	2.25	< 10	< 1	0.09	10	0.52	325
12CS0036	201	202	< 5	0.2	1.23	10	1010	0.5	< 2	0.73	2.0	13	24	46	2.81	< 10	< 1	0.12	10	0.43	455
12CS0037	201	202	< 5	0.2	1.08	6	610	< 0.5	< 2	0.81	1.5	10	22	40	2.30	< 10	< 1	0.11	10	0.49	310
12CS0038	201	202	< 5	< 0.2	1.05	2	540	< 0.5	< 2	0.94	1.5	8	23	34	2.14	< 10	< 1	0.09	10	0.60	275
12CS0039	201	202	< 5	0.2	1.42	4	960	< 0.5	< 2	1.26	1.5	10	25	42	1.89	< 10	< 1	0.10	10	0.49	495
12CS0040	201	202	< 5	< 0.2	1.36	6	950	< 0.5	< 2	1.02	0.5	12	24	34	2.24	< 10	< 1	0.09	10	0.47	510
12CS0041	201	202	< 5	< 0.2	1.67	8	1090	0.5	< 2	0.50	0.5	16	28	44	3.64	< 10	< 1	0.16	10	0.48	475
12CS0042	201	202	< 5	< 0.2	1.27	2	700	< 0.5	< 2	0.25	< 0.5	17	19	35	2.74	< 10	< 1	0.11	< 10	0.44	670
12CS0043	201	202	< 5	0.4	0.69	12	670	0.5	< 2	0.57	2.0	10	13	56	2.41	< 10	< 1	0.11	< 10	0.17	650
12CS0044	201	202	10	1.0	0.89	10	840	0.5	< 2	0.79	2.5	7	17	67	1.97	< 10	< 1	0.08	< 10	0.25	595
12CS0046	201	202	< 5	0.8	0.85	12	710	0.5	< 2	0.64	2.5	8	20	66	2.12	< 10	< 1	0.13	< 10	0.25	505
12CS0047	201	202	< 5	0.2	0.98	12	670	0.5	< 2	0.50	1.5	9	22	61	2.18	< 10	< 1	0.13	< 10	0.28	470
12CS0048	201	202	10	0.2	0.92	8	690	0.5	< 2	0.59	1.5	8	19	51	1.97	< 10	< 1	0.13	< 10	0.29	480
12CS0049	201	202	< 5	0.2	0.90	10	630	0.5	< 2	0.57	1.5	11	18	50	2.11	< 10	< 1	0.11	< 10	0.31	605
12CS0050	201	202	< 5	0.4	0.82	12	640	0.5	< 2	0.43	1.5	9	18	54	2.25	< 10	< 1	0.12	< 10	0.23	510
12CS0051	201	202	15	0.4	0.87	8	590	< 0.5	< 2	0.53	1.5	9	18	50	2.24	< 10	< 1	0.11	< 10	0.32	470
12CS0052	201	202	< 5	0.6	0.86	14	680	0.5	< 2	0.57	2.0	13	19	65	2.75	< 10	< 1	0.13	< 10	0.24	850
12CS0053	201	202	< 5	0.4	0.83	14	480	0.5	< 2	0.65	1.5	14	17	55	2.70	< 10	< 1	0.12	< 10	0.26	850
12CS0055	201	202	5	0.4	0.93	12	500	0.5	< 2	0.89	1.5	9	20	55	2.25	< 10	< 1	0.12	< 10	0.30	450
12CS0056	201	202	10	0.2	0.88	12	420	< 0.5	< 2	0.72	0.5	10	19	52	2.48	< 10	< 1	0.12	< 10	0.40	605
12CS0057	201	202	5	0.2	0.87	6	390	< 0.5	< 2	0.63	0.5	6	18	43	1.85	< 10	< 1	0.09	< 10	0.30	220
12CS0058	201	202	< 5	0.2	0.97	8	400	< 0.5	< 2	0.81	1.0	7	20	48	2.07	< 10	< 1	0.10	< 10	0.35	380
12CS0059	201	202	< 5	< 0.2	0.88	6	410	< 0.5	< 2	0.59	< 0.5	6	19	33	1.53	< 10	< 1	0.10	10	0.28	315
12CS0060	201	202	5	0.2	1.08	4	450	< 0.5	< 2	0.70	0.5	6	24	42	1.84	< 10	< 1	0.12	10	0.38	145
13CS0001	201	202	< 5	< 0.2	1.03	10	400	< 0.5	< 2	0.49	1.0	7	24	24	2.21	< 10	< 1	0.08	10	0.43	230

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 13-SEP-97
Invoice No. : I9740940
P.O. Number :
Account : PHY

CERTIFICATE OF ANALYSIS A9740940

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
12CS0027	201	202	7	< 0.01	69	1520	10	< 2	4	98	0.01	< 10	< 10	239	< 10	746
12CS0028	201	202	6	< 0.01	60	1360	10	2	4	81	0.01	< 10	< 10	174	< 10	514
12CS0029	201	202	6	< 0.01	61	1390	10	2	4	81	0.01	< 10	< 10	156	< 10	554
12CS0030	201	202	6	< 0.01	63	1390	12	< 2	4	80	< 0.01	< 10	< 10	153	< 10	560
12CS0031	201	202	6	< 0.01	29	1280	8	< 2	3	55	0.01	< 10	< 10	167	< 10	156
12CS0032	201	202	3	< 0.01	37	1050	10	< 2	3	60	0.01	< 10	< 10	119	< 10	180
12CS0033	201	202	4	< 0.01	37	980	6	2	3	61	0.01	< 10	< 10	132	< 10	194
12CS0035	201	202	2	< 0.01	33	900	6	< 2	4	54	0.03	< 10	< 10	70	< 10	170
12CS0036	201	202	4	< 0.01	42	1200	10	< 2	4	69	0.01	< 10	< 10	101	< 10	216
12CS0037	201	202	3	< 0.01	33	920	8	< 2	4	57	0.03	< 10	< 10	75	< 10	172
12CS0038	201	202	1	< 0.01	29	950	6	< 2	4	58	0.04	< 10	< 10	73	< 10	140
12CS0039	201	202	1	< 0.01	34	840	6	< 2	5	75	0.01	< 10	< 10	64	< 10	166
12CS0040	201	202	1	< 0.01	34	790	6	< 2	4	65	0.01	< 10	< 10	45	< 10	132
12CS0041	201	202	2	< 0.01	39	960	12	< 2	4	45	< 0.01	< 10	< 10	62	< 10	156
12CS0042	201	202	1	< 0.01	21	830	12	< 2	3	27	< 0.01	< 10	< 10	38	< 10	100
12CS0043	201	202	8	< 0.01	30	1550	12	2	3	84	< 0.01	< 10	< 10	82	< 10	172
12CS0044	201	202	5	< 0.01	33	1220	18	< 2	3	92	< 0.01	< 10	< 10	81	< 10	158
12CS0046	201	202	4	< 0.01	36	1240	12	< 2	3	99	< 0.01	< 10	< 10	98	< 10	150
12CS0047	201	202	5	< 0.01	30	870	12	< 2	4	71	0.01	< 10	< 10	80	< 10	146
12CS0048	201	202	4	< 0.01	28	910	8	< 2	3	73	0.01	< 10	< 10	66	< 10	136
12CS0049	201	202	3	< 0.01	30	950	8	< 2	3	72	0.01	< 10	< 10	61	< 10	148
12CS0050	201	202	5	< 0.01	31	990	12	< 2	3	76	0.01	< 10	< 10	72	< 10	124
12CS0051	201	202	3	< 0.01	32	990	8	< 2	3	74	0.01	< 10	< 10	60	< 10	144
12CS0052	201	202	6	< 0.01	40	1240	12	< 2	3	95	0.01	< 10	< 10	78	< 10	176
12CS0053	201	202	5	< 0.01	43	1090	12	< 2	3	84	0.01	< 10	< 10	69	< 10	166
12CS0055	201	202	4	< 0.01	34	990	8	< 2	3	84	0.01	< 10	< 10	72	< 10	150
12CS0056	201	202	4	< 0.01	35	1130	12	< 2	3	77	0.02	< 10	< 10	56	< 10	150
12CS0057	201	202	2	< 0.01	30	830	10	< 2	3	63	0.02	< 10	< 10	58	< 10	120
12CS0058	201	202	2	< 0.01	33	860	10	< 2	3	70	0.02	< 10	< 10	60	< 10	134
12CS0059	201	202	1	< 0.01	24	770	6	< 2	3	56	0.03	< 10	< 10	58	< 10	92
12CS0060	201	202	1	< 0.01	28	840	8	< 2	4	64	0.03	< 10	< 10	72	< 10	118
13CS0001	201	202	1	0.01	26	1040	6	< 2	3	43	0.06	< 10	< 10	88	< 10	124

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: INTERNATIONAL KODIAK RESOURCES

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9740945

Comments: ATTN: GEORGE NICHOLSON

CERTIFICATE A9740945

(PHY) - INTERNATIONAL KODIAK RESOURCES

Project:
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 9-SEP-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	28	Dry, sieve to -80 mesh
202	28	save reject
229	28	ICP - AQ Digestion charge

* NOTE 1:

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

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	28	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	28	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	28	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	28	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	28	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	28	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	28	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	28	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	28	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	28	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	28	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	28	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	28	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	28	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	28	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	28	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	28	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	28	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	28	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	28	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	28	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	28	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	28	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	28	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	28	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	28	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	28	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	28	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	28	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	28	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	28	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	28	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	28	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

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To: INTERNATIONAL KODIAK RESOURCES **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Page Number :1-A
Total Pages :1
Certificate Date: 09-SEP-97
Invoice No. :I9740945
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9740945

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
C7-0002	201	202	20	3.2	0.67	32	140	0.5	< 2	0.40	1.5	1	68	121	3.51	< 10	1	0.32	< 10	0.11	190
C7-0003	201	202	15	2.0	0.91	30	240	0.5	< 2	0.62	2.0	7	53	92	3.60	< 10	< 1	0.31	< 10	0.18	690
C7-0004	201	202	10	1.6	0.83	20	390	0.5	< 2	0.81	2.5	6	37	94	2.93	< 10	< 1	0.23	< 10	0.26	480
C7-0005	201	202	10	1.2	1.09	30	580	0.5	< 2	1.69	7.0	12	32	122	3.21	< 10	1	0.28	10	0.83	590
C7-0010	201	202	< 5	1.8	1.10	26	550	0.5	< 2	1.72	11.0	10	47	108	3.32	< 10	< 1	0.30	< 10	0.76	535
C7-0011	201	202	< 5	1.6	0.95	24	520	0.5	< 2	1.74	9.5	11	43	94	3.38	< 10	< 1	0.27	< 10	0.82	595
C7-0012	201	202	< 5	1.6	1.04	20	550	0.5	< 2	1.49	8.0	11	43	98	3.17	< 10	< 1	0.29	10	0.65	810
C7-0013	201	202	< 5	1.4	0.83	46	430	0.5	< 2	1.62	11.5	12	40	128	3.07	< 10	< 1	0.22	10	0.79	740
C7-0014	201	202	< 5	1.4	0.86	34	480	0.5	< 2	1.45	9.0	11	41	105	3.30	< 10	1	0.22	< 10	0.65	605
C7-0015	201	202	< 5	1.2	0.84	24	570	0.5	< 2	1.51	6.5	10	35	92	3.54	< 10	< 1	0.23	< 10	0.65	465
C7-0016	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
C7-0017	201	202	< 5	1.6	0.84	34	490	0.5	< 2	1.54	8.0	11	38	106	3.27	< 10	< 1	0.22	< 10	0.66	525
C7-0018	201	202	< 5	< 0.2	1.14	8	340	< 0.5	< 2	1.00	< 0.5	9	24	32	2.31	< 10	< 1	0.09	10	0.63	355
C7-0020	201	202	< 5	0.6	1.49	14	1040	0.5	< 2	0.93	4.0	15	39	69	3.38	< 10	1	0.24	10	0.68	715
C7-0021	201	202	5	0.4	1.42	10	1080	0.5	< 2	0.73	2.5	12	35	50	2.82	< 10	< 1	0.17	10	0.67	470
C7-0023	201	202	< 5	0.6	1.57	12	1010	0.5	< 2	0.90	3.5	14	41	64	3.29	< 10	1	0.24	10	0.72	635
C7-0025	201	202	< 5	0.4	1.74	6	980	0.5	< 2	0.95	1.5	13	41	52	2.91	< 10	< 1	0.21	10	0.88	470
C7-0030	201	202	< 5	0.8	1.11	6	780	0.5	< 2	0.63	1.5	11	29	58	2.32	< 10	< 1	0.21	10	0.29	455
C7-0035	201	202	< 5	1.2	1.05	16	770	0.5	< 2	0.77	4.0	11	45	68	2.02	< 10	< 1	0.19	10	0.24	470
8CSS0010	201	202	< 5	< 0.2	3.51	42	740	3.5	< 2	0.05	1.5	12	66	194	6.99	< 10	1	0.18	10	0.22	505
15CSS0014	201	202	< 5	0.6	1.00	18	760	0.5	< 2	1.20	4.5	13	28	79	2.98	< 10	< 1	0.26	10	0.43	905
3CSS970003	201	202	< 5	< 0.2	2.22	< 2	870	< 0.5	< 2	0.77	< 0.5	9	40	16	2.93	< 10	< 1	0.05	10	0.53	650
3CSS970004	201	202	< 5	0.2	2.21	6	420	< 0.5	< 2	0.16	< 0.5	7	32	14	2.44	< 10	< 1	0.10	10	0.44	305
4CSS00A	201	202	< 5	< 0.2	0.20	< 2	490	< 0.5	4	>15.00	0.5	< 1	3	5	0.23	< 10	< 1	0.07	< 10	0.36	185
4CSS00B	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
4CSS0001	201	202	< 5	0.6	2.31	2	230	< 0.5	< 2	0.12	0.5	12	35	15	3.39	< 10	< 1	0.05	10	0.26	680
4CSS0002	201	202	< 5	0.2	1.70	4	290	< 0.5	< 2	0.09	< 0.5	6	33	23	2.70	< 10	< 1	0.09	10	0.28	390
4CSS0003	201	202	< 5	0.8	1.72	< 2	1510	0.5	< 2	0.15	0.5	11	28	32	2.42	< 10	< 1	0.11	10	0.24	1545
4CSS0004	201	202	< 5	0.6	0.85	10	200	< 0.5	< 2	0.05	0.5	14	31	220	8.05	< 10	< 1	0.11	< 10	0.07	515
4CSS0005	201	202	< 5	0.2	1.03	< 2	480	< 0.5	< 2	2.15	< 0.5	6	19	30	1.49	< 10	< 1	0.09	< 10	0.37	485

CERTIFICATION:

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Analytical Chemists * Geochemists * Registered Assayers

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To: INTERNATIONAL KODIAK RESOURCES **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Page Number :1-B
Total Pages :1
Certificate Date: 09-SEP-97
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Account :PHY

CERTIFICATE OF ANALYSIS A9740945

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
C7-0002	201	202	20	0.01	43	1780	18	6	3	148	< 0.01	< 10	10	425	< 10	96
C7-0003	201	202	11	0.01	59	2740	14	2	4	131	< 0.01	< 10	< 10	300	< 10	222
C7-0004	201	202	12	< 0.01	57	1390	14	4	3	117	< 0.01	< 10	< 10	218	< 10	272
C7-0005	201	202	31	< 0.01	104	1900	16	12	4	158	< 0.01	< 10	< 10	372	< 10	754
C7-0010	201	202	15	< 0.01	81	2130	12	4	5	203	< 0.01	< 10	< 10	286	< 10	538
C7-0011	201	202	13	< 0.01	86	2370	12	4	4	230	< 0.01	< 10	< 10	239	< 10	530
C7-0012	201	202	14	< 0.01	77	2470	12	4	4	173	< 0.01	< 10	< 10	248	< 10	484
C7-0013	201	202	34	< 0.01	97	1850	14	16	4	149	< 0.01	< 10	< 10	461	< 10	954
C7-0014	201	202	21	< 0.01	84	2370	12	8	4	155	< 0.01	< 10	10	315	< 10	718
C7-0015	201	202	15	< 0.01	70	2740	10	6	4	175	< 0.01	< 10	< 10	255	< 10	556
C7-0016	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
C7-0017	201	202	19	< 0.01	80	2460	12	8	4	163	< 0.01	< 10	< 10	304	< 10	638
C7-0018	201	202	1	0.01	27	740	8	2	4	48	0.05	< 10	< 10	51	< 10	90
C7-0020	201	202	8	< 0.01	80	1980	10	< 2	5	111	0.02	< 10	< 10	168	< 10	536
C7-0021	201	202	4	< 0.01	58	1540	10	< 2	5	84	0.05	< 10	< 10	129	< 10	372
C7-0023	201	202	7	< 0.01	73	1800	10	< 2	5	105	0.03	< 10	< 10	167	< 10	484
C7-0025	201	202	3	< 0.01	55	1350	10	2	5	84	0.07	< 10	< 10	115	< 10	248
C7-0030	201	202	3	< 0.01	41	1180	10	< 2	4	104	0.01	< 10	< 10	100	< 10	178
C7-0035	201	202	5	< 0.01	46	2410	20	2	4	126	0.01	< 10	< 10	166	< 10	232
8CSS0010	201	202	2	< 0.01	88	2730	32	< 2	9	58	< 0.01	< 10	10	340	< 10	290
15CSS0014	201	202	13	< 0.01	98	2420	10	6	4	97	< 0.01	< 10	< 10	187	< 10	608
3CSS970003	201	202	< 1	< 0.01	18	770	10	< 2	4	47	0.04	< 10	< 10	63	< 10	56
3CSS970004	201	202	< 1	< 0.01	13	530	10	< 2	3	16	0.06	< 10	< 10	62	< 10	74
4CSS00A	201	202	1	0.07	3	270	< 2	6	< 1	1065	< 0.01	< 10	< 10	10	< 10	66
4CSS00B	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
4CSS0001	201	202	< 1	< 0.01	16	480	10	< 2	3	17	0.05	< 10	< 10	78	< 10	100
4CSS0002	201	202	< 1	< 0.01	19	750	8	< 2	1	20	0.01	< 10	< 10	63	< 10	68
4CSS0003	201	202	1	< 0.01	29	1040	8	< 2	1	29	0.01	< 10	< 10	55	< 10	56
4CSS0004	201	202	1	< 0.01	45	910	16	< 2	6	11	0.01	< 10	< 10	85	< 10	202
4CSS0005	201	202	1	< 0.01	24	1270	4	< 2	3	105	< 0.01	< 10	< 10	28	< 10	58

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9740962

Comments: ATTN GEORGE NICHOLSON

CERTIFICATE A9740962

(PHY) - INTERNATIONAL KODIAK RESOURCES *

Project:
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 11-SEP-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	51	Geochem ring to approx 150 mesh
226	51	0-3 Kg crush and split
3202	51	Rock - save entire reject
229	51	ICP - AQ Digestion charge

* NOTE 1:

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

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	51	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	51	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	51	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	51	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	51	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	51	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	51	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	51	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	51	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	51	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	51	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	51	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	51	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	51	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	51	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	51	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	51	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	51	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	51	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	51	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	51	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	51	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	51	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	51	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	51	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	51	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	51	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	51	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	51	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	51	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	51	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	51	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	51	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

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To: INTERNATIONAL KODIAK RESOURCES **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN GEORGE NICHOLSON

Certificate Date: 11-SEP-97
Invoice No. :I9740962
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9740962

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
C1 ROCK 0009	205 226	< 5	7.2	0.33	30	1490	0.5	< 2	1.02	11.0	< 1	203	125	0.93	< 10	< 1	0.09	< 10	0.05	10
C1 ROCK 0020	205 226	15	0.2	0.22	8	250	< 0.5	< 2	0.09	2.0	5	171	39	1.67	< 10	< 1	0.12	< 10	0.02	190
C1 ROCK 0025	205 226	< 5	< 0.2	0.73	< 2	1030	< 0.5	< 2	2.82	6.0	6	41	105	5.03	< 10	< 1	0.22	< 10	1.30	425
C2 ROCK 0007	205 226	< 5	< 0.2	3.50	< 2	1870	< 0.5	< 2	7.51	< 0.5	25	143	57	5.32	10	1	0.11	10	2.93	855
C2 ROCK 0033	205 226	< 5	0.2	0.35	< 2	530	< 0.5	< 2	0.03	< 0.5	5	166	99	2.02	< 10	< 1	0.13	< 10	0.03	55
C2 ROCK 0034	205 226	5	0.2	0.48	2	1100	< 0.5	< 2	0.01	< 0.5	4	156	64	1.34	< 10	< 1	0.11	< 10	0.11	95
C2 ROCK 0035	205 226	< 5	0.4	1.10	< 2	740	< 0.5	< 2	0.02	< 0.5	4	93	56	2.45	< 10	< 1	0.10	< 10	0.31	45
C2 ROCK 0036	205 226	< 5	< 0.2	3.32	< 2	830	< 0.5	< 2	0.71	< 0.5	28	19	19	7.35	10	1	0.07	20	2.64	540
C2 ROCK 0037	205 226	< 5	< 0.2	3.74	< 2	570	0.5	< 2	2.38	< 0.5	31	4	27	8.26	10	1	0.06	30	3.53	1265
C2 ROCK 0038	205 226	< 5	< 0.2	0.19	6	270	< 0.5	< 2	0.01	< 0.5	< 1	170	21	0.49	< 10	< 1	0.08	< 10	0.02	15
C3 ROCK 97001	205 226	< 5	< 0.2	0.31	2	1400	< 0.5	< 2	0.24	< 0.5	1	282	53	0.68	< 10	< 1	0.08	< 10	0.08	25
C3 ROCK 97002	205 226	< 5	< 0.2	0.48	2	1280	< 0.5	< 2	9.07	< 0.5	4	112	6	1.57	< 10	< 1	0.09	10	0.41	765
C3 ROCK 97005	205 226	< 5	< 0.2	2.66	< 2	7820	0.5	< 2	0.53	1.5	14	73	18	5.32	10	< 1	0.18	30	1.10	585
C4 ROCK 0020	205 226	< 5	< 0.2	0.10	< 2	440	< 0.5	< 2	0.13	< 0.5	1	241	11	0.71	< 10	< 1	0.04	< 10	0.01	55
C4 ROCK 0035	205 226	< 5	< 0.2	0.02	< 2	280	< 0.5	2	>15.00	< 0.5	< 1	4	< 1	0.52	< 10	1	< 0.01	< 10	0.21	485
C4 ROCK 0066	205 226	< 5	< 0.2	0.02	< 2	280	< 0.5	2	>15.00	< 0.5	< 1	3	4	0.55	< 10	1	< 0.01	< 10	0.21	465
C6 ROCK 0006	205 226	< 5	< 0.2	0.67	6	910	< 0.5	< 2	0.46	4.0	10	21	29	11.85	< 10	1	0.29	< 10	0.09	1190
C6 ROCK 0007	205 226	< 5	1.0	0.69	8	490	0.5	< 2	1.07	1.5	43	55	50	8.01	< 10	1	0.20	< 10	0.08	1300
C6 ROCK 0009	205 226	< 5	< 0.2	0.55	4	280	< 0.5	< 2	0.15	< 0.5	6	240	72	5.02	< 10	< 1	0.11	< 10	0.06	145
C6 ROCK 0010	205 226	< 5	< 0.2	0.13	< 2	60	< 0.5	< 2	0.13	< 0.5	6	345	27	1.29	< 10	< 1	0.04	< 10	0.01	170
C6 ROCK 0011	205 226	< 5	1.0	0.73	10	970	0.5	< 2	0.81	0.5	1	170	67	0.95	< 10	< 1	0.17	< 10	0.06	25
C6 ROCK 0012	205 226	< 5	0.8	0.37	6	520	< 0.5	< 2	0.12	1.5	3	192	28	1.28	< 10	< 1	0.17	< 10	0.06	75
C6 ROCK 0013	205 226	< 5	2.0	0.48	24	510	0.5	< 2	0.20	2.0	2	208	80	2.19	< 10	< 1	0.23	< 10	0.04	25
C6 ROCK 0014	205 226	< 5	0.8	0.50	26	290	< 0.5	< 2	0.02	< 0.5	2	95	33	2.51	< 10	< 1	0.39	< 10	0.05	15
C6 ROCK 0023	205 226	< 5	< 0.2	0.33	< 2	880	< 0.5	< 2	5.02	1.0	9	61	52	3.69	< 10	< 1	0.07	< 10	2.00	795
C6 ROCK 0024	205 226	< 5	< 0.2	1.62	10	910	1.5	< 2	0.45	1.5	8	85	123	13.50	< 10	1	0.17	< 10	0.19	130
C6 ROCK 0027	205 226	< 5	1.0	1.02	18	190	2.0	< 2	0.05	< 0.5	1	127	15	5.68	< 10	< 1	0.39	< 10	0.03	30
C6 ROCK 0032	205 226	< 5	0.2	0.47	6	600	< 0.5	< 2	0.09	3.5	3	36	33	>15.00	< 10	1	0.22	< 10	0.06	165
C6 ROCK 0048	205 226	< 5	< 0.2	1.28	< 2	400	0.5	< 2	3.15	< 0.5	5	88	17	2.01	< 10	< 1	0.59	< 10	1.90	290
C6 ROCK 0052	205 226	< 5	0.8	0.54	6	430	< 0.5	< 2	0.29	1.5	8	70	27	4.97	< 10	< 1	0.31	< 10	0.11	380
C7 ROCK 0006	205 226	< 5	1.2	0.42	12	380	< 0.5	< 2	0.06	< 0.5	1	245	25	1.71	< 10	< 1	0.18	< 10	0.03	35
C7 ROCK 0009	205 226	< 5	4.2	0.45	12	190	< 0.5	< 2	0.13	1.5	4	160	92	8.01	< 10	< 1	0.04	< 10	0.04	80
C7 ROCK 0019	205 226	< 5	< 0.2	0.51	< 2	570	< 0.5	< 2	3.91	0.5	5	55	28	2.81	< 10	< 1	0.17	< 10	1.96	985
C7 ROCK 0022	205 226	< 5	0.2	0.74	< 2	190	< 0.5	< 2	1.61	< 0.5	1	188	8	0.66	< 10	< 1	0.05	< 10	0.63	140
C7 ROCK 0024	205 226	< 5	< 0.2	1.72	6	60	0.5	< 2	1.49	< 0.5	1	30	2	0.83	< 10	< 1	0.05	< 10	0.40	295
C7 ROCK 0026	205 226	< 5	< 0.2	0.48	< 2	320	< 0.5	< 2	0.01	0.5	5	115	27	2.43	< 10	< 1	0.16	< 10	0.05	210
C7 ROCK 0028	205 226	< 5	0.2	0.43	< 2	960	< 0.5	< 2	0.01	< 0.5	2	117	32	0.86	< 10	< 1	0.19	< 10	0.04	25
C7 ROCK 0029	205 226	< 5	< 0.2	0.31	2	460	< 0.5	< 2	0.05	< 0.5	5	127	22	0.74	< 10	< 1	0.13	< 10	0.04	40
C7 ROCK 0032	205 226	< 5	0.2	0.93	8	640	0.5	< 2	0.33	1.0	8	78	41	2.13	< 10	< 1	0.30	< 10	0.24	270
C7 ROCK 0033	205 226	< 5	< 0.2	0.33	< 2	160	< 0.5	< 2	0.04	< 0.5	6	164	9	1.09	< 10	< 1	0.10	< 10	0.10	120

CERTIFICATION: Stuart Pitcher

Chemex Labs Ltd.

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

To: INTERNATIONAL KODIAK RESOURCES **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN GEORGE NICHOLSON

Certificate Date: 11-SEP-97
Invoice No. :I9740962
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9740962

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
C1 ROCK 0009	205	226	10	0.01	70	4850	8	2	3	152	< 0.01	< 10	10	382	< 10	294
C1 ROCK 0020	205	226	7	0.02	29	180	6	< 2	< 1	31	< 0.01	< 10	< 10	84	< 10	392
C1 ROCK 0025	205	226	18	0.08	101	290	6	2	4	218	< 0.01	< 10	< 10	15	< 10	1600
C2 ROCK 0007	205	226	1	0.02	91	890	< 2	2	14	167	< 0.01	< 10	< 10	139	< 10	76
C2 ROCK 0033	205	226	< 1	0.01	23	260	8	< 2	3	22	< 0.01	< 10	< 10	14	< 10	162
C2 ROCK 0034	205	226	< 1	< 0.01	18	70	6	< 2	1	34	< 0.01	< 10	< 10	16	< 10	66
C2 ROCK 0035	205	226	< 1	< 0.01	21	120	8	< 2	2	22	< 0.01	< 10	< 10	50	< 10	52
C2 ROCK 0036	205	226	1	0.03	19	1850	2	< 2	9	40	0.01	< 10	< 10	139	< 10	50
C2 ROCK 0037	205	226	1	0.03	16	1870	< 2	2	13	161	0.02	< 10	< 10	141	< 10	66
C2 ROCK 0038	205	226	< 1	< 0.01	4	50	2	< 2	< 1	4	< 0.01	< 10	< 10	10	< 10	2
C3 ROCK 97001	205	226	1	< 0.01	18	1040	< 2	< 2	< 1	43	< 0.01	< 10	< 10	35	< 10	30
C3 ROCK 97002	205	226	1	0.01	11	1570	< 2	< 2	3	259	< 0.01	< 10	< 10	28	< 10	34
C3 ROCK 97005	205	226	1	0.02	37	1110	4	< 2	12	33	< 0.01	< 10	< 10	76	< 10	114
C4 ROCK 0020	205	226	< 1	< 0.01	8	210	2	< 2	< 1	27	< 0.01	< 10	< 10	5	< 10	10
C4 ROCK 0035	205	226	< 1	< 0.01	< 1	30	< 2	2	< 1	1485	< 0.01	< 10	< 10	< 1	10	< 2
C4 ROCK 0066	205	226	< 1	< 0.01	< 1	30	2	2	< 1	1420	< 0.01	< 10	< 10	< 1	10	< 2
C6 ROCK 0006	205	226	76	0.11	161	480	2	2	1	46	< 0.01	< 10	10	29	< 10	2090
C6 ROCK 0007	205	226	15	0.05	122	5000	8	2	3	156	< 0.01	< 10	10	129	< 10	912
C6 ROCK 0009	205	226	3	0.04	45	100	6	< 2	1	28	< 0.01	< 10	< 10	17	< 10	702
C6 ROCK 0010	205	226	2	< 0.01	18	540	2	< 2	< 1	18	< 0.01	< 10	< 10	16	< 10	102
C6 ROCK 0011	205	226	3	< 0.01	39	4220	4	2	2	237	< 0.01	< 10	10	136	< 10	36
C6 ROCK 0012	205	226	4	0.01	20	380	4	< 2	1	40	< 0.01	< 10	< 10	51	< 10	168
C6 ROCK 0013	205	226	10	< 0.01	26	3030	16	2	6	190	< 0.01	< 10	< 10	229	< 10	48
C6 ROCK 0014	205	226	2	0.01	23	520	12	< 2	1	50	< 0.01	< 10	< 10	84	< 10	32
C6 ROCK 0023	205	226	1	0.01	46	100	< 2	2	5	187	< 0.01	< 10	< 10	12	< 10	196
C6 ROCK 0024	205	226	7	0.06	102	920	6	< 2	3	45	< 0.01	< 10	80	68	< 10	1280
C6 ROCK 0027	205	226	6	0.01	19	1990	10	< 2	3	182	< 0.01	< 10	10	548	< 10	70
C6 ROCK 0032	205	226	14	0.06	90	1160	8	4	< 1	31	< 0.01	< 10	20	233	< 10	1280
C6 ROCK 0048	205	226	1	0.03	15	300	< 2	< 2	6	109	< 0.01	< 10	< 10	25	< 10	88
C6 ROCK 0052	205	226	10	0.02	32	820	12	2	1	79	< 0.01	< 10	< 10	66	< 10	360
C7 ROCK 0006	205	226	3	< 0.01	23	620	8	< 2	1	129	< 0.01	< 10	< 10	116	< 10	54
C7 ROCK 0009	205	226	82	0.06	84	460	4	6	1	25	< 0.01	< 10	40	86	< 10	1140
C7 ROCK 0019	205	226	1	0.01	13	170	< 2	< 2	2	641	< 0.01	< 10	< 10	13	< 10	144
C7 ROCK 0022	205	226	1	0.10	11	210	18	< 2	< 1	108	0.04	< 10	< 10	9	< 10	48
C7 ROCK 0024	205	226	1	0.43	9	1000	2	< 2	< 1	84	0.06	< 10	< 10	15	< 10	54
C7 ROCK 0026	205	226	< 1	0.01	19	180	2	< 2	3	6	< 0.01	< 10	< 10	9	< 10	204
C7 ROCK 0028	205	226	< 1	< 0.01	10	70	12	< 2	1	24	< 0.01	< 10	< 10	14	< 10	36
C7 ROCK 0029	205	226	< 1	< 0.01	11	120	2	< 2	1	22	< 0.01	< 10	< 10	5	< 10	82
C7 ROCK 0032	205	226	3	0.01	33	1200	6	< 2	3	79	< 0.01	< 10	< 10	48	< 10	176
C7 ROCK 0033	205	226	< 1	< 0.01	18	100	6	< 2	1	11	< 0.01	< 10	< 10	5	< 10	78

CERTIFICATION:

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CERTIFICATE OF ANALYSIS A9740962

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
C7 ROCK 0034	205	226	< 5	< 0.2	0.19	< 2	290	< 0.5	< 2	0.26	< 0.5	< 1	110	10	0.58	< 10	< 1	0.07	< 10	0.12	45
C7 ROCK 0036	205	226	< 5	0.2	0.57	8	800	< 0.5	< 2	1.68	1.5	9	75	49	2.09	< 10	< 1	0.21	< 10	0.98	475
C9 ROCK 0030	205	226	< 5	< 0.2	0.50	< 2	550	< 0.5	< 2	8.28	< 0.5	5	13	13	3.55	< 10	1	0.21	< 10	4.50	905
C9 ROCK 0037	205	226	< 5	2.0	2.08	68	260	1.0	< 2	0.34	15.5	2	114	214	0.85	< 10	< 1	0.11	< 10	0.25	45
C9 ROCK 0062	205	226	< 5	< 0.2	1.15	< 2	340	0.5	< 2	0.10	2.5	3	24	47	2.95	< 10	< 1	0.41	< 10	0.26	35
C11 ROCK 0002	205	226	< 5	0.8	0.15	< 2	220	< 0.5	< 2	1.53	< 0.5	5	169	15	0.57	< 10	< 1	0.05	< 10	0.99	140
C12 ROCK 0034	205	226	< 5	0.2	0.20	< 2	360	< 0.5	< 2	0.03	< 0.5	1	214	20	0.74	< 10	< 1	0.13	< 10	0.03	20
C12 ROCK 0045	205	226	< 5	0.4	0.24	< 2	720	< 0.5	< 2	0.01	< 0.5	1	183	17	0.83	< 10	< 1	0.16	< 10	0.03	15
C12 ROCK 0054	205	226	< 5	< 0.2	0.27	< 2	210	< 0.5	< 2	2.67	< 0.5	7	94	59	4.15	< 10	< 1	0.07	< 10	1.20	645
C13 ROCK 0002	205	226	< 5	0.6	0.09	2	260	< 0.5	< 2	0.02	< 0.5	1	239	11	0.68	< 10	< 1	0.04	< 10	< 0.01	45
C13 ROCK 0003	205	226	< 5	1.0	0.71	10	1440	0.5	< 2	0.77	3.5	< 1	196	37	0.78	< 10	< 1	0.19	< 10	0.05	20

CERTIFICATION:_____

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V6B 1N2

Project :
Comments: ATTN GEORGE NICHOLSON

Page Number :2-B
Total Pages :2
Certificate Date: 11-SEP-97
Invoice No. :I9740962
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9740962

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
C7 ROCK 0034	205	226	1	< 0.01	4	340	2	< 2	< 1	21	< 0.01	< 10	< 10	11	< 10	72
C7 ROCK 0036	205	226	3	0.01	35	1340	6	< 2	3	116	< 0.01	< 10	< 10	50	< 10	184
C9 ROCK 0030	205	226	< 1	0.01	16	130	2	< 2	4	273	< 0.01	< 10	< 10	8	< 10	56
C9 ROCK 0037	205	226	66	0.15	164	170	6	22	1	21	< 0.01	< 10	30	1245	< 10	2910
C9 ROCK 0062	205	226	5	0.03	20	230	6	< 2	3	31	< 0.01	< 10	< 10	16	< 10	404
C11 ROCK 0002	205	226	2	< 0.01	24	80	< 2	< 2	1	86	< 0.01	< 10	< 10	22	< 10	104
C12 ROCK 0034	205	226	< 1	< 0.01	6	130	6	< 2	< 1	33	< 0.01	< 10	< 10	7	< 10	8
C12 ROCK 0045	205	226	< 1	< 0.01	5	40	8	< 2	< 1	33	< 0.01	< 10	< 10	12	< 10	18
C12 ROCK 0054	205	226	1	< 0.01	24	730	2	< 2	3	437	< 0.01	< 10	< 10	42	< 10	100
C13 ROCK 0002	205	226	1	< 0.01	9	110	2	< 2	< 1	27	< 0.01	< 10	< 10	6	< 10	56
C13 ROCK 0003	205	226	11	< 0.01	20	4310	2	6	3	141	< 0.01	< 10	< 10	405	< 10	22

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9741532

Comments: ATTN: GEORGE NICHOLSON

CERTIFICATE A9741532

(PHY) - INTERNATIONAL KODIAK RESOURCES INC.

Project:
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 14-SEP-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	62	Dry, sieve to -80 mesh
202	62	save reject
229	62	ICP - AQ Digestion charge
* NOTE	1:	

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

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	54	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2118	62	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	62	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	62	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	62	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	62	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	62	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	62	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	62	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	62	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	62	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	62	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	62	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	62	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	62	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	62	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	62	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	62	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	62	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	62	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	62	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	62	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	62	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	62	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	62	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	62	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	62	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	62	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	62	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	62	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	62	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	62	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	62	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

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To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Page Number :1-A
Total Pages :2
Certificate Date: 14-SEP-97
Invoice No. :I9741532
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9741532

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
D7-0011	201	202	< 5	< 0.2	1.86	< 2	250	< 0.5	< 2	0.16	< 0.5	8	28	21	2.85	< 10	< 1	0.07	10	0.50	320
D7-0014	201	202	< 5	< 0.2	1.71	< 2	590	0.5	< 2	0.81	0.5	11	32	49	2.98	< 10	< 1	0.10	10	0.84	305
D7-0016	201	202	< 5	< 0.2	1.93	2	440	0.5	< 2	0.27	< 0.5	16	37	42	3.52	< 10	< 1	0.10	10	0.93	1020
D7-0017	201	202	not/ss	< 0.2	0.22	< 2	240	< 0.5	< 2	2.45	2.5	2	5	15	0.44	< 10	< 1	0.11	< 10	0.27	970
D7-0019	--	--	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss
D7-0021	201	202	< 5	0.4	1.20	< 2	500	0.5	< 2	1.28	2.5	7	41	56	1.64	< 10	< 1	0.30	< 10	0.45	920
D7-0022	201	202	< 5	< 0.2	1.09	< 2	160	< 0.5	< 2	0.11	0.5	4	19	15	1.62	< 10	< 1	0.05	< 10	0.20	395
D7-0023	201	202	< 5	< 0.2	1.63	< 2	490	0.5	< 2	1.41	1.5	9	28	37	2.44	< 10	< 1	0.13	10	0.71	865
D7-0024	201	202	< 5	< 0.2	1.29	< 2	170	< 0.5	< 2	0.15	< 0.5	3	22	19	1.34	< 10	< 1	0.07	10	0.26	85
D7-0025	201	202	< 5	< 0.2	1.71	< 2	440	0.5	< 2	0.29	0.5	13	33	36	3.01	< 10	< 1	0.24	10	0.72	1005
D7-0027	201	202	< 5	< 0.2	2.30	< 2	620	0.5	< 2	0.57	0.5	16	40	51	3.92	< 10	< 1	0.22	10	1.14	1025
D7-0028	201	202	< 5	< 0.2	2.20	< 2	530	0.5	< 2	0.42	0.5	18	41	56	3.89	< 10	< 1	0.22	10	1.18	1155
D7-0065	201	202	< 5	0.2	1.61	< 2	390	0.5	< 2	0.44	< 0.5	8	22	107	2.79	< 10	< 1	0.19	< 10	0.39	450
D7-0066	201	202	not/ss	4.0	0.53	< 2	130	< 0.5	< 2	0.22	0.5	1	5	16	0.41	< 10	< 1	0.07	< 10	0.07	210
D7-0067	201	202	< 5	< 0.2	1.13	< 2	130	< 0.5	< 2	0.05	< 0.5	1	21	15	1.62	< 10	< 1	0.04	< 10	0.11	90
D7-0068	201	202	< 5	0.2	1.25	< 2	440	< 0.5	< 2	0.07	1.5	14	22	25	2.69	< 10	< 1	0.07	< 10	0.17	3150
D7-0069	201	202	< 5	< 0.2	1.66	< 2	260	< 0.5	< 2	0.10	< 0.5	5	25	18	2.27	< 10	< 1	0.05	10	0.33	240
D7-0070	201	202	< 5	< 0.2	1.25	< 2	210	< 0.5	< 2	0.09	< 0.5	4	23	17	1.80	< 10	< 1	0.05	< 10	0.27	150
D7-0071	201	202	< 5	< 0.2	1.62	< 2	290	< 0.5	< 2	0.11	< 0.5	4	24	15	1.84	< 10	< 1	0.06	10	0.34	180
D7-0072	201	202	< 5	1.0	0.76	< 2	450	< 0.5	< 2	0.28	< 0.5	3	10	17	0.90	< 10	< 1	0.09	< 10	0.14	420
D7-0073	201	202	< 5	0.4	1.63	2	720	< 0.5	< 2	0.07	< 0.5	9	28	32	3.04	< 10	< 1	0.09	10	0.18	2030
D7-0075	201	202	< 5	< 0.2	1.70	< 2	900	< 0.5	< 2	0.22	< 0.5	11	32	63	4.28	< 10	< 1	0.10	10	0.32	1040
D7-0076	201	202	25	1.0	1.24	8	800	< 0.5	< 2	0.09	< 0.5	5	39	33	2.58	< 10	< 1	0.12	< 10	0.24	315
D7-0077	201	202	20	0.8	1.86	< 2	980	0.5	< 2	0.15	< 0.5	10	47	38	2.63	< 10	< 1	0.11	10	0.37	635
D7-0079	--	--	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss
D7-0084	201	202	< 5	< 0.2	1.92	4	720	0.5	< 2	0.54	0.5	12	27	72	3.52	< 10	< 1	0.44	10	0.63	840
D7-0085	201	202	< 5	< 0.2	1.37	< 2	170	< 0.5	< 2	0.12	< 0.5	9	26	30	2.78	< 10	< 1	0.07	10	0.27	615
D7-0086	201	202	< 5	< 0.2	1.34	< 2	310	< 0.5	< 2	0.63	0.5	14	22	54	2.07	< 10	< 1	0.09	10	0.50	465
D7-0087	201	202	< 5	< 0.2	1.48	2	470	0.5	< 2	0.81	1.0	14	22	65	2.61	< 10	< 1	0.17	10	0.56	800
D7-0088	201	202	< 5	< 0.2	1.50	6	610	0.5	< 2	0.50	0.5	13	20	73	3.71	< 10	< 1	0.26	10	0.54	1830
D7-0089	201	202	< 5	< 0.2	1.57	8	610	0.5	< 2	0.61	0.5	15	21	79	3.92	< 10	< 1	0.23	10	0.58	1175
D7-0090	201	202	< 5	< 0.2	1.57	6	640	0.5	< 2	0.70	0.5	13	21	79	3.36	< 10	< 1	0.23	10	0.58	1630
D7-0091	201	202	< 5	0.6	1.37	< 2	540	< 0.5	< 2	1.10	1.0	8	27	45	2.01	< 10	< 1	0.10	10	0.61	260
D7-0094	201	202	15	0.6	1.40	< 2	1000	< 0.5	< 2	0.87	1.5	8	35	42	2.03	< 10	< 1	0.12	10	0.59	290
D7-0097	201	202	< 5	< 0.2	2.46	< 2	880	1.0	< 2	0.74	1.5	15	37	74	3.71	< 10	< 1	0.46	10	1.40	860
D7-0098	201	202	< 5	0.6	1.60	< 2	1070	0.5	< 2	0.84	1.5	10	39	54	2.42	< 10	< 1	0.15	10	0.71	475
D7-0099	201	202	< 5	0.2	1.61	< 2	730	0.5	< 2	0.97	1.0	10	29	50	2.15	< 10	< 1	0.14	10	0.59	640
D7-0101	201	202	< 5	< 0.2	2.19	< 2	360	0.5	< 2	0.32	< 0.5	12	30	23	3.54	< 10	< 1	0.10	10	0.67	825
D7-0102	201	202	< 5	< 0.2	1.73	< 2	240	< 0.5	< 2	0.09	< 0.5	6	25	16	2.82	< 10	< 1	0.08	10	0.36	500
D7-0103	201	202	< 5	< 0.2	1.94	< 2	300	0.5	< 2	0.10	< 0.5	7	25	20	3.08	< 10	< 1	0.09	10	0.51	430

CERTIFICATION: Ian Pollock

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
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To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 14-SEP-97
Invoice No. :I9741532
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9741532

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
D7-0011	201	202	1	< 0.01	18	1030	8	< 2	2	15	0.01	< 10	< 10	42	< 10	64
D7-0014	201	202	2	0.01	30	1030	10	< 2	5	68	0.01	< 10	< 10	39	< 10	126
D7-0016	201	202	2	0.01	35	1090	10	< 2	4	28	0.01	< 10	< 10	43	< 10	118
D7-0017	201	202	1	0.03	7	1210	< 2	< 2	< 1	111	< 0.01	< 10	< 10	6	< 10	148
D7-0019	--	--	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss
D7-0021	201	202	3	0.02	65	2150	6	2	2	76	0.01	< 10	< 10	37	< 10	174
D7-0022	201	202	1	0.01	12	750	6	< 2	< 1	15	0.01	< 10	< 10	35	< 10	44
D7-0023	201	202	3	0.02	28	1290	8	< 2	4	88	0.01	< 10	< 10	40	< 10	178
D7-0024	201	202	1	< 0.01	12	990	6	< 2	< 1	17	< 0.01	< 10	< 10	37	< 10	48
D7-0025	201	202	3	0.01	25	1260	10	2	3	28	0.01	< 10	< 10	58	< 10	120
D7-0027	201	202	4	0.01	44	970	12	2	5	61	< 0.01	< 10	< 10	62	< 10	178
D7-0028	201	202	3	0.01	44	930	12	2	5	50	< 0.01	< 10	< 10	54	< 10	150
D7-0065	201	202	11	0.01	44	2660	10	2	1	50	< 0.01	< 10	< 10	90	< 10	254
D7-0066	201	202	1	0.01	6	1750	< 2	< 2	< 1	16	< 0.01	< 10	< 10	10	< 10	46
D7-0067	201	202	< 1	< 0.01	5	1060	10	< 2	< 1	10	< 0.01	< 10	< 10	35	< 10	20
D7-0068	201	202	2	0.01	12	1320	10	< 2	< 1	12	0.01	< 10	< 10	47	< 10	78
D7-0069	201	202	1	0.01	13	760	6	< 2	< 1	13	0.01	< 10	< 10	43	< 10	48
D7-0070	201	202	1	< 0.01	11	730	6	< 2	< 1	12	< 0.01	< 10	< 10	36	< 10	48
D7-0071	201	202	< 1	< 0.01	12	470	6	< 2	< 1	14	0.01	< 10	< 10	41	< 10	50
D7-0072	201	202	1	0.01	9	1880	4	< 2	< 1	27	< 0.01	< 10	< 10	17	< 10	58
D7-0073	201	202	3	0.01	17	620	14	2	2	25	0.04	< 10	< 10	80	< 10	64
D7-0075	201	202	4	0.01	40	550	12	< 2	4	38	0.03	< 10	< 10	56	< 10	122
D7-0076	201	202	5	0.01	21	470	12	2	3	45	0.02	< 10	< 10	118	< 10	42
D7-0077	201	202	4	0.01	29	580	12	2	4	33	0.04	< 10	< 10	118	< 10	60
D7-0079	--	--	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss
D7-0084	201	202	5	0.01	42	1860	10	< 2	5	96	< 0.01	< 10	< 10	77	< 10	184
D7-0085	201	202	2	0.01	21	420	6	< 2	2	17	0.04	< 10	< 10	58	< 10	84
D7-0086	201	202	1	0.01	47	1090	4	< 2	4	63	0.03	< 10	< 10	42	< 10	164
D7-0087	201	202	3	0.01	48	1390	8	< 2	4	88	0.01	< 10	< 10	52	< 10	192
D7-0088	201	202	5	0.01	44	1540	10	< 2	4	89	< 0.01	< 10	< 10	59	< 10	168
D7-0089	201	202	6	0.02	48	1680	14	< 2	4	107	< 0.01	< 10	< 10	63	< 10	200
D7-0090	201	202	5	0.01	47	1480	12	< 2	4	106	< 0.01	< 10	< 10	60	< 10	172
D7-0091	201	202	2	0.02	34	900	6	2	4	104	0.01	< 10	< 10	82	< 10	192
D7-0094	201	202	3	0.02	39	1060	6	2	4	85	0.03	< 10	< 10	132	< 10	262
D7-0097	201	202	6	0.02	52	1340	10	2	6	110	< 0.01	< 10	< 10	93	< 10	222
D7-0098	201	202	3	0.02	46	1100	6	< 2	5	93	0.03	< 10	< 10	148	< 10	278
D7-0099	201	202	2	0.01	40	1090	6	< 2	4	102	0.02	< 10	< 10	71	< 10	180
D7-0101	201	202	1	0.01	27	860	12	< 2	4	28	0.02	< 10	< 10	43	< 10	86
D7-0102	201	202	1	0.01	13	1160	8	< 2	< 1	15	< 0.01	< 10	< 10	42	< 10	64
D7-0103	201	202	1	< 0.01	17	1020	10	2	< 1	13	0.01	< 10	< 10	41	< 10	80

CERTIFICATION:

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Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 14-SEP-97
Invoice No. :I9741532
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Account :PHY

CERTIFICATE OF ANALYSIS A9741532

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
D7-0104	201	202	< 5	< 0.2	1.75	< 2	400	0.5	< 2	0.11	< 0.5	6	25	16	2.75	< 10	< 1	0.09	10	0.47	390
D7-0108	201	202	5	< 0.2	1.57	< 2	490	0.5	< 2	0.70	< 0.5	13	24	50	3.23	< 10	1	0.15	10	0.81	795
D7-0131	201	202	< 5	< 0.2	1.28	< 2	390	< 0.5	< 2	0.66	< 0.5	8	23	33	2.23	< 10	< 1	0.09	10	0.72	315
D7-0132	201	202	< 5	< 0.2	1.75	< 2	530	0.5	< 2	0.47	0.5	15	28	44	3.40	< 10	< 1	0.15	20	1.33	845
D7-0135	201	202	< 5	< 0.2	1.35	< 2	260	< 0.5	< 2	0.16	< 0.5	8	17	17	2.91	< 10	< 1	0.04	10	0.49	400
D7-0136	201	202	not/ss	< 0.2	0.10	< 2	110	< 0.5	< 2	0.46	< 0.5	< 1	1	7	0.12	< 10	< 1	0.21	< 10	0.13	1885
D7-0138	201	202	< 5	< 0.2	3.26	< 2	340	0.5	< 2	0.66	< 0.5	40	119	54	6.20	10	< 1	0.07	10	3.92	1235
D7-0139	201	202	< 5	0.2	1.75	< 2	280	0.5	< 2	0.37	< 0.5	16	47	48	2.91	< 10	< 1	0.07	10	1.13	525
D7-0141	201	202	< 5	< 0.2	0.06	< 2	120	< 0.5	< 2	1.75	0.5	< 1	1	6	0.09	< 10	< 1	0.15	< 10	0.28	220
D7-0142	201	202	< 5	< 0.2	1.83	< 2	240	< 0.5	< 2	1.39	0.5	16	95	62	3.03	< 10	< 1	0.07	10	2.10	310
D7-0144	201	202	< 5	0.2	1.90	< 2	260	0.5	< 2	1.77	0.5	16	94	75	3.10	< 10	< 1	0.08	10	2.18	335
D7-0145	201	202	< 5	0.2	1.16	< 2	210	< 0.5	< 2	2.28	0.5	9	53	57	1.76	< 10	1	0.11	10	1.18	275
D7-0147	201	202	< 5	< 0.2	2.03	< 2	260	< 0.5	< 2	1.22	< 0.5	19	97	55	3.42	< 10	< 1	0.06	10	2.41	390
D7-0148	201	202	< 5	< 0.2	0.51	< 2	170	< 0.5	< 2	2.45	0.5	4	18	20	0.71	< 10	< 1	0.13	< 10	0.63	260
D7-0149	201	202	not/ss	< 0.2	0.04	< 2	150	< 0.5	< 2	1.51	< 0.5	< 1	1	4	0.06	< 10	< 1	0.17	< 10	0.16	190
D7-0151	201	202	not/ss	< 0.2	0.04	< 2	220	< 0.5	< 2	1.14	< 0.5	< 1	3	6	0.08	< 10	< 1	0.15	< 10	0.09	360
D7-0152	201	202	not/ss	< 0.2	0.06	< 2	130	< 0.5	< 2	0.82	< 0.5	< 1	3	18	0.11	< 10	< 1	0.16	< 10	0.11	250
D7-0153	201	202	not/ss	< 0.2	0.05	< 2	70	< 0.5	< 2	1.57	0.5	< 1	2	16	0.10	< 10	< 1	0.09	< 10	0.35	215
D7-0154	201	202	15	0.2	1.54	< 2	240	< 0.5	< 2	1.58	0.5	11	47	73	2.36	< 10	< 1	0.09	10	1.04	390
D7-0155	201	202	50	0.4	0.34	2	180	0.5	< 2	1.47	< 0.5	16	54	301	4.67	< 10	1	0.06	< 10	0.68	755
D7-0156	201	202	not/ss	< 0.2	0.04	< 2	80	< 0.5	< 2	1.91	< 0.5	< 1	1	5	0.07	< 10	< 1	0.16	< 10	0.17	205
D7-0158	201	202	< 5	< 0.2	0.15	< 2	90	< 0.5	< 2	1.50	< 0.5	1	4	7	0.22	< 10	< 1	0.04	< 10	0.11	60
D7-0159	201	202	< 5	< 0.2	2.03	< 2	250	< 0.5	< 2	0.88	< 0.5	14	54	43	2.72	< 10	< 1	0.08	10	1.24	320
D7-0165	201	202	< 5	< 0.2	2.24	< 2	410	< 0.5	< 2	1.17	< 0.5	31	88	65	4.24	< 10	< 1	0.04	10	2.49	535

CERTIFICATION:

Chemex Labs Ltd.

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 14-SEP-97
Invoice No. :I9741532
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9741532

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
D7-0104	201	202	1	0.01	14	870	8	< 2	< 1	13	0.01	< 10	< 10	42	< 10	74
D7-0108	201	202	4	0.01	30	1050	14	< 2	5	52	0.01	< 10	< 10	32	< 10	96
D7-0131	201	202	2	0.01	26	780	6	< 2	3	52	0.02	< 10	< 10	37	< 10	114
D7-0132	201	202	3	0.01	36	790	14	< 2	4	44	< 0.01	< 10	< 10	41	< 10	146
D7-0135	201	202	1	< 0.01	12	560	6	< 2	2	15	0.09	< 10	< 10	54	< 10	44
D7-0136	201	202	< 1	0.02	2	980	< 2	< 2	< 1	12	< 0.01	< 10	< 10	3	< 10	76
D7-0138	201	202	1	< 0.01	73	1080	6	2	9	30	0.21	< 10	< 10	162	< 10	118
D7-0139	201	202	2	< 0.01	36	800	6	2	5	28	0.09	< 10	< 10	70	< 10	64
D7-0141	201	202	1	0.01	3	780	< 2	< 2	< 1	61	< 0.01	< 10	< 10	1	< 10	44
D7-0142	201	202	2	0.01	77	830	4	< 2	6	61	0.14	< 10	< 10	61	< 10	98
D7-0144	201	202	2	0.01	79	920	4	2	6	77	0.12	< 10	< 10	58	< 10	100
D7-0145	201	202	2	0.01	44	1050	2	< 2	3	86	0.04	< 10	< 10	32	< 10	78
D7-0147	201	202	2	< 0.01	83	760	6	< 2	6	53	0.19	< 10	< 10	67	< 10	92
D7-0148	201	202	1	0.01	17	700	< 2	< 2	1	87	0.03	< 10	< 10	15	< 10	54
D7-0149	201	202	< 1	0.01	3	760	< 2	< 2	< 1	49	< 0.01	< 10	< 10	1	< 10	66
D7-0151	201	202	< 1	0.01	3	810	18	< 2	< 1	54	< 0.01	< 10	< 10	1	< 10	80
D7-0152	201	202	< 1	0.03	3	800	2	< 2	< 1	37	< 0.01	< 10	< 10	1	< 10	62
D7-0153	201	202	1	0.01	5	950	< 2	< 2	< 1	42	< 0.01	< 10	< 10	2	< 10	60
D7-0154	201	202	1	0.01	46	960	8	< 2	4	72	0.02	< 10	< 10	47	< 10	86
D7-0155	201	202	5	< 0.01	89	550	14	< 2	9	74	< 0.01	< 10	< 10	68	< 10	172
D7-0156	201	202	1	0.02	2	690	< 2	< 2	< 1	44	< 0.01	< 10	< 10	1	< 10	34
D7-0158	201	202	< 1	0.01	6	600	< 2	< 2	< 1	52	< 0.01	< 10	< 10	4	< 10	42
D7-0159	201	202	1	< 0.01	50	670	6	< 2	6	45	0.13	< 10	< 10	61	< 10	72
D7-0165	201	202	1	< 0.01	120	830	2	< 2	10	50	0.19	< 10	< 10	87	< 10	70

CERTIFICATION: Stan Smith

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9741536

Comments: ATTN: GEORGE NICHOLSON

CERTIFICATE A9741536

(PHY) - INTERNATIONAL KODIAK RESOURCES INC.

Project:
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 14-SEP-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	19	Dry, sieve to -80 mesh
202	19	save reject
229	19	ICP - AQ Digestion charge

* NOTE 1:

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

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	15	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2118	19	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	19	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	19	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	19	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	19	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	19	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	19	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	19	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	19	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	19	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	19	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	19	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	19	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	19	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	19	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	19	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	19	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	19	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	19	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	19	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	19	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	19	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	19	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	19	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	19	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	19	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	19	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	19	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	19	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	19	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	19	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	19	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Page Number :1-A
Total Pages :1
Certificate Date: 14-SEP-97
Invoice No. :I9741536
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9741536

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
A7-0038	201	202	< 5	0.2	2.26	6	640	< 0.5	< 2	0.15	1.5	10	31	20	3.46	< 10	< 1	0.09	10	0.41	1260
A7-0039	201	202	< 5	0.2	1.81	6	580	< 0.5	< 2	0.28	1.5	9	24	31	3.04	< 10	< 1	0.16	< 10	0.59	725
A7-0040	201	202	< 5	< 0.2	2.00	12	710	0.5	< 2	0.38	1.5	12	30	42	3.51	< 10	< 1	0.11	10	0.46	655
A7-0045	201	202	< 5	0.2	0.64	< 2	670	< 0.5	< 2	0.29	2.0	1	13	27	1.08	< 10	< 1	0.08	< 10	0.08	140
A7-0046	201	202	< 5	< 0.2	0.17	< 2	460	< 0.5	< 2	1.49	1.5	< 1	3	9	0.22	< 10	< 1	0.06	< 10	0.21	270
A7-0047	201	202	< 5	0.6	0.87	< 2	950	< 0.5	< 2	2.19	2.5	5	11	38	0.98	< 10	< 1	0.05	< 10	0.39	1235
A7-0048	201	202	< 5	0.2	1.49	6	450	< 0.5	< 2	0.37	0.5	8	22	45	2.60	< 10	< 1	0.08	10	0.50	335
A7-0049	201	202	< 5	< 0.2	0.33	< 2	290	< 0.5	< 2	1.93	6.5	6	4	33	0.39	< 10	< 1	0.07	< 10	0.32	1210
A7-0050	201	202	< 5	< 0.2	0.13	< 2	560	< 0.5	< 2	4.40	2.5	1	2	15	0.15	< 10	< 1	0.01	< 10	0.38	200
A7-0051	201	202	not/ss	< 0.2	0.16	< 2	150	< 0.5	< 2	1.89	4.0	1	3	20	0.22	< 10	< 1	0.08	< 10	0.32	520
A7-0052	201	202	< 5	0.4	1.18	< 2	360	< 0.5	< 2	1.52	2.5	6	17	42	1.33	< 10	< 1	0.11	10	0.61	430
A7-0053	201	202	not/ss	< 0.2	0.17	< 2	50	< 0.5	< 2	0.23	< 0.5	< 1	3	5	0.20	< 10	< 1	0.11	< 10	0.08	105
A7-0054	201	202	< 5	0.6	1.42	< 2	450	< 0.5	< 2	1.73	1.0	7	21	49	1.68	< 10	< 1	0.10	10	0.64	375
A7-0055	201	202	not/ss	< 0.2	0.15	< 2	110	< 0.5	< 2	1.05	0.5	< 1	3	6	0.19	< 10	< 1	0.08	< 10	0.21	110
A7-0056	201	202	< 5	< 0.2	1.78	2	600	0.5	< 2	0.66	0.5	10	22	30	2.72	< 10	< 1	0.21	10	0.75	480
A7-0057	201	202	< 5	0.2	1.47	< 2	550	< 0.5	< 2	0.86	0.5	7	19	31	1.93	< 10	< 1	0.13	10	0.57	415
A7-0058	201	202	< 5	0.2	1.66	< 2	600	0.5	< 2	0.72	0.5	9	21	31	2.43	< 10	< 1	0.17	10	0.69	450
A7-0062	201	202	< 5	0.6	1.52	10	900	0.5	< 2	0.29	3.0	21	24	60	2.80	< 10	< 1	0.17	10	0.49	4120
A7-0064	201	202	not/ss	0.2	1.64	10	960	0.5	< 2	0.56	4.0	14	25	49	3.38	< 10	< 1	0.23	10	0.64	1730

CERTIFICATION: _____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Page Number :1-B
Total Pages :1
Certificate Date: 14-SEP-97
Invoice No. :19741536
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9741536

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
A7-0038	201	202	< 1	< 0.01	20	620	2	< 2	3	24	0.08	< 10	< 10	73	< 10	136
A7-0039	201	202	1	< 0.01	16	1020	8	2	1	23	0.02	< 10	< 10	70	< 10	120
A7-0040	201	202	1	< 0.01	40	1310	2	< 2	3	60	0.04	< 10	< 10	88	< 10	216
A7-0045	201	202	1	< 0.01	7	1130	< 2	2	< 1	30	< 0.01	< 10	< 10	24	< 10	66
A7-0046	201	202	< 1	< 0.01	4	1040	< 2	4	< 1	57	< 0.01	< 10	< 10	5	< 10	64
A7-0047	201	202	< 1	< 0.01	16	1450	< 2	2	1	88	< 0.01	< 10	< 10	22	< 10	74
A7-0048	201	202	< 1	< 0.01	26	1010	4	< 2	3	41	0.01	< 10	< 10	46	< 10	112
A7-0049	201	202	< 1	< 0.01	16	1230	< 2	2	< 1	107	< 0.01	< 10	< 10	8	< 10	112
A7-0050	201	202	< 1	< 0.01	5	670	< 2	2	< 1	159	< 0.01	< 10	< 10	4	< 10	64
A7-0051	201	202	< 1	< 0.01	9	1250	< 2	< 2	< 1	104	< 0.01	< 10	< 10	5	< 10	78
A7-0052	201	202	< 1	< 0.01	24	1180	< 2	< 2	2	107	0.01	< 10	< 10	32	< 10	120
A7-0053	201	202	< 1	0.01	3	740	< 2	< 2	< 1	17	< 0.01	< 10	< 10	6	< 10	34
A7-0054	201	202	< 1	< 0.01	26	1160	< 2	< 2	3	130	0.01	< 10	< 10	40	< 10	98
A7-0055	201	202	< 1	< 0.01	3	810	< 2	< 2	< 1	54	< 0.01	< 10	< 10	5	< 10	42
A7-0056	201	202	1	< 0.01	28	1240	< 2	< 2	3	65	< 0.01	< 10	< 10	58	< 10	156
A7-0057	201	202	< 1	< 0.01	23	930	< 2	2	3	63	0.01	< 10	< 10	47	< 10	112
A7-0058	201	202	< 1	< 0.01	28	1100	2	< 2	3	62	0.01	< 10	< 10	53	< 10	146
A7-0062	201	202	4	< 0.01	49	1280	8	2	4	69	0.01	< 10	< 10	81	< 10	224
A7-0064	201	202	4	< 0.01	47	1210	6	< 2	4	81	0.01	< 10	< 10	88	< 10	320

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9741537

Comments: ATTN: GEORGE NICHOLSON

CERTIFICATE A9741537

(PHY) - INTERNATIONAL KODIAK RESOURCES INC.

Project:
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 14-SEP-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	113	Dry, sieve to -80 mesh
202	113	save reject
229	113	ICP - AQ Digestion charge
* NOTE	1:	

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

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	113	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2118	113	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	113	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	113	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	113	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	113	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	113	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	113	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	113	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	113	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	113	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	113	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	113	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	113	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	113	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	113	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	113	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	113	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	113	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	113	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	113	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	113	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	113	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	113	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	113	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	113	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	113	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	113	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	113	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	113	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	113	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	113	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	113	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
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To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Page Number :1-A
Total Pages :3
Certificate Date: 14-SEP-97
Invoice No. :I9741537
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9741537

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
1AS0062	201	202	15	0.6	1.91	< 2	950	0.5	< 2	1.28	0.5	8	22	56	2.23	< 10	< 1	0.20	10	0.94	370
1AS0063	201	202	10	1.0	1.84	8	1150	0.5	< 2	0.26	1.0	10	29	79	3.10	< 10	< 1	0.16	10	0.43	295
1AS0064	201	202	< 5	1.4	1.56	14	810	0.5	< 2	0.73	2.0	10	29	77	3.09	< 10	< 1	0.24	10	0.65	915
1AS0065	201	202	< 5	0.6	2.05	6	290	2.0	< 2	0.28	3.0	12	30	362	>15.00	< 10	< 1	0.15	< 10	0.12	930
1AS0066	201	202	< 5	0.8	1.51	8	580	< 0.5	< 2	0.17	0.5	5	26	46	5.36	< 10	< 1	0.15	10	0.40	195
1AS0067	201	202	10	1.2	1.87	2	670	0.5	< 2	0.88	2.0	12	31	108	6.02	< 10	< 1	0.26	10	0.84	895
1AS0068	201	202	5	0.6	2.19	4	780	0.5	< 2	0.83	2.5	13	29	89	6.39	< 10	< 1	0.25	10	0.95	680
1AS0069	201	202	10	0.6	1.95	2	700	0.5	< 2	0.77	2.5	13	27	83	5.70	< 10	< 1	0.27	10	0.86	795
1AS0070	201	202	15	0.6	1.83	< 2	810	0.5	< 2	1.24	1.5	10	24	81	3.66	< 10	< 1	0.25	10	0.87	560
1AS0071	201	202	10	0.6	2.06	4	790	0.5	< 2	1.14	2.0	14	27	90	4.31	< 10	< 1	0.27	10	0.98	775
1AS0072	201	202	5	0.6	1.78	< 2	510	0.5	< 2	0.84	1.5	12	24	56	2.38	< 10	< 1	0.17	10	0.74	490
1AS0073	201	202	10	0.4	2.04	6	740	0.5	< 2	0.84	1.5	11	26	63	2.56	< 10	< 1	0.30	10	0.88	435
1AS0074	201	202	< 5	0.6	2.05	< 2	900	0.5	< 2	0.88	1.5	11	27	58	2.66	< 10	< 1	0.27	10	0.93	345
1AS0075	201	202	25	1.2	2.21	6	950	0.5	< 2	0.80	1.5	15	27	99	3.00	< 10	< 1	0.20	10	1.06	390
1AS0076	201	202	< 5	0.6	1.24	< 2	450	0.5	< 2	0.55	2.0	11	18	34	2.05	< 10	< 1	0.08	10	0.45	595
1AS0077	201	202	< 5	0.8	1.05	< 2	410	< 0.5	< 2	0.33	0.5	5	19	32	2.17	< 10	< 1	0.06	< 10	0.34	120
1AS0079	201	202	10	0.6	1.46	4	640	0.5	< 2	0.68	1.5	12	20	60	4.15	< 10	< 1	0.11	10	0.74	565
1AS0080	201	202	5	0.2	1.62	< 2	620	0.5	< 2	0.78	1.5	12	20	62	3.45	< 10	< 1	0.15	10	0.89	465
1AS0081	201	202	< 5	0.4	1.76	2	710	0.5	< 2	0.83	1.5	12	22	67	3.58	< 10	< 1	0.18	10	0.90	525
1AS0082	201	202	< 5	0.4	1.84	< 2	660	0.5	< 2	1.14	1.0	11	25	68	3.08	< 10	< 1	0.21	10	0.91	440
1AS0083	201	202	< 5	0.2	1.94	< 2	740	0.5	< 2	1.04	1.0	12	25	62	3.35	< 10	< 1	0.24	10	1.00	545
1AS0084	201	202	< 5	0.2	1.78	< 2	640	0.5	< 2	0.94	1.0	13	22	56	3.56	< 10	< 1	0.21	10	0.99	530
1AS0085	201	202	< 5	0.2	1.75	< 2	460	0.5	< 2	1.10	1.5	19	24	52	3.35	< 10	< 1	0.19	10	0.76	845
1AS0086	201	202	< 5	0.2	1.85	6	680	0.5	< 2	1.03	1.0	13	24	58	3.41	< 10	< 1	0.21	10	1.01	495
1AS0087	201	202	< 5	0.2	1.88	< 2	780	0.5	< 2	2.12	0.5	11	23	64	2.45	< 10	< 1	0.22	20	1.12	285
1AS0088	201	202	< 5	0.2	1.97	< 2	790	0.5	< 2	1.12	0.5	13	25	64	3.30	< 10	< 1	0.25	10	1.04	550
1AS0090	201	202	< 5	< 0.2	1.71	8	290	< 0.5	< 2	0.13	0.5	9	27	38	2.92	< 10	< 1	0.08	10	0.45	680
1AS0091	201	202	< 5	0.2	1.43	2	300	< 0.5	< 2	0.08	< 0.5	6	26	31	2.48	< 10	< 1	0.07	10	0.33	375
1AS0092	201	202	< 5	0.4	1.39	6	330	< 0.5	< 2	0.07	0.5	5	25	27	2.42	< 10	< 1	0.07	< 10	0.32	450
1AS0093	201	202	< 5	0.6	1.42	6	350	< 0.5	< 2	0.08	< 0.5	7	26	30	2.69	< 10	< 1	0.09	< 10	0.31	780
1AS0094	201	202	< 5	0.8	1.50	8	360	< 0.5	< 2	0.10	0.5	6	27	32	2.65	< 10	< 1	0.09	10	0.31	615
1AS0095	201	202	< 5	0.4	1.59	6	690	< 0.5	< 2	0.31	< 0.5	6	28	35	2.33	< 10	< 1	0.15	10	0.47	540
1AS0096	201	202	< 5	0.2	1.77	2	260	< 0.5	< 2	0.10	< 0.5	6	29	18	2.90	< 10	< 1	0.08	10	0.30	500
1AS0097	201	202	< 5	0.2	1.37	6	320	< 0.5	< 2	0.07	0.5	5	29	25	2.71	< 10	< 1	0.11	10	0.24	390
1AS0098	201	202	< 5	1.0	1.78	8	460	0.5	< 2	0.17	0.5	15	33	36	3.38	< 10	< 1	0.12	10	0.43	1020
1AS0099	201	202	< 5	0.8	1.68	10	590	0.5	2	0.15	1.5	15	39	41	2.61	< 10	< 1	0.14	10	0.37	1085
1AS0101	201	202	< 5	1.0	1.81	14	1130	0.5	< 2	0.42	2.5	11	33	60	2.58	< 10	< 1	0.14	10	0.35	1795
1AS0102	201	202	< 5	0.2	1.11	4	400	< 0.5	< 2	0.39	0.5	15	21	46	2.28	< 10	< 1	0.15	10	0.30	1445
1AS0103	201	202	10	0.6	1.53	10	690	0.5	< 2	0.47	1.5	8	31	40	2.61	< 10	< 1	0.13	10	0.42	660
1AS0104	201	202	< 5	0.6	1.48	< 2	570	< 0.5	< 2	0.37	0.5	7	26	33	1.96	< 10	< 1	0.09	10	0.40	300

CERTIFICATION: Stewart Bichler

Chemex Labs Ltd.

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 14-SEP-97
Invoice No. :I9741537
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9741537

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
1AS0062	201	202	< 1	< 0.01	27	880	2	< 2	5	69	< 0.01	< 10	< 10	51	< 10	96
1AS0063	201	202	3	< 0.01	33	1200	16	< 2	4	91	< 0.01	< 10	< 10	87	< 10	94
1AS0064	201	202	6	< 0.01	42	1720	10	2	4	101	< 0.01	< 10	< 10	133	< 10	152
1AS0065	201	202	1	< 0.01	32	880	4	2	4	31	0.01	< 10	< 10	136	< 10	862
1AS0066	201	202	4	< 0.01	22	1270	6	< 2	3	38	< 0.01	< 10	< 10	93	< 10	108
1AS0067	201	202	3	< 0.01	48	1530	8	2	4	104	< 0.01	< 10	< 10	116	< 10	258
1AS0068	201	202	4	< 0.01	58	1210	2	< 2	4	87	< 0.01	< 10	< 10	85	< 10	364
1AS0069	201	202	< 1	< 0.01	49	1260	6	< 2	4	89	< 0.01	< 10	< 10	78	< 10	296
1AS0070	201	202	1	< 0.01	38	1100	4	< 2	4	108	< 0.01	< 10	< 10	63	< 10	198
1AS0071	201	202	3	< 0.01	47	1280	4	2	4	106	< 0.01	< 10	< 10	72	< 10	256
1AS0072	201	202	< 1	< 0.01	31	1040	2	< 2	4	65	0.01	< 10	< 10	55	< 10	154
1AS0073	201	202	< 1	< 0.01	32	1150	8	< 2	4	72	0.01	< 10	< 10	54	< 10	176
1AS0074	201	202	< 1	< 0.01	35	1230	4	< 2	4	80	0.01	< 10	< 10	53	< 10	188
1AS0075	201	202	< 1	0.01	43	1260	6	< 2	5	95	< 0.01	< 10	< 10	60	< 10	262
1AS0076	201	202	< 1	< 0.01	32	900	< 2	< 2	3	50	0.01	< 10	< 10	58	< 10	206
1AS0077	201	202	3	< 0.01	25	880	8	2	3	47	0.01	< 10	< 10	65	< 10	134
1AS0079	201	202	< 1	< 0.01	34	1190	2	< 2	3	68	< 0.01	< 10	< 10	58	< 10	212
1AS0080	201	202	3	< 0.01	36	1160	4	< 2	3	77	< 0.01	< 10	< 10	47	< 10	200
1AS0081	201	202	1	< 0.01	37	1160	4	2	4	81	< 0.01	< 10	< 10	54	< 10	208
1AS0082	201	202	< 1	< 0.01	38	1160	6	< 2	4	89	< 0.01	< 10	< 10	54	< 10	178
1AS0083	201	202	1	< 0.01	37	1130	4	< 2	4	86	< 0.01	< 10	< 10	51	< 10	178
1AS0084	201	202	< 1	< 0.01	36	1170	6	2	3	78	< 0.01	< 10	< 10	47	< 10	184
1AS0085	201	202	1	< 0.01	69	1050	4	< 2	4	62	0.02	< 10	< 10	50	< 10	278
1AS0086	201	202	< 1	< 0.01	37	1180	6	4	4	82	< 0.01	< 10	< 10	48	< 10	188
1AS0087	201	202	< 1	< 0.01	26	990	< 2	2	4	97	< 0.01	< 10	< 10	32	< 10	86
1AS0088	201	202	< 1	< 0.01	37	1200	8	< 2	4	89	< 0.01	< 10	< 10	53	< 10	188
1AS0090	201	202	1	< 0.01	24	660	6	< 2	3	24	0.04	< 10	< 10	53	< 10	86
1AS0091	201	202	< 1	< 0.01	18	660	2	2	1	28	0.02	< 10	< 10	62	< 10	64
1AS0092	201	202	< 1	< 0.01	17	820	6	< 2	1	32	0.01	< 10	< 10	65	< 10	60
1AS0093	201	202	1	< 0.01	18	890	6	< 2	1	32	0.01	< 10	< 10	67	< 10	66
1AS0094	201	202	< 1	< 0.01	17	970	8	2	1	37	0.02	< 10	< 10	73	< 10	64
1AS0095	201	202	2	< 0.01	21	1060	6	2	2	52	0.01	< 10	< 10	78	< 10	82
1AS0096	201	202	1	< 0.01	12	580	8	2	2	24	0.05	< 10	< 10	83	< 10	54
1AS0097	201	202	3	< 0.01	13	690	6	2	< 1	29	0.02	< 10	< 10	102	< 10	68
1AS0098	201	202	1	< 0.01	30	740	8	2	3	40	0.05	< 10	< 10	88	< 10	160
1AS0099	201	202	8	< 0.01	42	860	6	2	3	41	0.04	< 10	< 10	227	< 10	204
1AS0101	201	202	4	< 0.01	51	1330	10	6	3	74	0.01	< 10	< 10	112	< 10	180
1AS0102	201	202	6	< 0.01	29	1570	6	< 2	3	38	0.01	< 10	< 10	62	< 10	182
1AS0103	201	202	2	< 0.01	28	940	2	< 2	2	70	0.03	< 10	< 10	100	< 10	118
1AS0104	201	202	< 1	< 0.01	32	810	2	< 2	3	46	0.04	< 10	< 10	72	< 10	124

CERTIFICATION:

Chemex Labs Ltd.

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 14-SEP-97
Invoice No. :I9741537
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9741537

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
1AS0105	201 202	< 5	0.6	1.29	2	580	0.5	< 2	0.51	2.0	9	21	39	1.85	< 10	< 1	0.07	10	0.35	1055
1AS0106	201 202	< 5	0.6	1.30	< 2	580	< 0.5	< 2	0.45	1.5	11	19	38	1.89	< 10	< 1	0.06	10	0.37	565
1AS0107	201 202	< 5	0.6	1.22	< 2	320	< 0.5	< 2	0.37	< 0.5	7	18	34	1.77	< 10	< 1	0.06	10	0.38	165
1AS0108	201 202	< 5	0.4	1.25	< 2	230	< 0.5	< 2	0.73	1.5	8	17	34	1.64	< 10	< 1	0.06	10	0.43	210
1AS0109	201 202	< 5	0.4	1.90	< 2	450	0.5	< 2	0.41	1.0	37	31	39	2.87	< 10	< 1	0.13	20	0.77	2620
1AS0110	201 202	< 5	0.8	1.52	4	530	0.5	< 2	0.81	1.5	7	27	46	2.28	< 10	< 1	0.08	10	0.44	545
1AS0111	201 202	< 5	0.2	1.69	6	450	0.5	< 2	0.71	0.5	12	21	31	2.83	< 10	< 1	0.21	20	0.62	820
1AS0112	201 202	< 5	0.6	1.55	< 2	450	< 0.5	< 2	0.91	1.0	7	26	31	1.85	< 10	< 1	0.08	10	0.47	340
1AS0114	201 202	< 5	1.2	1.98	2	940	0.5	< 2	0.74	1.0	6	26	39	2.21	< 10	< 1	0.06	10	0.39	1035
1AS0115	201 202	< 5	0.6	1.52	2	330	0.5	< 2	1.07	2.0	9	23	49	1.88	< 10	< 1	0.10	10	0.54	500
1AS0116	201 202	< 5	0.2	1.54	< 2	360	< 0.5	< 2	0.74	1.5	9	24	34	1.82	< 10	< 1	0.13	10	0.55	915
1AS0118	201 202	< 5	0.6	1.63	< 2	380	0.5	< 2	1.04	2.5	12	26	75	2.53	< 10	1	0.11	10	0.60	345
1AS0120	201 202	< 5	0.6	1.52	2	350	0.5	< 2	1.19	4.5	9	26	58	2.19	< 10	< 1	0.15	10	0.61	390
1AS0121	201 202	< 5	0.2	1.50	2	350	0.5	< 2	1.09	6.0	10	25	58	2.19	< 10	< 1	0.14	10	0.56	715
1AS0122	201 202	< 5	0.2	1.31	6	320	0.5	< 2	0.79	7.0	11	24	76	2.44	< 10	< 1	0.15	10	0.55	565
1AS0123	201 202	< 5	0.2	1.30	4	270	0.5	< 2	0.82	6.5	10	23	46	2.16	< 10	< 1	0.09	10	0.53	1105
1AS0124	201 202	< 5	0.2	1.19	< 2	280	0.5	< 2	0.79	8.5	12	22	59	2.59	< 10	< 1	0.09	10	0.54	1180
1AS0125	201 202	< 5	< 0.2	1.21	< 2	250	< 0.5	< 2	1.27	0.5	16	33	31	3.22	< 10	< 1	0.11	10	0.68	315
1AS0126	201 202	< 5	< 0.2	1.44	2	270	0.5	< 2	1.55	1.0	23	45	43	3.92	< 10	< 1	0.11	10	0.71	465
1AS0127	201 202	< 5	< 0.2	1.25	< 2	230	< 0.5	< 2	1.40	0.5	17	36	34	2.99	< 10	< 1	0.11	10	0.67	345
1AS0128	201 202	< 5	0.2	1.62	< 2	310	0.5	< 2	1.83	1.5	19	48	39	3.54	< 10	< 1	0.16	10	0.75	405
1AS0129	201 202	< 5	0.2	1.42	< 2	250	< 0.5	< 2	2.18	0.5	15	38	38	3.12	< 10	< 1	0.15	10	0.62	295
2AS0040	201 202	10	0.6	1.77	< 2	870	0.5	< 2	0.89	2.5	9	23	57	2.03	< 10	< 1	0.10	10	0.55	955
2AS0041	201 202	< 5	0.6	1.89	4	850	0.5	< 2	0.67	5.0	9	26	53	2.19	< 10	< 1	0.15	10	0.55	1275
2AS0042	201 202	< 5	0.6	1.39	2	640	< 0.5	< 2	0.44	4.0	9	23	48	2.04	< 10	< 1	0.11	10	0.46	665
2AS0043	201 202	10	1.2	1.11	12	820	0.5	< 2	0.41	2.0	7	28	76	2.54	< 10	< 1	0.11	10	0.27	425
2AS0044	201 202	< 5	0.6	1.27	< 2	590	< 0.5	< 2	0.47	2.0	7	23	42	1.86	< 10	< 1	0.09	10	0.40	460
2AS0045	201 202	< 5	0.6	1.34	< 2	590	< 0.5	< 2	0.58	2.5	10	22	51	2.25	< 10	1	0.09	10	0.46	525
2AS0046	201 202	10	0.6	1.25	8	670	0.5	< 2	0.61	3.5	15	19	65	2.63	< 10	< 1	0.09	10	0.45	1460
2AS0047	201 202	< 5	0.6	1.17	< 2	540	< 0.5	< 2	0.66	3.0	12	18	54	2.15	< 10	< 1	0.08	10	0.41	870
2AS0048	201 202	< 5	0.4	1.04	8	530	< 0.5	< 2	0.47	2.5	12	17	58	2.39	< 10	< 1	0.07	< 10	0.39	1005
2AS0049	201 202	5	0.6	1.05	< 2	520	< 0.5	< 2	0.55	4.0	11	17	55	2.34	< 10	< 1	0.08	< 10	0.39	905
2AS0051	201 202	5	0.6	1.22	10	560	0.5	< 2	0.73	14.0	15	21	66	2.83	< 10	< 1	0.11	10	0.40	2860
2AS0053	201 202	< 5	1.0	1.34	6	620	0.5	< 2	0.89	20.5	12	28	72	2.70	< 10	< 1	0.12	10	0.42	1945
2AS0054	201 202	< 5	0.8	1.43	16	700	0.5	< 2	0.81	20.0	18	28	80	3.25	< 10	< 1	0.16	10	0.45	2360
2AS0055	201 202	< 5	1.2	1.23	14	550	0.5	< 2	0.91	22.5	12	34	74	2.99	< 10	< 1	0.18	10	0.36	1525
2AS0056	201 202	10	1.2	1.20	22	590	0.5	< 2	0.80	20.5	16	31	83	3.29	< 10	< 1	0.16	10	0.37	2320
2AS0058	201 202	< 5	0.2	1.35	6	530	0.5	< 2	0.95	2.5	15	22	52	3.16	< 10	< 1	0.14	10	0.65	1950
2AS0059	201 202	< 5	1.6	1.08	14	560	0.5	< 2	0.93	10.5	10	30	67	2.35	< 10	< 1	0.12	10	0.34	865
2AS0060	201 202	15	1.0	1.10	< 2	520	< 0.5	< 2	0.79	9.0	8	28	54	2.04	< 10	< 1	0.11	10	0.36	560

CERTIFICATION:

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Account :PHY

CERTIFICATE OF ANALYSIS A9741537

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
1AS0105	201	202	1	< 0.01	36	990	2	< 2	3	57	0.01	< 10	< 10	55	< 10	134
1AS0106	201	202	< 1	< 0.01	30	950	2	2	3	48	0.01	< 10	< 10	41	< 10	144
1AS0107	201	202	< 1	< 0.01	26	880	4	< 2	3	45	0.01	< 10	< 10	36	< 10	106
1AS0108	201	202	< 1	< 0.01	27	870	< 2	< 2	2	68	0.01	< 10	< 10	31	< 10	126
1AS0109	201	202	1	< 0.01	28	1390	10	< 2	3	52	0.01	< 10	< 10	50	< 10	124
1AS0110	201	202	4	< 0.01	33	890	6	< 2	3	76	0.03	< 10	< 10	130	< 10	170
1AS0111	201	202	< 1	< 0.01	30	860	6	< 2	4	57	0.01	< 10	< 10	42	< 10	158
1AS0112	201	202	< 1	< 0.01	25	960	< 2	< 2	3	69	0.03	< 10	< 10	78	< 10	110
1AS0114	201	202	< 1	< 0.01	35	1110	2	< 2	2	76	0.03	< 10	< 10	67	< 10	106
1AS0115	201	202	< 1	< 0.01	35	1010	2	2	3	90	0.02	< 10	< 10	45	< 10	150
1AS0116	201	202	< 1	< 0.01	33	840	2	< 2	3	75	0.02	< 10	< 10	49	< 10	142
1AS0118	201	202	< 1	< 0.01	48	1080	66	< 2	4	90	0.02	< 10	< 10	51	< 10	368
1AS0120	201	202	1	< 0.01	40	1130	88	< 2	3	91	0.01	< 10	< 10	53	< 10	780
1AS0121	201	202	< 1	< 0.01	39	1000	76	2	4	85	0.01	< 10	< 10	51	< 10	816
1AS0122	201	202	1	< 0.01	46	1260	126	< 2	3	69	0.01	< 10	< 10	49	< 10	1100
1AS0123	201	202	< 1	< 0.01	37	970	78	< 2	3	66	0.03	< 10	< 10	43	< 10	954
1AS0124	201	202	1	< 0.01	42	1120	116	< 2	3	68	0.01	< 10	< 10	43	< 10	1180
1AS0125	201	202	< 1	< 0.01	56	1700	< 2	2	3	87	0.03	< 10	< 10	47	< 10	180
1AS0126	201	202	< 1	< 0.01	86	1620	2	< 2	4	87	0.03	< 10	< 10	48	< 10	184
1AS0127	201	202	< 1	< 0.01	61	1510	< 2	< 2	4	77	0.04	< 10	< 10	48	< 10	168
1AS0128	201	202	< 1	< 0.01	75	1470	< 2	2	5	90	0.08	< 10	< 10	58	< 10	164
1AS0129	201	202	< 1	< 0.01	58	1460	< 2	< 2	4	91	0.05	< 10	< 10	54	< 10	152
2AS0040	201	202	< 1	< 0.01	34	1310	2	< 2	3	72	0.01	< 10	< 10	51	< 10	170
2AS0041	201	202	< 1	< 0.01	38	1190	2	2	3	65	0.02	< 10	< 10	79	< 10	266
2AS0042	201	202	6	< 0.01	34	1110	6	2	3	47	0.02	< 10	< 10	96	< 10	234
2AS0043	201	202	6	< 0.01	41	910	10	< 2	3	96	0.01	< 10	< 10	121	< 10	184
2AS0044	201	202	3	< 0.01	33	890	2	2	3	53	0.03	< 10	< 10	85	< 10	210
2AS0045	201	202	2	< 0.01	47	920	6	< 2	3	63	0.02	< 10	< 10	70	< 10	260
2AS0046	201	202	4	< 0.01	61	1010	6	< 2	3	69	0.01	< 10	< 10	67	< 10	286
2AS0047	201	202	3	< 0.01	45	1100	2	< 2	3	68	0.01	< 10	< 10	55	< 10	246
2AS0048	201	202	4	< 0.01	50	890	4	< 2	3	58	< 0.01	< 10	< 10	53	< 10	246
2AS0049	201	202	4	< 0.01	49	990	4	2	3	62	0.01	< 10	< 10	59	< 10	356
2AS0051	201	202	15	< 0.01	135	1180	4	6	3	80	0.01	< 10	< 10	120	< 10	1345
2AS0053	201	202	11	< 0.01	218	1280	6	6	3	98	0.01	< 10	< 10	155	< 10	2860
2AS0054	201	202	12	< 0.01	221	1320	6	< 2	3	96	0.01	< 10	< 10	168	< 10	3120
2AS0055	201	202	8	< 0.01	211	1620	8	4	3	186	0.01	< 10	< 10	178	< 10	3190
2AS0056	201	202	13	< 0.01	199	1520	2	2	3	150	0.01	< 10	< 10	184	< 10	2940
2AS0058	201	202	1	< 0.01	58	1060	< 2	< 2	3	78	0.03	< 10	< 10	56	< 10	330
2AS0059	201	202	8	< 0.01	93	1250	6	2	3	100	0.01	< 10	< 10	187	< 10	1040
2AS0060	201	202	5	< 0.01	95	990	< 2	2	3	89	0.01	< 10	< 10	140	< 10	1330

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 14-SEP-97
Invoice No. :I9741537
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9741537

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
2AS0061	201	202	< 5	1.2	0.98	14	510	0.5	< 2	0.69	9.0	9	28	56	2.22	< 10	< 1	0.11	10	0.31	730
2AS0062	201	202	5	1.0	1.04	8	500	0.5	< 2	0.73	8.5	9	26	59	2.03	< 10	< 1	0.09	10	0.35	555
2AS0063	201	202	10	1.2	1.02	10	420	< 0.5	< 2	0.74	6.0	10	26	59	2.24	< 10	< 1	0.09	10	0.37	515
2AS0065	201	202	< 5	1.2	0.96	14	410	0.5	< 2	1.07	8.0	10	26	71	2.25	< 10	< 1	0.10	10	0.44	790
2AS0066	201	202	< 5	1.0	1.10	6	480	0.5	< 2	0.81	7.0	10	27	65	2.48	< 10	< 1	0.11	10	0.45	760
2AS0067	201	202	< 5	0.6	1.26	14	480	0.5	< 2	0.57	3.5	16	24	59	2.97	< 10	< 1	0.13	10	0.44	1080
2AS0068	201	202	< 5	1.0	1.18	< 2	440	0.5	< 2	1.02	5.5	9	27	62	2.14	< 10	1	0.12	10	0.47	680
2AS0069	201	202	< 5	1.0	1.11	10	480	0.5	< 2	0.96	5.0	9	29	62	2.17	< 10	< 1	0.12	10	0.44	665
2AS0070	201	202	< 5	1.0	1.11	16	870	0.5	< 2	0.86	23.0	56	25	73	2.78	< 10	1	0.16	10	0.48	>10000
2AS0071	201	202	< 5	1.0	1.24	6	520	0.5	< 2	1.18	6.5	10	27	70	2.28	< 10	< 1	0.13	10	0.52	690
2AS0072	201	202	< 5	1.0	1.17	12	480	0.5	< 2	0.95	7.0	12	27	70	2.47	< 10	< 1	0.14	10	0.48	1090
2AS0073	201	202	< 5	1.0	1.18	6	530	0.5	< 2	0.86	4.5	10	27	64	2.27	< 10	< 1	0.12	10	0.54	955
2AS0074	201	202	< 5	0.2	0.99	< 2	530	< 0.5	< 2	0.65	1.0	8	17	48	2.08	< 10	< 1	0.13	10	0.39	595
2AS0075	201	202	10	0.6	1.15	10	580	0.5	< 2	0.84	11.5	15	23	58	2.53	< 10	< 1	0.15	10	0.48	4860
3AS0024	201	202	15	0.8	1.38	14	700	0.5	< 2	0.39	1.5	10	21	50	2.27	< 10	< 1	0.15	10	0.39	525
3AS0025	201	202	< 5	< 0.2	1.90	< 2	720	0.5	< 2	0.65	0.5	8	22	29	1.76	< 10	< 1	0.21	10	0.99	220
3AS0026	201	202	< 5	0.2	1.65	< 2	610	0.5	< 2	0.60	0.5	8	20	32	1.83	< 10	< 1	0.15	10	0.91	245
3AS0027	201	202	< 5	< 0.2	1.08	< 2	310	< 0.5	< 2	0.67	< 0.5	6	16	14	1.46	< 10	< 1	0.08	< 10	0.57	235
3AS0028	201	202	< 5	0.2	1.24	< 2	440	< 0.5	< 2	0.76	0.5	8	17	30	1.65	< 10	< 1	0.09	< 10	0.63	330
3AS0029	201	202	10	0.4	1.36	2	480	0.5	< 2	0.63	3.0	9	20	42	2.34	< 10	< 1	0.08	10	0.53	360
3AS0030	201	202	< 5	0.6	1.56	< 2	410	0.5	< 2	0.68	4.5	10	25	44	2.33	< 10	< 1	0.11	10	0.48	685
3AS0031	201	202	< 5	< 0.2	1.54	< 2	480	0.5	< 2	0.55	1.5	8	22	30	2.07	< 10	< 1	0.16	10	0.65	265
3AS0032	201	202	< 5	< 0.2	1.59	< 2	470	0.5	< 2	0.67	1.5	8	24	31	2.05	< 10	< 1	0.17	10	0.67	280
3AS0033	201	202	< 5	0.2	1.54	< 2	470	0.5	< 2	0.63	1.5	9	21	32	2.16	< 10	< 1	0.16	10	0.71	310
3AS0035	201	202	< 5	< 0.2	1.66	2	480	0.5	< 2	0.70	1.5	9	24	34	2.20	< 10	< 1	0.18	10	0.73	315
3AS0037	201	202	< 5	0.2	1.49	< 2	480	0.5	< 2	0.69	1.0	9	22	34	2.05	< 10	< 1	0.13	10	0.67	360
3AS0039	201	202	< 5	0.2	1.59	< 2	490	0.5	< 2	0.90	2.0	9	23	40	2.30	< 10	< 1	0.15	10	0.74	440
3AS0040	201	202	< 5	< 0.2	1.48	2	470	0.5	< 2	0.62	1.0	9	21	31	2.27	< 10	< 1	0.14	10	0.70	345
3AS0041	201	202	< 5	0.2	1.44	< 2	460	0.5	< 2	0.68	1.5	10	20	36	2.51	< 10	< 1	0.13	10	0.71	515
3AS0042	201	202	< 5	< 0.2	1.36	< 2	430	0.5	< 2	0.68	1.5	9	19	34	2.37	< 10	< 1	0.11	10	0.66	465
3AS0043	201	202	< 5	< 0.2	1.13	< 2	380	< 0.5	< 2	0.76	2.5	8	17	35	2.11	< 10	< 1	0.08	10	0.57	350
3AS0044	201	202	< 5	< 0.2	1.13	2	350	< 0.5	< 2	0.74	2.5	8	17	35	2.12	< 10	< 1	0.07	10	0.59	365
3AS0045	201	202	< 5	0.2	1.06	2	370	< 0.5	< 2	0.57	2.0	8	17	36	2.18	< 10	< 1	0.08	10	0.50	290

CERTIFICATION: Ian A Bradley

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
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To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 14-SEP-97
Invoice No. :I9741537
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9741537

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
2AS0061	201	202	6	< 0.01	90	980	2	6	3	88	0.01	< 10	< 10	162	< 10	1140
2AS0062	201	202	6	< 0.01	86	990	2	2	3	85	0.01	< 10	< 10	138	< 10	1100
2AS0063	201	202	6	< 0.01	80	1140	2	2	3	85	0.01	< 10	< 10	132	< 10	886
2AS0065	201	202	8	< 0.01	92	1210	6	2	3	107	< 0.01	< 10	< 10	152	< 10	956
2AS0066	201	202	7	< 0.01	96	1330	6	2	3	101	0.01	< 10	< 10	151	< 10	1145
2AS0067	201	202	6	< 0.01	63	1100	8	2	3	80	0.01	< 10	< 10	90	< 10	572
2AS0068	201	202	5	< 0.01	88	1230	6	< 2	3	103	0.01	< 10	< 10	136	< 10	856
2AS0069	201	202	6	< 0.01	76	1120	4	4	3	96	0.01	< 10	< 10	162	< 10	822
2AS0070	201	202	47	< 0.01	632	1320	2	8	3	129	< 0.01	< 10	< 10	180	< 10	5130
2AS0071	201	202	4	< 0.01	93	1170	4	2	3	118	0.02	< 10	< 10	124	< 10	1020
2AS0072	201	202	6	< 0.01	99	1300	8	< 2	3	106	0.01	< 10	< 10	147	< 10	1105
2AS0073	201	202	5	< 0.01	71	1220	6	2	3	97	0.01	< 10	< 10	139	< 10	772
2AS0074	201	202	3	< 0.01	34	1230	2	< 2	3	89	0.01	< 10	< 10	48	< 10	146
2AS0075	201	202	15	< 0.01	159	1280	4	4	3	109	0.01	< 10	< 10	119	< 10	1510
3AS0024	201	202	3	< 0.01	31	1330	6	< 2	3	74	0.01	< 10	< 10	99	< 10	240
3AS0025	201	202	< 1	< 0.01	20	900	< 2	2	3	48	< 0.01	< 10	< 10	43	< 10	122
3AS0026	201	202	< 1	< 0.01	23	900	2	< 2	3	49	< 0.01	< 10	< 10	38	< 10	142
3AS0027	201	202	< 1	< 0.01	17	730	< 2	< 2	2	41	0.01	< 10	< 10	21	< 10	72
3AS0028	201	202	< 1	< 0.01	22	880	< 2	< 2	3	66	< 0.01	< 10	< 10	34	< 10	140
3AS0029	201	202	1	< 0.01	41	1080	4	< 2	3	67	0.01	< 10	< 10	57	< 10	268
3AS0030	201	202	3	< 0.01	46	1040	2	2	3	68	0.02	< 10	< 10	83	< 10	270
3AS0031	201	202	< 1	< 0.01	31	930	2	< 2	3	55	0.02	< 10	< 10	53	< 10	206
3AS0032	201	202	< 1	< 0.01	33	930	6	< 2	3	60	0.02	< 10	< 10	52	< 10	198
3AS0033	201	202	< 1	< 0.01	32	950	4	< 2	3	60	0.01	< 10	< 10	48	< 10	210
3AS0035	201	202	< 1	< 0.01	34	990	2	< 2	3	61	0.01	< 10	< 10	51	< 10	200
3AS0037	201	202	< 1	< 0.01	32	970	< 2	< 2	3	60	0.01	< 10	< 10	44	< 10	184
3AS0039	201	202	< 1	< 0.01	35	1020	2	< 2	3	73	0.01	< 10	< 10	46	< 10	200
3AS0040	201	202	< 1	< 0.01	31	970	2	< 2	3	60	< 0.01	< 10	< 10	43	< 10	184
3AS0041	201	202	< 1	< 0.01	34	970	< 2	< 2	3	64	< 0.01	< 10	< 10	42	< 10	192
3AS0042	201	202	< 1	< 0.01	33	980	< 2	2	3	61	< 0.01	< 10	< 10	40	< 10	192
3AS0043	201	202	1	< 0.01	33	990	< 2	< 2	3	63	< 0.01	< 10	< 10	35	< 10	192
3AS0044	201	202	< 1	< 0.01	33	950	< 2	< 2	3	58	< 0.01	< 10	< 10	35	< 10	184
3AS0045	201	202	3	< 0.01	37	910	2	< 2	3	55	< 0.01	< 10	< 10	43	< 10	214

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9741538

Comments: ATTN: GEORGE NICHOLSON

CERTIFICATE A9741538

(PHY) - INTERNATIONAL KODIAK RESOURCES INC.

Project:
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 13-SEP-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	2	Geochem ring to approx 150 mesh
226	2	0-3 Kg crush and split
3202	2	Rock - save entire reject
229	2	ICP - AQ Digestion charge

* NOTE 1:

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

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	2	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	2	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	2	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	2	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	2	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	2	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	2	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	2	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	2	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	2	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	2	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	2	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	2	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	2	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	2	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	2	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	2	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	2	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	2	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	2	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	2	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	2	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	2	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	2	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	2	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	2	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	2	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	2	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	2	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	2	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	2	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	2	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	2	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

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To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Page Number : 1-A
Total Pages : 1
Certificate Date: 13-SEP-97
Invoice No. : I9741538
P.O. Number :
Account : PHY

CERTIFICATE OF ANALYSIS A9741538

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
97-0083	205	226	< 5	< 0.2	0.78	< 2	330	< 0.5	< 2	0.02	< 0.5	3	166	29	1.65	< 10	< 1	0.09	< 10	0.50	150
10D R-0110	205	226	< 5	< 0.2	0.58	< 2	220	< 0.5	< 2	0.02	< 0.5	7	366	38	1.14	< 10	< 1	0.04	< 10	0.20	590

CERTIFICATION: _____

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Account :PHY

CERTIFICATE OF ANALYSIS A9741538

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
D7-0083	205	226	< 1	< 0.01	14	80	< 2	2	1	10	< 0.01	< 10	< 10	15	< 10	38
10D R-0110	205	226	< 1	0.01	40	170	< 2	< 2	1	8	< 0.01	< 10	< 10	11	< 10	46

CERTIFICATION:_____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9741544

Comments: ATTN: GEORGE NICHOLSON

CERTIFICATE A9741544

(PHY) - INTERNATIONAL KODIAK RESOURCES INC.

Project:
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 14-SEP-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	219	Dry, sieve to -80 mesh
202	219	save reject
229	219	ICP - AQ Digestion charge
* NOTE	1:	

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

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	216	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2118	219	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	219	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	219	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	219	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	219	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	219	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	219	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	219	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	219	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	219	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	219	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	219	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	219	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	219	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	219	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	219	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	219	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	219	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	219	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	219	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	219	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	219	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	219	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	219	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	219	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	219	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	219	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	219	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	219	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	219	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	219	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	219	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

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To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 14-SEP-97
Invoice No. :I9741544
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9741544

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
2DS-0078	201	202	< 5	0.2	1.75	12	440	0.5	< 2	0.53	1.5	13	27	36	2.45	< 10	< 1	0.14	10	0.47	1000
2DS-0079	201	202	< 5	0.4	1.76	14	450	0.5	< 2	0.44	1.5	11	32	56	2.92	< 10	< 1	0.11	10	0.45	760
2DS-0080	201	202	< 5	< 0.2	1.54	12	660	0.5	< 2	0.68	7.5	25	23	68	2.55	< 10	< 1	0.16	< 10	0.38	3660
2DS-0082	201	202	< 5	0.2	1.87	14	610	0.5	< 2	0.53	5.0	20	27	61	2.87	< 10	< 1	0.11	10	0.46	2740
2DS-0083	201	202	< 5	< 0.2	1.55	16	690	0.5	< 2	0.12	< 0.5	11	26	44	2.89	< 10	< 1	0.10	10	0.41	1120
2DS-0084	201	202	< 5	< 0.2	1.81	14	670	0.5	< 2	0.57	3.5	17	28	56	2.84	< 10	< 1	0.11	10	0.46	2410
2DS-0085	201	202	< 5	< 0.2	1.77	10	390	0.5	< 2	0.35	1.0	11	27	37	2.44	< 10	< 1	0.12	10	0.46	865
2DS-0086	201	202	< 5	0.2	2.09	20	780	0.5	< 2	0.54	3.5	21	33	69	3.52	< 10	< 1	0.16	10	0.49	2850
2DS-0087	201	202	< 5	< 0.2	1.90	8	600	0.5	< 2	0.57	2.0	12	30	45	2.53	< 10	< 1	0.13	10	0.50	1335
2DS-0088	201	202	< 5	0.2	1.87	10	600	0.5	< 2	0.58	2.5	12	30	47	2.44	< 10	< 1	0.14	10	0.50	1125
2DS-0089	201	202	< 5	0.4	1.64	10	500	0.5	< 2	0.67	2.0	13	26	52	2.39	< 10	< 1	0.14	10	0.49	1670
2DS-0090	201	202	< 5	< 0.2	1.54	8	350	< 0.5	< 2	0.30	< 0.5	8	25	25	2.11	< 10	< 1	0.08	10	0.42	335
2DS-0091	201	202	< 5	0.4	1.80	16	730	0.5	< 2	0.54	3.5	16	29	59	2.94	< 10	< 1	0.19	10	0.48	2240
2DS-0092	201	202	< 5	0.2	1.51	10	630	0.5	< 2	0.76	2.5	11	27	47	2.20	< 10	< 1	0.15	10	0.46	1480
2DS-0093	201	202	not/ss	0.6	1.79	20	970	0.5	< 2	0.39	3.5	23	32	93	4.33	< 10	< 1	0.26	10	0.43	3570
2DS-0094	201	202	< 5	0.2	1.72	8	660	0.5	< 2	0.66	1.5	11	30	45	2.13	< 10	< 1	0.14	10	0.47	780
2DS-0095	201	202	< 5	0.2	1.62	6	610	0.5	< 2	0.56	1.5	9	30	43	2.16	< 10	< 1	0.13	10	0.45	705
2DS-0096	201	202	< 5	0.2	1.36	6	550	< 0.5	< 2	0.39	0.5	7	25	34	1.75	< 10	< 1	0.11	10	0.37	435
2DS-0097	201	202	< 5	0.2	1.12	8	440	< 0.5	< 2	0.85	0.5	7	20	26	1.61	< 10	< 1	0.09	< 10	0.43	785
2DS-0098	201	202	< 5	0.6	1.25	8	520	< 0.5	< 2	0.56	0.5	6	25	31	1.51	< 10	< 1	0.08	10	0.38	295
2DS-0099	201	202	15	0.2	1.39	8	530	< 0.5	< 2	0.39	0.5	7	27	34	1.85	< 10	< 1	0.11	10	0.37	540
2DS-0100	201	202	< 5	0.2	1.50	10	920	0.5	< 2	0.67	2.0	22	27	54	2.70	< 10	< 1	0.16	10	0.42	3350
2DS-0101	201	202	< 5	0.6	1.80	20	380	< 0.5	< 2	0.10	< 0.5	6	30	34	4.26	< 10	< 1	0.17	10	0.30	445
2DS-0102	201	202	< 5	0.2	1.56	10	700	0.5	< 2	0.59	2.0	9	31	48	2.13	< 10	< 1	0.16	10	0.43	860
2DS-0103	201	202	< 5	0.2	1.48	8	600	0.5	< 2	0.59	1.5	8	29	41	1.92	< 10	< 1	0.13	10	0.43	695
2DS-0104	201	202	< 5	0.2	1.19	4	300	< 0.5	< 2	0.35	< 0.5	5	23	24	1.57	< 10	< 1	0.08	10	0.39	230
2DS-0105	201	202	< 5	0.2	1.60	10	650	0.5	< 2	0.56	2.0	11	32	47	2.26	< 10	< 1	0.15	10	0.46	1215
2DS-0106	201	202	< 5	0.2	1.45	4	560	< 0.5	< 2	0.66	1.5	7	29	39	1.80	< 10	< 1	0.15	10	0.45	745
2DS-0107	201	202	< 5	0.4	1.21	6	500	< 0.5	< 2	1.47	2.5	6	24	32	1.41	< 10	< 1	0.11	< 10	0.54	545
2DS-0108	201	202	not/ss	0.6	1.16	4	550	< 0.5	< 2	0.31	0.5	5	19	30	1.21	< 10	< 1	0.11	10	0.16	575
2DS-0109	201	202	not/ss	0.2	1.77	18	860	0.5	< 2	0.47	2.5	24	33	72	3.65	< 10	< 1	0.21	10	0.47	3540
2DS-0110	201	202	< 5	0.2	1.61	14	700	0.5	< 2	0.54	2.0	17	28	60	3.02	< 10	< 1	0.18	10	0.49	2490
2DS-0111	201	202	< 5	< 0.2	1.44	8	190	< 0.5	< 2	0.20	< 0.5	7	24	31	2.33	< 10	< 1	0.10	10	0.49	350
2DS-0112	201	202	< 5	< 0.2	1.47	8	210	< 0.5	< 2	0.18	< 0.5	7	23	31	2.28	< 10	< 1	0.09	10	0.46	380
2DS-0113	201	202	< 5	< 0.2	1.13	4	450	< 0.5	< 2	0.71	< 0.5	7	18	27	1.46	< 10	< 1	0.11	< 10	0.42	405
2DS-0114	201	202	< 5	0.2	1.23	8	450	< 0.5	< 2	0.93	< 0.5	6	19	31	1.82	< 10	< 1	0.10	< 10	0.46	515
2DS-0115	201	202	< 5	0.2	1.42	8	650	0.5	< 2	0.68	2.0	13	27	54	2.34	< 10	< 1	0.14	10	0.47	2230
2DS-0116	201	202	< 5	< 0.2	1.74	2	450	< 0.5	< 2	0.50	< 0.5	7	25	27	1.76	< 10	< 1	0.20	10	0.58	395
2DS-0117	201	202	< 5	< 0.2	1.26	8	240	< 0.5	< 2	0.13	1.0	4	25	20	1.97	< 10	< 1	0.10	10	0.25	410
2DS-0118	201	202	< 5	0.4	1.90	10	420	0.5	< 2	0.24	< 0.5	5	25	32	2.05	< 10	< 1	0.11	10	0.33	415

CERTIFICATION: Stewart Borchers

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
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To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
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V6B 1N2

Project :
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Certificate Date: 14-SEP-97
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CERTIFICATE OF ANALYSIS A9741544

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
2DS-0078	201 202	2	0.01	50	1440	8	2	1	43	0.03	< 10	< 10	52	< 10	152
2DS-0079	201 202	3	0.01	51	1180	8	2	2	47	0.03	< 10	< 10	65	< 10	154
2DS-0080	201 202	3	0.01	195	2440	8	< 2	< 1	56	0.01	< 10	< 10	43	< 10	466
2DS-0082	201 202	3	< 0.01	145	1770	10	2	1	50	0.02	< 10	< 10	55	< 10	350
2DS-0083	201 202	3	< 0.01	24	800	18	2	2	63	0.02	< 10	< 10	52	< 10	72
2DS-0084	201 202	3	< 0.01	102	1490	12	2	1	61	0.02	< 10	< 10	58	< 10	264
2DS-0085	201 202	1	< 0.01	51	1140	12	< 2	1	38	0.03	< 10	< 10	55	< 10	158
2DS-0086	201 202	5	< 0.01	123	1590	14	2	3	65	0.03	< 10	< 10	76	< 10	370
2DS-0087	201 202	3	< 0.01	80	1320	10	< 2	1	57	0.03	< 10	< 10	59	< 10	262
2DS-0088	201 202	2	0.01	81	1350	10	2	1	58	0.02	< 10	< 10	60	< 10	282
2DS-0089	201 202	3	0.01	66	1490	6	2	1	67	0.02	< 10	< 10	56	< 10	196
2DS-0090	201 202	1	< 0.01	25	950	8	< 2	1	30	0.03	< 10	< 10	51	< 10	64
2DS-0091	201 202	4	0.01	88	1560	10	2	2	59	0.02	< 10	< 10	67	< 10	296
2DS-0092	201 202	3	0.01	74	1350	8	2	1	69	0.02	< 10	< 10	55	< 10	242
2DS-0093	201 202	7	0.01	121	1420	16	2	4	83	0.01	< 10	< 10	86	< 10	352
2DS-0094	201 202	1	0.01	62	1180	10	2	2	64	0.02	< 10	< 10	58	< 10	228
2DS-0095	201 202	2	< 0.01	50	1070	12	< 2	2	60	0.02	< 10	< 10	60	< 10	188
2DS-0096	201 202	1	< 0.01	40	820	10	< 2	2	45	0.02	< 10	< 10	54	< 10	150
2DS-0097	201 202	2	0.01	26	930	6	< 2	1	73	0.01	< 10	< 10	42	< 10	112
2DS-0098	201 202	1	< 0.01	31	850	10	< 2	2	63	0.01	< 10	< 10	48	< 10	146
2DS-0099	201 202	1	< 0.01	35	890	8	< 2	1	45	0.02	< 10	< 10	57	< 10	148
2DS-0100	201 202	4	< 0.01	60	1220	12	2	1	69	0.02	< 10	< 10	65	< 10	228
2DS-0101	201 202	6	< 0.01	16	830	22	2	2	33	0.03	< 10	< 10	79	< 10	74
2DS-0102	201 202	3	< 0.01	57	1170	8	2	2	66	0.02	< 10	< 10	66	< 10	238
2DS-0103	201 202	2	< 0.01	48	1020	10	< 2	2	62	0.02	< 10	< 10	63	< 10	214
2DS-0104	201 202	< 1	0.01	20	760	8	< 2	2	33	0.04	< 10	< 10	43	< 10	48
2DS-0105	201 202	3	< 0.01	56	1060	8	2	3	62	0.03	< 10	< 10	68	< 10	220
2DS-0106	201 202	2	0.01	44	1150	10	2	2	64	0.03	< 10	< 10	59	< 10	192
2DS-0107	201 202	1	0.01	35	1090	8	< 2	1	108	0.02	< 10	< 10	50	< 10	156
2DS-0108	201 202	1	0.02	22	1530	8	< 2	< 1	34	0.02	< 10	< 10	36	< 10	76
2DS-0109	201 202	8	< 0.01	101	1280	16	< 2	4	72	0.01	< 10	< 10	87	< 10	322
2DS-0110	201 202	6	< 0.01	75	1340	14	2	3	66	0.02	< 10	< 10	68	< 10	246
2DS-0111	201 202	1	< 0.01	20	840	10	< 2	2	25	0.03	< 10	< 10	43	< 10	74
2DS-0112	201 202	1	< 0.01	20	850	10	< 2	1	24	0.02	< 10	< 10	41	< 10	72
2DS-0113	201 202	1	< 0.01	22	1160	6	< 2	< 1	65	0.01	< 10	< 10	35	< 10	68
2DS-0114	201 202	2	< 0.01	21	1120	6	2	1	74	0.01	< 10	< 10	38	< 10	96
2DS-0115	201 202	4	< 0.01	62	1240	10	2	2	69	0.02	< 10	< 10	59	< 10	214
2DS-0116	201 202	1	< 0.01	19	970	8	2	3	47	0.03	< 10	< 10	51	< 10	94
2DS-0117	201 202	1	< 0.01	15	770	10	< 2	1	22	0.02	< 10	< 10	56	< 10	62
2DS-0118	201 202	1	0.01	27	1250	10	< 2	1	33	0.02	< 10	< 10	50	< 10	76

CERTIFICATION:

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SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
2DS-0119	201	202	< 5	< 0.2	0.65	4	270	< 0.5	< 2	0.74	< 0.5	4	12	19	1.02	< 10	< 1	0.07	< 10	0.23	750
2DS-0120	201	202	< 5	0.2	0.76	< 2	310	< 0.5	< 2	1.23	< 0.5	6	12	25	0.92	< 10	< 1	0.06	< 10	0.29	735
4DS-0067	201	202	< 5	0.4	1.61	10	720	< 0.5	< 2	0.11	< 0.5	7	32	55	2.56	< 10	< 1	0.11	10	0.35	395
4DS-0068	201	202	< 5	0.2	1.49	8	630	< 0.5	< 2	0.09	0.5	5	30	59	2.23	< 10	< 1	0.10	10	0.31	175
4DS-0069	201	202	< 5	0.6	1.42	8	670	< 0.5	< 2	0.10	0.5	5	32	61	2.26	< 10	< 1	0.10	10	0.32	225
4DS-0070	201	202	< 5	1.6	1.05	12	830	< 0.5	< 2	0.08	0.5	3	36	54	1.96	< 10	1	0.10	< 10	0.20	190
4DS-0071	201	202	< 5	5.2	1.15	16	2290	< 0.5	< 2	0.07	1.0	3	64	58	1.87	< 10	4	0.09	10	0.14	185
4DS-0072	201	202	< 5	2.6	1.09	14	1520	< 0.5	< 2	0.07	0.5	3	35	61	1.91	< 10	4	0.09	10	0.19	100
4DS-0073	201	202	< 5	4.6	1.33	6	990	< 0.5	< 2	0.23	0.5	3	35	36	1.77	< 10	4	0.05	10	0.17	55
4DS-0074	201	202	< 5	2.4	1.18	12	960	< 0.5	< 2	0.20	0.5	3	40	37	1.81	< 10	1	0.07	10	0.27	80
4DS-0075	201	202	< 5	3.6	1.53	20	940	0.5	< 2	1.18	9.0	8	47	121	2.93	< 10	1	0.19	10	0.57	1000
4DS-0076	201	202	< 5	2.8	1.73	14	760	0.5	< 2	1.25	10.0	9	46	108	3.01	< 10	< 1	0.23	10	0.66	710
4DS-0077	201	202	< 5	0.2	1.92	16	820	0.5	< 2	0.62	5.0	20	29	120	4.54	< 10	< 1	0.28	10	0.67	2380
4DS-0078	201	202	< 5	0.2	1.89	6	740	0.5	< 2	1.05	1.5	6	25	68	2.17	< 10	< 1	0.23	10	0.73	200
4DS-0079	201	202	< 5	0.4	1.03	8	440	0.5	< 2	0.33	0.5	8	21	142	2.27	< 10	< 1	0.22	< 10	0.22	330
4DS-0080	201	202	< 5	2.8	1.47	20	1190	0.5	< 2	0.98	10.5	9	44	98	3.03	< 10	2	0.17	10	0.48	770
4DS-0081	201	202	< 5	0.4	1.54	6	600	0.5	< 2	0.53	< 0.5	7	20	51	2.24	< 10	< 1	0.14	10	0.46	470
4DS-0082	201	202	< 5	0.2	1.14	2	510	< 0.5	< 2	1.52	3.0	5	15	42	1.35	< 10	< 1	0.14	< 10	0.58	735
4DS-0083	201	202	< 5	0.2	1.49	2	580	0.5	< 2	1.50	2.5	7	20	66	1.93	< 10	< 1	0.19	10	0.72	405
4DS-0084	201	202	< 5	1.0	1.31	12	550	0.5	< 2	0.71	2.0	11	19	84	2.36	< 10	< 1	0.14	10	0.38	915
4DS-0085	201	202	< 5	0.4	1.39	6	520	0.5	< 2	1.13	1.0	6	22	55	2.01	< 10	< 1	0.14	10	0.62	410
4DS-0086	201	202	< 5	3.0	1.35	24	900	0.5	< 2	1.15	10.0	8	40	119	2.92	< 10	< 2	0.16	10	0.51	915
4DS-0088	201	202	< 5	3.2	1.40	14	900	0.5	< 2	1.16	10.0	8	39	92	2.68	< 10	1	0.13	10	0.51	815
4DS-0089	201	202	15	3.2	1.41	22	1090	0.5	< 2	0.92	11.0	11	42	112	3.32	< 10	2	0.15	10	0.47	1135
4DS-0090	201	202	< 5	2.8	1.36	16	940	0.5	< 2	1.09	11.5	9	37	92	2.87	< 10	2	0.13	10	0.49	675
4DS-0091	201	202	< 5	2.8	0.90	16	2230	< 0.5	< 2	0.69	4.0	10	38	63	2.90	< 10	3	0.11	10	0.26	545
4DS-0092	201	202	< 5	1.2	0.88	8	840	< 0.5	< 2	0.94	4.0	4	25	59	1.66	< 10	< 1	0.08	< 10	0.27	265
4DS-0093	201	202	< 5	1.0	1.12	10	760	< 0.5	< 2	0.60	2.0	7	25	60	1.91	< 10	1	0.08	10	0.24	585
4DS-0094	201	202	< 5	2.4	1.35	18	980	0.5	< 2	1.00	15.5	12	37	96	3.25	< 10	2	0.14	10	0.45	1205
4DS-0095	201	202	< 5	2.0	1.38	18	910	0.5	< 2	1.11	7.0	11	33	79	3.27	< 10	1	0.13	10	0.49	780
4DS-0096	201	202	< 5	2.0	1.49	20	990	0.5	< 2	0.84	6.0	11	37	83	3.12	< 10	1	0.14	10	0.48	830
4DS-0097	201	202	< 5	1.8	1.24	16	930	0.5	< 2	0.91	7.5	8	31	77	2.96	< 10	< 1	0.12	10	0.42	595
4DS-0098	201	202	10	0.8	0.54	6	630	< 0.5	< 2	0.03	< 0.5	< 1	23	22	1.09	< 10	< 1	0.11	< 10	0.05	15
4DS-0099	201	202	< 5	0.2	1.21	10	310	< 0.5	< 2	0.45	7.5	10	28	36	2.58	< 10	< 1	0.08	10	0.42	665
4DS-0100	201	202	< 5	0.4	1.22	12	280	< 0.5	< 2	0.40	5.5	9	26	30	2.43	< 10	< 1	0.08	10	0.43	625
4DS-0101	201	202	< 5	0.2	1.13	12	300	< 0.5	< 2	0.38	4.0	9	26	33	2.49	< 10	< 1	0.10	10	0.41	520
4DS-0102	201	202	< 5	0.2	1.42	16	500	0.5	< 2	0.20	11.0	33	30	56	7.64	< 10	< 1	0.10	10	0.42	2670
4DS-0103	201	202	5	1.8	1.59	28	1270	0.5	< 2	0.85	11.0	16	43	92	4.23	< 10	1	0.20	10	0.48	1510
4DS-0104	201	202	10	1.2	1.37	12	800	0.5	< 2	0.76	3.5	8	36	69	2.60	< 10	< 1	0.20	10	0.50	700
4DS-0105	201	202	5	1.2	1.19	14	890	0.5	< 2	0.80	3.5	8	30	72	2.72	< 10	< 1	0.16	10	0.44	1070

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 14-SEP-97
Invoice No. :I9741544
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9741544

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
2DS-0119	201	202	1	0.02	14	1010	4	< 2	< 1	62	0.01	< 10	< 10	26	< 10	34
2DS-0120	201	202	< 1	0.02	18	1130	4	< 2	< 1	91	0.01	< 10	< 10	22	< 10	28
4DS-0067	201	202	1	< 0.01	20	750	14	2	3	58	0.03	< 10	< 10	68	< 10	82
4DS-0068	201	202	3	< 0.01	21	720	14	2	3	48	0.03	< 10	< 10	69	< 10	96
4DS-0069	201	202	4	< 0.01	20	810	12	2	2	56	0.02	< 10	< 10	95	< 10	86
4DS-0070	201	202	9	< 0.01	15	1150	16	2	< 1	77	0.01	< 10	< 10	173	< 10	56
4DS-0071	201	202	15	< 0.01	19	2070	16	4	< 1	206	0.01	< 10	< 10	368	< 10	116
4DS-0072	201	202	14	< 0.01	24	1210	14	2	1	128	0.01	< 10	< 10	222	< 10	92
4DS-0073	201	202	5	< 0.01	37	1380	10	2	1	82	0.01	< 10	< 10	130	< 10	64
4DS-0074	201	202	10	< 0.01	22	1120	8	2	1	86	0.01	< 10	< 10	206	< 10	116
4DS-0075	201	202	17	< 0.01	189	2310	14	6	3	131	0.01	< 10	< 10	327	< 10	1160
4DS-0076	201	202	9	< 0.01	117	2080	14	4	3	125	0.01	< 10	< 10	238	< 10	1000
4DS-0077	201	202	7	< 0.01	73	1310	26	2	5	87	0.01	< 10	< 10	83	< 10	464
4DS-0078	201	202	3	< 0.01	37	1940	8	2	1	91	0.01	< 10	< 10	58	< 10	164
4DS-0079	201	202	11	0.01	41	1680	12	2	< 1	29	< 0.01	< 10	< 10	81	< 10	276
4DS-0080	201	202	14	< 0.01	232	2290	12	6	3	133	0.01	< 10	< 10	299	< 10	1970
4DS-0081	201	202	5	< 0.01	29	2010	10	< 2	1	45	0.01	< 10	< 10	55	< 10	148
4DS-0082	201	202	1	< 0.01	23	1890	4	< 2	1	91	0.01	< 10	< 10	28	< 10	136
4DS-0083	201	202	2	0.01	36	1640	8	< 2	2	103	0.01	< 10	< 10	40	< 10	144
4DS-0084	201	202	7	0.01	30	1780	10	< 2	1	79	< 0.01	< 10	< 10	56	< 10	154
4DS-0085	201	202	2	< 0.01	34	1520	8	< 2	2	102	0.01	< 10	< 10	47	< 10	132
4DS-0086	201	202	16	< 0.01	230	2540	12	6	3	145	0.01	< 10	< 10	304	< 10	1500
4DS-0088	201	202	10	< 0.01	239	2060	10	2	2	136	0.01	< 10	< 10	238	< 10	1970
4DS-0089	201	202	17	< 0.01	257	2400	10	4	3	148	0.01	< 10	< 10	319	< 10	1980
4DS-0090	201	202	12	< 0.01	235	2060	12	2	3	136	0.01	< 10	< 10	240	< 10	2020
4DS-0091	201	202	14	< 0.01	65	2140	8	6	2	240	0.01	< 10	< 10	256	< 10	640
4DS-0092	201	202	4	< 0.01	75	1020	10	2	2	178	0.01	< 10	< 10	75	< 10	516
4DS-0093	201	202	3	< 0.01	73	960	14	< 2	2	124	0.01	< 10	< 10	68	< 10	432
4DS-0094	201	202	15	< 0.01	263	2220	12	6	2	138	0.01	< 10	< 10	270	< 10	2090
4DS-0095	201	202	11	< 0.01	221	1890	10	4	2	139	0.01	< 10	< 10	231	< 10	1740
4DS-0096	201	202	12	< 0.01	197	1860	8	4	3	127	0.01	< 10	< 10	246	< 10	1635
4DS-0097	201	202	11	< 0.01	192	1750	10	2	3	127	0.01	< 10	< 10	194	< 10	1620
4DS-0098	201	202	2	< 0.01	7	740	14	< 2	< 1	56	< 0.01	< 10	< 10	92	< 10	12
4DS-0099	201	202	6	< 0.01	175	1220	8	2	3	48	0.03	< 10	< 10	140	< 10	1600
4DS-0100	201	202	5	< 0.01	138	1100	6	< 2	3	42	0.04	< 10	< 10	124	< 10	1290
4DS-0101	201	202	4	< 0.01	106	1040	6	2	3	41	0.04	< 10	< 10	100	< 10	1015
4DS-0102	201	202	9	< 0.01	321	1320	8	2	4	38	0.04	< 10	< 10	205	< 10	3220
4DS-0103	201	202	19	< 0.01	229	2240	8	4	3	154	0.01	< 10	< 10	317	< 10	2120
4DS-0104	201	202	4	0.01	64	1200	14	2	3	113	0.01	< 10	10	124	< 10	516
4DS-0105	201	202	5	0.01	70	1110	12	2	3	117	0.01	< 10	10	110	< 10	502

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To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 14-SEP-97
Invoice No. :I9741544
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9741544

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
4DS-0106	201 202	< 5	1.0	1.20	12	800	0.5	< 2	0.90	7.0	13	30	87	3.62	< 10	< 1	0.16	10	0.51	1610
4DS-0107	201 202	< 5	2.0	1.45	20	950	0.5	< 2	0.98	7.0	10	36	85	3.15	< 10	1	0.15	10	0.47	845
4DS-0108	201 202	< 5	1.8	1.47	16	1140	0.5	< 2	0.73	5.0	9	40	73	3.09	< 10	1	0.18	10	0.46	700
4DS-0109	201 202	10	0.2	0.97	2	490	< 0.5	< 2	1.44	6.5	5	22	49	1.84	< 10	< 1	0.09	< 10	0.47	185
4DS-0110	201 202	5	1.4	1.35	16	870	0.5	< 2	0.78	5.5	10	32	76	3.11	< 10	< 1	0.15	10	0.45	925
4DS-0111	201 202	10	1.2	1.24	16	790	0.5	< 2	0.75	5.5	10	29	72	3.14	< 10	1	0.13	10	0.44	920
4DS-0112	201 202	< 5	1.6	1.22	16	750	0.5	< 2	0.92	6.0	10	29	77	2.90	< 10	1	0.12	10	0.44	960
4DS-0114	201 202	< 5	1.6	1.25	14	750	0.5	< 2	0.98	5.5	11	28	75	2.84	< 10	1	0.12	10	0.47	905
4DS-0115	201 202	< 5	1.4	0.95	14	780	0.5	< 2	0.73	4.5	7	27	65	2.43	< 10	1	0.12	10	0.35	545
4DS-0116	201 202	< 5	1.0	1.19	14	840	0.5	< 2	0.63	5.5	13	28	71	3.29	< 10	< 1	0.14	10	0.41	1020
4DS-0117	201 202	< 5	1.2	1.68	12	930	0.5	< 2	0.71	3.0	24	29	99	3.67	< 10	1	0.12	30	0.38	1320
4DS-0118	201 202	< 5	1.0	1.52	26	1100	0.5	< 2	0.57	7.0	20	34	84	5.09	< 10	< 1	0.23	10	0.50	2520
4DS-0119	201 202	< 5	1.0	1.49	18	1080	0.5	< 2	0.62	4.5	15	34	80	4.21	< 10	< 1	0.21	10	0.48	1515
4DS-0120	201 202	< 5	0.8	1.40	14	810	0.5	< 2	0.77	4.0	10	33	70	2.82	< 10	< 1	0.18	10	0.48	975
4DS-0121	201 202	< 5	0.8	1.22	14	750	0.5	< 2	0.87	7.0	21	29	74	4.07	< 10	< 1	0.17	10	0.43	2030
4DS-0144	201 202	< 5	0.4	1.16	2	300	< 0.5	< 2	1.38	1.5	10	22	38	1.90	< 10	< 1	0.11	10	0.51	1020
4DS-0146	201 202	< 5	0.2	1.34	6	550	< 0.5	< 2	1.32	2.5	19	24	50	2.70	< 10	< 1	0.18	10	0.59	3540
4DS-0147	201 202	< 5	0.2	1.76	12	470	0.5	< 2	1.08	1.5	14	26	62	3.08	< 10	< 1	0.25	10	0.72	2180
4DS-0148	201 202	< 5	0.2	1.85	6	500	0.5	< 2	1.02	1.5	23	28	55	3.60	< 10	< 1	0.19	10	0.66	2850
4DS-0149	201 202	< 5	0.2	1.56	10	420	0.5	< 2	0.88	1.0	13	25	46	2.91	< 10	< 1	0.18	10	0.60	1550
4DS-0150	201 202	< 5	0.2	1.63	6	410	0.5	< 2	1.27	2.0	10	28	47	2.49	< 10	< 1	0.17	10	0.66	985
4DS-0151	201 202	< 5	< 0.2	1.46	6	360	< 0.5	< 2	0.77	0.5	9	24	36	2.21	< 10	< 1	0.16	10	0.54	795
4DS-0152	201 202	< 5	0.2	1.49	6	370	< 0.5	< 2	0.85	0.5	9	24	36	2.18	< 10	< 1	0.15	10	0.63	655
4DS-0153	201 202	< 5	< 0.2	1.38	4	340	< 0.5	< 2	0.78	0.5	8	23	32	2.08	< 10	< 1	0.13	10	0.60	555
4DS-0154	201 202	< 5	< 0.2	1.61	10	440	0.5	< 2	0.73	1.0	11	27	39	2.78	< 10	< 1	0.13	10	0.87	665
4DS-0156	201 202	< 5	< 0.2	1.53	4	430	0.5	< 2	0.74	1.0	10	26	38	2.40	< 10	< 1	0.12	10	0.76	635
4DS-0157	201 202	< 5	< 0.2	1.73	6	460	0.5	< 2	0.78	1.0	11	28	41	2.73	< 10	< 1	0.15	10	0.86	725
4DS-0158	201 202	< 5	0.2	1.87	2	550	0.5	< 2	0.83	1.0	10	29	43	2.57	< 10	< 1	0.18	10	0.80	725
4DS-0159	201 202	< 5	< 0.2	2.06	4	510	0.5	< 2	0.74	1.0	10	32	35	2.70	< 10	< 1	0.22	10	1.00	475
4DS-0160	201 202	< 5	0.2	1.90	8	490	0.5	< 2	1.17	1.5	11	31	47	2.65	< 10	< 1	0.20	10	0.81	890
4DS-0161	201 202	< 5	< 0.2	2.19	6	630	0.5	< 2	0.70	1.5	18	35	42	3.40	< 10	< 1	0.31	10	1.02	1765
4DS-0162	201 202	< 5	< 0.2	1.70	8	470	0.5	< 2	0.84	0.5	9	28	35	2.32	< 10	< 1	0.20	10	0.74	1110
4DS-0163	201 202	< 5	< 0.2	1.63	2	380	0.5	< 2	0.70	0.5	13	27	31	2.68	< 10	< 1	0.17	10	0.75	1055
4DS-0164	201 202	< 5	< 0.2	1.84	< 2	490	0.5	< 2	0.90	1.5	11	30	35	2.53	< 10	< 1	0.20	10	0.79	1790
4DS-0165	201 202	< 5	< 0.2	1.79	6	450	0.5	< 2	0.77	0.5	11	29	31	2.32	< 10	< 1	0.18	10	0.83	595
4DS-0167	201 202	< 5	< 0.2	1.87	6	450	0.5	< 2	1.25	0.5	11	34	35	2.53	< 10	< 1	0.12	10	0.99	865
4DS-0168	201 202	< 5	< 0.2	1.52	2	390	< 0.5	< 2	0.91	0.5	10	25	30	2.29	< 10	< 1	0.12	10	0.75	900
4DS-0169	201 202	25	2.2	1.43	16	530	0.5	< 2	1.28	2.5	12	24	239	3.30	< 10	< 1	0.21	10	0.64	735
4DS-0170	201 202	< 5	< 0.2	1.78	6	470	0.5	< 2	1.00	1.5	12	32	41	2.59	< 10	< 1	0.18	10	0.89	1390
4DS-0171	201 202	< 5	< 0.2	1.98	2	540	0.5	< 2	1.08	0.5	11	37	38	2.63	< 10	< 1	0.17	10	0.97	1040

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4DS-0106	201	202	6	0.01	95	1580	10	2	3	136	< 0.01	< 10	10	106	< 10	808
4DS-0107	201	202	12	< 0.01	165	1840	10	2	2	136	0.01	< 10	< 10	218	< 10	1290
4DS-0108	201	202	11	< 0.01	132	1690	10	2	3	126	0.01	< 10	< 10	233	< 10	1305
4DS-0109	201	202	3	< 0.01	188	1170	6	2	1	116	0.01	< 10	< 10	59	< 10	790
4DS-0110	201	202	10	< 0.01	156	1690	12	2	3	121	0.01	< 10	< 10	184	< 10	1120
4DS-0111	201	202	9	< 0.01	141	1550	12	2	3	112	0.01	< 10	< 10	165	< 10	1120
4DS-0112	201	202	9	< 0.01	161	1580	8	4	2	117	0.01	< 10	< 10	160	< 10	1175
4DS-0114	201	202	8	< 0.01	163	1610	10	2	3	121	0.01	< 10	< 10	147	< 10	1225
4DS-0115	201	202	7	< 0.01	104	1150	10	2	2	105	0.01	< 10	< 10	131	< 10	814
4DS-0116	201	202	9	< 0.01	134	1440	10	2	3	99	0.01	< 10	< 10	148	< 10	1110
4DS-0117	201	202	8	< 0.01	90	1550	10	2	3	111	0.01	< 10	< 10	139	< 10	678
4DS-0118	201	202	15	< 0.01	175	1860	12	4	4	127	0.01	< 10	< 10	210	< 10	1445
4DS-0119	201	202	12	< 0.01	137	1610	12	4	4	113	0.01	< 10	< 10	183	< 10	1130
4DS-0120	201	202	7	< 0.01	121	1350	8	2	3	110	0.01	< 10	< 10	142	< 10	906
4DS-0121	201	202	10	< 0.01	112	1610	8	2	3	116	< 0.01	< 10	< 10	152	< 10	852
4DS-0144	201	202	2	0.01	45	1490	6	2	1	95	0.02	< 10	< 10	32	< 10	184
4DS-0146	201	202	4	< 0.01	74	1350	8	< 2	3	111	0.02	< 10	< 10	45	< 10	270
4DS-0147	201	202	4	< 0.01	56	1560	10	2	4	120	0.02	< 10	< 10	60	< 10	240
4DS-0148	201	202	4	< 0.01	66	1410	12	< 2	4	100	0.03	< 10	< 10	68	< 10	260
4DS-0149	201	202	3	< 0.01	50	1170	8	< 2	3	94	0.02	< 10	< 10	58	< 10	210
4DS-0150	201	202	3	< 0.01	58	1260	8	< 2	3	116	0.03	< 10	< 10	54	< 10	238
4DS-0151	201	202	2	< 0.01	40	1010	8	2	3	78	0.03	< 10	< 10	49	< 10	170
4DS-0152	201	202	1	< 0.01	40	1010	8	2	3	77	0.03	< 10	< 10	45	< 10	162
4DS-0153	201	202	1	< 0.01	32	960	8	< 2	3	72	0.02	< 10	< 10	40	< 10	156
4DS-0154	201	202	1	< 0.01	34	910	10	< 2	4	65	< 0.01	< 10	< 10	44	< 10	174
4DS-0156	201	202	1	< 0.01	32	870	12	< 2	3	64	0.01	< 10	< 10	42	< 10	162
4DS-0157	201	202	2	< 0.01	33	950	12	< 2	4	67	0.01	< 10	< 10	48	< 10	188
4DS-0158	201	202	2	< 0.01	35	1040	10	2	4	66	0.01	< 10	< 10	53	< 10	176
4DS-0159	201	202	1	< 0.01	31	950	10	2	4	59	0.01	< 10	< 10	50	< 10	154
4DS-0160	201	202	2	< 0.01	44	1130	8	< 2	4	99	0.02	< 10	< 10	54	< 10	222
4DS-0161	201	202	3	< 0.01	56	1010	10	< 2	4	70	0.01	< 10	< 10	64	< 10	220
4DS-0162	201	202	2	< 0.01	35	950	8	< 2	4	76	0.03	< 10	< 10	50	< 10	158
4DS-0163	201	202	2	< 0.01	38	920	8	< 2	4	66	0.02	< 10	< 10	46	< 10	168
4DS-0164	201	202	2	0.01	40	1000	10	< 2	4	82	0.02	< 10	< 10	51	< 10	196
4DS-0165	201	202	< 1	< 0.01	35	920	8	2	4	68	0.02	< 10	< 10	45	< 10	158
4DS-0167	201	202	< 1	< 0.01	30	870	8	< 2	5	88	0.02	< 10	< 10	41	< 10	122
4DS-0168	201	202	1	< 0.01	32	890	6	< 2	4	72	0.02	< 10	< 10	38	< 10	142
4DS-0169	201	202	16	< 0.01	98	3390	18	< 2	6	138	< 0.01	< 10	< 10	90	< 10	484
4DS-0170	201	202	2	< 0.01	41	1040	8	< 2	4	80	0.01	< 10	< 10	54	< 10	192
4DS-0171	201	202	1	0.01	37	1030	10	< 2	5	84	0.03	< 10	< 10	53	< 10	150

CERTIFICATION: Stewart Bradley

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 14-SEP-97
Invoice No. :I9741544
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9741544

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
4DS-0172	201	202	< 5	< 0.2	2.16	2	590	0.5	< 2	0.95	1.0	12	40	46	2.94	< 10	< 1	0.23	10	1.05	1180
4DS-0173	201	202	< 5	< 0.2	2.43	10	810	0.5	< 2	0.79	1.5	22	44	59	4.09	10	< 1	0.32	10	1.29	2180
4DS-0174	201	202	< 5	0.2	1.87	8	550	0.5	< 2	1.00	2.0	12	34	43	2.73	< 10	< 1	0.19	10	0.89	1710
4DS-0175	201	202	< 5	0.2	1.81	2	520	0.5	< 2	1.11	2.0	15	31	34	2.88	< 10	< 1	0.18	10	0.85	1740
4DS-0176	201	202	< 5	0.2	1.77	6	480	0.5	< 2	1.08	1.5	10	32	38	2.37	< 10	< 1	0.17	10	0.81	1100
4DS-0177	201	202	< 5	0.4	1.73	10	570	0.5	< 2	1.01	0.5	11	35	54	2.75	< 10	< 1	0.17	10	0.79	780
4DS-0178	201	202	< 5	0.2	1.88	8	600	0.5	< 2	1.18	2.5	12	36	47	2.75	< 10	< 1	0.19	10	0.92	1665
4DS-0179	201	202	< 5	< 0.2	2.20	14	730	0.5	< 2	0.71	3.0	26	40	55	4.43	< 10	< 1	0.27	10	1.21	3630
4DS-0180	201	202	< 5	0.2	1.75	4	480	0.5	< 2	1.11	1.5	11	33	38	2.33	< 10	< 1	0.16	10	0.83	1175
4DS-0181	201	202	< 5	< 0.2	1.69	6	490	0.5	< 2	1.09	1.5	10	31	35	2.29	< 10	< 1	0.17	10	0.81	1125
4DS-0182	201	202	< 5	0.2	1.75	2	510	0.5	< 2	1.10	2.0	12	33	41	2.60	< 10	< 1	0.15	10	0.86	1595
4DS-0183	201	202	< 5	0.2	1.56	2	430	0.5	< 2	1.13	1.5	11	29	38	2.36	< 10	< 1	0.13	10	0.81	925
4DS-0184	201	202	< 5	< 0.2	1.61	4	430	0.5	< 2	0.78	0.5	10	28	36	2.43	< 10	< 1	0.13	10	0.81	715
4DS-0185	201	202	< 5	< 0.2	1.65	6	500	0.5	< 2	0.80	1.5	12	31	36	2.51	< 10	< 1	0.15	10	0.86	1010
4DS-0186	201	202	< 5	< 0.2	1.60	2	410	0.5	< 2	1.05	0.5	12	28	35	2.60	< 10	< 1	0.14	10	0.77	740
4DS-0187	201	202	< 5	< 0.2	2.15	10	840	0.5	< 2	0.66	1.5	22	37	47	4.09	< 10	< 1	0.29	10	1.07	2700
4DS-0189	201	202	< 5	< 0.2	2.15	12	670	0.5	< 2	0.83	1.5	22	37	49	4.32	< 10	< 1	0.29	10	1.10	2380
4DS-0190	201	202	< 5	< 0.2	1.92	6	600	0.5	< 2	1.04	1.0	11	33	38	2.76	< 10	< 1	0.22	10	0.88	1025
4DS-0191	201	202	< 5	< 0.2	1.62	2	450	0.5	< 2	1.12	< 0.5	9	25	27	2.20	< 10	< 1	0.17	10	0.60	435
4DS-0192	201	202	< 5	< 0.2	2.07	8	640	0.5	< 2	0.85	1.5	19	36	45	3.82	< 10	< 1	0.27	10	1.03	2030
4DS-0193	201	202	< 5	< 0.2	1.76	6	590	0.5	< 2	1.07	1.5	12	30	46	2.89	< 10	< 1	0.19	10	0.85	1575
4DS-0194 A	201	202	< 5	< 0.2	1.56	< 2	340	0.5	< 2	1.21	0.5	9	25	43	2.00	< 10	< 1	0.14	10	0.72	170
4DS-0194 B	201	202	< 5	< 0.2	1.79	< 2	280	0.5	< 2	1.58	< 0.5	11	25	18	2.98	< 10	< 1	0.07	10	1.20	280
4DS-0195	201	202	< 5	< 0.2	1.69	< 2	230	0.5	< 2	1.67	< 0.5	9	24	19	2.65	< 10	< 1	0.07	10	1.10	265
4DS-0196	201	202	< 5	< 0.2	1.77	10	300	0.5	< 2	1.88	0.5	14	29	45	3.68	< 10	< 1	0.15	10	1.04	580
4DS-0199	201	202	< 5	< 0.2	1.84	10	340	0.5	< 2	1.01	0.5	13	34	43	3.29	< 10	< 1	0.13	10	1.11	315
4DSS-00123	201	202	20	0.6	1.13	12	540	< 0.5	< 2	0.08	0.5	10	26	87	2.74	< 10	< 1	0.08	< 10	0.17	870
4DSS-00124	201	202	< 5	< 0.2	2.05	10	170	< 0.5	< 2	0.12	< 0.5	9	31	52	3.06	< 10	< 1	0.09	10	0.44	385
4DSS-00126	201	202	< 5	< 0.2	2.37	12	430	0.5	< 2	0.10	< 0.5	15	43	87	3.92	< 10	< 1	0.13	10	0.40	1490
4DSS-00127	201	202	< 5	0.6	1.73	2	860	0.5	< 2	0.09	< 0.5	29	33	86	4.62	< 10	< 1	0.25	10	0.21	4200
4DSS-00129	201	202	< 5	< 0.2	1.51	10	370	< 0.5	< 2	0.11	< 0.5	23	28	46	3.04	< 10	< 1	0.12	10	0.18	1400
4DSS-00131	201	202	< 5	< 0.2	1.89	14	240	< 0.5	< 2	0.10	< 0.5	11	31	36	3.15	< 10	< 1	0.08	10	0.31	605
4DSS-00132	201	202	< 5	< 0.2	2.11	12	190	< 0.5	< 2	0.14	< 0.5	9	32	29	3.15	< 10	< 1	0.07	10	0.44	520
4DSS-00133	201	202	< 5	< 0.2	1.61	12	1500	0.5	< 2	0.04	< 0.5	122	37	363	3.53	< 10	< 1	0.17	10	0.18	>10000
4DSS-00134	201	202	< 5	< 0.2	2.30	10	180	0.5	< 2	0.25	< 0.5	9	28	36	3.18	< 10	< 1	0.08	10	0.42	250
4DSS-00135	201	202	< 5	< 0.2	1.83	10	220	< 0.5	< 2	0.09	< 0.5	9	26	33	3.95	< 10	< 1	0.12	10	0.37	540
4DSS-00136	201	202	< 5	0.2	2.14	38	1410	1.0	< 2	0.28	1.5	19	47	234	6.71	< 10	< 1	0.29	10	0.41	4310
4DSS-00138	201	202	< 5	< 0.2	1.23	18	250	1.0	< 2	0.02	< 0.5	10	38	145	7.27	< 10	1	0.11	< 10	0.10	225
4DSS-00140	201	202	< 5	0.4	1.58	10	400	< 0.5	< 2	0.13	0.5	9	30	46	2.93	< 10	< 1	0.12	10	0.40	885
4DSS-00141	201	202	< 5	0.6	1.43	10	390	0.5	< 2	0.30	4.0	12	25	61	2.87	< 10	< 1	0.19	< 10	0.37	1135

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
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To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 14-SEP-97
Invoice No. :19741544
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9741544

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
4DS-0172	201	202	3	0.01	47	1070	10	2	5	82	0.03	< 10	< 10	71	< 10	214
4DS-0173	201	202	3	0.01	64	1240	14	< 2	5	77	0.01	< 10	< 10	77	< 10	260
4DS-0174	201	202	4	0.01	48	1090	10	2	5	90	0.02	< 10	< 10	75	< 10	266
4DS-0175	201	202	1	< 0.01	44	1060	10	< 2	4	91	0.02	< 10	< 10	56	< 10	270
4DS-0176	201	202	2	0.01	40	1040	8	2	4	82	0.02	< 10	< 10	63	< 10	214
4DS-0177	201	202	3	0.01	44	1070	12	2	4	95	0.02	< 10	< 10	81	< 10	212
4DS-0178	201	202	3	0.01	52	1120	10	2	5	97	0.02	< 10	< 10	77	< 10	292
4DS-0179	201	202	7	< 0.01	79	1170	14	2	4	75	< 0.01	< 10	< 10	93	< 10	332
4DS-0180	201	202	2	0.01	43	980	8	< 2	5	85	0.03	< 10	< 10	61	< 10	238
4DS-0181	201	202	1	0.01	40	990	8	< 2	4	85	0.02	< 10	< 10	59	< 10	224
4DS-0182	201	202	2	0.01	48	1060	10	< 2	4	81	0.01	< 10	< 10	62	< 10	262
4DS-0183	201	202	1	< 0.01	43	1020	8	< 2	4	85	0.01	< 10	< 10	50	< 10	240
4DS-0184	201	202	2	< 0.01	36	930	8	2	4	63	0.01	< 10	< 10	49	< 10	160
4DS-0185	201	202	2	< 0.01	41	980	8	< 2	4	67	0.01	< 10	< 10	58	< 10	200
4DS-0186	201	202	1	< 0.01	40	990	6	< 2	4	82	0.01	< 10	< 10	49	< 10	164
4DS-0187	201	202	4	< 0.01	64	1170	14	2	4	73	< 0.01	< 10	< 10	78	< 10	262
4DS-0189	201	202	4	< 0.01	60	1200	16	2	4	80	0.01	< 10	< 10	77	< 10	248
4DS-0190	201	202	2	< 0.01	40	1020	8	< 2	4	85	0.01	< 10	< 10	62	< 10	194
4DS-0191	201	202	< 1	< 0.01	28	840	8	< 2	4	70	0.01	< 10	< 10	40	< 10	120
4DS-0192	201	202	4	< 0.01	54	1040	12	2	4	78	< 0.01	< 10	< 10	70	< 10	236
4DS-0193	201	202	2	< 0.01	46	1040	10	< 2	4	94	0.01	< 10	< 10	59	< 10	188
4DS-0194 A	201	202	< 1	< 0.01	31	950	8	< 2	4	95	0.01	< 10	< 10	39	< 10	134
4DS-0194 B	201	202	< 1	< 0.01	22	950	12	< 2	4	75	0.13	< 10	< 10	41	< 10	74
4DS-0195	201	202	< 1	< 0.01	19	910	10	< 2	5	80	0.07	< 10	< 10	31	< 10	70
4DS-0196	201	202	1	0.01	34	1270	24	< 2	5	96	0.03	< 10	< 10	44	< 10	140
4DS-0199	201	202	1	0.01	36	1160	26	< 2	5	73	0.08	< 10	< 10	52	< 10	132
4DSS-00123	201	202	7	< 0.01	64	690	12	< 2	2	39	0.03	< 10	< 10	62	< 10	126
4DSS-00124	201	202	1	< 0.01	23	630	12	< 2	3	27	0.05	< 10	< 10	61	< 10	106
4DSS-00126	201	202	1	< 0.01	28	1070	16	2	3	49	0.03	< 10	< 10	84	< 10	132
4DSS-00127	201	202	1	< 0.01	67	1020	20	< 2	4	54	0.01	< 10	< 10	60	< 10	194
4DSS-00129	201	202	1	< 0.01	16	1000	16	< 2	1	36	0.04	< 10	< 10	71	< 10	76
4DSS-00131	201	202	< 1	< 0.01	18	470	14	2	3	25	0.06	< 10	< 10	66	< 10	72
4DSS-00132	201	202	< 1	< 0.01	20	650	10	2	3	20	0.05	< 10	< 10	60	< 10	70
4DSS-00133	201	202	10	< 0.01	89	1120	28	2	9	73	0.01	< 10	< 10	91	< 10	126
4DSS-00134	201	202	4	< 0.01	30	1530	10	2	2	35	0.02	< 10	< 10	61	< 10	96
4DSS-00135	201	202	1	< 0.01	16	400	16	2	3	12	0.06	< 10	< 10	65	< 10	84
4DSS-00136	201	202	20	< 0.01	89	3000	26	4	7	127	< 0.01	< 10	< 10	183	< 10	312
4DSS-00138	201	202	1	< 0.01	24	1020	18	< 2	6	25	< 0.01	< 10	< 10	70	< 10	166
4DSS-00140	201	202	3	< 0.01	25	1140	10	2	1	32	0.01	< 10	< 10	65	< 10	122
4DSS-00141	201	202	6	0.01	26	2960	14	< 2	< 1	41	< 0.01	< 10	< 10	61	< 10	226

CERTIFICATION:

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CERTIFICATE OF ANALYSIS A9741544

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
4DSS-00142	201	202	< 5	< 0.2	1.47	10	350	< 0.5	< 2	0.14	0.5	5	29	27	2.18	< 10	< 1	0.13	10	0.34	435
4DSS-00143	201	202	< 5	0.8	1.37	8	370	0.5	< 2	0.16	1.5	10	23	30	2.12	< 10	< 1	0.13	< 10	0.29	1640
4DSS-00197	201	202	< 5	< 0.2	2.72	< 2	370	0.5	< 2	1.32	< 0.5	21	32	41	4.95	10	< 1	0.11	10	1.68	560
4S-0114	201	202	< 5	1.2	1.50	24	940	0.5	< 2	0.85	7.5	15	36	83	3.70	< 10	< 1	0.22	10	0.49	1540
8DS-0001	201	202	< 5	0.2	1.71	6	350	0.5	< 2	1.09	1.5	7	24	48	2.14	< 10	< 1	0.19	10	0.67	355
8DS-0003	201	202	< 5	0.6	1.11	6	360	< 0.5	< 2	2.07	3.0	4	24	49	1.40	< 10	< 1	0.12	< 10	0.59	180
8DS-0004	201	202	< 5	0.4	1.43	6	380	0.5	< 2	1.68	1.5	4	26	50	1.64	< 10	< 1	0.20	10	0.68	190
8DS-0005	201	202	< 5	0.4	1.15	2	350	< 0.5	< 2	1.33	1.0	4	21	35	1.31	< 10	< 1	0.15	< 10	0.52	295
8DS-0006	201	202	< 5	0.4	1.50	2	480	0.5	< 2	1.45	1.5	6	27	44	1.71	< 10	< 1	0.20	10	0.63	690
8DS-0007	201	202	< 5	0.2	1.65	16	610	0.5	< 2	1.17	2.5	12	26	53	2.57	< 10	< 1	0.21	10	0.64	2100
8DS-0008	201	202	< 5	0.2	1.55	8	440	< 0.5	< 2	1.12	1.5	9	25	44	2.22	< 10	< 1	0.13	10	0.58	900
8DS-0009	201	202	< 5	< 0.2	1.52	2	350	< 0.5	< 2	0.52	< 0.5	11	21	19	2.09	< 10	< 1	0.13	10	0.58	490
8DS-0010	201	202	< 5	< 0.2	1.60	< 2	350	< 0.5	< 2	0.63	< 0.5	8	22	19	1.87	< 10	< 1	0.12	10	0.58	235
8DS-0011	201	202	< 5	< 0.2	1.43	8	370	< 0.5	< 2	0.92	0.5	8	23	31	1.99	< 10	< 1	0.13	10	0.55	625
8DS-0012	201	202	< 5	< 0.2	1.64	8	480	0.5	< 2	0.90	< 0.5	10	24	39	2.42	< 10	< 1	0.16	10	0.54	740
8DS-0013	201	202	< 5	< 0.2	2.09	2	700	0.5	< 2	0.90	0.5	10	30	36	2.47	< 10	< 1	0.27	10	1.03	485
8DS-0014	201	202	< 5	< 0.2	2.06	4	660	0.5	< 2	1.78	0.5	10	28	32	2.69	< 10	< 1	0.29	10	1.05	495
8DS-0017	201	202	< 5	< 0.2	1.82	< 2	520	0.5	< 2	1.70	0.5	10	26	35	2.45	< 10	< 1	0.21	10	0.88	485
8DS-0019	201	202	< 5	< 0.2	1.74	< 2	520	0.5	< 2	1.48	< 0.5	10	26	28	2.41	< 10	< 1	0.21	10	0.85	375
8DS-0024	201	202	< 5	< 0.2	1.70	6	520	0.5	< 2	1.92	< 0.5	11	26	29	2.66	< 10	< 1	0.20	10	0.86	495
8DS-0026	201	202	< 5	< 0.2	1.55	2	570	0.5	< 2	2.12	4.0	9	23	41	2.45	< 10	< 1	0.17	10	0.76	1130
8DS-0027	201	202	< 5	< 0.2	1.72	2	580	0.5	< 2	1.62	3.0	9	25	35	2.46	< 10	< 1	0.18	10	0.80	800
8DS-0028	201	202	< 5	< 0.2	1.66	4	590	0.5	< 2	1.66	3.0	9	24	37	2.47	< 10	< 1	0.20	10	0.75	970
8DS-0029	201	202	< 5	< 0.2	1.89	6	630	0.5	< 2	1.03	2.5	11	26	28	2.81	< 10	< 1	0.24	10	0.88	805
8DS-0030	201	202	< 5	< 0.2	1.64	6	530	0.5	< 2	0.77	1.5	9	23	24	2.39	< 10	< 1	0.19	10	0.76	535
8DS-0031	201	202	< 5	< 0.2	1.74	4	610	0.5	< 2	1.04	2.0	10	24	30	2.71	< 10	< 1	0.19	10	0.83	720
8DS-0032	201	202	< 5	< 0.2	2.27	6	330	0.5	< 2	0.40	0.5	18	29	61	3.93	10	< 1	0.27	30	1.26	780
8DS-0033	201	202	< 5	0.2	1.90	6	430	0.5	< 2	0.80	0.5	7	25	31	2.45	< 10	< 1	0.11	10	0.55	290
8DS-0034	201	202	< 5	< 0.2	1.65	2	330	0.5	< 2	0.95	< 0.5	6	24	25	2.16	< 10	< 1	0.10	10	0.59	195
8DS-0035	201	202	< 5	< 0.2	1.79	6	390	0.5	< 2	0.99	0.5	7	26	28	2.50	< 10	< 1	0.13	10	0.66	285
8DS-0036	201	202	< 5	< 0.2	2.16	2	370	0.5	< 2	0.43	< 0.5	6	30	22	2.56	< 10	< 1	0.14	10	0.51	520
8DS-0037	201	202	< 5	< 0.2	1.89	< 2	400	0.5	< 2	1.09	< 0.5	6	27	30	2.25	< 10	< 1	0.13	10	0.64	180
8DS-0038	201	202	< 5	< 0.2	1.73	< 2	250	< 0.5	< 2	0.29	< 0.5	9	26	19	2.56	< 10	< 1	0.14	10	0.53	1015
8DS-0039	201	202	< 5	< 0.2	1.91	10	400	0.5	< 2	0.71	< 0.5	7	26	38	2.48	< 10	< 1	0.14	10	0.60	270
8DS-0040	201	202	< 5	< 0.2	1.91	6	330	0.5	< 2	0.55	< 0.5	7	26	33	2.33	< 10	< 1	0.12	10	0.57	250
8DS-0041	201	202	< 5	0.2	2.01	10	490	0.5	< 2	0.88	0.5	10	26	32	2.25	< 10	< 1	0.14	10	0.54	1770
8DS-0042	201	202	< 5	0.2	2.20	6	420	0.5	< 2	0.27	< 0.5	8	29	34	2.63	< 10	< 1	0.18	10	0.58	395
8DS-0043	201	202	< 5	< 0.2	1.01	6	160	< 0.5	< 2	0.12	< 0.5	3	17	11	1.43	< 10	< 1	0.10	10	0.16	355
8DS-0044	201	202	< 5	0.8	1.50	12	270	0.5	< 2	0.14	0.5	11	26	55	3.33	< 10	< 1	0.10	10	0.35	1115
8DS-0045	201	202	10	0.4	1.19	14	350	0.5	< 2	0.26	0.5	9	22	75	3.13	< 10	< 1	0.11	10	0.30	570

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Page Number :5-B
Total Pages :6
Certificate Date: 14-SEP-97
Invoice No. :I9741544
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9741544

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
4DSS-00142	201	202	3	< 0.01	16	720	8	< 2	< 1	33	0.02	< 10	< 10	69	< 10	94
4DSS-00143	201	202	2	0.01	17	1770	10	< 2	< 1	31	0.01	< 10	< 10	52	< 10	122
4DSS-00197	201	202	< 1	< 0.01	27	1040	6	< 2	8	64	0.15	< 10	< 10	98	< 10	110
4S-0114	201	202	14	< 0.01	153	1810	10	4	3	124	0.01	< 10	< 10	213	< 10	1200
8DS-0001	201	202	2	0.01	31	1820	8	2	1	86	0.01	< 10	< 10	54	< 10	162
8DS-0003	201	202	1	0.01	29	1540	6	2	1	169	0.01	< 10	< 10	50	< 10	150
8DS-0004	201	202	1	0.01	31	1620	6	< 2	3	158	0.02	< 10	< 10	63	< 10	160
8DS-0005	201	202	< 1	0.01	23	1230	6	< 2	1	121	0.01	< 10	< 10	49	< 10	126
8DS-0006	201	202	1	0.01	33	1550	6	< 2	3	134	0.02	< 10	< 10	65	< 10	174
8DS-0007	201	202	3	< 0.01	53	1540	10	< 2	3	123	0.01	< 10	< 10	68	< 10	234
8DS-0008	201	202	1	< 0.01	36	1210	8	< 2	3	106	0.03	< 10	< 10	53	< 10	150
8DS-0009	201	202	1	< 0.01	28	730	8	2	3	51	0.03	< 10	< 10	35	< 10	116
8DS-0010	201	202	1	< 0.01	21	700	6	< 2	3	53	0.03	< 10	< 10	34	< 10	94
8DS-0011	201	202	1	< 0.01	31	940	8	2	3	87	0.03	< 10	< 10	46	< 10	132
8DS-0012	201	202	< 1	< 0.01	25	920	10	2	7	81	0.02	< 10	< 10	40	< 10	82
8DS-0013	201	202	1	< 0.01	30	880	10	< 2	4	87	0.01	< 10	< 10	51	< 10	126
8DS-0014	201	202	1	< 0.01	28	940	10	< 2	4	117	0.01	< 10	< 10	43	< 10	118
8DS-0017	201	202	1	< 0.01	29	1020	4	2	5	123	0.01	< 10	< 10	39	< 10	116
8DS-0019	201	202	1	< 0.01	25	950	8	< 2	4	106	0.01	< 10	< 10	35	< 10	106
8DS-0024	201	202	< 1	< 0.01	28	1030	10	< 2	4	124	< 0.01	< 10	< 10	31	< 10	106
8DS-0026	201	202	2	< 0.01	43	1040	8	< 2	4	172	0.01	< 10	< 10	44	< 10	274
8DS-0027	201	202	1	< 0.01	39	1020	8	< 2	5	140	0.01	< 10	< 10	46	< 10	262
8DS-0028	201	202	1	< 0.01	40	1020	6	< 2	5	141	0.01	< 10	< 10	48	< 10	258
8DS-0029	201	202	1	< 0.01	37	1000	10	< 2	4	101	< 0.01	< 10	< 10	51	< 10	288
8DS-0030	201	202	1	< 0.01	31	880	4	< 2	3	84	< 0.01	< 10	< 10	45	< 10	250
8DS-0031	201	202	1	< 0.01	35	990	8	< 2	4	109	< 0.01	< 10	< 10	49	< 10	290
8DS-0032	201	202	2	< 0.01	31	970	16	2	6	53	< 0.01	< 10	< 10	52	< 10	140
8DS-0033	201	202	< 1	< 0.01	19	1370	8	< 2	3	66	0.01	< 10	< 10	40	< 10	124
8DS-0034	201	202	1	< 0.01	17	990	6	< 2	3	77	0.02	< 10	< 10	35	< 10	106
8DS-0035	201	202	< 1	< 0.01	19	1000	6	< 2	3	79	0.02	< 10	< 10	39	< 10	128
8DS-0036	201	202	1	0.01	16	1360	10	2	1	44	0.01	< 10	< 10	50	< 10	96
8DS-0037	201	202	< 1	0.01	19	1050	8	< 2	3	85	0.03	< 10	< 10	40	< 10	108
8DS-0038	201	202	1	0.01	16	1240	10	2	1	32	0.02	< 10	< 10	49	< 10	80
8DS-0039	201	202	1	< 0.01	22	1210	8	< 2	1	68	0.02	< 10	< 10	47	< 10	120
8DS-0040	201	202	1	< 0.01	20	1080	8	< 2	2	57	0.02	< 10	< 10	46	< 10	114
8DS-0041	201	202	1	0.01	20	1750	8	2	1	84	0.01	< 10	< 10	50	< 10	96
8DS-0042	201	202	1	0.01	22	1760	10	< 2	1	38	0.01	< 10	< 10	55	< 10	126
8DS-0043	201	202	1	0.01	7	1230	6	< 2	< 1	18	< 0.01	< 10	< 10	38	< 10	46
8DS-0044	201	202	4	< 0.01	29	1570	14	2	< 1	43	0.01	< 10	< 10	63	< 10	130
8DS-0045	201	202	4	< 0.01	36	1740	12	< 2	1	70	0.01	< 10	< 10	62	< 10	152

CERTIFICATION: Ian Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 14-SEP-97
Invoice No. :I9741544
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9741544

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
8DS-0046	201	202	< 5	0.2	1.66	8	370	0.5	< 2	0.92	0.5	7	25	34	2.32	< 10	< 1	0.11	10	0.57	295
8DS-0047	201	202	< 5	0.2	1.94	6	370	0.5	< 2	0.72	< 0.5	7	28	31	2.37	< 10	< 1	0.13	10	0.58	215
8DS-0048	201	202	< 5	0.2	1.87	6	200	< 0.5	< 2	0.41	< 0.5	9	26	16	2.05	< 10	< 1	0.09	10	0.44	305
8DS-0049	201	202	< 5	< 0.2	1.48	10	190	< 0.5	< 2	0.16	< 0.5	5	26	25	2.45	< 10	< 1	0.08	10	0.35	175
8DS-0050	201	202	< 5	< 0.2	2.07	4	370	0.5	< 2	0.29	< 0.5	11	28	34	2.80	< 10	< 1	0.15	20	0.58	730
8DS-0051	201	202	< 5	< 0.2	1.62	8	350	< 0.5	< 2	0.18	< 0.5	9	23	28	2.30	< 10	< 1	0.08	10	0.34	695
8DS-0052	201	202	< 5	0.2	1.54	8	330	0.5	< 2	0.54	< 0.5	10	23	23	2.25	< 10	< 1	0.10	10	0.47	785
8DS-0053	201	202	< 5	< 0.2	1.92	6	370	0.5	< 2	0.60	< 0.5	7	27	34	2.45	< 10	< 1	0.13	10	0.55	275
8DS-0054	201	202	< 5	0.4	1.54	6	190	< 0.5	< 2	0.09	< 0.5	3	21	21	1.52	< 10	< 1	0.08	10	0.23	135
8DS-0055	201	202	< 5	0.6	1.69	8	140	< 0.5	< 2	0.08	< 0.5	4	24	26	2.28	< 10	< 1	0.07	10	0.22	165
8DS-0056	201	202	< 5	< 0.2	1.34	12	190	< 0.5	< 2	0.09	< 0.5	5	26	27	2.34	< 10	< 1	0.09	10	0.26	210
8DS-0057	201	202	30	0.8	1.77	10	610	0.5	< 2	0.81	2.5	11	31	93	2.57	< 10	1	0.20	10	0.45	830
8DS-0058	201	202	< 5	0.6	1.73	6	410	0.5	< 2	0.29	< 0.5	9	26	48	2.49	< 10	< 1	0.14	10	0.40	740
8DS-0059	201	202	25	0.8	1.53	10	450	0.5	< 2	0.88	1.5	9	27	62	2.29	< 10	< 1	0.13	10	0.45	680
8DS-0060	201	202	15	0.6	1.66	8	470	0.5	< 2	0.58	1.0	9	27	56	2.50	< 10	1	0.12	10	0.45	950
8DS-0061	201	202	15	0.8	1.58	6	550	0.5	< 2	0.68	1.5	9	26	78	2.56	< 10	< 1	0.16	10	0.44	710
8DS-0063	201	202	< 5	< 0.2	1.54	10	230	< 0.5	< 2	0.10	< 0.5	4	33	25	2.82	< 10	< 1	0.07	10	0.30	135
8DS-0064	201	202	< 5	0.6	2.34	4	420	0.5	< 2	0.24	< 0.5	7	34	38	2.50	< 10	< 1	0.12	10	0.49	180
8DSS-002	201	202	< 5	0.6	1.56	6	460	0.5	< 2	1.78	0.5	6	23	54	1.81	< 10	< 1	0.20	10	0.68	380

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 14-SEP-97
Invoice No. :19741544
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9741544

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
8DS-0046	201	202	< 1	0.01	20	1060	8	2	1	80	0.01	< 10	< 10	41	< 10	106
8DS-0047	201	202	1	0.01	21	1040	8	< 2	2	71	0.03	< 10	< 10	47	< 10	104
8DS-0048	201	202	1	0.01	14	810	6	2	1	46	0.03	< 10	< 10	46	< 10	58
8DS-0049	201	202	1	< 0.01	14	770	8	< 2	1	26	0.03	< 10	< 10	60	< 10	58
8DS-0050	201	202	1	< 0.01	23	1140	10	< 2	3	40	0.03	< 10	< 10	54	< 10	102
8DS-0051	201	202	1	< 0.01	21	860	8	2	1	27	0.02	< 10	< 10	48	< 10	64
8DS-0052	201	202	3	< 0.01	19	1090	8	2	1	53	0.02	< 10	< 10	43	< 10	74
8DS-0053	201	202	1	< 0.01	23	1030	6	< 2	3	59	0.03	< 10	< 10	51	< 10	88
8DS-0054	201	202	< 1	0.01	12	1270	6	< 2	< 1	23	0.01	< 10	< 10	41	< 10	62
8DS-0055	201	202	1	0.01	11	850	6	< 2	1	21	0.03	< 10	< 10	48	< 10	56
8DS-0056	201	202	2	< 0.01	15	620	12	< 2	1	27	0.03	< 10	< 10	58	< 10	66
8DS-0057	201	202	3	< 0.01	43	1670	14	< 2	2	111	0.01	< 10	< 10	63	< 10	234
8DS-0058	201	202	3	< 0.01	28	1350	10	< 2	1	59	0.01	< 10	< 10	58	< 10	136
8DS-0059	201	202	3	< 0.01	31	1640	8	2	1	95	0.01	< 10	< 10	50	< 10	164
8DS-0060	201	202	2	< 0.01	30	1420	10	2	1	74	0.01	< 10	< 10	53	< 10	140
8DS-0061	201	202	3	< 0.01	39	1570	12	< 2	2	102	0.01	< 10	< 10	57	< 10	178
8DS-0063	201	202	< 1	< 0.01	11	450	14	< 2	1	31	0.03	< 10	< 10	70	< 10	40
8DS-0064	201	202	2	< 0.01	24	1530	8	< 2	2	52	0.01	< 10	< 10	67	< 10	88
8DSS-002	201	202	2	0.01	31	1780	6	2	3	155	0.01	< 10	< 10	54	< 10	152

CERTIFICATION:

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To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9741554

Comments: ATTN: GEORGE NICHOLSON

CERTIFICATE A9741554

(PHY) - INTERNATIONAL KODIAK RESOURCES INC.

Project:
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 16-SEP-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	150	Dry, sieve to -80 mesh
202	150	save reject
229	150	ICP - AQ Digestion charge

* NOTE 1:

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

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	140	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2118	150	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	150	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	150	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	150	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	150	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	150	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	150	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	150	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	150	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	150	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	150	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	150	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	150	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	150	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	150	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	150	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	150	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	150	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	150	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	150	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	150	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	150	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	150	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	150	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	150	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	150	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	150	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	150	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	150	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	150	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	150	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	150	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

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To: INTERNATIONAL KODIAK RESOURCES INC. **

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Certificate Date: 16-SEP-97
Invoice No. :I9741554
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9741554

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
9-0078	201	202	< 5	0.2	2.05	10	750	0.5	< 2	0.10	1.0	12	24	60	4.85	< 10	< 1	0.25	< 10	0.23	445
9-0079	201	202	not/ss	2.4	0.70	8	1100	0.5	< 2	2.02	4.5	7	23	100	1.62	< 10	< 1	0.08	< 10	0.40	760
9-0080	201	202	< 5	1.2	0.60	14	730	0.5	< 2	1.57	5.5	7	18	73	2.16	< 10	< 1	0.14	< 10	0.36	265
9-0084	201	202	< 5	2.4	0.74	30	1120	0.5	< 2	1.39	12.0	7	46	133	2.28	< 10	< 1	0.20	< 10	0.27	345
9-0112	201	202	< 5	0.2	1.81	10	520	0.5	< 2	0.52	1.0	11	25	68	3.16	< 10	< 1	0.18	10	0.49	1215
9-0113	201	202	< 5	< 0.2	2.04	12	370	0.5	< 2	0.31	< 0.5	8	30	39	2.91	< 10	< 1	0.12	10	0.50	660
9-0114	201	202	< 5	0.2	2.04	10	440	0.5	< 2	0.38	0.5	9	29	47	2.80	< 10	< 1	0.16	10	0.53	620
9-0116	201	202	< 5	0.2	1.93	10	580	0.5	< 2	0.64	1.0	9	26	49	2.65	< 10	< 1	0.20	10	0.54	735
9-0119	201	202	< 5	0.2	1.63	6	620	< 0.5	< 2	0.90	1.0	8	24	39	2.16	< 10	< 1	0.13	10	0.54	620
9-0120	201	202	< 5	< 0.2	1.81	6	670	0.5	< 2	0.74	2.5	11	27	64	2.65	< 10	< 1	0.23	10	0.60	1390
9-0121	201	202	< 5	0.2	1.72	10	600	0.5	< 2	0.68	3.0	11	25	54	2.71	< 10	< 1	0.18	10	0.58	1260
9-0122	201	202	< 5	< 0.2	1.75	10	620	0.5	< 2	0.67	2.0	10	25	54	2.56	< 10	< 1	0.20	10	0.56	1125
9-0123	201	202	< 5	0.2	1.59	2	540	0.5	< 2	1.09	2.5	11	27	66	2.19	< 10	< 1	0.16	10	0.64	1765
9-0124	201	202	< 5	< 0.2	2.25	16	630	1.5	< 2	0.53	2.5	16	26	73	3.64	< 10	< 1	0.35	10	0.78	1825
9-0162	201	202	< 5	0.2	1.20	16	780	0.5	< 2	0.71	0.5	12	19	52	3.55	< 10	< 1	0.20	10	0.44	390
9-0170	201	202	< 5	< 0.2	1.70	8	640	0.5	< 2	1.03	1.5	12	24	35	3.17	< 10	< 1	0.19	10	0.77	660
9-0172	201	202	< 5	0.2	1.76	2	850	0.5	< 2	1.20	0.5	8	24	40	2.08	< 10	< 1	0.15	10	0.80	315
9-0173	201	202	< 5	< 0.2	1.75	2	430	0.5	< 2	1.60	0.5	9	23	18	2.46	< 10	< 1	0.16	10	0.87	300
9-0174	201	202	< 5	< 0.2	1.74	6	480	0.5	< 2	1.26	0.5	10	24	21	2.48	< 10	< 1	0.16	10	0.86	275
9-0180	201	202	< 5	< 0.2	1.72	4	660	0.5	< 2	1.26	0.5	11	24	36	2.69	< 10	< 1	0.17	10	0.85	640
9-0183	201	202	< 5	< 0.2	1.90	8	600	0.5	< 2	1.02	0.5	13	26	47	3.26	< 10	< 1	0.23	10	0.91	685
9-0185	201	202	< 5	< 0.2	1.81	10	590	0.5	< 2	0.88	0.5	15	26	68	3.83	< 10	< 1	0.22	10	0.82	715
9-0189	201	202	< 5	< 0.2	1.56	8	500	0.5	< 2	1.29	2.0	13	23	55	2.90	< 10	< 1	0.17	10	0.70	580
9-0190	201	202	< 5	0.2	1.77	6	470	0.5	< 2	1.30	13.5	30	23	54	2.83	< 10	< 1	0.16	10	0.69	1635
9-0193	201	202	< 5	0.2	1.62	8	680	0.5	< 2	1.57	1.5	14	25	50	3.19	< 10	< 1	0.18	10	0.76	685
9-0215	201	202	< 5	0.2	1.52	8	440	0.5	< 2	0.52	1.0	9	30	40	2.49	< 10	< 1	0.14	10	0.47	1040
9-0217	201	202	not/ss	0.2	1.67	24	1180	0.5	< 2	0.42	2.0	26	33	105	4.61	< 10	< 1	0.29	10	0.45	5080
9-0218	201	202	not/ss	0.2	1.44	14	870	0.5	< 2	0.49	1.5	16	31	66	3.26	< 10	1	0.19	10	0.42	6760
9-0219	201	202	< 5	0.2	1.52	14	680	0.5	< 2	0.60	1.5	12	33	54	2.84	< 10	< 1	0.16	10	0.46	2350
9-0220	201	202	< 5	0.2	1.35	14	610	0.5	< 2	0.47	1.5	11	30	52	2.80	< 10	< 1	0.16	10	0.41	2010
9-0221	201	202	< 5	< 0.2	1.43	10	610	0.5	< 2	0.50	2.0	15	25	47	2.79	< 10	< 1	0.11	10	0.43	3280
9-0222	201	202	< 5	0.2	1.52	14	690	0.5	< 2	0.44	2.5	21	24	50	3.11	< 10	< 1	0.10	10	0.42	5570
9-0223	201	202	< 5	0.2	1.33	10	740	0.5	< 2	0.51	2.5	15	25	49	2.76	< 10	< 1	0.10	10	0.42	5210
9-0227	201	202	not/ss	0.2	1.36	20	920	0.5	< 2	0.40	3.0	19	25	67	3.58	< 10	< 1	0.14	10	0.39	6280
9-0228	201	202	not/ss	< 0.2	1.55	12	800	0.5	< 2	0.44	2.5	19	29	53	3.40	< 10	< 1	0.12	10	0.43	5030
9-0232	201	202	< 5	0.2	1.50	4	590	0.5	< 2	0.36	0.5	11	31	28	2.36	< 10	< 1	0.12	10	0.41	1200
9D-0206	201	202	< 5	< 0.2	1.88	< 2	580	0.5	< 2	1.68	0.5	14	28	39	3.27	< 10	< 1	0.22	10	0.96	760
9D-0209	201	202	15	0.6	1.77	12	590	0.5	< 2	0.50	1.0	12	40	45	2.63	< 10	< 1	0.14	10	0.44	1340
9D-0211	201	202	5	0.2	1.69	8	530	0.5	< 2	0.78	2.0	13	35	43	2.55	< 10	< 1	0.12	10	0.50	2500
9D-0212	201	202	< 5	0.2	1.65	10	480	0.5	< 2	0.65	1.5	13	34	42	2.59	< 10	< 1	0.12	10	0.48	1810

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 16-SEP-97
Invoice No. :I9741554
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9741554

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
9-0078	201	202	2	< 0.01	31	480	14	< 2	4	58	0.02	< 10	< 10	84	< 10	144
9-0079	201	202	6	0.01	71	1560	6	2	4	139	< 0.01	< 10	< 10	181	< 10	310
9-0080	201	202	8	< 0.01	70	1560	8	< 2	3	130	< 0.01	< 10	< 10	149	< 10	554
9-0084	201	202	18	< 0.01	92	4310	8	8	4	236	< 0.01	< 10	< 10	389	< 10	676
9-0112	201	202	3	< 0.01	36	2030	12	< 2	1	51	0.01	< 10	< 10	66	< 10	158
9-0113	201	202	1	< 0.01	26	1480	6	< 2	1	31	0.02	< 10	< 10	63	< 10	126
9-0114	201	202	1	< 0.01	27	1600	8	< 2	1	40	0.02	< 10	< 10	65	< 10	146
9-0116	201	202	2	< 0.01	29	1640	6	< 2	1	54	0.01	< 10	< 10	66	< 10	146
9-0119	201	202	< 1	< 0.01	34	1510	8	< 2	1	64	0.01	< 10	< 10	54	< 10	124
9-0120	201	202	5	< 0.01	56	1810	8	< 2	3	73	0.02	< 10	< 10	64	< 10	232
9-0121	201	202	3	< 0.01	48	1580	8	2	2	67	0.01	< 10	< 10	57	< 10	216
9-0122	201	202	1	< 0.01	50	1520	8	< 2	2	64	0.02	< 10	< 10	59	< 10	202
9-0123	201	202	4	< 0.01	67	1530	6	< 2	2	82	0.02	< 10	< 10	50	< 10	228
9-0124	201	202	6	< 0.01	110	1560	14	< 2	4	67	0.01	< 10	< 10	75	< 10	336
9-0162	201	202	5	< 0.01	34	850	18	< 2	5	89	< 0.01	< 10	< 10	33	< 10	152
9-0170	201	202	1	< 0.01	28	1390	12	< 2	4	98	< 0.01	< 10	< 10	33	< 10	128
9-0172	201	202	< 1	< 0.01	22	1010	4	< 2	4	89	0.02	< 10	< 10	41	< 10	94
9-0173	201	202	< 1	< 0.01	21	960	6	< 2	4	104	< 0.01	< 10	< 10	23	< 10	80
9-0174	201	202	< 1	< 0.01	23	930	6	< 2	4	96	< 0.01	< 10	< 10	26	< 10	92
9-0180	201	202	< 1	< 0.01	26	1030	8	2	5	110	< 0.01	< 10	< 10	30	< 10	108
9-0183	201	202	< 1	< 0.01	30	1080	10	< 2	5	97	< 0.01	< 10	< 10	38	< 10	132
9-0185	201	202	4	0.01	36	1370	12	< 2	4	102	< 0.01	< 10	< 10	42	< 10	168
9-0189	201	202	< 1	0.01	37	1150	10	< 2	5	113	< 0.01	< 10	< 10	36	< 10	258
9-0190	201	202	< 1	0.01	108	1260	12	2	5	97	< 0.01	< 10	< 10	34	< 10	1065
9-0193	201	202	2	0.01	36	1230	12	< 2	5	129	< 0.01	< 10	< 10	37	< 10	242
9-0215	201	202	1	< 0.01	45	1110	8	4	3	54	0.03	< 10	< 10	56	< 10	134
9-0217	201	202	8	< 0.01	94	1350	18	4	5	81	0.01	< 10	< 10	93	< 10	248
9-0218	201	202	4	< 0.01	73	1090	12	< 2	3	70	0.02	< 10	< 10	72	< 10	168
9-0219	201	202	3	< 0.01	54	1100	8	< 2	3	71	0.03	< 10	< 10	69	< 10	146
9-0220	201	202	1	< 0.01	50	1030	10	< 2	3	59	0.02	< 10	< 10	63	< 10	152
9-0221	201	202	3	< 0.01	49	1060	10	< 2	3	50	0.02	< 10	< 10	49	< 10	142
9-0222	201	202	5	< 0.01	55	1140	8	< 2	3	48	0.02	< 10	< 10	55	< 10	146
9-0223	201	202	4	< 0.01	83	1090	8	2	3	56	0.02	< 10	< 10	52	< 10	192
9-0227	201	202	4	< 0.01	121	1020	12	< 2	3	55	0.01	< 10	< 10	56	< 10	280
9-0228	201	202	5	< 0.01	107	1100	14	< 2	3	56	0.03	< 10	< 10	64	< 10	234
9-0232	201	202	< 1	< 0.01	89	1080	6	2	3	45	0.03	< 10	< 10	51	< 10	148
9D-0206	201	202	1	0.01	31	1200	10	< 2	5	106	< 0.01	< 10	< 10	36	< 10	138
9D-0209	201	202	3	< 0.01	54	1460	10	< 2	2	51	0.03	< 10	< 10	69	< 10	160
9D-0211	201	202	1	< 0.01	65	1540	8	< 2	2	62	0.03	< 10	< 10	52	< 10	202
9D-0212	201	202	2	< 0.01	57	1430	8	< 2	2	57	0.03	< 10	< 10	52	< 10	192

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
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To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 16-SEP-97
Invoice No. :I9741554
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9741554

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
9S-0117	201	202	< 5	0.2	1.76	10	630	0.5	< 2	0.87	2.5	9	26	62	2.40	< 10	< 1	0.27	10	0.56	655
9S-0118	201	202	< 5	0.2	1.90	8	660	0.5	< 2	0.82	2.5	9	27	63	2.72	< 10	< 1	0.32	10	0.60	655
9S-0126	201	202	15	< 0.2	1.86	10	610	1.0	< 2	0.71	3.5	12	24	67	2.73	< 10	< 1	0.20	10	0.64	1950
9S-0127	201	202	5	< 0.2	1.88	16	520	1.0	< 2	1.24	2.5	16	22	90	3.37	< 10	< 1	0.24	10	0.66	2190
9S-0128	201	202	< 5	< 0.2	1.38	8	500	0.5	< 2	0.95	2.0	10	20	57	2.14	< 10	< 1	0.09	10	0.50	1415
9S-0129	201	202	30	< 0.2	1.83	16	520	0.5	< 2	0.47	1.0	13	22	62	3.64	< 10	< 1	0.19	10	0.64	865
9S-0130	201	202	5	< 0.2	1.82	16	520	0.5	< 2	0.44	1.5	17	23	67	3.59	< 10	< 1	0.24	10	0.71	1450
9S-0131	201	202	< 5	< 0.2	1.57	12	500	0.5	< 2	0.66	1.5	9	24	40	2.18	< 10	< 1	0.12	10	0.53	765
9S-0132	201	202	< 5	< 0.2	2.46	18	670	1.0	< 2	0.51	1.5	18	31	60	3.91	< 10	< 1	0.45	20	0.87	1380
9S-0133	201	202	< 5	0.2	1.83	8	550	0.5	< 2	0.63	1.0	12	27	41	2.37	< 10	< 1	0.17	10	0.61	950
9S-0134	201	202	< 5	0.2	1.64	10	500	0.5	< 2	0.59	1.5	13	25	41	2.21	< 10	< 1	0.14	10	0.57	1005
9S-0135	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
9S-0136	201	202	< 5	< 0.2	2.10	18	600	1.0	< 2	0.47	2.0	22	27	63	4.01	< 10	< 1	0.36	20	0.82	2200
9S-0137	201	202	20	0.6	1.53	16	850	0.5	< 2	0.92	2.5	10	24	92	2.61	< 10	< 1	0.28	10	0.71	690
9S-0138	201	202	< 5	0.4	1.62	18	770	0.5	< 2	0.86	2.0	12	25	108	2.99	< 10	< 1	0.33	10	0.73	1170
9S-0139	201	202	< 5	0.2	2.07	20	940	0.5	< 2	0.59	3.0	18	34	70	3.48	< 10	< 1	0.43	10	0.79	6140
9S-0141	201	202	not/ss	0.2	2.11	18	1110	0.5	< 2	0.70	3.0	18	30	100	3.31	< 10	< 1	0.49	20	0.80	5210
9S-0142	201	202	< 5	0.2	2.23	16	740	1.0	< 2	0.73	1.5	14	30	96	3.25	< 10	< 1	0.52	20	0.86	1355
9S-0143	201	202	< 5	0.2	1.95	20	730	0.5	< 2	0.75	1.5	11	28	60	3.36	< 10	< 1	0.35	20	0.82	855
9S-0144	201	202	< 5	0.2	1.54	16	560	0.5	< 2	0.59	1.0	12	24	65	3.19	< 10	< 1	0.28	20	0.70	1045
9S-0145	201	202	< 5	< 0.2	1.26	16	640	0.5	< 2	0.52	1.0	14	21	60	3.15	< 10	< 1	0.25	20	0.49	865
9S-0146	201	202	10	< 0.2	1.55	14	590	0.5	< 2	0.53	1.0	13	26	63	3.13	< 10	< 1	0.35	20	0.59	940
9S-0147	201	202	< 5	< 0.2	1.77	10	630	0.5	< 2	0.56	2.5	22	28	62	3.48	< 10	< 1	0.38	20	0.65	2420
9S-0148	201	202	< 5	< 0.2	1.66	12	730	0.5	< 2	0.52	2.5	22	26	60	3.24	< 10	< 1	0.33	20	0.60	2710
9S-0149	201	202	< 5	< 0.2	1.73	12	630	0.5	< 2	0.62	2.5	20	26	59	3.45	< 10	< 1	0.35	20	0.69	2450
9S-0150	201	202	< 5	< 0.2	1.53	18	580	0.5	< 2	0.47	3.0	23	29	55	3.58	< 10	< 1	0.28	20	0.65	4830
9S-0151	201	202	< 5	< 0.2	1.66	12	610	0.5	< 2	0.76	4.0	25	32	45	3.52	< 10	1	0.22	20	0.72	7800
9S-0152	201	202	< 5	< 0.2	1.67	12	700	0.5	< 2	0.60	3.5	25	28	58	3.85	< 10	< 1	0.25	20	0.74	4940
9S-0153	201	202	< 5	< 0.2	2.07	18	600	1.5	< 2	0.50	4.0	30	29	81	4.25	< 10	< 1	0.25	30	0.60	5000
9S-0154	201	202	< 5	0.2	1.75	14	620	0.5	< 2	0.63	3.5	25	33	66	4.19	< 10	< 1	0.31	20	0.76	4240
9S-0156	201	202	< 5	0.2	1.66	8	600	0.5	< 2	0.80	3.5	17	32	51	3.11	< 10	< 1	0.20	20	0.74	2760
9S-0157	201	202	< 5	0.2	1.63	8	630	0.5	< 2	0.84	3.5	23	35	50	3.47	< 10	< 1	0.20	20	0.79	3800
9S-0214	201	202	< 5	0.2	1.56	10	730	0.5	< 2	0.60	2.5	22	33	43	2.84	< 10	< 1	0.11	10	0.45	4740
9S-0216	201	202	< 5	0.2	1.30	14	530	0.5	< 2	0.53	1.0	11	29	49	2.62	< 10	< 1	0.13	10	0.40	1270
9S-0224	201	202	< 5	0.2	1.28	14	630	0.5	< 2	0.46	2.0	12	26	47	2.56	< 10	< 1	0.12	10	0.39	3540
9S-0225	201	202	< 5	0.2	1.51	12	680	0.5	< 2	0.57	2.5	13	29	49	2.75	< 10	< 1	0.12	10	0.45	3690
9DS-0155	201	202	not/ss	< 0.2	1.57	20	580	0.5	< 2	0.62	3.0	23	37	66	4.38	< 10	< 1	0.23	20	0.75	3690
9DS-0158	201	202	< 5	< 0.2	1.39	16	590	0.5	< 2	0.62	3.5	24	27	58	3.92	< 10	< 1	0.21	20	0.62	4790
9DS-0163	201	202	< 5	< 0.2	1.41	8	840	0.5	< 2	1.41	0.5	9	22	32	2.91	< 10	< 1	0.17	10	0.62	350
9DS-0164	201	202	< 5	< 0.2	1.50	8	720	0.5	< 2	1.12	< 0.5	10	22	27	2.99	< 10	< 1	0.17	10	0.63	335

CERTIFICATION:

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CERTIFICATE OF ANALYSIS A9741554

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
9S-0117	201	202	3	< 0.01	48	1780	4	< 2	1	71	0.01	< 10	< 10	64	< 10	160
9S-0118	201	202	4	< 0.01	47	1920	12	< 2	3	76	0.01	< 10	< 10	72	< 10	196
9S-0126	201	202	3	< 0.01	114	1590	10	2	3	71	0.01	< 10	< 10	57	< 10	338
9S-0127	201	202	5	< 0.01	102	4860	14	< 2	4	172	< 0.01	< 10	< 10	64	< 10	296
9S-0128	201	202	3	< 0.01	119	1660	6	< 2	1	80	0.01	< 10	< 10	42	< 10	200
9S-0129	201	202	4	< 0.01	71	1410	16	< 2	3	64	0.01	< 10	< 10	64	< 10	260
9S-0130	201	202	4	< 0.01	73	1390	12	< 2	4	62	< 0.01	< 10	< 10	64	< 10	240
9S-0131	201	202	1	< 0.01	54	1230	8	< 2	2	60	0.02	< 10	< 10	51	< 10	154
9S-0132	201	202	4	< 0.01	60	1520	18	< 2	5	75	0.01	< 10	< 10	89	< 10	216
9S-0133	201	202	< 1	< 0.01	50	1190	10	< 2	3	60	0.03	< 10	< 10	59	< 10	154
9S-0134	201	202	3	< 0.01	48	1140	2	< 2	2	57	0.03	< 10	< 10	51	< 10	146
9S-0135	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
9S-0136	201	202	7	< 0.01	71	1510	12	2	4	66	< 0.01	< 10	< 10	77	< 10	242
9S-0137	201	202	8	< 0.01	84	2270	10	< 2	4	111	0.01	< 10	< 10	69	< 10	288
9S-0138	201	202	9	< 0.01	86	2520	10	2	4	116	< 0.01	< 10	< 10	81	< 10	304
9S-0139	201	202	10	< 0.01	141	1690	8	< 2	5	87	0.01	< 10	< 10	89	< 10	364
9S-0141	201	202	9	< 0.01	142	2160	12	< 2	5	98	0.01	< 10	< 10	95	< 10	336
9S-0142	201	202	8	< 0.01	70	2220	10	< 2	5	100	< 0.01	< 10	< 10	98	< 10	264
9S-0143	201	202	5	< 0.01	51	2710	8	< 2	4	90	0.01	< 10	< 10	75	< 10	198
9S-0144	201	202	6	< 0.01	52	1720	10	< 2	4	82	< 0.01	< 10	< 10	67	< 10	214
9S-0145	201	202	7	< 0.01	52	1710	16	< 2	4	117	< 0.01	< 10	< 10	54	< 10	206
9S-0146	201	202	5	< 0.01	54	1730	14	2	4	86	< 0.01	< 10	< 10	69	< 10	218
9S-0147	201	202	5	< 0.01	84	1810	12	< 2	4	84	< 0.01	< 10	< 10	72	< 10	252
9S-0148	201	202	7	< 0.01	87	1730	10	< 2	4	85	< 0.01	< 10	< 10	71	< 10	240
9S-0149	201	202	4	< 0.01	89	1650	10	< 2	5	85	0.01	< 10	< 10	69	< 10	258
9S-0150	201	202	7	< 0.01	132	1390	14	< 2	5	73	0.01	< 10	< 10	67	< 10	268
9S-0151	201	202	8	< 0.01	119	1590	10	< 2	5	75	0.02	< 10	< 10	66	< 10	246
9S-0152	201	202	6	< 0.01	133	1670	12	2	5	82	0.04	< 10	< 10	73	< 10	274
9S-0153	201	202	10	< 0.01	155	1420	10	< 2	4	75	0.02	< 10	< 10	91	< 10	320
9S-0154	201	202	8	< 0.01	130	1810	12	2	6	86	0.03	< 10	< 10	79	< 10	304
9S-0156	201	202	1	< 0.01	86	1440	8	< 2	5	77	0.06	< 10	< 10	70	< 10	250
9S-0157	201	202	4	< 0.01	94	1490	8	< 2	5	76	0.07	< 10	< 10	72	< 10	252
9S-0214	201	202	3	< 0.01	85	1320	6	< 2	2	64	0.03	< 10	< 10	56	< 10	202
9S-0216	201	202	1	< 0.01	46	1230	10	< 2	3	64	0.02	< 10	< 10	58	< 10	136
9S-0224	201	202	3	< 0.01	74	1040	10	< 2	3	55	0.02	< 10	< 10	51	< 10	168
9S-0225	201	202	2	< 0.01	88	1130	10	< 2	3	62	0.03	< 10	< 10	60	< 10	208
9DS-0155	201	202	11	< 0.01	114	1900	10	< 2	6	81	0.05	< 10	< 10	80	< 10	264
9DS-0158	201	202	7	< 0.01	114	1600	10	< 2	5	70	0.04	< 10	< 10	68	< 10	282
9DS-0163	201	202	1	< 0.01	26	1100	8	< 2	6	107	< 0.01	< 10	< 10	25	< 10	114
9DS-0164	201	202	1	< 0.01	25	970	10	< 2	5	95	< 0.01	< 10	< 10	26	< 10	106

CERTIFICATION: Stewart Hallan

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
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PHONE: 604-984-0221 FAX: 604-984-0218

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Page Number :3-A
Total Pages :4
Certificate Date: 16-SEP-97
Invoice No. :I9741554
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9741554

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
9DS-0165	201	202	< 5	< 0.2	1.47	2	600	0.5	< 2	0.96	< 0.5	10	22	26	2.97	< 10	< 1	0.15	10	0.62	315
9DS-0166	201	202	< 5	< 0.2	1.82	14	940	0.5	< 2	1.76	< 0.5	11	26	56	3.15	< 10	< 1	0.30	10	0.72	685
9DS-0167	201	202	< 5	0.2	1.79	8	1000	0.5	< 2	0.74	< 0.5	12	26	52	3.75	< 10	< 1	0.22	10	0.75	1450
9DS-0168	201	202	< 5	< 0.2	1.63	10	780	0.5	< 2	1.03	0.5	14	23	38	3.65	< 10	< 1	0.17	10	0.83	890
9DS-0169	201	202	< 5	< 0.2	1.33	20	1000	0.5	< 2	1.34	1.5	10	20	44	3.73	< 10	< 1	0.13	10	0.64	645
9DS-0171	201	202	< 5	0.2	1.39	2	420	< 0.5	< 2	1.23	< 0.5	6	19	34	1.68	< 10	< 1	0.09	10	0.66	210
9DS-0176	201	202	< 5	< 0.2	1.56	4	530	0.5	< 2	1.36	0.5	11	22	28	2.99	< 10	< 1	0.13	10	0.84	585
9DS-0177	201	202	< 5	< 0.2	1.76	6	490	0.5	< 2	0.87	0.5	13	25	27	3.53	< 10	< 1	0.15	10	0.94	590
9DS-0178	201	202	< 5	< 0.2	1.68	6	640	0.5	< 2	1.08	0.5	11	24	32	2.91	< 10	< 1	0.16	10	0.85	445
9DS-0179	201	202	< 5	< 0.2	1.79	< 2	590	0.5	< 2	0.97	0.5	10	25	26	2.61	< 10	< 1	0.19	10	0.84	515
9DS-0181	201	202	< 5	< 0.2	2.03	4	640	0.5	< 2	0.91	0.5	13	27	39	3.36	< 10	< 1	0.26	10	0.93	665
9DS-0184	201	202	< 5	< 0.2	1.92	8	590	0.5	< 2	0.85	0.5	15	27	63	3.78	< 10	1	0.28	10	0.85	805
9DS-0186	201	202	< 5	< 0.2	1.64	6	540	0.5	< 2	1.56	1.0	10	24	49	2.65	< 10	< 1	0.18	10	0.76	425
9DS-0187	201	202	< 5	0.2	1.68	12	520	0.5	< 2	0.99	1.0	15	26	76	4.00	< 10	< 1	0.20	10	0.75	880
9DS-0188	201	202	< 5	< 0.2	1.83	8	650	0.5	< 2	1.03	0.5	12	27	52	3.21	< 10	< 1	0.24	10	0.75	435
9DS-0191	201	202	< 5	< 0.2	1.73	8	630	0.5	< 2	1.57	1.5	17	25	57	3.63	< 10	< 1	0.20	10	0.78	1005
9DS-0192	201	202	< 5	< 0.2	1.87	10	620	0.5	< 2	1.89	1.5	17	28	66	3.90	< 10	< 1	0.28	10	0.81	1030
9DS-0194	201	202	< 5	< 0.2	2.06	8	620	0.5	< 2	1.64	1.5	19	30	51	3.87	< 10	< 1	0.31	10	0.89	945
9DS-0195	201	202	< 5	< 0.2	1.77	8	530	0.5	< 2	1.06	0.5	16	26	45	3.61	< 10	< 1	0.24	10	0.82	715
9DS-0196	201	202	< 5	< 0.2	1.64	2	370	0.5	< 2	2.54	< 0.5	9	25	25	2.43	< 10	< 1	0.11	10	0.91	440
9DS-0197	201	202	< 5	< 0.2	1.70	< 2	370	0.5	< 2	1.94	< 0.5	10	26	15	2.73	< 10	< 1	0.09	10	1.01	410
9DS-0198	201	202	< 5	< 0.2	1.63	6	400	0.5	< 2	2.25	0.5	14	24	39	3.45	< 10	< 1	0.15	10	0.96	890
9DS-0199	201	202	< 5	< 0.2	1.71	8	520	0.5	< 2	2.08	0.5	11	25	37	2.87	< 10	< 1	0.16	10	0.89	665
9DS-0200	201	202	< 5	< 0.2	1.91	4	600	0.5	< 2	1.77	0.5	13	29	40	3.25	< 10	< 1	0.23	10	0.95	565
9DS-0201	201	202	< 5	< 0.2	1.89	8	600	0.5	< 2	1.70	0.5	12	28	35	3.04	< 10	< 1	0.21	10	0.91	510
9DS-0202	201	202	< 5	< 0.2	1.91	4	460	0.5	< 2	1.46	0.5	14	28	33	3.50	< 10	< 1	0.21	10	1.04	690
9DS-0203	201	202	< 5	< 0.2	1.91	6	490	0.5	< 2	1.78	0.5	14	26	41	3.40	< 10	< 1	0.24	10	0.97	795
9DS-0204	201	202	< 5	< 0.2	1.80	4	440	0.5	< 2	1.65	0.5	14	27	38	3.63	< 10	< 1	0.19	10	1.01	805
9DS-0205	201	202	< 5	< 0.2	1.73	4	470	0.5	< 2	1.72	0.5	13	28	39	3.34	< 10	< 1	0.18	10	0.97	840
9DS-0207	201	202	< 5	< 0.2	1.89	6	550	0.5	< 2	1.41	0.5	13	29	47	3.49	< 10	< 1	0.21	10	0.97	700
9DS-0210	201	202	not/ss	0.2	1.63	8	740	0.5	< 2	0.52	1.5	15	31	41	2.63	< 10	< 1	0.13	10	0.45	5180
9DS-0213	201	202	not/ss	< 0.2	1.95	6	690	0.5	< 2	0.67	1.5	22	30	66	3.87	< 10	< 1	0.33	10	0.68	2970
9DS-0226	201	202	< 5	0.2	1.44	12	670	0.5	< 2	0.38	1.5	16	27	59	3.28	< 10	< 1	0.14	10	0.42	3210
9DS-0229	201	202	< 5	0.2	1.19	10	620	0.5	< 2	0.39	2.0	18	22	47	2.77	< 10	< 1	0.08	< 10	0.36	4400
9DS-0230	201	202	< 5	0.2	1.23	12	1060	0.5	< 2	0.42	3.5	33	21	63	3.33	< 10	< 1	0.09	10	0.35	>10000
9DS-0231	201	202	< 5	0.2	1.21	6	810	< 0.5	< 2	0.27	0.5	11	23	32	2.64	< 10	< 1	0.07	10	0.35	7840
9DSS-0110	201	202	< 5	0.2	1.64	6	420	0.5	< 2	0.42	0.5	10	24	52	2.58	< 10	< 1	0.16	10	0.48	945
9DSS-0111	201	202	< 5	0.2	1.74	4	440	< 0.5	< 2	0.33	0.5	8	26	40	2.57	< 10	< 1	0.16	10	0.48	615
9DSS-0115	201	202	< 5	< 0.2	1.77	6	600	0.5	< 2	0.44	0.5	8	26	43	2.52	< 10	< 1	0.19	10	0.51	815
9DSS-0208	201	202	< 5	0.2	1.91	4	430	0.5	< 2	0.34	< 0.5	10	66	37	3.06	< 10	< 1	0.11	10	0.58	765

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 16-SEP-97
Invoice No. :I9741554
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9741554

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
9DS-0165	201	202	1	< 0.01	24	960	10	< 2	5	86	< 0.01	< 10	< 10	25	< 10	114
9DS-0166	201	202	5	0.01	26	2320	14	< 2	4	140	< 0.01	< 10	< 10	48	< 10	110
9DS-0167	201	202	4	0.01	30	1030	14	< 2	5	92	< 0.01	< 10	< 10	45	< 10	108
9DS-0168	201	202	3	< 0.01	27	1340	16	< 2	4	79	< 0.01	< 10	< 10	36	< 10	114
9DS-0169	201	202	3	< 0.01	27	1400	12	< 2	4	89	< 0.01	< 10	< 10	27	< 10	122
9DS-0171	201	202	1	0.01	18	890	6	< 2	3	98	0.01	< 10	< 10	29	< 10	92
9DS-0176	201	202	1	< 0.01	26	1060	10	< 2	3	95	< 0.01	< 10	< 10	27	< 10	112
9DS-0177	201	202	2	< 0.01	28	1270	14	< 2	3	77	< 0.01	< 10	< 10	29	< 10	128
9DS-0178	201	202	1	< 0.01	26	1010	12	< 2	4	94	< 0.01	< 10	< 10	31	< 10	112
9DS-0179	201	202	1	< 0.01	25	960	8	< 2	4	84	< 0.01	< 10	< 10	31	< 10	106
9DS-0181	201	202	2	< 0.01	28	1110	12	< 2	4	87	< 0.01	< 10	< 10	39	< 10	126
9DS-0184	201	202	4	0.01	32	1400	16	< 2	4	101	< 0.01	< 10	< 10	47	< 10	144
9DS-0186	201	202	1	0.01	29	1080	10	< 2	5	126	0.01	< 10	< 10	33	< 10	140
9DS-0187	201	202	5	0.01	40	1620	14	< 2	4	113	< 0.01	< 10	< 10	47	< 10	198
9DS-0188	201	202	3	0.01	33	1120	12	< 2	4	105	< 0.01	< 10	< 10	43	< 10	170
9DS-0191	201	202	4	0.01	38	1230	16	< 2	5	134	< 0.01	< 10	< 10	40	< 10	214
9DS-0192	201	202	4	0.01	39	1540	16	< 2	5	136	< 0.01	< 10	< 10	47	< 10	246
9DS-0194	201	202	3	0.01	41	1300	16	< 2	4	121	< 0.01	< 10	< 10	46	< 10	282
9DS-0195	201	202	3	0.01	34	1070	14	< 2	4	89	< 0.01	< 10	< 10	40	< 10	186
9DS-0196	201	202	< 1	< 0.01	22	880	8	< 2	5	122	< 0.01	< 10	< 10	22	< 10	74
9DS-0197	201	202	< 1	< 0.01	21	880	8	< 2	3	92	< 0.01	< 10	< 10	23	< 10	74
9DS-0198	201	202	2	< 0.01	30	1100	14	< 2	4	117	< 0.01	< 10	< 10	31	< 10	136
9DS-0199	201	202	1	< 0.01	28	1010	12	< 2	4	125	< 0.01	< 10	< 10	30	< 10	134
9DS-0200	201	202	1	0.01	30	1100	14	< 2	4	107	< 0.01	< 10	< 10	37	< 10	162
9DS-0201	201	202	2	0.01	29	1040	10	< 2	4	107	< 0.01	< 10	< 10	35	< 10	156
9DS-0202	201	202	1	0.01	30	1090	14	< 2	4	95	< 0.01	< 10	< 10	32	< 10	154
9DS-0203	201	202	2	< 0.01	32	1590	12	< 2	4	110	< 0.01	< 10	< 10	36	< 10	158
9DS-0204	201	202	2	< 0.01	32	1150	14	< 2	4	97	< 0.01	< 10	< 10	32	< 10	160
9DS-0205	201	202	2	< 0.01	30	1130	12	< 2	4	101	< 0.01	< 10	< 10	32	< 10	136
9DS-0207	201	202	1	0.01	29	1190	10	< 2	4	97	< 0.01	< 10	< 10	38	< 10	138
9DS-0210	201	202	3	< 0.01	88	1200	10	< 2	3	48	0.03	< 10	< 10	54	< 10	210
9DS-0213	201	202	4	< 0.01	92	1640	14	< 2	4	95	0.01	< 10	< 10	72	< 10	258
9DS-0226	201	202	4	< 0.01	85	1030	10	< 2	3	53	0.01	< 10	< 10	58	< 10	224
9DS-0229	201	202	4	< 0.01	98	970	10	< 2	2	45	0.01	< 10	< 10	46	< 10	214
9DS-0230	201	202	6	< 0.01	259	960	10	< 2	3	53	0.01	< 10	< 10	48	< 10	334
9DS-0231	201	202	3	< 0.01	123	930	8	< 2	2	36	0.02	< 10	< 10	41	< 10	172
9DSS-0110	201	202	3	< 0.01	30	2030	10	< 2	< 1	49	0.01	< 10	< 10	58	< 10	142
9DSS-0111	201	202	2	< 0.01	25	1480	10	< 2	1	35	0.01	< 10	< 10	58	< 10	120
9DSS-0115	201	202	4	< 0.01	27	1690	6	< 2	1	46	0.01	< 10	< 10	64	< 10	124
9DSS-0208	201	202	3	< 0.01	31	1150	10	< 2	2	36	0.04	< 10	< 10	85	< 10	94

CERTIFICATION: Stewart Bichlmaier

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CERTIFICATE OF ANALYSIS A9741554

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
10DS-0112	201	202	< 5	0.4	1.83	4	470	0.5	< 2	1.38	1.5	5	29	41	1.82	< 10	< 1	0.10	10	0.52	670
10DS-0113	201	202	< 5	0.2	1.38	12	590	0.5	< 2	1.06	1.5	10	24	51	3.70	< 10	< 1	0.14	10	0.42	1600
10DS-0114	201	202	< 5	0.4	1.61	12	720	0.5	< 2	0.79	5.0	25	30	57	2.68	< 10	< 1	0.16	10	0.51	4390
10DS-0115	201	202	< 5	0.2	1.58	8	590	0.5	< 2	0.62	1.5	12	29	57	2.75	< 10	< 1	0.16	10	0.46	1700
10DS-0119	201	202	< 5	0.4	1.61	6	520	0.5	< 2	0.78	1.5	8	28	44	2.17	< 10	< 1	0.15	10	0.52	560
10DS-0120	201	202	< 5	0.2	1.64	14	770	0.5	< 2	0.38	2.0	18	26	68	3.69	< 10	< 1	0.29	10	0.51	3230
10DS-0121	201	202	< 5	0.2	1.31	8	620	0.5	< 2	0.50	2.0	14	22	63	3.16	< 10	< 1	0.19	10	0.47	2220
10DS-0122	201	202	< 5	0.6	1.40	8	480	0.5	< 2	0.80	1.5	9	25	47	2.67	< 10	< 1	0.10	10	0.50	1105
10DS-0123	201	202	< 5	0.6	1.27	18	690	0.5	< 2	0.44	5.0	20	27	82	3.92	< 10	< 1	0.15	10	0.40	3600
10DS-0124	201	202	< 5	1.0	1.26	10	480	0.5	< 2	0.97	5.5	8	31	70	2.23	< 10	< 1	0.11	10	0.45	630
10DS-0125	201	202	< 5	1.2	1.30	26	740	0.5	< 2	0.53	5.5	17	43	122	3.72	< 10	< 1	0.22	10	0.36	1830
10DS-0126	201	202	< 5	0.8	1.48	20	730	0.5	< 2	0.65	5.5	15	46	96	3.61	< 10	< 1	0.19	10	0.42	1730
10DS-0127	201	202	< 5	1.4	1.29	14	600	0.5	< 2	0.92	5.0	7	43	72	2.16	< 10	< 1	0.14	10	0.44	550
10DS-0128	201	202	< 5	1.0	1.58	6	540	0.5	< 2	0.85	3.5	11	37	56	2.63	< 10	< 1	0.14	10	0.52	1315
10DS-0129	201	202	< 5	1.0	1.38	14	540	0.5	< 2	0.93	4.5	10	34	71	2.70	< 10	< 1	0.14	10	0.47	1110
10DS-0130	201	202	< 5	1.0	1.39	14	580	0.5	< 2	0.74	5.0	12	38	67	2.95	< 10	< 1	0.16	10	0.46	1435
10DS-0131	201	202	< 5	1.0	1.34	16	860	0.5	< 2	0.70	8.0	18	35	87	3.37	< 10	< 1	0.19	10	0.44	3290
10DS-0132	201	202	< 5	1.0	1.44	16	660	0.5	< 2	0.84	7.0	15	41	78	3.05	< 10	< 1	0.17	10	0.46	2180
10DS-0133	201	202	< 5	0.8	1.55	14	860	0.5	< 2	0.53	6.5	14	42	86	3.48	< 10	< 1	0.24	10	0.44	1710
10DS-0134	201	202	< 5	1.0	1.53	20	910	0.5	< 2	0.59	7.5	15	41	85	3.43	< 10	< 1	0.24	10	0.42	1970
10DS-0135	201	202	not/ss	1.0	1.23	14	780	0.5	< 2	0.66	8.5	21	33	76	2.93	< 10	< 1	0.14	10	0.38	2870
10DS-0136	201	202	< 5	1.0	1.23	12	560	0.5	< 2	0.79	7.5	11	31	69	2.57	< 10	< 1	0.12	10	0.38	1485
10DS-0137	201	202	< 5	0.8	1.29	14	590	0.5	< 2	0.72	7.5	14	32	74	2.85	< 10	1	0.14	10	0.40	1695
10DS-0138	201	202	< 5	1.0	1.39	12	700	0.5	< 2	0.88	8.5	14	36	77	2.69	< 10	< 1	0.15	10	0.41	2100
10DSS-0105	201	202	< 5	0.2	2.14	6	280	0.5	< 2	0.11	< 0.5	5	34	36	2.83	< 10	< 1	0.15	10	0.32	545
10DSS-0106	201	202	< 5	0.4	1.24	2	290	< 0.5	< 2	0.11	0.5	14	23	24	1.98	< 10	< 1	0.09	< 10	0.21	3830
10DSS-0108	201	202	< 5	< 0.2	1.55	6	120	< 0.5	< 2	0.11	< 0.5	4	26	19	2.56	< 10	< 1	0.06	10	0.28	210
10DSS-0109	201	202	< 5	< 0.2	2.29	8	210	0.5	< 2	0.14	< 0.5	23	33	39	3.70	< 10	< 1	0.09	10	0.61	1210
10DSS-0116	201	202	< 5	0.4	1.88	10	480	0.5	< 2	0.27	< 0.5	8	34	40	2.52	< 10	< 1	0.14	10	0.46	720
10DSS-0117	201	202	< 5	0.4	1.58	10	380	0.5	< 2	0.12	< 0.5	12	30	48	2.63	< 10	< 1	0.14	10	0.42	815
10DSS-0118	201	202	< 5	0.6	1.70	6	320	< 0.5	< 2	0.17	< 0.5	9	29	41	2.31	< 10	< 1	0.09	10	0.38	815

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 16-SEP-97
Invoice No. :I9741554
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9741554

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
10DS-0112	201	202	1	0.01	61	1980	6	< 2	1	115	0.01	< 10	< 10	48	< 10	142
10DS-0113	201	202	4	< 0.01	52	1510	10	< 2	2	102	0.01	< 10	< 10	58	< 10	154
10DS-0114	201	202	12	< 0.01	96	1350	10	< 2	1	62	0.02	< 10	< 10	75	< 10	196
10DS-0115	201	202	5	< 0.01	81	1490	10	< 2	1	52	0.02	< 10	< 10	75	< 10	156
10DS-0119	201	202	3	< 0.01	36	1440	10	< 2	1	64	0.02	< 10	< 10	56	< 10	146
10DS-0120	201	202	8	< 0.01	58	1210	16	< 2	3	66	< 0.01	< 10	< 10	81	< 10	190
10DS-0121	201	202	6	< 0.01	55	1150	14	< 2	3	66	0.01	< 10	< 10	67	< 10	196
10DS-0122	201	202	4	< 0.01	46	1290	10	< 2	1	72	0.01	< 10	< 10	60	< 10	212
10DS-0123	201	202	11	< 0.01	89	1340	16	2	3	70	0.01	< 10	< 10	120	< 10	482
10DS-0124	201	202	7	< 0.01	72	1330	8	< 2	1	86	0.01	< 10	< 10	117	< 10	532
10DS-0125	201	202	16	< 0.01	111	1460	16	4	4	88	0.01	< 10	< 10	230	< 10	748
10DS-0126	201	202	15	< 0.01	98	1430	18	2	4	87	0.01	< 10	< 10	256	< 10	724
10DS-0127	201	202	10	< 0.01	67	1270	8	2	2	80	0.01	< 10	< 10	285	< 10	546
10DS-0128	201	202	6	< 0.01	57	1120	10	< 2	3	83	0.03	< 10	< 10	153	< 10	364
10DS-0129	201	202	8	< 0.01	74	1210	10	2	3	89	0.02	< 10	< 10	162	< 10	580
10DS-0130	201	202	8	< 0.01	76	1150	10	< 2	3	79	0.02	< 10	< 10	185	< 10	624
10DS-0131	201	202	15	< 0.01	113	1210	14	2	4	88	0.01	< 10	< 10	180	< 10	910
10DS-0132	201	202	10	< 0.01	96	1210	12	< 2	4	92	0.02	< 10	< 10	197	< 10	818
10DS-0133	201	202	12	< 0.01	100	1270	16	4	4	89	0.01	< 10	< 10	210	< 10	902
10DS-0134	201	202	14	< 0.01	108	1400	14	2	4	101	0.01	< 10	< 10	214	< 10	924
10DS-0135	201	202	18	< 0.01	111	1350	12	2	3	90	0.01	< 10	< 10	175	< 10	982
10DS-0136	201	202	11	< 0.01	100	1230	14	< 2	3	88	0.01	< 10	< 10	157	< 10	974
10DS-0137	201	202	15	< 0.01	115	1190	10	2	3	84	0.01	< 10	< 10	174	< 10	1060
10DS-0138	201	202	14	< 0.01	125	1240	14	2	3	95	0.01	< 10	< 10	192	< 10	1085
10DSS-0105	201	202	3	< 0.01	20	1550	12	< 2	< 1	19	0.01	< 10	< 10	68	< 10	114
10DSS-0106	201	202	1	0.03	14	1270	10	< 2	< 1	17	0.01	< 10	< 10	45	< 10	82
10DSS-0108	201	202	1	< 0.01	14	510	8	< 2	1	14	0.04	< 10	< 10	54	< 10	48
10DSS-0109	201	202	1	< 0.01	33	660	22	< 2	3	14	0.05	< 10	< 10	51	< 10	88
10DSS-0116	201	202	4	< 0.01	26	1550	10	2	1	34	0.01	< 10	< 10	77	< 10	92
10DSS-0117	201	202	3	< 0.01	25	1050	10	< 2	1	32	0.02	< 10	< 10	72	< 10	90
10DSS-0118	201	202	4	< 0.01	26	950	12	< 2	1	27	0.01	< 10	< 10	61	< 10	84

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9741557

Comments: ATTN: GEORGE NICHOLSON

CERTIFICATE A9741557

(PHY) - INTERNATIONAL KODIAK RESOURCES INC.

Project:
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 15-SEP-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	24	Dry, sieve to -80 mesh
202	24	save reject
229	24	ICP - AQ Digestion charge
* NOTE	1:	

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

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	17	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2118	24	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	24	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	24	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	24	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	24	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	24	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	24	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	24	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	24	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	24	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	24	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	24	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	24	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	24	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	24	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	24	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	24	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	24	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	24	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	24	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	24	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	24	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	24	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	24	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	24	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	24	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	24	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	24	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	24	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	24	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	24	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	24	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

Chemex Labs Ltd.

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 15-SEP-97
Invoice No. :I9741557
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9741557

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
9-0089	201	202	< 5	0.8	0.98	32	500	0.5	< 2	0.75	5.5	11	25	85	2.97	< 10	< 1	0.16	10	0.34	615
9-0090	201	202	not/ss	1.4	0.89	20	640	0.5	< 2	0.83	4.5	8	31	79	2.63	< 10	< 1	0.18	10	0.29	585
9-0091	201	202	< 5	1.8	0.94	34	590	0.5	< 2	0.74	6.0	8	39	81	3.14	< 10	< 1	0.24	10	0.38	605
9-0092	201	202	< 5	1.2	1.06	20	590	0.5	< 2	0.97	5.5	8	35	87	2.58	< 10	< 1	0.20	10	0.37	610
9E-0093	201	202	< 5	0.8	1.18	20	690	0.5	< 2	0.71	3.5	10	33	74	2.65	< 10	< 1	0.21	10	0.38	565
9E-0094	201	202	not/ss	0.8	1.28	32	810	0.5	< 2	0.82	4.5	13	34	82	3.56	< 10	< 1	0.25	10	0.40	1815
9E-0095	201	202	< 5	0.8	1.11	20	650	0.5	< 2	0.79	3.0	9	36	71	2.73	< 10	< 1	0.22	10	0.36	670
9E-0096	201	202	< 5	0.6	1.16	20	660	0.5	< 2	0.66	3.0	10	34	76	2.76	< 10	< 1	0.23	10	0.34	670
9E-0097	201	202	not/ss	0.6	1.13	14	590	0.5	< 2	0.85	3.5	13	31	70	2.72	< 10	< 1	0.22	10	0.30	1750
9E-0098	201	202	< 5	0.4	0.64	8	750	< 0.5	6	2.04	35.0	164	11	46	10.50	< 10	2	0.09	< 10	0.19	>10000
9E-0099	201	202	not/ss	1.0	1.26	16	680	0.5	< 2	1.65	11.0	61	32	82	3.90	< 10	1	0.20	10	0.40	>10000
9E-0101	201	202	10	0.8	1.04	16	570	0.5	< 2	1.65	7.5	36	26	79	2.57	< 10	1	0.16	10	0.42	5360
9E-0102	201	202	< 5	0.6	0.79	6	300	< 0.5	< 2	4.65	4.5	6	18	60	1.70	< 10	1	0.12	< 10	0.38	480
9E-0103	201	202	not/ss	0.4	1.04	22	540	0.5	< 2	1.43	8.5	21	21	69	3.05	< 10	< 1	0.21	10	0.43	4320
9E-0104	201	202	5	0.6	0.85	18	420	0.5	< 2	2.07	10.0	23	19	65	2.75	< 10	< 1	0.14	10	0.41	5550
9E-0105	201	202	5	0.6	0.73	14	350	0.5	< 2	5.14	11.0	17	16	58	2.22	< 10	< 1	0.12	< 10	0.33	3870
9E-0106	201	202	10	0.8	0.99	18	400	0.5	< 2	3.43	10.0	21	23	74	2.89	< 10	< 1	0.17	10	0.42	4840
9E-0107	201	202	< 5	0.8	0.90	10	340	< 0.5	< 2	5.63	4.5	9	22	59	2.08	< 10	< 1	0.13	10	0.37	1405
9ES-0088	201	202	< 5	1.2	1.04	24	540	0.5	< 2	0.99	5.0	8	32	98	2.46	< 10	< 1	0.18	10	0.36	490
9ES-0100	201	202	not/ss	0.4	1.38	22	780	0.5	< 2	1.50	9.5	50	28	75	3.99	< 10	< 1	0.30	10	0.46	>10000
9ES-0108	201	202	not/ss	0.6	1.12	22	470	0.5	< 2	3.38	4.0	14	24	67	3.05	< 10	< 1	0.22	10	0.47	1390
9ES-0109	201	202	< 5	0.6	0.89	12	360	0.5	< 2	3.39	3.5	6	24	59	1.82	< 10	< 1	0.14	10	0.38	720
9ESS-0086	201	202	< 5	0.6	2.00	6	820	0.5	< 2	0.27	0.5	9	26	31	3.18	< 10	< 1	0.33	10	0.64	295
9ESS-0087	201	202	10	0.6	2.32	< 2	860	0.5	< 2	1.19	2.0	7	32	70	2.04	< 10	< 1	0.23	20	1.11	190

CERTIFICATION: Stewart Borchler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Page Number :1-B
Total Pages :1
Certificate Date: 15-SEP-97
Invoice No. :I9741557
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9741557

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
9-0089	201	202	21	< 0.01	72	1920	14	6	3	133	< 0.01	< 10	< 10	210	< 10	662
9-0090	201	202	11	< 0.01	55	1810	14	2	3	160	< 0.01	< 10	< 10	181	< 10	410
9-0091	201	202	16	0.01	52	1930	14	6	3	195	< 0.01	< 10	< 10	288	< 10	466
9-0092	201	202	12	< 0.01	62	1690	14	4	3	155	0.01	< 10	< 10	238	< 10	494
9E-0093	201	202	11	< 0.01	59	1620	8	4	4	141	0.01	< 10	< 10	204	< 10	414
9E-0094	201	202	17	< 0.01	71	2140	14	2	4	136	< 0.01	< 10	< 10	252	< 10	526
9E-0095	201	202	10	< 0.01	51	1940	14	4	3	150	0.01	< 10	< 10	211	< 10	324
9E-0096	201	202	9	< 0.01	52	1600	12	2	3	130	0.01	< 10	< 10	197	< 10	336
9E-0097	201	202	9	< 0.01	63	1720	12	4	3	120	0.01	< 10	< 10	177	< 10	352
9E-0098	201	202	9	0.02	508	780	< 2	< 2	2	135	< 0.01	< 10	< 10	89	< 10	1165
9E-0099	201	202	8	0.01	217	1500	8	2	4	131	0.01	< 10	< 10	172	< 10	920
9E-0101	201	202	12	< 0.01	163	1320	8	2	4	118	0.01	< 10	< 10	156	< 10	574
9E-0102	201	202	5	< 0.01	63	1190	6	2	3	194	0.01	< 10	< 10	87	< 10	512
9E-0103	201	202	8	< 0.01	93	2860	10	2	4	143	< 0.01	< 10	< 10	134	< 10	694
9E-0104	201	202	9	< 0.01	112	1690	8	2	3	145	< 0.01	< 10	< 10	116	< 10	912
9E-0105	201	202	7	< 0.01	91	1350	10	2	3	166	< 0.01	< 10	< 10	103	< 10	916
9E-0106	201	202	9	0.01	135	1790	10	2	3	170	0.01	< 10	< 10	148	< 10	1190
9E-0107	201	202	5	0.01	66	1130	8	2	3	182	0.01	< 10	< 10	133	< 10	510
9ES-0088	201	202	17	< 0.01	70	1860	12	6	3	135	0.01	< 10	< 10	251	< 10	592
9ES-0100	201	202	9	0.01	192	2550	10	2	4	151	< 0.01	< 10	< 10	157	< 10	870
9ES-0108	201	202	8	< 0.01	74	2010	10	2	3	176	< 0.01	< 10	< 10	140	< 10	554
9ES-0109	201	202	6	0.01	53	1110	8	2	3	137	0.01	< 10	< 10	129	< 10	364
9ESS-0086	201	202	4	< 0.01	19	1010	10	< 2	3	37	0.04	< 10	< 10	77	< 10	112
9ESS-0087	201	202	3	0.01	41	730	6	< 2	6	109	< 0.01	< 10	< 10	91	< 10	200

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9741567

Comments: ATTN: GEORGE NICHOLSON

CERTIFICATE A9741567

(PHY) - INTERNATIONAL KODIAK RESOURCES INC.

Project:
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 16-SEP-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	148	Geochem ring to approx 150 mesh
226	148	0-3 Kg crush and split
3202	148	Rock - save entire reject
229	148	ICP - AQ Digestion charge
* NOTE	1:	

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

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	148	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	148	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	148	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	148	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	148	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	148	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	148	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	148	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	148	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	148	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	148	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	148	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	148	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	148	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	148	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	148	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	148	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	148	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	148	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	148	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	148	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	148	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	148	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	148	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	148	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	148	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	148	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	148	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	148	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	148	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	148	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	148	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	148	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

Chemex Labs Ltd.

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 15-SEP-97
Invoice No. :I9741567
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9741567

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
1A R0078	205	226	< 5	0.4	2.96	< 2	390	1.0	< 2	0.32	3.0	10	45	84	2.88	10	< 1	0.77	20	1.59	50
1A R0089	205	226	< 5	0.2	0.28	6	450	< 0.5	< 2	0.06	0.5	4	223	371	5.30	< 10	< 1	0.04	< 10	0.04	430
1A R0119	205	226	< 5	< 0.2	0.19	< 2	60	< 0.5	< 2	0.01	< 0.5	2	168	48	0.82	< 10	< 1	0.06	< 10	0.03	50
2A R0052	205	226	< 5	< 0.2	0.50	< 2	180	< 0.5	< 2	0.04	0.5	3	118	52	0.87	< 10	< 1	0.07	< 10	0.22	60
2A R0057	205	226	< 5	< 0.2	0.56	< 2	240	< 0.5	< 2	0.05	< 0.5	5	95	31	1.57	< 10	< 1	0.05	< 10	0.35	140
2A R0076	205	226	< 5	0.2	0.31	< 2	220	< 0.5	< 2	< 0.01	< 0.5	2	100	36	1.18	< 10	< 1	0.08	< 10	0.07	35
2A R0077	205	226	< 5	< 0.2	0.33	< 2	180	< 0.5	< 2	< 0.01	< 0.5	< 1	90	37	0.91	< 10	< 1	0.08	< 10	0.06	30
3A R0022	205	226	< 5	< 0.2	0.19	6	120	< 0.5	< 2	< 0.01	< 0.5	< 1	171	31	0.99	< 10	< 1	0.07	< 10	0.01	10
3A R0023	205	226	< 5	< 0.2	0.48	< 2	170	< 0.5	< 2	0.01	< 0.5	3	171	24	1.21	< 10	< 1	0.04	< 10	0.28	110
3A R0034	205	226	< 5	< 0.2	4.38	< 2	6770	< 0.5	< 2	3.68	< 0.5	32	167	100	5.46	10	< 1	0.24	10	3.16	1420
3A R0036	205	226	< 5	< 0.2	0.76	< 2	120	< 0.5	< 2	3.22	< 0.5	3	127	4	1.78	< 10	< 1	0.03	< 10	0.53	1085
3A R0038	205	226	< 5	< 0.2	4.00	< 2	>10000	< 0.5	< 2	1.91	< 0.5	27	56	97	5.24	10	< 1	0.31	10	2.40	785
3A R0046	205	226	< 5	< 0.2	3.88	< 2	8270	< 0.5	< 2	3.50	< 0.5	33	193	101	5.76	10	< 1	0.31	10	2.53	820
3A R0047	205	226	< 5	< 0.2	1.57	8	480	< 0.5	< 2	12.40	< 0.5	12	77	14	3.17	< 10	< 1	0.04	10	1.32	5220
5A R0104	205	226	< 5	< 0.2	1.19	< 2	560	< 0.5	< 2	0.08	< 0.5	4	79	25	1.32	< 10	< 1	0.25	< 10	0.42	65
5A R0135	205	226	< 5	< 0.2	1.77	< 2	860	0.5	< 2	0.13	< 0.5	7	35	36	2.21	< 10	< 1	0.50	10	0.71	125
6A R0056	205	226	< 5	< 0.2	1.61	< 2	800	0.5	< 2	1.13	< 0.5	4	65	25	1.58	< 10	< 1	0.34	10	0.46	85
6A R0057	205	226	10	< 0.2	0.44	< 2	590	< 0.5	< 2	0.05	< 0.5	1	220	48	1.13	< 10	< 1	0.10	< 10	0.14	35
6A R0058	205	226	< 5	< 0.2	0.86	16	420	< 0.5	< 2	0.01	< 0.5	3	44	148	7.60	< 10	< 1	0.16	< 10	0.06	115
6A R0059	205	226	< 5	0.2	0.21	4	450	< 0.5	< 2	0.01	< 0.5	1	208	20	1.26	< 10	< 1	0.10	< 10	0.02	40
6A R0061	205	226	< 5	< 0.2	0.59	< 2	220	< 0.5	< 2	0.01	< 0.5	2	231	21	1.53	< 10	< 1	0.06	< 10	0.26	60
6A R0067	205	226	< 5	< 0.2	2.55	< 2	1120	0.5	< 2	0.09	3.5	8	55	42	2.36	10	< 1	0.76	10	0.88	195
6A R0079	205	226	< 5	< 0.2	0.49	< 2	410	0.5	< 2	0.09	< 0.5	4	187	48	6.50	< 10	< 1	0.07	< 10	0.09	225
6A R0080	205	226	< 5	< 0.2	1.16	< 2	260	< 0.5	< 2	12.10	< 0.5	3	22	19	1.87	< 10	< 1	0.22	10	3.81	815
6A R0089	205	226	< 5	< 0.2	1.80	8	1760	0.5	< 2	0.51	0.5	17	88	57	2.69	< 10	< 1	0.38	10	0.50	670
6A R0090	205	226	< 5	< 0.2	2.50	2	310	1.0	< 2	0.08	< 0.5	16	34	39	3.26	10	< 1	0.51	30	0.97	125
6A R0091	205	226	< 5	< 0.2	0.36	4	260	0.5	< 2	0.01	< 0.5	7	246	48	10.95	< 10	< 1	0.04	< 10	0.04	165
6A R0092	205	226	< 5	< 0.2	1.35	< 2	400	< 0.5	< 2	0.05	< 0.5	18	138	55	2.17	< 10	< 1	0.32	< 10	0.38	2750
6A R0093	205	226	10	< 0.2	2.07	< 2	510	0.5	< 2	0.01	< 0.5	7	44	47	2.66	< 10	< 1	0.56	10	0.60	155
6A R0094	205	226	< 5	< 0.2	0.28	8	390	< 0.5	< 2	0.01	< 0.5	2	227	16	1.28	< 10	< 1	0.12	< 10	0.04	55
6A R0095	205	226	< 5	< 0.2	0.54	< 2	150	< 0.5	< 2	0.03	< 0.5	3	132	25	1.01	< 10	< 1	0.08	< 10	0.25	150
6A R0114	205	226	< 5	< 0.2	1.10	< 2	120	< 0.5	< 2	9.37	< 0.5	15	14	9	3.63	< 10	< 1	0.19	30	0.57	645
6A R0116	205	226	< 5	< 0.2	3.31	< 2	260	< 0.5	< 2	14.10	< 0.5	22	78	42	4.81	10	< 1	0.05	10	2.04	965
6A R0119	205	226	< 5	< 0.2	3.03	< 2	150	< 0.5	< 2	10.20	< 0.5	56	247	54	4.71	10	< 1	0.09	< 10	3.82	1020
6A R0123	205	226	< 5	< 0.2	1.42	< 2	600	< 0.5	< 2	6.31	< 0.5	36	37	103	6.76	< 10	< 1	0.14	20	1.80	930
6A R0124	205	226	< 5	< 0.2	1.39	< 2	40	< 0.5	< 2	>15.00	< 0.5	7	25	19	3.19	< 10	< 1	< 0.01	< 10	1.71	2010
8A R0017	205	226	< 5	3.2	0.35	18	320	0.5	< 2	0.50	7.5	3	110	142	0.67	< 10	< 1	0.06	< 10	0.09	80
8A R0022	205	226	< 5	< 0.2	1.16	< 2	490	< 0.5	< 2	0.24	< 0.5	3	94	32	1.66	< 10	< 1	0.28	< 10	0.44	105
12A R0066	205	226	< 5	< 0.2	0.16	< 2	130	< 0.5	< 2	0.38	< 0.5	3	149	20	0.69	< 10	< 1	0.02	< 10	0.21	185
12A R0068	205	226	< 5	< 0.2	0.14	< 2	300	< 0.5	< 2	0.02	< 0.5	< 1	244	6	0.62	< 10	< 1	0.06	< 10	0.03	25

CERTIFICATION: Ian Pirie

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 15-SEP-97
Invoice No. :I9741567
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9741567

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
1A R0078	205	226	1	0.01	24	1050	16	< 2	7	76	< 0.01	< 10	< 10	92	< 10	192
1A R0089	205	226	17	< 0.01	27	620	8	< 2	1	32	< 0.01	< 10	< 10	45	< 10	102
1A R0119	205	226	< 1	< 0.01	11	70	< 2	< 2	1	3	< 0.01	< 10	< 10	14	< 10	46
2A R0052	205	226	< 1	< 0.01	23	90	< 2	< 2	1	18	< 0.01	< 10	< 10	11	< 10	174
2A R0057	205	226	< 1	0.01	18	160	4	< 2	1	14	< 0.01	< 10	< 10	10	< 10	58
2A R0076	205	226	< 1	< 0.01	10	40	6	< 2	1	7	< 0.01	< 10	< 10	9	< 10	34
2A R0077	205	226	< 1	< 0.01	7	70	2	< 2	2	7	< 0.01	< 10	< 10	13	< 10	30
3A R0022	205	226	< 1	< 0.01	3	150	< 2	< 2	< 1	7	< 0.01	< 10	< 10	10	< 10	14
3A R0023	205	226	< 1	< 0.01	12	60	< 2	< 2	1	8	< 0.01	< 10	< 10	15	< 10	28
3A R0034	205	226	< 1	0.10	86	970	< 2	< 2	16	235	0.10	< 10	< 10	158	< 10	92
3A R0036	205	226	< 1	0.01	10	170	10	< 2	1	155	< 0.01	< 10	< 10	12	< 10	28
3A R0038	205	226	< 1	0.07	46	920	< 2	< 2	13	182	0.40	< 10	< 10	147	< 10	68
3A R0046	205	226	< 1	0.03	69	1050	< 2	< 2	14	296	< 0.01	< 10	< 10	153	< 10	74
3A R0047	205	226	< 1	0.01	20	690	2	< 2	8	562	< 0.01	< 10	< 10	72	< 10	66
5A R0104	205	226	< 1	< 0.01	18	150	< 2	< 2	2	12	< 0.01	< 10	< 10	20	< 10	36
5A R0135	205	226	< 1	0.01	22	210	4	2	4	23	0.01	< 10	< 10	18	< 10	62
6A R0056	205	226	< 1	0.01	15	4720	2	< 2	3	486	0.02	< 10	< 10	28	< 10	36
6A R0057	205	226	< 1	< 0.01	10	270	< 2	< 2	1	18	< 0.01	< 10	< 10	15	< 10	30
6A R0058	205	226	< 1	< 0.01	9	400	10	2	4	22	< 0.01	< 10	< 10	39	< 10	92
6A R0059	205	226	1	< 0.01	6	250	4	< 2	< 1	85	< 0.01	< 10	< 10	39	< 10	12
6A R0061	205	226	< 1	< 0.01	10	70	< 2	< 2	< 1	8	< 0.01	< 10	< 10	11	< 10	38
6A R0067	205	226	< 1	0.01	31	180	6	2	5	33	0.01	< 10	< 10	25	< 10	296
6A R0079	205	226	< 1	0.01	39	1860	8	2	1	18	< 0.01	< 10	< 10	12	< 10	228
6A R0080	205	226	< 1	< 0.01	10	470	2	< 2	4	446	< 0.01	< 10	< 10	16	< 10	46
6A R0089	205	226	3	< 0.01	45	1930	8	2	4	75	0.01	< 10	< 10	60	< 10	194
6A R0090	205	226	< 1	< 0.01	35	330	12	2	6	45	< 0.01	< 10	< 10	49	< 10	144
6A R0091	205	226	< 1	< 0.01	120	1620	6	< 2	3	5	< 0.01	< 10	< 10	12	< 10	268
6A R0092	205	226	1	< 0.01	43	210	2	< 2	3	11	< 0.01	< 10	< 10	15	< 10	128
6A R0093	205	226	< 1	< 0.01	36	300	6	2	4	16	0.01	< 10	< 10	33	< 10	274
6A R0094	205	226	1	0.01	18	130	2	2	< 1	31	< 0.01	< 10	< 10	21	< 10	34
6A R0095	205	226	< 1	< 0.01	14	80	< 2	< 2	< 1	8	< 0.01	< 10	< 10	9	< 10	24
6A R0114	205	226	< 1	0.01	10	3320	< 2	< 2	3	218	< 0.01	< 10	< 10	20	< 10	66
6A R0116	205	226	< 1	< 0.01	59	820	< 2	< 2	7	155	0.07	< 10	< 10	83	< 10	42
6A R0119	205	226	< 1	< 0.01	367	730	< 2	< 2	11	169	0.30	< 10	< 10	89	< 10	52
6A R0123	205	226	< 1	0.02	49	1890	< 2	< 2	13	188	0.05	< 10	10	151	< 10	102
6A R0124	205	226	< 1	< 0.01	19	340	< 2	< 2	5	497	0.18	< 10	< 10	73	< 10	14
8A R0017	205	226	27	< 0.01	179	520	4	6	2	60	< 0.01	< 10	20	822	< 10	886
8A R0022	205	226	< 1	0.01	14	130	2	< 2	3	20	< 0.01	< 10	< 10	13	< 10	54
12A R0066	205	226	< 1	< 0.01	9	30	< 2	2	< 1	43	< 0.01	< 10	< 10	8	< 10	20
12A R0068	205	226	< 1	< 0.01	5	40	< 2	< 2	< 1	13	< 0.01	< 10	< 10	6	< 10	6

CERTIFICATION:

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To: INTERNATIONAL KODIAK RESOURCES INC. **

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V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Page Number :2-A
Total Pages :4
Certificate Date: 15-SEP-97
Invoice No. :I9741567
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CERTIFICATE OF ANALYSIS A9741567

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
12A R0069	205	226	< 5	< 0.2	2.31	2	840	0.5	< 2	0.14	< 0.5	6	65	74	7.66	< 10	< 1	0.50	< 10	0.60	90
12A R0073	205	226	< 5	0.4	0.50	6	240	< 0.5	< 2	0.08	< 0.5	13	72	49	>15.00	< 10	< 1	0.40	< 10	0.09	355
1B R0147	205	226	< 5	< 0.2	1.00	12	240	2.0	< 2	0.19	< 0.5	22	14	93	>15.00	< 10	1	0.30	< 10	0.21	465
1B R0160	205	226	< 5	< 0.2	3.73	< 2	530	< 0.5	< 2	2.36	< 0.5	19	18	74	4.92	10	< 1	0.07	10	1.78	705
3B R0048	205	226	< 5	< 0.2	0.28	< 2	410	< 0.5	< 2	0.03	< 0.5	3	99	21	2.26	< 10	< 1	0.07	< 10	0.06	90
3B R0050	205	226	< 5	< 0.2	0.25	< 2	570	< 0.5	< 2	8.54	< 0.5	< 1	31	3	2.60	< 10	< 1	0.04	< 10	4.92	960
3B R0066	205	226	< 5	< 0.2	3.27	8	320	< 0.5	< 2	3.95	< 0.5	41	130	49	5.92	10	< 1	0.10	30	2.74	680
3B R0072	205	226	< 5	< 0.2	4.48	< 2	1180	< 0.5	< 2	3.71	< 0.5	56	239	88	5.78	10	< 1	0.15	20	4.75	600
3B R0077	205	226	< 5	< 0.2	4.30	< 2	100	0.5	< 2	1.58	< 0.5	39	26	27	10.70	20	< 1	0.05	20	4.41	750
3B R0078	205	226	< 5	< 0.2	0.91	2	180	< 0.5	< 2	6.84	< 0.5	9	111	10	1.54	< 10	< 1	0.17	10	0.66	825
3B R0080	205	226	< 5	< 0.2	4.66	< 2	680	1.0	< 2	3.16	< 0.5	13	14	17	7.39	10	< 1	0.58	50	1.65	385
3B R0084	205	226	< 5	< 0.2	3.93	< 2	120	0.5	< 2	1.37	< 0.5	23	18	15	7.97	20	< 1	0.08	30	4.36	720
3B R0085	205	226	< 5	< 0.2	2.72	< 2	350	0.5	< 2	1.26	< 0.5	18	7	10	5.37	10	< 1	0.17	30	3.10	780
3B R0086	205	226	< 5	< 0.2	2.71	< 2	170	0.5	< 2	3.85	< 0.5	21	11	6	6.73	10	< 1	0.16	40	4.28	940
3B R0087	205	226	< 5	< 0.2	3.36	< 2	120	0.5	< 2	2.26	< 0.5	26	13	20	7.38	20	< 1	0.07	30	4.15	675
3B R0090	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
6B R0156	205	226	< 5	< 0.2	4.28	< 2	200	0.5	< 2	2.65	< 0.5	25	42	68	5.37	10	< 1	0.09	10	2.14	770
6 R0125	205	226	15	< 0.2	0.50	< 2	430	< 0.5	< 2	0.15	< 0.5	3	183	41	1.34	< 10	< 1	0.11	< 10	0.31	75
6C R0126	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
6C R0136	205	226	< 5	0.4	1.14	6	530	< 0.5	< 2	1.60	0.5	8	107	58	2.31	< 10	< 1	0.12	< 10	0.97	130
6C R0153	205	226	< 5	< 0.2	0.23	< 2	370	< 0.5	< 2	0.04	< 0.5	1	221	17	0.67	< 10	< 1	0.05	< 10	0.10	40
2D R0081	205	226	< 5	< 0.2	1.39	< 2	430	0.5	< 2	0.03	2.5	7	22	71	1.84	< 10	< 1	0.39	10	0.61	110
4D R0080	205	226	< 5	< 0.2	0.32	< 2	210	< 0.5	< 2	0.01	< 0.5	6	189	16	0.71	< 10	< 1	0.05	< 10	0.13	430
4D R0137	205	226	< 5	< 0.2	0.39	4	690	< 0.5	< 2	0.02	< 0.5	6	187	25	1.49	< 10	< 1	0.03	< 10	0.06	3530
4D R0198	205	226	< 5	< 0.2	3.45	2	280	0.5	< 2	4.54	< 0.5	6	51	92	2.80	10	< 1	0.97	20	2.67	185
8D R0015	205	226	< 5	< 0.2	1.01	< 2	200	< 0.5	< 2	>15.00	< 0.5	< 1	28	25	1.10	< 10	< 1	0.28	10	0.85	415
8D R0016	205	226	< 5	< 0.2	1.33	< 2	370	< 0.5	< 2	8.23	< 0.5	5	24	86	2.08	< 10	< 1	0.09	< 10	1.29	615
8D R0018	205	226	< 5	< 0.2	3.15	< 2	330	< 0.5	< 2	12.70	< 0.5	16	83	40	4.64	10	< 1	0.06	10	2.37	2030
8D R0020	205	226	< 5	< 0.2	0.63	< 2	300	< 0.5	< 2	>15.00	< 0.5	3	14	1	1.00	< 10	1	0.11	10	0.47	445
8D R0021	205	226	< 5	< 0.2	0.80	< 2	230	< 0.5	< 2	>15.00	< 0.5	3	29	3	1.14	< 10	< 1	0.14	10	0.60	565
8D R0022	205	226	< 5	< 0.2	0.67	< 2	370	< 0.5	< 2	>15.00	< 0.5	3	22	1	1.10	< 10	< 1	0.10	10	0.53	455
8D R0023	205	226	< 5	< 0.2	0.41	< 2	150	< 0.5	< 2	14.05	< 0.5	1	56	4	0.99	< 10	< 1	0.08	< 10	0.53	385
8D R0025	205	226	< 5	< 0.2	0.37	< 2	250	< 0.5	< 2	2.04	< 0.5	5	83	120	1.73	< 10	< 1	0.05	< 10	0.76	2570
9D R00159	205	226	< 5	< 0.2	4.09	< 2	180	< 0.5	< 2	2.98	< 0.5	35	77	85	5.93	10	< 1	0.08	10	4.43	815
9D R00160	205	226	< 5	< 0.2	2.52	< 2	200	< 0.5	< 2	0.73	< 0.5	25	45	82	11.05	10	< 1	0.06	10	2.67	330
9D R00161	205	226	< 5	< 0.2	3.71	< 2	790	0.5	< 2	6.57	< 0.5	22	34	88	4.68	10	< 1	0.14	20	3.19	750
9D R00175	205	226	< 5	< 0.2	1.52	< 2	540	0.5	< 2	>15.00	< 0.5	5	28	6	1.79	< 10	1	0.24	10	1.04	310
9D R00182	205	226	< 5	< 0.2	3.73	< 2	410	< 0.5	< 2	2.24	< 0.5	16	92	25	5.82	10	< 1	0.10	10	3.30	1045
12D R0067	205	226	< 5	< 0.2	0.17	< 2	130	< 0.5	< 2	0.06	< 0.5	1	195	10	0.65	< 10	< 1	0.03	< 10	0.08	50
12D R0080	205	226	< 5	< 0.2	0.54	< 2	290	< 0.5	< 2	0.12	< 0.5	2	232	27	1.48	< 10	< 1	0.06	< 10	0.38	75

CERTIFICATION:

Chemex Labs Ltd.

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 15-SEP-97
Invoice No. :I9741567
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9741567

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
12A R0069	205	226	1	0.01	27	370	6	2	4	35	0.01	< 10	< 10	63	< 10	124
12A R0073	205	226	< 1	0.01	38	400	12	2	1	33	< 0.01	< 10	10	199	< 10	270
1B R0147	205	226	2	< 0.01	80	4000	10	2	9	36	< 0.01	< 10	10	52	< 10	152
1B R0160	205	226	< 1	0.01	16	1600	< 2	2	6	45	0.23	< 10	< 10	74	< 10	60
3B R0048	205	226	< 1	< 0.01	10	160	6	< 2	1	27	< 0.01	< 10	< 10	13	< 10	24
3B R0050	205	226	< 1	0.01	7	280	< 2	< 2	1	595	< 0.01	< 10	< 10	9	< 10	20
3B R0066	205	226	< 1	0.01	78	2670	2	< 2	10	85	0.10	< 10	10	143	< 10	146
3B R0072	205	226	< 1	0.08	202	2380	2	< 2	16	148	0.03	< 10	< 10	210	< 10	114
3B R0077	205	226	< 1	0.03	26	1810	2	< 2	13	55	0.30	< 10	10	216	< 10	116
3B R0078	205	226	< 1	< 0.01	15	480	6	< 2	3	266	< 0.01	< 10	< 10	26	< 10	30
3B R0080	205	226	< 1	0.01	8	3920	6	< 2	5	83	< 0.01	< 10	< 10	76	< 10	202
3B R0084	205	226	< 1	< 0.01	5	2320	< 2	< 2	4	51	0.31	< 10	< 10	115	< 10	172
3B R0085	205	226	< 1	0.01	4	720	< 2	< 2	7	44	0.16	< 10	< 10	137	< 10	86
3B R0086	205	226	< 1	0.02	11	2900	4	< 2	5	196	0.05	< 10	< 10	128	< 10	76
3B R0087	205	226	< 1	< 0.01	13	1670	< 2	< 2	11	48	0.48	< 10	< 10	195	< 10	54
3B R0090	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
6B R0156	205	226	< 1	< 0.01	46	1140	2	< 2	5	40	0.37	< 10	< 10	130	< 10	62
6 R0125	205	226	1	< 0.01	11	190	2	< 2	1	16	0.04	< 10	< 10	24	< 10	34
6C R0126	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
6C R0136	205	226	3	0.01	39	3040	< 2	< 2	4	115	0.02	< 10	< 10	79	< 10	78
6C R0153	205	226	< 1	< 0.01	8	80	2	< 2	< 1	13	< 0.01	< 10	< 10	8	< 10	10
2D R0081	205	226	< 1	0.01	20	130	8	< 2	3	14	< 0.01	< 10	< 10	14	< 10	98
4D R0080	205	226	< 1	< 0.01	12	50	2	< 2	< 1	5	< 0.01	< 10	< 10	9	< 10	16
4D R0137	205	226	3	< 0.01	61	250	< 2	< 2	1	16	< 0.01	< 10	< 10	26	< 10	78
4D R0198	205	226	< 1	0.01	25	1010	< 2	< 2	6	193	0.01	< 10	< 10	58	< 10	54
8D R0015	205	226	< 1	< 0.01	10	670	2	< 2	2	996	< 0.01	< 10	< 10	17	< 10	14
8D R0016	205	226	< 1	< 0.01	19	260	12	< 2	3	360	< 0.01	< 10	< 10	14	< 10	30
8D R0018	205	226	< 1	0.01	38	1540	2	< 2	13	568	< 0.01	< 10	< 10	135	< 10	80
8D R0020	205	226	< 1	< 0.01	8	1220	10	< 2	3	831	< 0.01	< 10	< 10	6	< 10	18
8D R0021	205	226	< 1	0.01	9	910	10	< 2	3	583	< 0.01	< 10	< 10	11	< 10	22
8D R0022	205	226	< 1	< 0.01	8	1390	10	< 2	3	629	< 0.01	< 10	< 10	6	< 10	20
8D R0023	205	226	< 1	< 0.01	7	640	8	< 2	1	527	< 0.01	< 10	< 10	6	< 10	16
8D R0025	205	226	< 1	< 0.01	12	340	10	< 2	3	127	< 0.01	< 10	< 10	15	< 10	50
9D R00159	205	226	< 1	0.07	136	1290	< 2	< 2	8	122	0.49	< 10	< 10	147	< 10	70
9D R00160	205	226	1	< 0.01	22	1740	8	< 2	10	22	0.47	< 10	< 10	245	< 10	62
9D R00161	205	226	< 1	0.12	47	1360	2	< 2	9	199	0.70	< 10	< 10	185	< 10	76
9D R00175	205	226	< 1	< 0.01	14	710	6	< 2	4	570	< 0.01	< 10	< 10	12	< 10	42
9D R00182	205	226	< 1	0.01	22	1240	6	< 2	12	94	0.01	< 10	< 10	130	< 10	86
12D R0067	205	226	< 1	< 0.01	6	40	2	< 2	< 1	9	< 0.01	< 10	< 10	6	< 10	8
12D R0080	205	226	< 1	< 0.01	11	80	< 2	< 2	1	26	< 0.01	< 10	< 10	17	< 10	22

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
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PHONE: 604-984-0221 FAX: 604-984-0218

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Page Number :3-A
Total Pages :4
Certificate Date: 15-SEP-97
Invoice No. :19741567
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9741567

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
12D R0108	205	226	< 5	< 0.2	4.27	< 2	3100	< 0.5	< 2	1.17	< 0.5	31	65	105	6.45	< 10	< 1	0.10	< 10	3.23	800
12D R0145	205	226	< 5	< 0.2	0.33	< 2	170	< 0.5	2	>15.00	< 0.5	3	8	1	1.71	< 10	< 1	0.09	< 10	0.49	390
12D R0146	205	226	< 5	< 0.2	5.06	< 2	150	0.5	< 2	1.78	< 0.5	35	12	34	9.12	20	< 1	0.17	20	4.23	925
12D R0147	205	226	< 5	< 0.2	3.20	< 2	120	1.0	< 2	0.79	0.5	15	79	3	4.67	20	< 1	0.04	40	2.65	415
12D R0148	205	226	< 5	< 0.2	4.65	< 2	160	0.5	< 2	2.02	< 0.5	34	8	37	8.83	20	< 1	0.17	10	4.10	770
12D R0149	205	226	< 5	< 0.2	0.17	< 2	210	< 0.5	< 2	>15.00	< 0.5	< 1	9	< 1	0.75	< 10	< 1	< 0.01	< 10	1.11	860
12D R0150	205	226	< 5	< 0.2	4.24	< 2	510	< 0.5	< 2	3.47	< 0.5	37	8	58	8.59	20	< 1	0.05	10	2.68	920
12D R0152	205	226	< 5	< 0.2	0.38	< 2	330	< 0.5	< 2	4.77	< 0.5	4	73	6	4.32	< 10	< 1	0.09	< 10	2.40	515
12D R0154	205	226	< 5	< 0.2	4.11	< 2	150	< 0.5	< 2	2.51	< 0.5	29	39	71	4.24	10	< 1	0.07	< 10	3.54	510
12D R0155	205	226	< 5	< 0.2	4.67	< 2	680	0.5	< 2	1.42	< 0.5	35	31	53	7.73	20	< 1	0.10	20	4.52	790
15D R0104	205	226	< 5	< 0.2	4.72	< 2	1720	< 0.5	< 2	3.16	< 0.5	20	16	100	4.68	10	< 1	0.11	10	2.59	755
15D R0105	205	226	< 5	< 0.2	4.68	< 2	1570	< 0.5	< 2	3.29	< 0.5	18	13	98	4.28	10	< 1	0.11	10	2.16	750
16D R0001	205	226	< 5	< 0.2	3.76	< 2	470	0.5	< 2	1.53	< 0.5	31	55	145	6.71	10	< 1	0.21	20	2.40	740
16D R0005	205	226	< 5	< 0.2	1.69	4	420	< 0.5	< 2	4.66	< 0.5	4	196	11	1.60	< 10	< 1	0.25	10	0.83	930
16D R0006	205	226	< 5	< 0.2	1.35	< 2	330	< 0.5	< 2	2.42	< 0.5	4	101	9	1.74	< 10	< 1	0.18	10	0.81	575
9R 0085	205	226	< 5	< 0.2	0.69	2	920	< 0.5	< 2	0.08	< 0.5	1	269	18	1.23	< 10	< 1	0.17	< 10	0.22	45
9S 0125	205	226	< 5	< 0.2	0.27	8	190	< 0.5	< 2	0.04	< 0.5	3	315	11	0.81	< 10	< 1	0.04	< 10	0.13	55
9S 0135	205	226	< 5	< 0.2	0.12	< 2	110	< 0.5	< 2	< 0.01	< 0.5	3	365	16	0.49	< 10	< 1	0.02	< 10	0.04	170
9S 0140	205	226	< 5	< 0.2	0.92	< 2	320	< 0.5	< 2	0.07	< 0.5	4	151	37	1.68	< 10	< 1	0.08	< 10	0.51	120
A7 0037	205	226	< 5	< 0.2	0.46	< 2	280	< 0.5	< 2	0.02	< 0.5	3	167	29	0.90	< 10	< 1	0.06	< 10	0.24	75
A7 0041	205	226	< 5	< 0.2	1.04	< 2	400	< 0.5	< 2	0.05	< 0.5	5	85	26	1.53	< 10	< 1	0.11	< 10	0.46	400
A7 0042	205	226	< 5	< 0.2	0.46	2	1430	< 0.5	< 2	0.02	< 0.5	3	139	45	1.08	< 10	< 1	0.13	< 10	0.12	120
A7 0043	205	226	< 5	< 0.2	1.18	< 2	490	< 0.5	< 2	0.05	0.5	6	78	107	1.63	< 10	< 1	0.14	< 10	0.65	85
A7 0044	205	226	< 5	< 0.2	0.48	< 2	240	< 0.5	< 2	< 0.01	< 0.5	2	234	13	0.86	< 10	< 1	0.05	< 10	0.26	60
A7 0059	205	226	< 5	< 0.2	0.81	10	800	0.5	< 2	0.03	< 0.5	1	136	57	3.16	< 10	< 1	0.19	< 10	0.07	205
A7 0060	205	226	< 5	< 0.2	0.42	< 2	360	< 0.5	< 2	0.02	< 0.5	1	239	36	0.98	< 10	< 1	0.05	< 10	0.25	280
A7 0061	205	226	< 5	< 0.2	1.29	< 2	650	< 0.5	< 2	0.06	< 0.5	3	35	45	1.68	< 10	< 1	0.31	< 10	0.46	200
A7 0063	205	226	< 5	< 0.2	0.51	4	350	< 0.5	< 2	0.01	< 0.5	1	189	17	0.76	< 10	< 1	0.07	< 10	0.09	50
C11R 0003	205	226	< 5	< 0.2	0.74	< 2	730	< 0.5	< 2	0.01	< 0.5	3	30	25	0.50	< 10	< 1	0.29	< 10	0.05	25
C11R 0004	205	226	< 5	< 0.2	5.19	< 2	6970	0.5	< 2	0.71	0.5	37	121	65	8.25	20	< 1	0.22	30	2.90	470
C11R 0005	205	226	< 5	< 0.2	0.22	< 2	330	< 0.5	< 2	< 0.01	< 0.5	1	187	17	1.08	< 10	< 1	0.09	< 10	0.02	320
C11R 0006	205	226	< 5	< 0.2	4.36	< 2	780	1.0	< 2	2.24	< 0.5	26	15	58	7.91	20	< 1	0.09	60	2.97	520
C11R 0007	205	226	10	< 0.2	0.29	< 2	430	< 0.5	< 2	< 0.01	< 0.5	5	105	52	1.20	< 10	< 1	0.10	< 10	0.02	205
C11R 0008	205	226	< 5	< 0.2	3.90	< 2	1310	0.5	< 2	5.79	< 0.5	24	98	47	6.25	10	1	0.12	20	2.28	1140
D7 0074	205	226	< 5	< 0.2	0.24	< 2	180	< 0.5	< 2	0.02	< 0.5	3	192	12	0.91	< 10	< 1	0.02	< 10	0.11	205
D7 0078	205	226	< 5	< 0.2	0.97	< 2	420	< 0.5	< 2	0.32	< 0.5	9	43	52	1.33	< 10	< 1	0.17	< 10	0.52	110
D7 0080	205	226	< 5	< 0.2	0.25	2	170	< 0.5	< 2	< 0.01	< 0.5	3	235	9	0.68	< 10	< 1	0.03	< 10	0.13	65
D7 0081	205	226	< 5	< 0.2	0.29	< 2	210	< 0.5	< 2	0.02	< 0.5	2	270	11	0.68	< 10	< 1	0.04	< 10	0.12	70
D7 0082	205	226	< 5	< 0.2	0.62	< 2	250	< 0.5	< 2	0.03	< 0.5	3	220	15	1.16	< 10	< 1	0.08	< 10	0.34	190
D7 0091	205	226	< 5	1.4	0.16	6	770	< 0.5	< 2	0.72	0.5	1	259	23	0.75	< 10	< 1	0.06	< 10	0.01	55

CERTIFICATION:_____

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CERTIFICATE OF ANALYSIS A9741567

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
12D R0108	205	226	< 1	< 0.01	74	510	< 2	< 2	9	35	0.40	< 10	< 10	114	< 10	102
12D R0145	205	226	< 1	< 0.01	6	100	< 2	< 2	1	903	< 0.01	< 10	< 10	4	< 10	12
12D R0146	205	226	< 1	< 0.01	15	1590	< 2	< 2	13	40	0.56	< 10	< 10	200	< 10	120
12D R0147	205	226	< 1	0.07	29	620	2	< 2	9	28	0.10	< 10	< 10	89	< 10	154
12D R0148	205	226	< 1	< 0.01	14	1620	< 2	< 2	11	42	0.48	< 10	< 10	179	< 10	138
12D R0149	205	226	< 1	< 0.01	5	190	< 2	< 2	1	477	< 0.01	< 10	< 10	4	< 10	< 2
12D R0150	205	226	< 1	< 0.01	23	1270	2	< 2	7	146	0.32	< 10	< 10	146	< 10	100
12D R0152	205	226	< 1	< 0.01	15	180	2	< 2	3	328	< 0.01	< 10	< 10	13	< 10	42
12D R0154	205	226	< 1	< 0.01	116	780	< 2	< 2	2	37	0.21	< 10	< 10	71	< 10	54
12D R0155	205	226	< 1	< 0.01	25	1690	< 2	< 2	14	33	0.48	< 10	< 10	267	< 10	94
15D R0104	205	226	< 1	0.01	20	1270	< 2	2	8	52	0.36	< 10	< 10	141	< 10	60
15D R0105	205	226	< 1	0.01	19	1200	< 2	< 2	6	47	0.32	< 10	< 10	122	< 10	52
16D R0001	205	226	< 1	< 0.01	70	1730	< 2	< 2	7	46	0.54	< 10	< 10	194	< 10	86
16D R0005	205	226	< 1	< 0.01	10	410	2	< 2	2	94	0.02	< 10	< 10	24	< 10	40
16D R0006	205	226	< 1	< 0.01	9	370	< 2	< 2	1	35	0.01	< 10	< 10	20	< 10	40
9R 0085	205	226	< 1	< 0.01	10	160	< 2	< 2	1	33	< 0.01	< 10	< 10	14	< 10	56
9S 0125	205	226	< 1	< 0.01	9	50	< 2	< 2	< 1	6	< 0.01	< 10	< 10	14	< 10	12
9S 0135	205	226	< 1	< 0.01	9	30	2	< 2	< 1	3	< 0.01	< 10	< 10	4	< 10	6
9S 0140	205	226	< 1	0.01	20	150	< 2	< 2	2	18	< 0.01	< 10	< 10	22	< 10	40
A7 0037	205	226	< 1	< 0.01	10	120	6	< 2	1	12	< 0.01	< 10	< 10	11	< 10	26
A7 0041	205	226	< 1	< 0.01	21	110	2	< 2	1	7	< 0.01	< 10	< 10	13	< 10	76
A7 0042	205	226	1	< 0.01	15	160	6	< 2	1	48	< 0.01	< 10	< 10	23	< 10	56
A7 0043	205	226	< 1	< 0.01	22	160	8	< 2	2	19	< 0.01	< 10	< 10	29	< 10	80
A7 0044	205	226	< 1	< 0.01	9	40	2	< 2	< 1	6	< 0.01	< 10	< 10	8	< 10	24
A7 0059	205	226	< 1	< 0.01	7	450	6	< 2	3	23	< 0.01	< 10	< 10	70	< 10	44
A7 0060	205	226	< 1	< 0.01	10	60	2	< 2	1	11	< 0.01	< 10	< 10	16	< 10	26
A7 0061	205	226	< 1	0.01	11	130	6	< 2	2	19	< 0.01	< 10	< 10	13	< 10	44
A7 0063	205	226	< 1	< 0.01	8	60	2	< 2	1	8	< 0.01	< 10	< 10	15	< 10	14
C11R 0003	205	226	< 1	< 0.01	4	120	< 2	< 2	1	20	< 0.01	< 10	< 10	6	< 10	14
C11R 0004	205	226	< 1	0.01	79	2070	2	< 2	15	60	< 0.01	< 10	< 10	230	< 10	116
C11R 0005	205	226	< 1	< 0.01	10	120	2	< 2	1	7	< 0.01	< 10	< 10	8	< 10	20
C11R 0006	205	226	< 1	0.02	17	4750	4	< 2	2	146	0.03	< 10	< 10	47	< 10	142
C11R 0007	205	226	< 1	< 0.01	11	50	4	< 2	2	9	< 0.01	< 10	< 10	9	< 10	22
C11R 0008	205	226	< 1	0.01	51	1630	2	< 2	11	142	< 0.01	< 10	< 10	151	< 10	88
D7 0074	205	226	< 1	< 0.01	10	50	2	< 2	< 1	5	< 0.01	< 10	< 10	4	< 10	26
D7 0078	205	226	< 1	< 0.01	16	240	6	< 2	3	25	< 0.01	< 10	< 10	25	< 10	62
D7 0080	205	226	< 1	< 0.01	8	30	< 2	< 2	< 1	5	< 0.01	< 10	< 10	7	< 10	12
D7 0081	205	226	< 1	< 0.01	9	40	< 2	< 2	< 1	6	< 0.01	< 10	< 10	8	< 10	16
D7 0082	205	226	< 1	0.01	10	40	2	< 2	1	9	< 0.01	< 10	< 10	10	< 10	20
D7 0091	205	226	5	< 0.01	25	2730	< 2	< 2	1	66	< 0.01	< 10	< 10	162	< 10	34

CERTIFICATION:

Chemex Labs Ltd.

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

To: INTERNATIONAL KODIAK RESOURCES INC. **
1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Page Number :4-A
Total Pages :4
Certificate Date: 15-SEP-97
Invoice No. :I9741567
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9741567

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
D7 0093	205	226	< 5	< 0.2	1.48	< 2	1090	< 0.5	< 2	0.09	< 0.5	3	33	36	1.83	< 10	< 1	0.36	10	0.53	95
D7 0095	205	226	< 5	< 0.2	0.72	2	460	< 0.5	< 2	9.89	< 0.5	4	96	12	1.08	< 10	< 1	0.10	10	1.02	570
D7 0096	205	226	< 5	< 0.2	0.30	< 2	280	< 0.5	< 2	3.39	< 0.5	2	157	11	0.54	< 10	< 1	0.04	< 10	0.27	275
D7 0100	205	226	< 5	< 0.2	0.82	< 2	200	< 0.5	< 2	0.25	< 0.5	6	96	12	0.97	< 10	< 1	0.07	10	0.44	75
D7 0105	205	226	< 5	< 0.2	1.37	2	360	< 0.5	< 2	0.35	< 0.5	7	66	8	3.59	< 10	< 1	0.06	40	0.49	290
D7 0106	205	226	< 5	< 0.2	1.17	< 2	160	< 0.5	< 2	0.40	< 0.5	3	65	70	1.69	< 10	< 1	0.07	< 10	1.02	505
D7 0107	205	226	< 5	< 0.2	0.60	< 2	1140	< 0.5	< 2	>15.00	< 0.5	< 1	14	2	1.01	< 10	< 1	0.05	10	1.01	1340
D7 0109	205	226	< 5	< 0.2	0.51	< 2	550	< 0.5	< 2	1.70	< 0.5	3	132	9	1.16	< 10	< 1	0.04	< 10	0.87	4380
D7 0110	205	226	< 5	< 0.2	4.49	< 2	510	0.5	< 2	0.68	< 0.5	22	127	52	6.65	10	< 1	0.13	20	2.57	535
D7 0111	205	226	< 5	< 0.2	0.38	< 2	500	< 0.5	< 2	9.93	< 0.5	< 1	52	9	1.62	< 10	< 1	0.09	20	3.26	1425
D7 0112	205	226	< 5	< 0.2	0.51	< 2	640	< 0.5	< 2	>15.00	< 0.5	< 1	12	< 1	0.70	< 10	< 1	0.07	< 10	0.67	1135
D7 0113	205	226	< 5	< 0.2	0.55	4	380	< 0.5	< 2	>15.00	< 0.5	2	12	55	1.08	< 10	< 1	0.07	10	0.67	>10000
D7 0115	205	226	< 5	< 0.2	1.25	4	540	0.5	< 2	3.41	0.5	7	65	24	1.92	< 10	< 1	0.30	10	0.76	2100
D7 0118	205	226	< 5	< 0.2	0.85	4	150	< 0.5	< 2	0.07	< 0.5	3	184	92	1.12	< 10	< 1	0.08	< 10	0.04	155
D7 0120	205	226	< 5	< 0.2	0.15	< 2	220	< 0.5	< 2	0.11	< 0.5	2	245	12	0.45	< 10	< 1	0.03	< 10	0.06	435
D7 0126	205	226	< 5	< 0.2	2.12	< 2	540	< 0.5	< 2	0.44	< 0.5	6	100	9	3.34	10	< 1	0.12	40	1.06	330
D7 0127	205	226	< 5	< 0.2	1.56	2	510	< 0.5	< 2	0.24	< 0.5	9	80	89	2.53	< 10	< 1	0.12	< 10	0.75	425
D7 0130	205	226	< 5	0.8	0.59	< 2	190	< 0.5	< 2	0.01	< 0.5	3	184	13	0.94	< 10	< 1	0.05	< 10	0.31	435
D7 0133	205	226	< 5	< 0.2	3.82	< 2	430	0.5	< 2	1.17	< 0.5	28	9	29	7.50	10	< 1	0.17	10	2.93	630
D7 0134	205	226	< 5	< 0.2	2.30	< 2	130	0.5	< 2	0.92	< 0.5	9	107	5	2.49	10	< 1	0.10	30	2.42	215
D7 0137	205	226	< 5	< 0.2	4.88	< 2	520	0.5	< 2	1.86	0.5	34	19	63	7.74	20	< 1	0.20	20	4.18	745
D7 0140	205	226	< 5	0.6	3.64	< 2	130	1.5	< 2	0.20	< 0.5	8	57	6	3.30	10	< 1	0.05	< 10	4.19	240
D7 0146	205	226	< 5	< 0.2	4.08	< 2	2200	< 0.5	< 2	2.41	< 0.5	17	47	61	3.99	10	< 1	0.17	10	1.87	605
D7 0150	205	226	< 5	< 0.2	4.11	< 2	210	< 0.5	< 2	1.63	< 0.5	21	101	55	4.55	10	< 1	0.06	10	3.00	750
D7 0157	205	226	< 5	< 0.2	3.75	< 2	590	0.5	< 2	3.27	< 0.5	26	6	19	6.66	20	< 1	0.19	30	2.54	905
D7 0158	205	226	15	< 0.2	0.30	8	130	< 0.5	< 2	2.09	< 0.5	3	108	10	0.87	< 10	< 1	0.01	< 10	1.07	160
D7 0159	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
D7 0160	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
D7 0161	205	226	< 5	< 0.2	3.78	< 2	260	< 0.5	< 2	2.74	< 0.5	24	8	132	6.87	20	1	0.04	30	3.24	915
D7 0162	205	226	10	< 0.2	4.46	8	940	< 0.5	< 2	2.73	< 0.5	23	85	80	3.63	10	< 1	0.15	10	3.07	595
D7 0163	205	226	< 5	< 0.2	3.78	< 2	230	0.5	< 2	1.67	< 0.5	21	6	21	7.65	20	< 1	0.15	50	3.75	855
D7 0164	205	226	< 5	< 0.2	5.61	< 2	440	0.5	< 2	2.53	< 0.5	35	9	172	8.19	20	< 1	0.04	10	2.92	1205

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Page Number :4-B
Total Pages :4
Certificate Date: 15-SEP-97
Invoice No. :I9741567
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9741567

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
D7 0093	205	226	1	0.01	11	220	2	< 2	3	21	< 0.01	< 10	< 10	24	< 10	50
D7 0095	205	226	< 1	0.01	10	930	8	< 2	1	410	< 0.01	< 10	< 10	19	< 10	30
D7 0096	205	226	< 1	< 0.01	7	210	< 2	< 2	< 1	101	< 0.01	< 10	< 10	5	< 10	18
D7 0100	205	226	< 1	0.04	11	810	12	< 2	1	19	< 0.01	< 10	< 10	18	< 10	20
D7 0105	205	226	< 1	0.03	13	1070	12	< 2	5	15	< 0.01	< 10	< 10	42	< 10	84
D7 0106	205	226	< 1	< 0.01	12	270	2	< 2	1	21	< 0.01	< 10	< 10	10	< 10	26
D7 0107	205	226	< 1	< 0.01	6	130	< 2	< 2	1	528	< 0.01	< 10	< 10	4	< 10	10
D7 0109	205	226	< 1	< 0.01	11	190	< 2	< 2	1	67	< 0.01	< 10	< 10	6	< 10	12
D7 0110	205	226	< 1	< 0.01	59	1310	6	< 2	13	25	< 0.01	< 10	< 10	142	< 10	104
D7 0111	205	226	< 1	0.01	4	920	2	< 2	1	467	< 0.01	< 10	< 10	5	< 10	10
D7 0112	205	226	< 1	< 0.01	6	60	< 2	< 2	1	1260	< 0.01	< 10	< 10	7	< 10	2
D7 0113	205	226	< 1	< 0.01	9	210	2	< 2	2	753	< 0.01	< 10	< 10	6	< 10	18
D7 0115	205	226	1	< 0.01	16	730	4	< 2	4	121	< 0.01	< 10	< 10	31	< 10	86
D7 0118	205	226	< 1	< 0.01	23	90	2	< 2	3	11	< 0.01	< 10	< 10	17	< 10	44
D7 0120	205	226	< 1	< 0.01	7	40	2	< 2	< 1	8	< 0.01	< 10	< 10	4	< 10	12
D7 0126	205	226	< 1	0.03	12	990	4	< 2	6	20	< 0.01	< 10	< 10	49	< 10	104
D7 0127	205	226	< 1	< 0.01	21	680	4	< 2	3	25	< 0.01	< 10	< 10	31	< 10	52
D7 0130	205	226	< 1	< 0.01	12	70	< 2	< 2	1	7	< 0.01	< 10	< 10	10	< 10	28
D7 0133	205	226	< 1	0.04	5	1530	2	< 2	11	46	0.38	< 10	< 10	136	< 10	120
D7 0134	205	226	< 1	0.04	43	2800	< 2	< 2	6	23	0.05	< 10	< 10	210	< 10	70
D7 0137	205	226	< 1	0.01	25	1730	2	< 2	12	53	0.06	< 10	< 10	298	< 10	164
D7 0140	205	226	< 1	0.01	21	510	< 2	< 2	6	9	0.03	< 10	< 10	57	< 10	26
D7 0146	205	226	< 1	0.01	32	1200	< 2	< 2	6	47	0.25	< 10	< 10	88	< 10	56
D7 0150	205	226	< 1	0.01	48	950	< 2	< 2	6	22	0.31	< 10	< 10	103	< 10	52
D7 0157	205	226	< 1	0.07	6	2360	2	< 2	11	91	0.19	< 10	< 10	164	< 10	164
D7 0158	205	226	1	< 0.01	6	90	< 2	< 2	1	72	< 0.01	< 10	< 10	16	< 10	12
D7 0159	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
D7 0160	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
D7 0161	205	226	< 1	0.01	28	3010	2	< 2	9	90	0.01	< 10	< 10	233	< 10	62
D7 0162	205	226	< 1	< 0.01	72	810	2	< 2	5	35	0.28	< 10	< 10	96	< 10	52
D7 0163	205	226	< 1	< 0.01	< 1	2550	4	< 2	5	53	0.34	< 10	< 10	126	< 10	106
D7 0164	205	226	< 1	< 0.01	27	1780	2	< 2	10	46	0.55	< 10	< 10	296	< 10	102

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9741612

Comments: ATTN: GEORGE NICHOLSON

CERTIFICATE A9741612

(PHY) - INTERNATIONAL KODIAK RESOURCES INC.

Project:
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 19-SEP-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	103	Dry, sieve to -80 mesh
202	103	save reject
229	103	ICP - AQ Digestion charge

* NOTE 1:

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

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	103	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2118	103	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	103	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	103	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	103	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	103	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	103	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	103	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	103	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	103	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	103	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	103	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	103	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	103	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	103	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	103	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	103	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	103	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	103	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	103	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	103	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	103	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	103	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	103	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	103	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	103	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	103	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	103	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	103	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	103	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	103	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	103	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	103	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

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To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 19-SEP-97
Invoice No. :I9741612
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9741612

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
10AS-0067	201	202	< 5	< 0.2	0.70	4	150	< 0.5	< 2	0.06	< 0.5	3	19	35	1.80	< 10	< 1	0.03	< 10	0.04	75
10AS-0068	201	202	< 5	< 0.2	1.59	2	440	< 0.5	< 2	0.65	0.5	9	18	32	2.23	< 10	1	0.15	10	0.75	345
10AS-0069	201	202	< 5	0.2	0.89	8	660	< 0.5	< 2	0.07	< 0.5	3	23	55	1.93	< 10	< 1	0.08	< 10	0.04	75
10AS-0070	201	202	20	0.8	0.89	38	670	< 0.5	< 2	0.04	< 0.5	4	32	63	4.68	< 10	1	0.34	10	0.10	115
10AS-0071	201	202	15	1.6	1.61	20	690	0.5	< 2	0.40	< 0.5	17	36	76	3.94	< 10	2	0.29	10	0.29	1535
10AS-0072	201	202	10	1.2	1.97	12	1700	0.5	< 2	0.65	0.5	10	35	68	2.80	< 10	< 1	0.25	10	0.52	540
10AS-0073	201	202	185	1.0	2.18	2	1720	0.5	< 2	0.65	0.5	13	33	59	2.23	< 10	< 1	0.31	10	0.64	745
10AS-0074	201	202	10	0.6	1.72	< 2	1140	0.5	< 2	0.62	1.0	18	26	51	2.32	< 10	< 1	0.17	10	0.48	2030
10AS-0075	201	202	< 5	0.6	1.94	2	990	0.5	< 2	0.60	0.5	15	28	52	3.05	< 10	< 1	0.25	10	0.56	1060
10AS-0076	201	202	< 5	< 0.2	1.83	< 2	520	0.5	< 2	0.68	< 0.5	7	23	30	1.91	< 10	< 1	0.25	10	0.76	285
10AS-0077	201	202	< 5	< 0.2	1.69	< 2	420	0.5	< 2	0.46	< 0.5	8	19	27	2.37	< 10	< 1	0.25	10	0.77	325
10AS-0078	201	202	< 5	< 0.2	1.91	< 2	480	0.5	< 2	0.62	0.5	10	22	34	2.57	< 10	< 1	0.26	20	0.88	475
10AS-0079	201	202	< 5	0.2	1.93	< 2	540	0.5	< 2	0.92	0.5	10	23	44	2.59	< 10	< 1	0.25	20	0.85	620
10AS-0080	201	202	< 5	< 0.2	2.02	4	540	0.5	< 2	0.77	0.5	13	28	49	3.22	< 10	< 1	0.25	20	0.80	755
10AS-0081	201	202	< 5	< 0.2	2.06	6	500	0.5	< 2	0.61	0.5	13	26	52	3.39	< 10	< 1	0.31	20	0.89	765
10AS-0082	201	202	< 5	< 0.2	1.70	< 2	330	0.5	< 2	0.54	0.5	11	22	37	2.72	< 10	< 1	0.17	20	0.86	735
10AS-0083	201	202	< 5	0.2	1.48	< 2	420	0.5	< 2	0.84	0.5	10	20	48	2.29	< 10	< 1	0.13	10	0.65	560
10AS-0084	201	202	< 5	0.2	1.67	8	410	0.5	< 2	0.66	0.5	11	22	44	2.70	< 10	< 1	0.18	20	0.79	545
10AS-0085	201	202	< 5	0.2	1.85	8	500	0.5	< 2	0.66	0.5	12	24	72	3.22	< 10	< 1	0.27	20	0.84	670
10AS-0086	201	202	< 5	0.2	1.45	< 2	340	< 0.5	< 2	1.13	1.0	7	20	50	1.72	< 10	1	0.13	10	0.57	295
10AS-0087	201	202	< 5	0.2	1.78	4	420	0.5	< 2	0.73	0.5	11	23	47	2.68	< 10	< 1	0.22	20	0.76	640
10AS-0088	201	202	< 5	0.2	1.84	< 2	420	0.5	< 2	0.89	4.0	24	35	64	3.18	< 10	< 1	0.18	10	0.79	3690
10AS-0089	201	202	< 5	< 0.2	1.84	8	750	0.5	< 2	0.60	4.0	35	31	71	3.99	< 10	< 1	0.24	20	0.82	3540
10AS-0090	201	202	< 5	0.2	1.61	6	640	0.5	< 2	0.76	8.5	33	25	69	3.17	< 10	< 1	0.19	10	0.72	5620
10AS-0091	201	202	< 5	0.2	1.78	6	690	0.5	< 2	0.69	5.5	99	26	64	3.85	< 10	1	0.23	20	0.73	6950
10AS-0092	201	202	< 5	< 0.2	1.69	6	760	0.5	< 2	0.56	5.5	51	21	76	3.57	< 10	< 1	0.25	20	0.78	4820
10AS-0093	201	202	< 5	< 0.2	1.56	< 2	440	0.5	< 2	0.64	2.5	24	24	46	2.72	< 10	< 1	0.19	10	0.67	2100
10AS-0094	201	202	< 5	< 0.2	1.95	22	600	1.0	< 2	0.73	3.5	31	27	79	4.56	< 10	< 1	0.32	30	0.95	2890
10AS-0095	201	202	< 5	< 0.2	1.93	8	570	1.0	< 2	0.58	4.0	35	27	72	3.98	< 10	< 1	0.34	30	0.89	3660
10AS-0096	201	202	< 5	< 0.2	1.72	16	540	0.5	< 2	0.60	3.0	28	24	67	3.83	< 10	< 1	0.25	30	0.83	3140
10AS-0097	201	202	< 5	< 0.2	1.62	8	440	0.5	< 2	0.73	2.5	28	24	59	3.19	< 10	< 1	0.16	20	0.78	2240
10AS-0098	201	202	20	< 0.2	1.59	10	490	0.5	< 2	0.67	4.0	32	23	64	3.81	< 10	< 1	0.19	20	0.89	3670
10AS-0099	201	202	< 5	< 0.2	1.51	10	370	0.5	< 2	0.82	2.0	20	23	52	2.61	< 10	< 1	0.15	20	0.72	1500
10AS-0100	201	202	10	0.2	1.63	6	420	0.5	< 2	0.93	0.5	13	34	60	2.88	< 10	< 1	0.15	20	0.78	580
10AS-0101	201	202	5	0.2	1.64	2	410	0.5	< 2	0.91	1.0	13	31	60	2.62	< 10	< 1	0.20	20	0.82	590
10AS-0102	201	202	< 5	0.2	1.51	10	380	0.5	< 2	0.94	1.0	11	28	52	2.50	< 10	< 1	0.16	10	0.69	590
10AS-0103	201	202	< 5	0.2	1.65	8	430	0.5	< 2	1.22	2.0	15	29	60	2.57	< 10	< 1	0.21	20	0.78	1080
10AS-0104	201	202	< 5	0.2	1.71	6	400	0.5	< 2	1.08	1.5	14	30	59	2.65	< 10	< 1	0.22	20	0.80	840
12AS-0061	201	202	< 5	< 0.2	1.84	< 2	600	0.5	< 2	1.08	< 0.5	8	25	23	2.02	< 10	< 1	0.22	10	0.66	530
12AS-0062	201	202	< 5	< 0.2	1.94	< 2	560	0.5	< 2	1.07	< 0.5	10	24	26	2.37	< 10	< 1	0.23	10	0.90	510

CERTIFICATION:

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

To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Page Number :1-B
Total Pages :3
Certificate Date: 19-SEP-97
Invoice No. :I9741612
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9741612

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
10AS-0067	201	202	1	0.01	14	1120	8	< 2	< 1	12	< 0.01	< 10	< 10	34	< 10	42
10AS-0068	201	202	2	< 0.01	27	940	6	< 2	3	60	0.01	< 10	< 10	40	< 10	124
10AS-0069	201	202	2	< 0.01	11	1010	10	< 2	< 1	32	< 0.01	< 10	< 10	46	< 10	42
10AS-0070	201	202	14	0.01	21	1330	30	2	3	126	< 0.01	< 10	< 10	95	< 10	76
10AS-0071	201	202	13	< 0.01	35	1700	22	2	5	135	< 0.01	< 10	< 10	91	< 10	88
10AS-0072	201	202	7	< 0.01	32	1530	18	< 2	6	113	< 0.01	< 10	< 10	85	< 10	102
10AS-0073	201	202	4	< 0.01	34	1360	14	2	5	99	< 0.01	< 10	< 10	81	< 10	118
10AS-0074	201	202	3	< 0.01	35	1140	8	< 2	4	67	0.01	< 10	< 10	57	< 10	126
10AS-0075	201	202	5	< 0.01	34	1270	10	< 2	4	72	< 0.01	< 10	< 10	72	< 10	132
10AS-0076	201	202	1	< 0.01	25	870	4	< 2	4	61	0.01	< 10	< 10	49	< 10	116
10AS-0077	201	202	1	< 0.01	25	940	8	< 2	3	56	< 0.01	< 10	< 10	46	< 10	120
10AS-0078	201	202	3	< 0.01	31	1020	8	< 2	3	65	< 0.01	< 10	< 10	52	< 10	142
10AS-0079	201	202	3	< 0.01	32	1080	10	< 2	4	78	0.01	< 10	< 10	56	< 10	140
10AS-0080	201	202	2	< 0.01	34	1030	12	< 2	4	67	0.03	< 10	< 10	68	< 10	138
10AS-0081	201	202	4	< 0.01	37	1120	10	< 2	4	71	0.01	< 10	< 10	64	< 10	162
10AS-0082	201	202	2	< 0.01	36	920	12	< 2	4	58	0.01	< 10	< 10	46	< 10	148
10AS-0083	201	202	3	< 0.01	32	970	10	< 2	4	67	0.01	< 10	< 10	43	< 10	128
10AS-0084	201	202	3	< 0.01	34	1070	8	< 2	4	63	0.01	< 10	< 10	50	< 10	146
10AS-0085	201	202	4	< 0.01	38	1250	14	2	4	86	0.01	< 10	< 10	57	< 10	176
10AS-0086	201	202	1	< 0.01	32	1090	4	< 2	4	85	0.01	< 10	< 10	36	< 10	118
10AS-0087	201	202	3	< 0.01	35	1060	10	< 2	4	69	0.01	< 10	< 10	53	< 10	150
10AS-0088	201	202	3	< 0.01	77	1040	8	< 2	5	78	0.04	< 10	< 10	56	< 10	230
10AS-0089	201	202	4	< 0.01	82	1350	10	< 2	4	70	0.02	< 10	< 10	59	< 10	286
10AS-0090	201	202	5	< 0.01	110	1270	8	< 2	4	70	0.02	< 10	< 10	54	< 10	308
10AS-0091	201	202	4	< 0.01	101	1260	10	< 2	4	73	0.01	< 10	< 10	59	< 10	308
10AS-0092	201	202	4	< 0.01	94	1180	10	< 2	4	69	0.01	< 10	< 10	51	< 10	310
10AS-0093	201	202	3	< 0.01	57	1150	8	2	4	64	0.02	< 10	< 10	48	< 10	212
10AS-0094	201	202	10	< 0.01	75	1490	16	< 2	4	83	< 0.01	< 10	< 10	65	< 10	326
10AS-0095	201	202	5	< 0.01	83	1350	14	< 2	4	77	< 0.01	< 10	< 10	62	< 10	290
10AS-0096	201	202	5	< 0.01	68	1320	16	< 2	4	77	0.01	< 10	< 10	55	< 10	268
10AS-0097	201	202	4	< 0.01	57	1210	14	< 2	4	76	0.01	< 10	< 10	48	< 10	232
10AS-0098	201	202	5	< 0.01	75	1220	14	< 2	4	74	0.01	< 10	< 10	50	< 10	282
10AS-0099	201	202	3	< 0.01	47	1080	8	< 2	4	71	0.01	< 10	< 10	44	< 10	186
10AS-0100	201	202	3	< 0.01	43	1380	10	< 2	5	83	0.04	< 10	< 10	51	< 10	150
10AS-0101	201	202	3	< 0.01	42	1330	10	< 2	4	79	0.03	< 10	< 10	55	< 10	160
10AS-0102	201	202	1	< 0.01	37	1110	6	< 2	4	73	0.04	< 10	< 10	48	< 10	144
10AS-0103	201	202	3	< 0.01	43	1180	6	< 2	4	92	0.03	< 10	< 10	53	< 10	168
10AS-0104	201	202	2	< 0.01	44	1230	8	< 2	5	85	0.03	< 10	< 10	57	< 10	168
12AS-0061	201	202	< 1	< 0.01	20	820	8	< 2	4	61	0.01	< 10	< 10	42	< 10	90
12AS-0062	201	202	1	< 0.01	21	900	8	< 2	4	56	< 0.01	< 10	< 10	33	< 10	92

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To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 19-SEP-97
Invoice No. :19741612
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9741612

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
12AS-0063	201	202	< 5	< 0.2	2.42	4	540	0.5	< 2	0.62	< 0.5	12	31	25	3.13	< 10	< 1	0.37	10	1.11	575
12AS-0064A	201	202	< 5	1.0	1.49	28	740	0.5	< 2	0.89	9.5	16	48	98	3.67	< 10	< 1	0.28	20	0.55	1410
12AS-0064B	201	202	< 5	< 0.2	2.24	< 2	470	0.5	< 2	0.57	< 0.5	13	29	24	3.19	< 10	< 1	0.29	10	1.06	725
12AS-0065	201	202	< 5	< 0.2	2.05	6	560	0.5	< 2	0.53	< 0.5	13	27	34	3.38	< 10	< 1	0.31	10	0.95	1570
12AS-0066	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
12AS-0067	201	202	< 5	< 0.2	1.95	10	500	0.5	< 2	0.53	0.5	14	25	33	3.35	< 10	< 1	0.27	10	0.92	870
12AS-0070	201	202	< 5	0.6	1.25	8	1360	0.5	< 2	1.30	1.0	9	20	72	1.97	< 10	< 1	0.13	10	0.42	650
12AS-0071	201	202	< 5	< 0.2	1.70	10	600	0.5	< 2	0.66	0.5	12	25	41	3.36	< 10	< 1	0.24	10	0.79	780
12AS-0072	201	202	< 5	< 0.2	2.04	8	760	0.5	< 2	0.57	0.5	12	29	37	3.35	< 10	< 1	0.31	10	0.91	655
12AS-0073	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
12AS-0074	201	202	< 5	< 0.2	2.11	8	880	0.5	< 2	0.52	0.5	14	33	51	4.05	< 10	< 1	0.37	10	0.87	870
12AS-0075	201	202	< 5	0.2	1.85	20	760	0.5	< 2	0.60	1.0	15	31	63	4.51	< 10	< 1	0.33	10	0.73	1235
15AS-0015	201	202	< 5	0.6	1.84	4	880	< 0.5	< 2	0.47	0.5	7	28	39	1.79	< 10	< 1	0.13	10	0.50	290
15AS-0036	201	202	< 5	< 0.2	1.93	8	600	0.5	< 2	0.59	< 0.5	7	24	31	2.16	< 10	< 1	0.25	20	0.77	195
15AS-0037	201	202	< 5	0.2	1.83	< 2	610	0.5	< 2	0.82	0.5	9	23	34	2.11	< 10	< 1	0.22	10	0.68	775
15AS-0038	201	202	< 5	0.2	2.05	2	680	0.5	< 2	0.69	0.5	9	26	30	2.05	< 10	< 1	0.31	10	0.74	570
15AS-0039	201	202	< 5	0.8	1.92	8	810	0.5	< 2	0.83	1.0	17	26	48	3.19	< 10	< 1	0.19	10	0.64	2340
15AS-0040	201	202	< 5	0.2	1.66	6	600	0.5	< 2	0.48	0.5	11	25	36	2.26	< 10	< 1	0.15	10	0.50	760
15AS-0041	201	202	< 5	0.2	2.43	6	670	0.5	< 2	0.61	0.5	9	32	45	2.28	< 10	< 1	0.34	20	0.80	370
15AS-0042	201	202	< 5	< 0.2	2.07	10	500	0.5	< 2	0.49	1.0	13	25	43	3.48	< 10	< 1	0.36	20	0.78	745
15AS-0043	201	202	< 5	0.2	1.41	< 2	390	< 0.5	< 2	0.76	1.0	7	21	42	1.84	< 10	< 1	0.08	10	0.53	320
15AS-0044	201	202	< 5	< 0.2	1.31	6	390	< 0.5	< 2	0.74	0.5	6	16	29	1.54	< 10	< 1	0.09	10	0.56	185
15AS-0045	201	202	< 5	0.2	1.27	2	360	< 0.5	< 2	0.64	0.5	6	18	33	1.49	< 10	< 1	0.08	10	0.52	160
15AS-0046	201	202	< 5	0.2	1.33	< 2	350	< 0.5	< 2	0.54	0.5	6	18	25	1.45	< 10	< 1	0.10	10	0.52	145
15AS-0047	201	202	< 5	< 0.2	2.14	14	440	1.0	< 2	0.54	1.0	14	26	49	3.76	< 10	< 1	0.36	30	0.98	625
15AS-0048	201	202	< 5	0.2	1.81	< 2	340	0.5	< 2	0.85	0.5	8	26	39	1.95	< 10	< 1	0.18	20	0.73	200
15AS-0049	201	202	< 5	< 0.2	2.20	2	440	0.5	< 2	0.72	0.5	10	30	41	2.59	< 10	< 1	0.32	30	0.94	255
15AS-0050	201	202	< 5	0.2	2.05	6	360	0.5	< 2	0.94	0.5	10	26	53	2.41	< 10	< 1	0.24	30	1.01	460
15AS-0051	201	202	< 5	< 0.2	1.97	< 2	390	0.5	< 2	0.74	0.5	11	26	46	2.55	< 10	< 1	0.18	30	0.93	345
15AS-0052	201	202	< 5	< 0.2	2.14	2	450	0.5	< 2	0.83	0.5	11	29	48	2.52	< 10	< 1	0.26	20	0.90	330
15AS-0053	201	202	< 5	< 0.2	2.06	6	440	0.5	< 2	0.75	0.5	12	28	46	2.76	< 10	< 1	0.21	30	0.93	375
15AS-0054	201	202	< 5	< 0.2	1.99	2	350	0.5	< 2	0.77	0.5	10	26	44	2.57	< 10	< 1	0.22	30	0.97	315
15AS-0055	201	202	< 5	< 0.2	1.70	8	370	0.5	< 2	0.76	0.5	10	25	42	2.28	< 10	< 1	0.13	20	0.82	355
15AS-0056	201	202	< 5	< 0.2	1.60	6	330	0.5	< 2	0.71	0.5	10	23	39	2.33	< 10	< 1	0.12	20	0.84	295
15AS-0057	201	202	< 5	< 0.2	1.46	2	330	0.5	< 2	0.78	0.5	10	21	41	2.20	< 10	< 1	0.09	10	0.79	285
15AS-0058	201	202	< 5	< 0.2	1.53	2	290	0.5	< 2	0.65	0.5	12	22	45	2.79	< 10	< 1	0.10	20	0.90	365
15AS-0059	201	202	< 5	0.4	1.57	2	240	0.5	< 2	0.97	0.5	9	22	46	2.23	< 10	< 1	0.10	20	0.94	305
15AS-0060	201	202	< 5	< 0.2	1.96	8	370	0.5	< 2	0.83	0.5	11	27	48	2.67	< 10	< 1	0.21	20	0.96	360
15AS-0065	201	202	< 5	0.6	2.61	6	1030	0.5	< 2	0.43	0.5	13	34	47	2.78	< 10	< 1	0.30	10	0.85	715
15AS-0069	201	202	< 5	0.6	1.94	< 2	790	0.5	< 2	0.71	1.5	6	31	45	1.43	< 10	< 1	0.14	10	0.58	140

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SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
12AS-0063	201	202	< 1	< 0.01	25	940	12	< 2	4	42	< 0.01	< 10	< 10	42	< 10	106
12AS-0064A	201	202	18	< 0.01	139	1820	16	< 2	4	138	< 0.01	< 10	< 10	324	< 10	1535
12AS-0064B	201	202	1	< 0.01	26	940	12	< 2	3	42	< 0.01	< 10	< 10	38	< 10	108
12AS-0065	201	202	1	< 0.01	30	1080	14	< 2	3	46	< 0.01	< 10	< 10	46	< 10	124
12AS-0066	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
12AS-0067	201	202	3	< 0.01	31	1070	14	< 2	3	50	< 0.01	< 10	< 10	48	< 10	146
12AS-0070	201	202	4	< 0.01	45	920	8	< 2	3	110	0.01	< 10	< 10	63	< 10	180
12AS-0071	201	202	4	< 0.01	34	1070	12	< 2	3	65	< 0.01	< 10	< 10	59	< 10	160
12AS-0072	201	202	3	< 0.01	33	1120	12	< 2	3	63	< 0.01	< 10	< 10	66	< 10	154
12AS-0073	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
12AS-0074	201	202	4	< 0.01	41	1200	12	< 2	4	72	< 0.01	< 10	< 10	84	< 10	198
12AS-0075	201	202	5	< 0.01	46	1220	12	< 2	4	85	< 0.01	< 10	< 10	90	< 10	206
15AS-0015	201	202	1	< 0.01	21	1010	10	< 2	4	49	0.02	< 10	< 10	58	< 10	96
15AS-0036	201	202	1	< 0.01	20	850	6	< 2	3	54	0.01	< 10	< 10	57	< 10	100
15AS-0037	201	202	1	< 0.01	20	1020	8	< 2	3	64	0.01	< 10	< 10	53	< 10	110
15AS-0038	201	202	2	< 0.01	23	1210	8	< 2	4	65	0.01	< 10	< 10	68	< 10	122
15AS-0039	201	202	5	< 0.01	29	1620	12	< 2	4	67	0.01	< 10	< 10	70	< 10	126
15AS-0040	201	202	3	< 0.01	22	1010	8	< 2	4	44	0.01	< 10	< 10	60	< 10	108
15AS-0041	201	202	1	< 0.01	24	1250	10	< 2	5	63	0.01	< 10	< 10	76	< 10	122
15AS-0042	201	202	4	< 0.01	29	1230	14	< 2	4	66	< 0.01	< 10	< 10	74	< 10	152
15AS-0043	201	202	1	< 0.01	28	980	6	< 2	3	60	0.01	< 10	< 10	36	< 10	140
15AS-0044	201	202	< 1	< 0.01	20	1030	4	< 2	3	67	< 0.01	< 10	< 10	31	< 10	106
15AS-0045	201	202	< 1	< 0.01	20	880	4	< 2	3	54	0.01	< 10	< 10	31	< 10	96
15AS-0046	201	202	< 1	< 0.01	19	820	4	< 2	3	50	0.01	< 10	< 10	34	< 10	92
15AS-0047	201	202	4	< 0.01	34	1240	14	< 2	4	74	< 0.01	< 10	< 10	67	< 10	164
15AS-0048	201	202	< 1	< 0.01	28	980	6	< 2	4	77	0.03	< 10	< 10	45	< 10	114
15AS-0049	201	202	2	< 0.01	30	1240	10	< 2	4	86	0.02	< 10	< 10	61	< 10	138
15AS-0050	201	202	2	< 0.01	27	1070	10	< 2	4	81	0.01	< 10	< 10	50	< 10	122
15AS-0051	201	202	2	< 0.01	31	1200	12	< 2	4	81	0.01	< 10	< 10	50	< 10	136
15AS-0052	201	202	2	< 0.01	31	1160	10	< 2	4	89	0.02	< 10	< 10	60	< 10	138
15AS-0053	201	202	2	< 0.01	34	1240	14	< 2	4	86	0.02	< 10	< 10	55	< 10	148
15AS-0054	201	202	2	< 0.01	28	1140	8	< 2	4	73	0.01	< 10	< 10	51	< 10	136
15AS-0055	201	202	1	< 0.01	30	1130	10	< 2	4	75	0.01	< 10	< 10	42	< 10	128
15AS-0056	201	202	1	< 0.01	28	1110	10	< 2	3	74	0.01	< 10	< 10	38	< 10	130
15AS-0057	201	202	1	< 0.01	28	1090	10	< 2	3	73	< 0.01	< 10	< 10	35	< 10	126
15AS-0058	201	202	3	< 0.01	31	1160	14	< 2	3	71	< 0.01	< 10	< 10	40	< 10	144
15AS-0059	201	202	3	< 0.01	26	1080	8	< 2	4	71	< 0.01	< 10	< 10	36	< 10	130
15AS-0060	201	202	2	< 0.01	32	1240	10	< 2	4	83	0.01	< 10	< 10	53	< 10	144
15AS-0065	201	202	3	< 0.01	27	1160	10	< 2	5	56	0.02	< 10	< 10	78	< 10	118
15AS-0069	201	202	< 1	< 0.01	27	990	12	< 2	4	72	0.03	< 10	< 10	54	< 10	112

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Page Number :3-A
Total Pages :3
Certificate Date: 19-SEP-97
Invoice No. :I9741612
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9741612

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
15AS-0071	201	202	< 5	< 0.2	1.54	30	920	0.5	< 2	0.69	1.5	10	25	36	5.43	< 10	1	0.10	10	0.40	1215
15AS-0072	201	202	< 5	< 0.2	1.90	8	790	0.5	< 2	0.42	2.0	23	24	35	3.29	< 10	< 1	0.21	10	0.72	1320
15AS-0073	201	202	10	< 0.2	1.68	< 2	720	0.5	< 2	0.49	1.5	9	27	35	1.90	< 10	1	0.18	10	0.51	375
15AS-0074	201	202	< 5	< 0.2	1.60	8	700	0.5	< 2	0.52	1.5	10	25	36	2.04	< 10	< 1	0.14	10	0.50	645
15AS-0075	201	202	< 5	< 0.2	1.64	2	790	0.5	< 2	0.61	2.0	21	26	34	2.44	< 10	< 1	0.15	10	0.47	1380
15AS-0076	201	202	< 5	< 0.2	1.47	10	850	0.5	< 2	0.65	3.5	58	26	39	3.02	< 10	< 1	0.12	10	0.42	5270
15AS-0077	201	202	< 5	< 0.2	1.39	20	720	< 0.5	< 2	0.70	3.0	46	22	34	3.62	< 10	< 1	0.09	10	0.42	5030
15AS-0078	201	202	< 5	< 0.2	1.62	16	730	0.5	< 2	0.56	3.5	40	23	51	4.47	< 10	< 1	0.17	10	0.62	2950
15AS-0079	201	202	< 5	< 0.2	1.33	2	370	0.5	< 2	0.82	1.5	10	21	46	2.24	< 10	< 1	0.11	10	0.53	585
15AS-0080	201	202	< 5	< 0.2	1.18	6	330	< 0.5	< 2	0.62	1.5	9	22	41	2.12	< 10	< 1	0.10	10	0.48	630
15AS-0081	201	202	< 5	< 0.2	1.37	4	380	0.5	< 2	0.73	2.5	11	24	48	2.32	< 10	< 1	0.11	10	0.55	855
15AS-0082	201	202	< 5	0.8	1.18	12	520	0.5	< 2	1.15	5.5	9	30	76	2.12	< 10	< 1	0.13	10	0.47	630
15AS-0083	201	202	< 5	0.6	1.23	10	490	0.5	< 2	1.26	5.0	9	31	81	2.13	< 10	< 1	0.13	10	0.50	535
15AS-0084	201	202	< 5	< 0.2	1.06	< 2	430	< 0.5	< 2	0.20	1.5	3	25	32	1.19	< 10	< 1	0.15	10	0.25	80
15AS-0085	201	202	< 5	0.4	1.42	16	570	0.5	< 2	1.06	4.5	11	33	69	2.34	< 10	< 1	0.17	10	0.52	690
15AS-0086	201	202	< 5	0.2	1.38	6	510	0.5	< 2	0.93	4.0	11	32	67	2.27	< 10	< 1	0.17	10	0.50	625
15AS-0087	201	202	< 5	< 0.2	1.03	4	460	< 0.5	< 2	0.23	1.5	4	25	40	1.51	< 10	1	0.12	10	0.25	115
15ASS-0061	201	202	< 5	< 0.2	1.80	8	670	0.5	< 2	0.18	0.5	7	33	40	2.38	< 10	< 1	0.13	10	0.43	300
15ASS-0062	201	202	< 5	< 0.2	1.82	10	660	0.5	< 2	0.16	0.5	9	35	35	2.62	< 10	< 1	0.11	10	0.44	405
15ASS-0063	201	202	< 5	< 0.2	1.66	8	940	0.5	< 2	0.22	2.5	10	33	50	2.36	< 10	< 1	0.15	10	0.41	830
15ASS-0064	201	202	< 5	< 0.2	1.36	10	720	< 0.5	< 2	0.14	0.5	9	28	33	2.42	< 10	< 1	0.09	10	0.37	630
15ASS-0066	201	202	15	< 0.2	1.60	2	840	< 0.5	< 2	0.46	0.5	7	26	37	1.66	< 10	< 1	0.11	10	0.55	260
15ASS-0067	201	202	10	< 0.2	1.50	< 2	1070	0.5	< 2	0.77	1.5	6	24	48	1.49	< 10	< 1	0.11	10	0.55	420
15ASS-0068	201	202	< 5	< 0.2	2.07	8	870	0.5	< 2	0.51	0.5	10	34	43	2.78	< 10	< 1	0.25	20	0.76	450
15ASS-0070	201	202	< 5	< 0.2	1.48	30	950	0.5	< 2	0.90	2.0	18	26	50	5.00	< 10	< 1	0.08	10	0.38	1370

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To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 19-SEP-97
Invoice No. :I9741612
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9741612

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
15AS-0071	201	202	5	0.01	29	1500	< 2	< 2	3	75	0.02	< 10	< 10	121	< 10	184
15AS-0072	201	202	3	< 0.01	35	1030	6	< 2	4	63	0.01	< 10	< 10	89	< 10	252
15AS-0073	201	202	2	< 0.01	28	890	2	< 2	4	63	0.03	< 10	< 10	85	< 10	188
15AS-0074	201	202	2	< 0.01	29	850	4	< 2	4	64	0.03	< 10	< 10	81	< 10	198
15AS-0075	201	202	3	< 0.01	31	870	4	< 2	4	70	0.03	< 10	< 10	87	< 10	216
15AS-0076	201	202	5	0.01	35	990	4	< 2	3	73	0.03	< 10	< 10	117	< 10	240
15AS-0077	201	202	5	0.01	33	1190	10	< 2	3	74	0.02	< 10	< 10	129	< 10	260
15AS-0078	201	202	5	0.01	39	1470	8	< 2	4	73	0.01	< 10	< 10	111	< 10	262
15AS-0079	201	202	1	< 0.01	40	1270	2	< 2	3	75	0.01	< 10	< 10	57	< 10	238
15AS-0080	201	202	2	< 0.01	40	1070	2	< 2	3	62	0.03	< 10	< 10	67	< 10	262
15AS-0081	201	202	3	< 0.01	50	1150	6	< 2	4	72	0.03	< 10	< 10	74	< 10	350
15AS-0082	201	202	11	< 0.01	70	1630	8	4	4	112	0.02	< 10	< 10	182	< 10	638
15AS-0083	201	202	9	< 0.01	73	1410	6	2	4	114	0.02	< 10	< 10	174	< 10	616
15AS-0084	201	202	3	< 0.01	20	710	8	< 2	2	41	0.01	< 10	< 10	84	< 10	98
15AS-0085	201	202	9	< 0.01	64	1500	6	< 2	4	110	0.02	< 10	< 10	168	< 10	566
15AS-0086	201	202	7	< 0.01	60	1330	6	2	4	96	0.03	< 10	< 10	142	< 10	492
15AS-0087	201	202	4	< 0.01	22	990	8	< 2	2	53	0.01	< 10	< 10	75	< 10	112
15ASS-0061	201	202	2	< 0.01	21	1060	6	< 2	2	45	0.03	< 10	< 10	72	< 10	76
15ASS-0062	201	202	3	< 0.01	19	1000	10	< 2	4	42	0.04	< 10	< 10	85	< 10	64
15ASS-0063	201	202	3	0.01	32	1120	8	< 2	2	51	0.03	< 10	< 10	68	< 10	106
15ASS-0064	201	202	4	< 0.01	18	1110	12	< 2	1	47	0.01	< 10	< 10	67	< 10	68
15ASS-0066	201	202	1	< 0.01	22	1320	6	< 2	3	52	0.01	< 10	< 10	36	< 10	82
15ASS-0067	201	202	1	< 0.01	24	940	2	< 2	3	75	0.01	< 10	< 10	36	< 10	70
15ASS-0068	201	202	3	< 0.01	30	1390	8	< 2	4	67	0.01	< 10	< 10	81	< 10	114
15ASS-0070	201	202	12	0.01	32	1680	2	2	3	90	0.02	< 10	< 10	213	< 10	178

CERTIFICATION:

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To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9741622

Comments: ATTN: GEORGE NICHOLSON

CERTIFICATE A9741622

(PHY) - INTERNATIONAL KODIAK RESOURCES INC.

Project:
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 15-SEP-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	160	Dry, sieve to -80 mesh
202	160	save reject
229	160	ICP - AQ Digestion charge

* NOTE 1:

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

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	160	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2118	160	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	160	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	160	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	160	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	160	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	160	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	160	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	160	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	160	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	160	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	160	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	160	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	160	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	160	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	160	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	160	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	160	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	160	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	160	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	160	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	160	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	160	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	160	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	160	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	160	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	160	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	160	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	160	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	160	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	160	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	160	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	160	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

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Page Number :1-A
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CERTIFICATE OF ANALYSIS A9741622

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
12DS-0068	201	202	15	1.4	1.44	8	930	< 0.5	< 2	0.63	3.5	6	43	46	1.73	< 10	6	0.11	10	0.42	355
12DS-0069	201	202	5	< 0.2	1.34	6	520	< 0.5	< 2	0.45	3.0	5	31	35	1.64	< 10	< 1	0.08	10	0.37	210
12DS-0070	201	202	< 5	< 0.2	1.42	6	660	< 0.5	< 2	0.61	4.0	6	32	41	1.92	< 10	1	0.08	10	0.41	330
12DS-0071	201	202	< 5	< 0.2	1.30	8	590	< 0.5	< 2	0.78	9.5	7	32	67	1.78	< 10	1	0.09	10	0.40	485
12DS-0072	201	202	< 5	< 0.2	1.56	16	750	0.5	< 2	0.78	13.5	18	35	78	2.64	< 10	1	0.13	10	0.47	2050
12DS-0073	201	202	< 5	< 0.2	1.30	8	550	< 0.5	< 2	0.58	6.5	13	28	61	2.26	< 10	< 1	0.09	10	0.41	1165
12DS-0074	201	202	< 5	< 0.2	1.46	4	530	0.5	< 2	0.71	7.0	12	31	67	2.30	< 10	1	0.13	10	0.51	690
12DS-0075	201	202	< 5	< 0.2	1.39	8	600	0.5	< 2	0.59	7.5	14	30	67	2.54	< 10	< 1	0.13	10	0.45	1205
12DS-0076	201	202	< 5	< 0.2	1.37	10	580	0.5	< 2	0.66	7.5	14	29	72	2.52	< 10	< 1	0.12	10	0.46	1260
12DS-0077	201	202	< 5	< 0.2	1.24	2	490	< 0.5	< 2	0.66	6.0	9	26	53	1.99	< 10	< 1	0.10	10	0.42	620
12DS-0078	201	202	< 5	< 0.2	1.18	10	650	0.5	< 2	0.67	5.5	12	22	102	2.53	< 10	1	0.11	10	0.47	905
12DS-0079	201	202	< 5	< 0.2	1.25	8	570	0.5	< 2	0.52	3.0	10	23	66	2.36	< 10	< 1	0.12	10	0.55	590
12DS-0081	201	202	< 5	< 0.2	1.45	10	560	0.5	< 2	0.57	3.0	10	26	60	2.43	< 10	1	0.15	10	0.66	585
12DS-0082	201	202	< 5	< 0.2	1.57	2	620	0.5	< 2	0.52	2.5	9	24	53	2.39	< 10	< 1	0.16	10	0.65	410
12DS-0083	201	202	< 5	< 0.2	1.74	4	710	0.5	< 2	0.62	3.0	10	26	57	2.51	< 10	< 1	0.20	10	0.73	520
12DS-0084	201	202	< 5	< 0.2	1.98	8	780	0.5	< 2	0.64	3.0	11	29	57	2.83	< 10	< 1	0.25	10	0.84	660
12DS-0085	201	202	< 5	< 0.2	1.73	8	640	0.5	< 2	0.56	2.0	9	27	46	2.38	< 10	< 1	0.21	10	0.72	430
12DS-0086	201	202	< 5	< 0.2	1.81	10	630	0.5	< 2	0.68	2.5	9	26	50	2.55	< 10	< 1	0.20	10	0.75	520
12DS-0087	201	202	< 5	< 0.2	1.81	2	600	0.5	< 2	0.84	2.0	8	27	42	2.28	< 10	1	0.19	10	0.78	320
12DS-0088	201	202	< 5	< 0.2	1.86	6	600	0.5	< 2	1.00	2.0	9	27	38	2.54	< 10	< 1	0.19	10	0.83	480
12DS-0089	201	202	< 5	0.2	1.75	4	580	0.5	< 2	0.79	1.5	10	25	41	2.70	< 10	< 1	0.14	10	0.82	425
12DS-0090	201	202	< 5	0.2	1.78	10	570	0.5	< 2	0.79	1.5	11	28	39	2.90	< 10	< 1	0.13	10	0.87	425
12DS-0091	201	202	5	0.2	1.50	6	520	0.5	< 2	1.19	2.0	8	24	43	2.29	< 10	< 1	0.10	10	0.71	405
12DS-0092	201	202	< 5	< 0.2	1.82	6	550	0.5	< 2	0.67	1.0	12	27	36	3.21	< 10	< 1	0.13	10	0.93	500
12DS-0093	201	202	< 5	< 0.2	1.83	6	530	0.5	< 2	0.96	1.5	12	26	38	3.22	< 10	< 1	0.14	10	0.94	700
12DS-0094	201	202	< 5	< 0.2	1.88	< 2	430	0.5	< 2	1.45	< 0.5	9	28	44	2.38	< 10	< 1	0.16	10	0.93	330
12DS-0095	201	202	< 5	< 0.2	2.25	2	500	0.5	< 2	1.18	< 0.5	12	39	49	3.00	< 10	< 1	0.21	20	1.12	645
12DS-0096	201	202	< 5	< 0.2	1.98	< 2	480	0.5	< 2	1.23	< 0.5	10	25	30	2.80	< 10	< 1	0.21	10	0.66	365
12DS-0097	201	202	< 5	< 0.2	2.18	8	450	0.5	< 2	0.82	< 0.5	14	29	46	3.44	< 10	< 1	0.21	20	1.08	760
12DS-0098	201	202	< 5	0.2	1.84	< 2	470	0.5	< 2	0.90	< 0.5	9	24	31	2.39	< 10	< 1	0.15	10	0.91	385
12DS-0099	201	202	< 5	< 0.2	2.14	< 2	480	0.5	< 2	0.73	< 0.5	10	27	30	2.73	< 10	< 1	0.18	20	1.17	335
12DS-0100	201	202	< 5	< 0.2	2.25	2	570	0.5	< 2	0.98	< 0.5	10	28	36	2.49	< 10	< 1	0.19	30	1.11	405
12DS-0101	201	202	< 5	< 0.2	2.31	< 2	480	0.5	< 2	0.86	< 0.5	10	28	32	2.89	< 10	< 1	0.23	20	1.29	415
12DS-0102	201	202	< 5	< 0.2	1.46	2	270	< 0.5	< 2	0.70	0.5	5	20	26	1.74	< 10	< 1	0.07	10	0.41	345
12DS-0103	201	202	< 5	< 0.2	1.56	< 2	350	0.5	< 2	1.76	1.0	5	19	41	1.68	< 10	< 1	0.08	10	0.56	395
12DS-0104	201	202	< 5	< 0.2	1.26	< 2	290	< 0.5	< 2	2.35	0.5	4	17	29	1.46	< 10	< 1	0.08	10	0.56	205
12DS-0105	201	202	< 5	< 0.2	1.97	6	430	0.5	< 2	0.99	< 0.5	7	26	34	2.25	< 10	< 1	0.12	10	0.81	225
12DS-0106	201	202	< 5	< 0.2	1.85	2	600	0.5	< 2	1.07	0.5	8	25	37	2.39	< 10	< 1	0.11	10	0.86	325
12DS-0107	201	202	< 5	< 0.2	2.00	12	560	0.5	< 2	0.66	0.5	12	35	37	3.31	< 10	< 1	0.11	10	1.11	460
12DS-0109	201	202	< 5	< 0.2	2.14	10	560	0.5	< 2	0.63	< 0.5	11	33	38	3.46	< 10	< 1	0.13	10	1.15	430

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 15-SEP-97
Invoice No. :I9741622
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9741622

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
12DS-0068	201	202	6	0.01	106	1410	8	2	2	90	0.03	< 10	< 10	174	< 10	356
12DS-0069	201	202	5	< 0.01	62	1000	6	< 2	1	53	0.03	< 10	< 10	111	< 10	340
12DS-0070	201	202	6	< 0.01	102	1110	6	< 2	1	67	0.03	< 10	< 10	130	< 10	620
12DS-0071	201	202	5	0.01	172	1110	6	< 2	1	73	0.02	< 10	< 10	137	< 10	818
12DS-0072	201	202	8	0.01	210	1330	10	< 2	3	88	0.03	< 10	< 10	176	< 10	974
12DS-0073	201	202	6	0.01	135	1140	8	< 2	2	66	0.02	< 10	< 10	121	< 10	632
12DS-0074	201	202	3	0.01	138	1230	8	< 2	3	74	0.03	< 10	< 10	108	< 10	770
12DS-0075	201	202	6	< 0.01	140	1180	8	< 2	3	74	0.02	< 10	< 10	122	< 10	736
12DS-0076	201	202	6	< 0.01	135	1250	10	< 2	3	85	0.02	< 10	< 10	117	< 10	666
12DS-0077	201	202	4	< 0.01	91	1140	8	< 2	2	73	0.02	< 10	< 10	84	< 10	510
12DS-0078	201	202	11	< 0.01	86	1290	12	2	4	82	0.01	< 10	< 10	99	< 10	546
12DS-0079	201	202	6	< 0.01	63	1120	6	< 2	3	65	0.01	< 10	< 10	71	< 10	392
12DS-0081	201	202	6	< 0.01	58	1080	6	< 2	4	67	0.01	< 10	< 10	70	< 10	346
12DS-0082	201	202	4	< 0.01	52	1010	6	< 2	4	61	0.01	< 10	< 10	74	< 10	362
12DS-0083	201	202	5	< 0.01	59	1060	8	< 2	4	69	0.01	< 10	< 10	81	< 10	400
12DS-0084	201	202	5	0.01	64	1100	8	< 2	4	74	0.01	< 10	< 10	89	< 10	420
12DS-0085	201	202	3	< 0.01	51	970	6	< 2	4	64	0.01	< 10	< 10	75	< 10	348
12DS-0086	201	202	4	0.01	59	1030	6	< 2	4	74	0.01	< 10	< 10	74	< 10	416
12DS-0087	201	202	1	0.01	54	1000	6	< 2	4	78	0.02	< 10	< 10	61	< 10	300
12DS-0088	201	202	2	0.01	44	1020	8	< 2	5	82	0.01	< 10	< 10	56	< 10	248
12DS-0089	201	202	2	< 0.01	43	1050	12	< 2	4	72	0.01	< 10	< 10	49	< 10	244
12DS-0090	201	202	2	< 0.01	44	1000	10	< 2	4	73	0.01	< 10	< 10	49	< 10	248
12DS-0091	201	202	2	< 0.01	44	1040	10	2	4	94	0.01	< 10	< 10	42	< 10	222
12DS-0092	201	202	2	< 0.01	45	1030	14	< 2	3	63	< 0.01	< 10	< 10	49	< 10	254
12DS-0093	201	202	3	< 0.01	50	1010	12	< 2	4	77	< 0.01	< 10	< 10	49	< 10	266
12DS-0094	201	202	< 1	< 0.01	28	970	8	< 2	5	132	< 0.01	< 10	< 10	30	< 10	96
12DS-0095	201	202	1	< 0.01	32	1020	12	< 2	6	109	0.01	< 10	< 10	39	< 10	110
12DS-0096	201	202	< 1	< 0.01	25	850	14	< 2	5	62	< 0.01	< 10	< 10	24	< 10	92
12DS-0097	201	202	1	< 0.01	32	940	16	2	5	69	< 0.01	< 10	< 10	37	< 10	122
12DS-0098	201	202	< 1	< 0.01	23	730	10	< 2	4	65	0.01	< 10	< 10	29	< 10	88
12DS-0099	201	202	1	< 0.01	26	780	12	< 2	4	62	0.01	< 10	< 10	34	< 10	100
12DS-0100	201	202	1	< 0.01	24	800	8	< 2	5	62	0.01	< 10	< 10	39	< 10	96
12DS-0101	201	202	1	< 0.01	26	800	10	< 2	4	80	0.01	< 10	< 10	40	< 10	104
12DS-0102	201	202	< 1	0.01	16	750	6	< 2	< 1	42	0.01	< 10	< 10	34	< 10	66
12DS-0103	201	202	< 1	0.01	20	990	6	< 2	1	94	0.01	< 10	< 10	28	< 10	102
12DS-0104	201	202	1	< 0.01	17	1120	4	< 2	1	128	0.01	< 10	< 10	24	< 10	84
12DS-0105	201	202	< 1	< 0.01	23	1020	8	< 2	4	62	0.01	< 10	< 10	35	< 10	94
12DS-0106	201	202	1	< 0.01	25	1030	10	2	4	83	0.01	< 10	< 10	35	< 10	98
12DS-0107	201	202	3	< 0.01	34	990	14	< 2	4	71	< 0.01	< 10	< 10	46	< 10	124
12DS-0109	201	202	3	< 0.01	32	950	14	2	4	67	< 0.01	< 10	< 10	44	< 10	126

CERTIFICATION:

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To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Page Number :2-A
Total Pages :4
Certificate Date: 15-SEP-97
Invoice No. :19741622
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9741622

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
12DS-0110	201	202	< 5	< 0.2	2.29	6	570	0.5	< 2	0.71	0.5	11	33	36	3.16	< 10	< 1	0.21	10	1.06	360
12DS-0111	201	202	< 5	< 0.2	2.13	< 2	630	0.5	< 2	0.78	0.5	9	29	33	2.54	< 10	< 1	0.18	10	0.93	265
12DS-0112	201	202	< 5	< 0.2	2.25	8	520	0.5	< 2	0.85	1.0	11	31	39	3.09	< 10	< 1	0.20	10	0.91	425
12DS-0113	201	202	< 5	< 0.2	2.23	4	530	0.5	< 2	0.91	0.5	11	31	36	2.96	< 10	< 1	0.20	10	0.91	345
12DS-0114	201	202	< 5	< 0.2	1.88	2	460	0.5	< 2	1.24	1.5	9	26	37	2.36	< 10	< 1	0.14	10	0.79	300
12DS-0115	201	202	< 5	< 0.2	2.00	8	520	0.5	< 2	1.00	0.5	9	27	27	2.61	< 10	< 1	0.17	10	0.87	270
12DS-0116	201	202	< 5	< 0.2	1.93	2	610	0.5	< 2	1.25	< 0.5	7	26	34	2.33	< 10	< 1	0.16	10	0.83	300
12DS-0117	201	202	< 5	< 0.2	1.94	2	690	0.5	< 2	1.14	< 0.5	8	26	30	2.35	< 10	< 1	0.20	10	0.81	300
12DS-0118	201	202	< 5	< 0.2	1.98	2	790	0.5	< 2	1.09	< 0.5	8	26	30	2.53	< 10	< 1	0.19	10	0.86	340
12DS-0119	201	202	< 5	< 0.2	1.86	6	580	0.5	< 2	0.87	< 0.5	7	26	31	2.38	< 10	< 1	0.17	10	0.77	230
12DS-0120	201	202	< 5	< 0.2	1.64	6	520	0.5	< 2	0.75	< 0.5	7	22	28	2.17	< 10	< 1	0.13	10	0.68	195
12DS-0121	201	202	< 5	< 0.2	1.70	2	530	0.5	< 2	1.10	< 0.5	7	23	28	2.23	< 10	< 1	0.12	10	0.78	255
12DS-0122	201	202	< 5	< 0.2	1.83	6	520	0.5	< 2	1.11	< 0.5	10	25	27	2.85	< 10	< 1	0.13	10	0.93	350
12DS-0123	201	202	< 5	< 0.2	1.60	< 2	500	0.5	< 2	1.25	< 0.5	7	23	30	2.12	< 10	< 1	0.11	10	0.75	310
12DS-0124	201	202	< 5	< 0.2	1.98	8	590	0.5	< 2	1.62	< 0.5	9	26	30	2.74	< 10	< 1	0.17	10	0.99	390
12DS-0125	201	202	< 5	< 0.2	2.25	6	600	0.5	< 2	1.31	< 0.5	10	30	32	2.99	< 10	< 1	0.21	10	1.07	350
12DS-0126	201	202	< 5	< 0.2	1.90	4	570	0.5	< 2	1.08	1.5	10	28	38	2.56	< 10	< 1	0.19	10	0.85	435
12DS-0127	201	202	< 5	< 0.2	2.27	2	640	0.5	< 2	0.94	1.0	11	31	37	3.06	< 10	< 1	0.24	10	1.03	370
12DS-0128	201	202	< 5	< 0.2	1.88	< 2	460	0.5	< 2	1.18	< 0.5	7	24	26	1.92	< 10	< 1	0.17	10	0.77	240
12DS-0129	201	202	< 5	< 0.2	1.80	2	390	0.5	< 2	0.70	< 0.5	8	22	19	2.01	< 10	< 1	0.16	10	0.81	210
12DS-0130	201	202	< 5	< 0.2	2.06	8	580	0.5	< 2	0.80	1.0	11	25	31	3.10	< 10	< 1	0.20	10	0.93	365
12DS-0131	201	202	< 5	< 0.2	2.06	10	530	0.5	< 2	0.74	0.5	13	25	28	3.52	< 10	< 1	0.18	10	1.02	445
12DS-0132	201	202	< 5	< 0.2	1.80	< 2	650	0.5	< 2	2.16	0.5	10	22	30	2.94	< 10	< 1	0.14	10	0.95	320
12DS-0133	201	202	< 5	< 0.2	1.51	2	510	0.5	< 2	1.37	1.0	8	22	30	2.35	< 10	< 1	0.11	10	0.80	270
12DS-0134	201	202	< 5	< 0.2	1.71	2	550	0.5	< 2	1.84	1.0	11	24	31	2.85	< 10	< 1	0.14	10	0.95	375
12DS-0135	201	202	< 5	< 0.2	1.69	6	600	0.5	< 2	1.79	0.5	9	24	31	2.54	< 10	< 1	0.16	10	0.88	300
12DS-0136	201	202	< 5	< 0.2	1.86	< 2	710	0.5	< 2	1.92	0.5	10	25	29	2.66	< 10	< 1	0.21	10	0.92	320
12DS-0137	201	202	< 5	< 0.2	2.03	< 2	620	0.5	< 2	1.90	1.0	12	27	31	3.01	< 10	< 1	0.24	20	1.03	460
12DS-0138	201	202	< 5	< 0.2	2.11	2	690	0.5	< 2	1.86	1.0	11	28	31	2.94	< 10	< 1	0.27	20	1.03	340
12DS-0139	201	202	< 5	< 0.2	1.99	4	680	0.5	< 2	1.88	0.5	9	26	30	2.69	< 10	< 1	0.24	10	0.97	300
12DS-0140	201	202	< 5	< 0.2	1.93	2	630	0.5	< 2	2.06	1.5	10	26	37	2.65	< 10	< 1	0.22	10	0.95	360
12DS-0141	201	202	< 5	< 0.2	1.72	< 2	570	0.5	< 2	1.81	1.0	9	23	33	2.41	< 10	< 1	0.18	10	0.85	300
12DS-0142	201	202	< 5	< 0.2	1.80	2	660	0.5	< 2	1.85	0.5	9	24	27	2.63	< 10	< 1	0.19	10	0.93	255
12DS-0143	201	202	< 5	< 0.2	1.84	2	530	0.5	< 2	1.56	0.5	12	24	30	2.90	< 10	< 1	0.20	10	1.01	420
12DS-0144	201	202	< 5	< 0.2	2.06	< 2	600	0.5	< 2	1.53	0.5	12	27	30	3.09	< 10	< 1	0.26	20	1.11	375
12DS-0165	201	202	< 5	< 0.2	2.85	2	380	< 0.5	< 2	1.18	0.5	31	79	127	4.58	< 10	< 1	0.05	10	3.54	490
12DS-0166	201	202	< 5	< 0.2	2.45	< 2	330	< 0.5	< 2	1.32	0.5	26	67	123	3.94	< 10	< 1	0.06	10	2.81	420
12DS-0167	201	202	< 5	< 0.2	2.53	4	320	< 0.5	< 2	1.22	0.5	26	69	117	3.99	< 10	< 1	0.05	10	2.92	415
12DS-0168	201	202	< 5	< 0.2	2.94	2	410	< 0.5	< 2	1.07	0.5	32	78	121	4.76	< 10	1	0.04	10	3.77	485
12DSS-0065	201	202	< 5	< 0.2	1.72	6	180	< 0.5	< 2	0.12	< 0.5	7	25	26	2.54	< 10	< 1	0.13	10	0.55	245

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CERTIFICATE OF ANALYSIS A9741622

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
12DS-0110	201	202	1	< 0.01	30	970	14	< 2	4	66	0.01	< 10	< 10	47	< 10	124
12DS-0111	201	202	2	< 0.01	28	930	8	< 2	4	68	0.01	< 10	< 10	42	< 10	116
12DS-0112	201	202	2	< 0.01	33	920	12	2	5	76	0.01	< 10	< 10	44	< 10	154
12DS-0113	201	202	2	< 0.01	34	1040	12	2	4	77	0.01	< 10	< 10	43	< 10	152
12DS-0114	201	202	1	0.01	29	920	10	< 2	4	91	0.01	< 10	< 10	33	< 10	126
12DS-0115	201	202	1	< 0.01	28	920	10	< 2	4	78	0.01	< 10	< 10	37	< 10	116
12DS-0116	201	202	1	< 0.01	23	930	8	< 2	6	97	0.01	< 10	< 10	31	< 10	92
12DS-0117	201	202	< 1	< 0.01	23	890	8	< 2	4	86	0.01	< 10	< 10	35	< 10	98
12DS-0118	201	202	1	< 0.01	23	880	8	< 2	5	87	0.01	< 10	< 10	34	< 10	98
12DS-0119	201	202	1	< 0.01	23	850	8	2	4	77	0.01	< 10	< 10	35	< 10	102
12DS-0120	201	202	< 1	< 0.01	21	810	8	< 2	4	66	0.01	< 10	< 10	31	< 10	94
12DS-0121	201	202	1	< 0.01	23	850	6	< 2	4	76	0.01	< 10	< 10	28	< 10	94
12DS-0122	201	202	< 1	< 0.01	26	890	10	< 2	4	73	< 0.01	< 10	< 10	29	< 10	106
12DS-0123	201	202	< 1	< 0.01	22	900	8	< 2	4	83	0.01	< 10	< 10	27	< 10	90
12DS-0124	201	202	1	< 0.01	26	940	12	2	4	101	< 0.01	< 10	< 10	31	< 10	100
12DS-0125	201	202	1	< 0.01	28	980	10	< 2	5	90	0.01	< 10	< 10	35	< 10	110
12DS-0126	201	202	2	< 0.01	44	1000	12	2	4	85	0.01	< 10	< 10	51	< 10	230
12DS-0127	201	202	1	< 0.01	44	1000	12	< 2	4	82	0.01	< 10	< 10	56	< 10	230
12DS-0128	201	202	< 1	< 0.01	21	730	8	< 2	5	62	0.01	< 10	< 10	29	< 10	76
12DS-0129	201	202	< 1	< 0.01	21	640	6	< 2	4	41	0.01	< 10	< 10	28	< 10	80
12DS-0130	201	202	1	0.01	38	860	10	< 2	4	64	< 0.01	< 10	< 10	54	< 10	226
12DS-0131	201	202	2	0.01	39	870	10	< 2	4	59	< 0.01	< 10	< 10	50	< 10	238
12DS-0132	201	202	1	0.01	33	890	8	< 2	4	102	< 0.01	< 10	< 10	36	< 10	180
12DS-0133	201	202	< 1	0.01	31	930	6	< 2	4	82	< 0.01	< 10	< 10	33	< 10	166
12DS-0134	201	202	1	0.01	34	920	10	< 2	4	98	< 0.01	< 10	< 10	36	< 10	182
12DS-0135	201	202	1	0.01	31	900	8	< 2	4	98	< 0.01	< 10	< 10	37	< 10	178
12DS-0136	201	202	1	0.01	31	910	8	< 2	5	99	< 0.01	< 10	< 10	40	< 10	170
12DS-0137	201	202	1	0.01	35	930	12	< 2	5	102	< 0.01	< 10	< 10	43	< 10	188
12DS-0138	201	202	1	0.01	34	940	10	< 2	5	103	< 0.01	< 10	< 10	46	< 10	184
12DS-0139	201	202	< 1	0.01	32	920	10	< 2	5	101	0.01	< 10	< 10	43	< 10	176
12DS-0140	201	202	1	0.01	34	990	6	< 2	5	117	0.01	< 10	< 10	44	< 10	184
12DS-0141	201	202	1	0.01	30	920	8	< 2	5	100	< 0.01	< 10	< 10	38	< 10	166
12DS-0142	201	202	1	0.01	29	860	10	< 2	4	92	< 0.01	< 10	< 10	37	< 10	160
12DS-0143	201	202	1	0.01	31	880	12	< 2	4	85	< 0.01	< 10	< 10	36	< 10	160
12DS-0144	201	202	< 1	0.01	31	910	10	< 2	4	85	< 0.01	< 10	< 10	40	< 10	154
12DS-0165	201	202	< 1	< 0.01	166	830	< 2	< 2	4	41	0.26	< 10	< 10	89	< 10	122
12DS-0166	201	202	< 1	< 0.01	131	990	2	< 2	5	50	0.22	< 10	< 10	78	< 10	126
12DS-0167	201	202	< 1	< 0.01	136	900	4	< 2	4	43	0.23	< 10	< 10	80	< 10	116
12DS-0168	201	202	< 1	< 0.01	174	890	< 2	< 2	4	37	0.23	< 10	< 10	81	< 10	114
12DSS-0065	201	202	2	< 0.01	19	830	6	< 2	1	18	0.01	< 10	< 10	52	< 10	100

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 15-SEP-97
Invoice No. :I9741622
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9741622

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
12DSS-0066	201	202	< 5	< 0.2	1.58	6	260	< 0.5	< 2	0.16	0.5	8	25	31	2.52	< 10	< 1	0.12	10	0.45	765
12DSS-0151	201	202	< 5	< 0.2	1.74	< 2	140	0.5	< 2	0.07	< 0.5	7	20	32	4.17	< 10	< 1	0.23	10	0.35	305
12DSS-0153	201	202	15	< 0.2	4.67	< 2	230	< 0.5	< 2	0.90	< 0.5	94	102	194	7.01	10	< 1	0.09	< 10	5.93	840
12DSS-0156	201	202	< 5	< 0.2	3.87	< 2	340	< 0.5	< 2	1.15	< 0.5	56	102	231	5.85	10	< 1	0.11	10	5.06	575
12DSS-0157	201	202	< 5	< 0.2	3.59	2	360	< 0.5	< 2	1.11	< 0.5	48	98	192	5.38	< 10	< 1	0.09	< 10	4.82	550
12DSS-0158	201	202	< 5	< 0.2	2.75	< 2	340	< 0.5	< 2	1.76	0.5	28	70	113	3.86	< 10	< 1	0.07	< 10	3.12	390
12DSS-0159	201	202	< 5	< 0.2	1.61	4	270	0.5	< 2	0.77	1.0	12	28	49	3.28	< 10	< 1	0.10	10	0.72	560
12DSS-0160	201	202	< 5	< 0.2	1.97	4	200	0.5	< 2	0.25	< 0.5	13	32	32	3.49	< 10	< 1	0.08	10	0.68	465
12DSS-0161	201	202	< 5	< 0.2	1.47	2	140	< 0.5	< 2	0.20	< 0.5	5	25	20	2.05	< 10	< 1	0.09	10	0.41	145
12DSS-0162	201	202	< 5	< 0.2	3.05	4	330	< 0.5	< 2	1.19	< 0.5	34	82	157	4.76	< 10	< 1	0.06	10	3.52	455
12DSS-0163	201	202	< 5	< 0.2	2.01	< 2	270	< 0.5	< 2	1.47	0.5	16	70	64	2.78	< 10	< 1	0.07	< 10	1.70	395
12DSS-0164	201	202	< 5	< 0.2	2.80	< 2	310	< 0.5	< 2	1.09	< 0.5	29	77	128	4.29	< 10	< 1	0.05	10	2.96	470
15DS-0088	201	202	10	< 0.2	1.16	8	510	< 0.5	< 2	0.76	1.0	5	29	82	2.02	< 10	< 1	0.11	< 10	0.42	450
15DS-0091	201	202	5	< 0.2	1.33	6	460	< 0.5	< 2	1.40	1.0	6	28	61	1.79	< 10	< 1	0.09	< 10	0.51	450
15DS-0092	201	202	< 5	< 0.2	1.26	4	400	< 0.5	< 2	1.26	1.0	6	24	42	1.80	< 10	< 1	0.08	< 10	0.51	480
15DS-0093	201	202	< 5	< 0.2	1.39	2	400	< 0.5	< 2	1.11	1.0	7	25	40	2.07	< 10	< 1	0.09	10	0.52	705
15DS-0094	201	202	< 5	< 0.2	1.44	6	320	< 0.5	< 2	0.75	< 0.5	9	24	26	2.46	< 10	< 1	0.08	10	0.52	400
15DS-0095	201	202	< 5	< 0.2	1.51	8	500	0.5	< 2	0.99	2.0	9	24	46	2.29	< 10	< 1	0.20	10	0.58	1140
15DS-0096	201	202	< 5	< 0.2	1.61	2	390	< 0.5	< 2	0.89	0.5	12	25	25	2.32	< 10	< 1	0.13	10	0.60	660
15DS-0097	201	202	< 5	< 0.2	1.73	6	400	< 0.5	< 2	0.59	< 0.5	10	24	19	2.18	< 10	< 1	0.15	10	0.66	370
15DS-0098	201	202	< 5	< 0.2	1.73	2	420	< 0.5	< 2	0.85	0.5	9	24	22	2.11	< 10	< 1	0.14	10	0.66	325
15DS-0099	201	202	< 5	< 0.2	1.75	8	640	0.5	< 2	1.04	2.5	22	26	40	3.18	< 10	< 1	0.20	10	0.73	2550
15DS-0100	201	202	< 5	< 0.2	1.74	< 2	530	0.5	< 2	1.02	0.5	10	26	35	2.29	< 10	< 1	0.18	10	0.91	530
15DS-0101	201	202	< 5	< 0.2	1.45	6	510	0.5	< 2	1.50	2.0	10	21	30	2.70	< 10	< 1	0.14	10	0.79	685
15DS-0102	201	202	< 5	< 0.2	1.43	2	520	0.5	< 2	1.45	2.5	10	21	31	2.58	< 10	< 1	0.14	10	0.76	635
15DS-0103	201	202	< 5	< 0.2	2.00	< 2	530	0.5	< 2	1.00	< 0.5	11	27	18	3.01	< 10	< 1	0.21	10	1.16	385
15DS-0107	201	202	< 5	< 0.2	1.99	6	200	< 0.5	< 2	0.67	1.5	11	34	25	2.97	< 10	< 1	0.08	10	0.62	525
15DS-0108	201	202	< 5	< 0.2	2.18	4	210	0.5	< 2	0.80	1.5	11	36	28	3.09	< 10	< 1	0.10	10	0.66	520
15DS-0109	201	202	< 5	< 0.2	1.91	2	200	0.5	< 2	0.96	2.0	10	31	27	2.66	< 10	< 1	0.10	10	0.62	410
15DS-0110	201	202	< 5	< 0.2	2.49	< 2	230	0.5	< 2	1.08	0.5	14	35	35	3.40	< 10	< 1	0.08	20	0.68	855
15DS-0111	201	202	< 5	< 0.2	2.04	< 2	200	< 0.5	< 2	1.09	1.0	10	33	28	2.85	< 10	< 1	0.09	10	0.66	405
15DS-0112	201	202	< 5	< 0.2	2.04	6	200	< 0.5	< 2	1.12	0.5	10	33	27	2.81	< 10	< 1	0.08	10	0.64	435
15DS-0113	201	202	< 5	< 0.2	2.00	< 2	200	< 0.5	< 2	1.22	1.5	10	33	31	2.74	< 10	< 1	0.09	10	0.67	420
15DS-0114	201	202	< 5	< 0.2	1.85	2	180	< 0.5	< 2	1.29	1.0	9	28	29	2.48	< 10	< 1	0.07	10	0.59	455
15DS-0115	201	202	< 5	< 0.2	2.22	4	210	< 0.5	< 2	0.96	0.5	11	34	29	2.80	< 10	1	0.08	10	0.65	360
15DS-0116	201	202	< 5	< 0.2	1.98	4	190	< 0.5	< 2	1.35	0.5	8	27	30	2.34	< 10	< 1	0.06	10	0.57	455
15DS-0117	201	202	< 5	< 0.2	2.08	2	230	0.5	< 2	1.31	0.5	15	37	38	3.40	< 10	< 1	0.08	10	0.91	615
15DS-0119	201	202	< 5	< 0.2	1.91	2	200	< 0.5	< 2	1.20	< 0.5	10	33	33	2.79	< 10	< 1	0.05	10	0.72	360
15DS-0120	201	202	< 5	< 0.2	0.81	12	160	< 0.5	< 2	0.10	< 0.5	4	19	30	2.36	< 10	< 1	0.10	20	0.20	110
15DS-0121	201	202	< 5	< 0.2	1.69	8	210	< 0.5	< 2	0.80	0.5	14	41	31	3.00	< 10	< 1	0.08	10	0.83	375

CERTIFICATION:

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To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 15-SEP-97
Invoice No. :19741622
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9741622

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
12DSS-0066	201	202	4	< 0.01	22	1070	8	< 2	1	26	0.01	< 10	< 10	75	< 10	130
12DSS-0151	201	202	1	0.01	16	930	8	< 2	3	16	0.01	< 10	< 10	39	< 10	58
12DSS-0153	201	202	< 1	< 0.01	297	810	< 2	< 2	6	32	0.24	< 10	< 10	101	< 10	108
12DSS-0156	201	202	< 1	< 0.01	247	1020	< 2	< 2	5	36	0.29	< 10	< 10	99	< 10	102
12DSS-0157	201	202	< 1	< 0.01	239	940	< 2	< 2	4	34	0.24	< 10	< 10	89	< 10	102
12DSS-0158	201	202	< 1	< 0.01	136	1340	< 2	< 2	5	52	0.22	< 10	< 10	77	< 10	94
12DSS-0159	201	202	2	< 0.01	32	1310	6	< 2	3	35	0.05	< 10	< 10	55	< 10	162
12DSS-0160	201	202	1	< 0.01	27	800	6	< 2	5	20	0.10	< 10	< 10	63	< 10	100
12DSS-0161	201	202	< 1	< 0.01	14	1050	8	< 2	< 1	19	0.03	< 10	< 10	44	< 10	52
12DSS-0162	201	202	< 1	< 0.01	164	1100	< 2	< 2	5	45	0.20	< 10	< 10	82	< 10	106
12DSS-0163	201	202	< 1	< 0.01	75	1080	2	< 2	4	62	0.12	< 10	< 10	49	< 10	94
12DSS-0164	201	202	< 1	< 0.01	138	890	4	< 2	5	43	0.20	< 10	< 10	83	< 10	100
15DS-0088	201	202	1	< 0.01	58	1250	10	< 2	1	91	0.01	< 10	< 10	68	< 10	98
15DS-0091	201	202	1	< 0.01	52	1370	8	< 2	1	120	0.01	< 10	< 10	42	< 10	140
15DS-0092	201	202	< 1	< 0.01	33	1140	8	< 2	1	108	0.01	< 10	< 10	40	< 10	136
15DS-0093	201	202	< 1	< 0.01	34	1060	6	< 2	2	98	0.02	< 10	< 10	47	< 10	138
15DS-0094	201	202	1	< 0.01	27	870	4	< 2	3	67	0.03	< 10	< 10	46	< 10	112
15DS-0095	201	202	2	< 0.01	42	1300	8	< 2	3	97	0.01	< 10	< 10	64	< 10	216
15DS-0096	201	202	1	< 0.01	31	860	6	< 2	3	67	0.03	< 10	< 10	43	< 10	142
15DS-0097	201	202	1	< 0.01	25	700	4	< 2	3	47	0.02	< 10	< 10	39	< 10	118
15DS-0098	201	202	< 1	< 0.01	26	800	6	< 2	4	63	0.02	< 10	< 10	37	< 10	126
15DS-0099	201	202	4	< 0.01	53	1090	10	< 2	3	97	0.02	< 10	< 10	61	< 10	226
15DS-0100	201	202	1	< 0.01	30	830	6	< 2	4	85	0.01	< 10	< 10	45	< 10	138
15DS-0101	201	202	1	< 0.01	35	950	8	< 2	4	105	< 0.01	< 10	< 10	39	< 10	250
15DS-0102	201	202	1	< 0.01	36	930	6	< 2	4	104	< 0.01	< 10	< 10	38	< 10	250
15DS-0103	201	202	< 1	< 0.01	24	810	10	2	4	53	< 0.01	< 10	< 10	36	< 10	106
15DS-0107	201	202	< 1	< 0.01	26	850	2	< 2	3	28	0.04	< 10	< 10	62	< 10	108
15DS-0108	201	202	1	< 0.01	27	1050	4	< 2	4	34	0.05	< 10	< 10	63	< 10	126
15DS-0109	201	202	< 1	< 0.01	25	940	6	< 2	4	37	0.04	< 10	< 10	52	< 10	116
15DS-0110	201	202	< 1	< 0.01	25	1090	6	< 2	5	48	0.06	< 10	< 10	69	< 10	112
15DS-0111	201	202	< 1	< 0.01	24	960	6	< 2	4	46	0.05	< 10	< 10	57	< 10	102
15DS-0112	201	202	< 1	< 0.01	23	920	4	< 2	4	46	0.05	< 10	< 10	57	< 10	100
15DS-0113	201	202	< 1	< 0.01	24	940	6	< 2	4	50	0.05	< 10	< 10	54	< 10	98
15DS-0114	201	202	< 1	< 0.01	21	910	6	< 2	3	49	0.04	< 10	< 10	50	< 10	100
15DS-0115	201	202	< 1	< 0.01	26	870	4	< 2	4	43	0.06	< 10	< 10	59	< 10	100
15DS-0116	201	202	< 1	< 0.01	20	910	< 2	< 2	3	58	0.04	< 10	< 10	48	< 10	92
15DS-0117	201	202	1	< 0.01	34	900	2	< 2	5	52	0.09	< 10	< 10	83	< 10	120
15DS-0119	201	202	< 1	< 0.01	27	890	< 2	< 2	4	49	0.05	< 10	< 10	65	< 10	98
15DS-0120	201	202	1	< 0.01	16	530	8	< 2	2	20	< 0.01	< 10	< 10	31	< 10	44
15DS-0121	201	202	< 1	< 0.01	36	680	8	< 2	5	37	0.09	< 10	< 10	72	< 10	94

CERTIFICATION:

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CERTIFICATE OF ANALYSIS A9741622

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
15DS-0122	201	202	< 5	< 0.2	2.10	2	240	< 0.5	< 2	1.19	0.5	16	51	36	3.41	< 10	< 1	0.07	10	1.22	435
15DS-0123	201	202	< 5	< 0.2	2.13	< 2	220	< 0.5	< 2	1.15	0.5	17	59	36	3.23	< 10	< 1	0.07	10	1.47	470
15DS-0124	201	202	< 5	< 0.2	2.21	< 2	220	< 0.5	< 2	1.33	0.5	17	63	39	3.41	< 10	< 1	0.06	10	1.65	375
15DSS-0089	201	202	< 5	< 0.2	1.34	2	680	< 0.5	< 2	0.69	0.5	4	26	33	1.37	< 10	< 1	0.09	10	0.39	480
15DSS-0090	201	202	< 5	< 0.2	1.67	2	570	< 0.5	< 2	1.17	0.5	6	27	35	1.88	< 10	< 1	0.09	10	0.48	610
15DSS-0106	201	202	< 5	< 0.2	2.12	6	230	< 0.5	< 2	0.39	< 0.5	9	36	21	3.06	< 10	< 1	0.06	10	0.61	380
15DSS-0118	201	202	< 5	< 0.2	2.07	2	240	0.5	< 2	1.39	0.5	18	44	42	3.97	< 10	< 1	0.08	10	1.05	815
16DS-0009	201	202	< 5	< 0.2	1.79	4	270	< 0.5	< 2	1.28	0.5	12	41	49	2.65	< 10	< 1	0.08	10	0.89	705
16DS-0012	201	202	< 5	< 0.2	1.95	< 2	230	0.5	< 2	1.32	< 0.5	10	33	28	2.33	< 10	< 1	0.07	10	1.07	560
16DS-0013	201	202	< 5	< 0.2	2.09	< 2	250	0.5	< 2	1.21	< 0.5	10	37	37	2.75	< 10	< 1	0.09	20	0.98	440
16DS-0014	201	202	< 5	< 0.2	1.16	< 2	130	< 0.5	< 2	3.74	< 0.5	7	24	63	1.61	< 10	< 1	0.04	10	0.52	290
16DS-0015	201	202	< 5	< 0.2	1.58	< 2	200	< 0.5	< 2	4.36	< 0.5	9	32	39	2.02	< 10	< 1	0.07	10	0.61	605
16DS-0016	201	202	< 5	< 0.2	1.31	< 2	130	< 0.5	< 2	2.10	< 0.5	6	32	29	1.64	< 10	< 1	0.06	10	0.59	190
16DS-0017	201	202	< 5	< 0.2	1.41	< 2	160	< 0.5	< 2	2.19	< 0.5	7	37	34	1.96	< 10	< 1	0.06	10	0.63	250
16DS-0018	201	202	< 5	0.4	2.25	< 2	310	0.5	< 2	0.97	0.5	30	44	55	3.14	< 10	< 1	0.05	10	0.55	2690
16DS-0019	201	202	< 5	< 0.2	1.74	< 2	250	< 0.5	< 2	1.02	0.5	12	37	34	2.71	< 10	< 1	0.07	10	1.04	450
16DS-0020	201	202	< 5	< 0.2	2.09	4	210	0.5	< 2	0.85	< 0.5	15	34	20	3.75	< 10	< 1	0.10	20	1.38	625
16DS-0021	201	202	< 5	< 0.2	1.69	2	220	0.5	< 2	1.30	< 0.5	11	31	21	2.82	< 10	< 1	0.10	20	1.05	465
16DS-0022	201	202	< 5	< 0.2	1.80	< 2	240	0.5	< 2	1.68	0.5	10	35	43	2.38	< 10	< 1	0.10	10	0.91	460
16DS-0023	201	202	< 5	< 0.2	1.60	< 2	200	< 0.5	< 2	1.06	< 0.5	9	29	21	2.40	< 10	< 1	0.09	20	0.91	295
16DS-0024	201	202	< 5	< 0.2	1.48	< 2	190	< 0.5	< 2	0.83	< 0.5	8	26	16	2.29	< 10	< 1	0.07	20	0.86	255
16DS-0025	201	202	< 5	< 0.2	1.46	< 2	190	< 0.5	< 2	0.79	< 0.5	9	27	15	2.14	< 10	< 1	0.08	20	0.82	200
16DS-0026	201	202	< 5	< 0.2	1.57	8	200	< 0.5	< 2	1.17	< 0.5	9	27	23	2.23	< 10	< 1	0.08	10	0.85	265
16DS-0027	201	202	< 5	< 0.2	1.34	< 2	180	< 0.5	< 2	0.78	< 0.5	8	25	17	2.03	< 10	< 1	0.05	10	0.73	260
16DS-0028	201	202	15	< 0.2	1.26	4	170	< 0.5	< 2	0.77	< 0.5	8	23	17	1.96	< 10	< 1	0.05	10	0.72	225
16DS-0029	201	202	< 5	< 0.2	1.23	2	170	< 0.5	< 2	0.74	< 0.5	8	24	16	2.02	< 10	< 1	0.04	10	0.73	255
16DS-0030	201	202	< 5	< 0.2	1.38	< 2	190	< 0.5	< 2	0.92	< 0.5	9	26	22	2.34	< 10	< 1	0.06	10	0.81	330
16DS-0031	201	202	< 5	< 0.2	1.22	< 2	170	< 0.5	< 2	0.69	< 0.5	8	24	16	1.92	< 10	< 1	0.06	10	0.66	205
16DS-0032	201	202	< 5	< 0.2	1.55	8	270	< 0.5	< 2	0.94	< 0.5	10	30	22	2.30	< 10	< 1	0.08	10	0.71	260
16DS-0033	201	202	< 5	< 0.2	1.57	8	310	< 0.5	< 2	1.00	< 0.5	10	30	27	2.36	< 10	< 1	0.08	10	0.72	285
16DS-0034	201	202	< 5	< 0.2	1.64	2	300	< 0.5	< 2	1.01	< 0.5	10	30	27	2.41	< 10	< 1	0.09	10	0.73	275
16DS-0035	201	202	< 5	< 0.2	1.64	6	320	< 0.5	< 2	1.04	< 0.5	10	30	27	2.45	< 10	< 1	0.08	10	0.75	285
16DS-0036	201	202	< 5	< 0.2	1.53	8	290	< 0.5	< 2	0.99	< 0.5	9	29	25	2.33	< 10	< 1	0.08	10	0.71	290
16DSS-0002	201	202	< 5	< 0.2	2.43	2	300	0.5	< 2	0.84	< 0.5	16	63	35	3.49	< 10	< 1	0.08	10	1.62	485
16DSS-0003	201	202	< 5	< 0.2	2.15	2	400	0.5	< 2	0.57	< 0.5	13	49	42	3.13	< 10	< 1	0.08	10	1.01	710
16DSS-0004	201	202	< 5	< 0.2	1.89	2	350	< 0.5	< 2	0.65	< 0.5	8	34	33	2.69	< 10	< 1	0.09	10	0.54	350
16DSS-0007	201	202	< 5	< 0.2	2.15	< 2	340	0.5	< 2	1.44	0.5	16	71	53	3.22	< 10	< 1	0.07	10	1.70	530
16DSS-0008	201	202	< 5	< 0.2	1.57	6	220	< 0.5	< 2	0.61	< 0.5	8	34	40	2.50	< 10	< 1	0.06	10	0.62	395
16DSS-0010	201	202	< 5	< 0.2	1.99	6	280	< 0.5	< 2	0.79	1.0	13	42	41	3.13	< 10	< 1	0.10	10	0.92	730
16DSS-0011	201	202	< 5	< 0.2	1.74	4	280	< 0.5	< 2	0.55	0.5	14	28	39	2.50	< 10	< 1	0.06	10	0.53	825

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 15-SEP-97
Invoice No. :I9741622
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9741622

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
15DS-0122	201	202	< 1	< 0.01	47	820	2	< 2	7	42	0.19	< 10	< 10	91	< 10	102
15DS-0123	201	202	1	< 0.01	57	770	6	< 2	7	41	0.18	< 10	< 10	86	< 10	94
15DS-0124	201	202	< 1	< 0.01	70	790	6	< 2	6	48	0.17	< 10	< 10	80	< 10	92
15DSS-0089	201	202	< 1	< 0.01	22	1680	4	< 2	1	69	0.01	< 10	< 10	49	< 10	56
15DSS-0090	201	202	< 1	0.01	29	1510	8	< 2	2	118	0.02	< 10	< 10	56	< 10	88
15DSS-0106	201	202	< 1	< 0.01	23	710	6	< 2	3	21	0.04	< 10	< 10	66	< 10	90
15DSS-0118	201	202	1	< 0.01	39	960	2	< 2	6	52	0.11	< 10	< 10	97	< 10	124
16DS-0009	201	202	< 1	< 0.01	35	1190	6	< 2	3	55	0.06	< 10	< 10	55	< 10	96
16DS-0012	201	202	< 1	< 0.01	30	850	6	< 2	4	52	0.03	< 10	< 10	33	< 10	96
16DS-0013	201	202	< 1	< 0.01	32	890	6	< 2	4	52	0.05	< 10	< 10	46	< 10	100
16DS-0014	201	202	< 1	< 0.01	18	650	< 2	< 2	3	101	0.07	< 10	< 10	40	< 10	40
16DS-0015	201	202	< 1	< 0.01	18	700	< 2	< 2	4	75	0.06	< 10	< 10	47	< 10	54
16DS-0016	201	202	< 1	0.01	17	700	2	< 2	3	58	0.04	< 10	< 10	31	< 10	50
16DS-0017	201	202	< 1	< 0.01	19	820	2	< 2	3	61	0.04	< 10	< 10	36	< 10	58
16DS-0018	201	202	3	0.01	29	1840	6	< 2	3	36	0.02	< 10	< 10	58	< 10	84
16DS-0019	201	202	< 1	< 0.01	34	780	4	< 2	4	43	0.09	< 10	< 10	55	< 10	100
16DS-0020	201	202	< 1	< 0.01	33	920	10	< 2	3	37	0.03	< 10	< 10	38	< 10	86
16DS-0021	201	202	< 1	< 0.01	28	910	10	< 2	4	52	0.07	< 10	< 10	39	< 10	70
16DS-0022	201	202	< 1	< 0.01	28	920	8	< 2	5	72	0.05	< 10	< 10	42	< 10	74
16DS-0023	201	202	< 1	< 0.01	24	830	6	< 2	4	46	0.05	< 10	< 10	37	< 10	64
16DS-0024	201	202	< 1	< 0.01	22	790	4	< 2	4	39	0.06	< 10	< 10	35	< 10	60
16DS-0025	201	202	< 1	< 0.01	21	780	4	< 2	4	38	0.06	< 10	< 10	36	< 10	60
16DS-0026	201	202	< 1	0.01	23	790	8	< 2	4	50	0.03	< 10	< 10	31	< 10	66
16DS-0027	201	202	< 1	< 0.01	21	720	6	< 2	4	37	0.04	< 10	< 10	31	< 10	58
16DS-0028	201	202	< 1	< 0.01	21	700	6	< 2	3	35	0.03	< 10	< 10	29	< 10	58
16DS-0029	201	202	< 1	< 0.01	22	760	6	< 2	3	33	0.04	< 10	< 10	29	< 10	58
16DS-0030	201	202	< 1	< 0.01	24	810	4	< 2	4	42	0.04	< 10	< 10	33	< 10	64
16DS-0031	201	202	< 1	< 0.01	20	730	4	< 2	3	33	0.04	< 10	< 10	31	< 10	58
16DS-0032	201	202	< 1	0.01	25	770	6	< 2	5	47	0.08	< 10	< 10	46	< 10	70
16DS-0033	201	202	< 1	0.01	26	740	8	< 2	5	50	0.08	< 10	< 10	48	< 10	72
16DS-0034	201	202	< 1	0.01	26	730	6	< 2	5	51	0.08	< 10	< 10	47	< 10	74
16DS-0035	201	202	< 1	0.01	26	770	8	< 2	5	53	0.08	< 10	< 10	48	< 10	74
16DS-0036	201	202	< 1	0.01	25	730	8	< 2	4	50	0.07	< 10	< 10	44	< 10	72
16DSS-0002	201	202	< 1	< 0.01	41	1060	6	< 2	8	35	0.17	< 10	< 10	83	< 10	94
16DSS-0003	201	202	1	< 0.01	33	1050	6	< 2	5	34	0.09	< 10	< 10	72	< 10	106
16DSS-0004	201	202	< 1	< 0.01	22	730	8	< 2	3	39	0.05	< 10	< 10	58	< 10	78
16DSS-0007	201	202	< 1	< 0.01	58	1090	4	< 2	6	68	0.11	< 10	< 10	67	< 10	120
16DSS-0008	201	202	< 1	< 0.01	26	600	8	< 2	3	35	0.05	< 10	< 10	54	< 10	88
16DSS-0010	201	202	1	< 0.01	33	840	8	< 2	4	43	0.06	< 10	< 10	67	< 10	124
16DSS-0011	201	202	1	< 0.01	21	1110	6	< 2	2	34	0.03	< 10	< 10	50	< 10	58

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9741645

Comments: ATTN: GEORGE NICHOLSON

CERTIFICATE A9741645

(PHY) - INTERNATIONAL KODIAK RESOURCES INC.

Project:
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 15-SEP-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	192	Dry, sieve to -80 mesh
202	192	save reject
229	192	ICP - AQ Digestion charge

* NOTE 1:

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

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	191	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2118	192	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	192	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	192	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	192	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	192	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	192	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	192	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	192	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	192	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	192	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	192	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	192	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	192	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	192	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	192	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	192	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	192	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	192	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	192	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	192	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	192	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	192	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	192	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	192	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	192	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	192	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	192	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	192	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	192	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	192	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	192	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	192	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

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To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 15-SEP-97
Invoice No. :I9741645
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9741645

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
5AS00097	201	202	10	< 0.2	1.20	4	250	< 0.5	< 2	0.30	0.5	6	22	27	1.91	< 10	< 1	0.11	10	0.48	150
5AS00098	201	202	5	0.6	1.78	< 2	650	< 0.5	< 2	0.36	1.0	11	26	44	2.08	< 10	< 1	0.14	10	0.48	280
5AS00099	201	202	15	0.8	1.91	2	580	0.5	< 2	0.27	0.5	9	26	54	2.25	< 10	< 1	0.17	10	0.53	240
5AS000100	201	202	15	1.0	1.83	< 2	840	0.5	< 2	0.44	0.5	19	27	62	2.00	< 10	< 1	0.11	10	0.45	685
5AS000101	201	202	10	< 0.2	1.40	< 2	400	< 0.5	< 2	0.25	< 0.5	9	23	41	1.50	< 10	< 1	0.09	10	0.38	305
5AS000102	201	202	10	0.2	1.66	4	550	< 0.5	< 2	0.31	0.5	23	27	45	2.35	< 10	< 1	0.11	10	0.49	970
5AS000103	201	202	10	0.8	1.58	10	490	< 0.5	< 2	0.35	0.5	11	31	52	2.78	< 10	< 1	0.13	10	0.52	675
5AS000104	201	202	< 5	0.2	1.46	8	730	0.5	< 2	1.02	2.0	10	27	53	2.65	< 10	< 1	0.15	10	0.56	665
5AS000105	201	202	15	< 0.2	2.17	10	780	0.5	< 2	0.44	1.5	15	42	72	3.22	< 10	< 1	0.20	10	0.60	845
5AS000106	201	202	< 5	< 0.2	1.97	8	530	0.5	< 2	0.66	2.5	11	31	53	2.79	< 10	< 1	0.22	10	0.63	495
5AS000107	201	202	< 5	< 0.2	2.10	< 2	660	0.5	< 2	1.42	3.0	11	28	59	2.69	< 10	< 1	0.26	10	0.85	660
5AS000108	201	202	< 5	< 0.2	2.01	< 2	650	0.5	< 2	1.08	3.0	13	29	54	2.60	< 10	< 1	0.27	10	0.78	1075
5AS000109	201	202	5	< 0.2	1.74	2	750	0.5	< 2	1.41	1.0	9	24	48	2.89	< 10	< 1	0.22	10	0.74	480
5AS000110	201	202	20	< 0.2	1.26	14	780	0.5	< 2	0.43	1.0	24	27	85	7.15	< 10	< 1	0.12	10	0.30	1420
5AS000111	201	202	< 5	< 0.2	2.10	10	780	0.5	< 2	0.83	1.5	13	29	47	3.88	< 10	< 1	0.33	20	0.86	635
5AS000113	201	202	< 5	< 0.2	1.98	10	800	0.5	< 2	1.05	2.0	12	27	57	3.33	< 10	< 1	0.29	20	0.83	530
5AS000114	201	202	< 5	< 0.2	1.24	6	420	0.5	< 2	0.61	1.0	12	18	47	3.31	< 10	< 1	0.08	10	0.65	460
5AS000115	201	202	< 5	< 0.2	1.15	2	370	0.5	< 2	0.76	1.5	12	16	48	3.33	< 10	< 1	0.06	10	0.63	530
5AS000116	201	202	< 5	< 0.2	1.20	8	420	0.5	< 2	0.87	1.5	12	17	55	3.45	< 10	< 1	0.07	10	0.66	565
5AS000117	201	202	< 5	< 0.2	1.21	2	480	0.5	< 2	0.83	1.5	11	18	61	2.87	< 10	< 1	0.08	10	0.61	280
5AS000118	201	202	10	< 0.2	1.20	6	460	0.5	< 2	1.14	2.0	12	17	72	3.26	< 10	< 1	0.08	10	0.65	485
5AS000119	201	202	< 5	< 0.2	1.31	2	530	0.5	< 2	0.98	1.5	12	18	55	2.67	< 10	< 1	0.10	10	0.66	760
5AS000120	201	202	< 5	< 0.2	1.49	8	590	0.5	< 2	0.83	1.0	12	20	51	2.78	< 10	< 1	0.13	10	0.68	620
5AS000121	201	202	< 5	< 0.2	1.33	< 2	380	0.5	< 2	0.88	0.5	9	20	38	2.34	< 10	< 1	0.10	10	0.60	495
5AS000122	201	202	< 5	< 0.2	1.34	4	550	0.5	< 2	1.01	2.5	10	22	55	2.55	< 10	< 1	0.13	10	0.60	425
5AS000123	201	202	< 5	< 0.2	1.46	4	550	0.5	< 2	1.03	1.5	12	21	56	2.98	< 10	< 1	0.14	10	0.67	605
5AS000124	201	202	< 5	< 0.2	1.26	8	500	0.5	< 2	1.03	2.0	11	19	56	2.66	< 10	< 1	0.11	10	0.59	655
5AS000125	201	202	10	< 0.2	0.49	< 2	360	< 0.5	< 2	2.56	0.5	3	7	34	0.66	< 10	< 1	0.03	< 10	0.40	230
5AS000126	201	202	10	< 0.2	1.22	< 2	320	< 0.5	< 2	0.71	0.5	8	21	50	1.90	< 10	< 1	0.09	10	0.73	235
5AS000127	201	202	< 5	< 0.2	1.02	4	310	< 0.5	< 2	0.79	2.0	16	18	55	1.79	< 10	< 1	0.07	10	0.73	220
5AS000128	201	202	< 5	< 0.2	1.12	6	380	< 0.5	< 2	0.77	2.0	12	19	49	2.89	< 10	< 1	0.08	10	0.60	435
5AS000129	201	202	< 5	< 0.2	1.28	6	500	0.5	< 2	0.77	2.0	11	21	52	2.81	< 10	< 1	0.11	10	0.59	395
5AS000130	201	202	< 5	< 0.2	1.16	2	390	< 0.5	< 2	0.73	1.0	10	16	47	2.31	< 10	< 1	0.08	10	0.64	350
5AS000131	201	202	< 5	< 0.2	1.18	2	390	< 0.5	< 2	0.86	1.5	11	18	52	2.08	< 10	< 1	0.09	10	0.73	285
5AS000132	201	202	< 5	< 0.2	1.07	4	320	< 0.5	< 2	0.76	1.0	10	16	44	2.06	< 10	< 1	0.07	10	0.68	245
5AS000133	201	202	< 5	< 0.2	0.97	6	290	< 0.5	< 2	0.82	1.5	13	16	55	1.88	< 10	< 1	0.07	10	0.72	265
5AS000134	201	202	< 5	< 0.2	0.91	4	250	< 0.5	< 2	0.73	1.0	11	14	44	1.84	< 10	< 1	0.06	10	0.66	230
5AS000136	201	202	< 5	< 0.2	0.98	6	290	< 0.5	< 2	0.89	2.0	14	15	59	2.02	< 10	< 1	0.06	10	0.71	305
5AS000137	201	202	10	< 0.2	1.07	8	310	< 0.5	< 2	0.84	2.0	14	16	57	2.36	< 10	< 1	0.07	10	0.74	405
5AS000138	201	202	< 5	< 0.2	1.05	2	340	< 0.5	< 2	1.67	2.0	12	17	54	2.03	< 10	< 1	0.07	10	0.67	350

CERTIFICATION: Ian Bridden

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CERTIFICATE OF ANALYSIS A9741645

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
5AS00097	201	202	1	< 0.01	19	890	6	< 2	3	33	0.05	< 10	< 10	45	< 10	82
5AS00098	201	202	3	0.01	24	1510	6	< 2	1	37	0.02	< 10	< 10	50	< 10	86
5AS00099	201	202	3	< 0.01	23	1790	8	< 2	1	39	0.01	< 10	< 10	58	< 10	100
5AS000100	201	202	3	0.01	22	1740	6	< 2	1	45	0.01	< 10	< 10	51	< 10	78
5AS000101	201	202	1	< 0.01	20	1240	8	< 2	1	36	0.01	< 10	< 10	34	< 10	64
5AS000102	201	202	4	< 0.01	22	1320	12	< 2	1	38	0.01	< 10	< 10	62	< 10	84
5AS000103	201	202	4	< 0.01	29	1330	8	< 2	3	53	0.01	< 10	< 10	91	< 10	110
5AS000104	201	202	6	< 0.01	38	1020	10	2	5	104	0.01	< 10	< 10	125	< 10	240
5AS000105	201	202	4	< 0.01	40	1310	12	< 2	5	72	0.03	< 10	< 10	103	< 10	192
5AS000106	201	202	2	< 0.01	58	1120	6	< 2	4	70	0.03	< 10	< 10	79	< 10	308
5AS000107	201	202	2	0.01	57	1100	8	< 2	5	100	0.01	< 10	< 10	65	< 10	276
5AS000108	201	202	1	0.01	56	1140	8	< 2	5	91	0.01	< 10	< 10	65	< 10	274
5AS000109	201	202	1	0.01	41	1210	8	< 2	5	102	0.01	< 10	< 10	50	< 10	216
5AS000110	201	202	6	< 0.01	63	1120	14	< 2	4	77	0.02	< 10	< 10	74	< 10	396
5AS000111	201	202	3	0.01	48	1190	8	< 2	5	85	0.01	< 10	< 10	66	< 10	290
5AS000113	201	202	3	0.01	44	1060	10	< 2	5	101	0.01	< 10	< 10	59	< 10	252
5AS000114	201	202	3	< 0.01	41	1120	8	< 2	3	62	< 0.01	< 10	< 10	39	< 10	256
5AS000115	201	202	3	< 0.01	43	1130	6	< 2	3	71	< 0.01	< 10	< 10	36	< 10	264
5AS000116	201	202	3	< 0.01	45	1150	10	< 2	4	77	< 0.01	< 10	< 10	38	< 10	272
5AS000117	201	202	4	< 0.01	46	1160	8	< 2	4	76	< 0.01	< 10	< 10	45	< 10	264
5AS000118	201	202	3	< 0.01	49	1240	10	< 2	4	94	< 0.01	< 10	< 10	41	< 10	286
5AS000119	201	202	3	< 0.01	36	1090	8	< 2	4	102	< 0.01	< 10	< 10	41	< 10	186
5AS000120	201	202	3	< 0.01	35	1110	10	< 2	4	95	0.01	< 10	< 10	46	< 10	186
5AS000121	201	202	1	< 0.01	28	820	8	< 2	4	74	0.01	< 10	< 10	37	< 10	132
5AS000122	201	202	2	< 0.01	45	950	8	< 2	4	93	0.01	< 10	< 10	57	< 10	234
5AS000123	201	202	3	< 0.01	40	1070	10	< 2	4	95	0.01	< 10	< 10	46	< 10	216
5AS000124	201	202	3	< 0.01	37	980	8	< 2	4	94	0.01	< 10	< 10	41	< 10	190
5AS000125	201	202	< 1	0.01	12	1010	2	< 2	1	146	0.01	< 10	< 10	12	< 10	46
5AS000126	201	202	1	0.01	25	1010	8	< 2	4	59	0.03	< 10	< 10	43	< 10	124
5AS000127	201	202	1	< 0.01	60	1130	6	< 2	3	69	0.01	< 10	< 10	35	< 10	384
5AS000128	201	202	2	< 0.01	49	1030	10	< 2	4	75	< 0.01	< 10	< 10	41	< 10	254
5AS000129	201	202	2	< 0.01	51	1000	6	< 2	4	82	0.01	< 10	< 10	49	< 10	262
5AS000130	201	202	2	< 0.01	37	1120	4	< 2	3	75	< 0.01	< 10	< 10	37	< 10	220
5AS000131	201	202	1	< 0.01	42	1150	6	< 2	3	80	0.01	< 10	< 10	39	< 10	268
5AS000132	201	202	1	< 0.01	38	1140	8	< 2	3	72	0.01	< 10	< 10	33	< 10	238
5AS000133	201	202	2	< 0.01	46	1170	8	< 2	3	76	0.01	< 10	< 10	32	< 10	294
5AS000134	201	202	1	< 0.01	38	1100	4	< 2	3	66	< 0.01	< 10	< 10	29	< 10	254
5AS000136	201	202	2	< 0.01	52	1160	6	< 2	3	80	< 0.01	< 10	< 10	32	< 10	338
5AS000137	201	202	3	< 0.01	49	1250	8	< 2	3	81	< 0.01	< 10	< 10	35	< 10	322
5AS000138	201	202	1	0.01	42	1070	6	< 2	3	110	0.01	< 10	< 10	35	< 10	268

CERTIFICATION:

Chemex Labs Ltd.

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 15-SEP-97
Invoice No. :I9741645
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9741645

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
5AS000139	201	202	5	0.2	1.26	8	420	< 0.5	< 2	0.91	2.0	16	18	58	2.38	< 10	< 1	0.11	10	0.79	425
5AS000140	201	202	< 5	0.4	1.22	4	410	< 0.5	< 2	1.02	2.0	14	19	66	2.34	< 10	< 1	0.09	10	0.70	500
5AS000141A	201	202	10	0.2	1.16	4	330	< 0.5	< 2	0.79	1.5	12	17	47	2.34	< 10	< 1	0.08	10	0.73	515
5AS000141B	201	202	10	0.2	1.22	< 2	410	< 0.5	< 2	0.86	2.0	15	18	60	2.75	< 10	< 1	0.10	10	0.70	1095
5AS000143	201	202	5	0.2	1.17	6	390	< 0.5	< 2	0.90	2.5	18	17	62	3.61	< 10	< 1	0.10	10	0.69	2410
5AS000144	201	202	< 5	0.2	1.17	6	420	0.5	< 2	0.98	2.0	13	17	55	3.02	< 10	1	0.09	10	0.61	1740
5AS000145	201	202	5	0.4	1.10	6	360	< 0.5	< 2	0.94	3.0	19	17	66	3.01	< 10	< 1	0.08	10	0.66	1915
5AS000146	201	202	< 5	0.2	1.16	6	420	< 0.5	< 2	0.81	2.0	15	17	58	3.33	< 10	< 1	0.09	10	0.64	2430
5AS000147	201	202	10	0.4	1.22	4	480	< 0.5	< 2	0.88	2.0	12	17	61	3.30	< 10	1	0.10	10	0.64	1640
5AS000148	201	202	5	0.4	1.29	2	490	0.5	< 2	0.91	2.0	10	19	62	2.89	< 10	1	0.09	10	0.60	510
5AS000149	201	202	< 5	0.8	1.05	2	440	< 0.5	< 2	1.26	6.0	8	22	60	1.97	< 10	< 1	0.07	10	0.50	350
5AS0150	201	202	< 5	0.8	1.57	10	580	0.5	< 2	0.14	1.5	12	23	27	3.08	< 10	< 1	0.17	< 10	0.50	585
5AS0151	201	202	< 5	0.4	1.57	2	1090	0.5	< 2	0.21	1.5	13	21	26	2.84	< 10	< 1	0.19	< 10	0.42	585
5AS0152	201	202	< 5	0.2	1.41	8	650	0.5	< 2	0.26	2.0	11	20	32	2.87	< 10	< 1	0.25	< 10	0.45	350
5AS0153	201	202	< 5	1.6	1.61	< 2	1530	1.0	< 2	1.29	2.5	10	15	48	1.95	< 10	1	0.10	50	0.46	530
5AS0154	201	202	< 5	0.8	1.03	< 2	710	< 0.5	< 2	2.14	2.0	7	11	34	1.48	< 10	< 1	0.08	10	0.78	370
5AS0155	201	202	< 5	0.6	0.71	< 2	650	< 0.5	< 2	2.34	1.5	4	8	33	0.85	< 10	< 1	0.05	10	0.60	195
5AS0156	201	202	< 5	0.2	0.57	< 2	480	< 0.5	< 2	2.07	1.5	3	7	27	0.73	< 10	1	0.05	< 10	0.44	135
5AS0157	201	202	< 5	< 0.2	0.79	< 2	270	< 0.5	< 2	2.78	1.5	4	8	24	1.03	< 10	< 1	0.10	< 10	0.70	280
5AS0159	201	202	not/ss	0.2	0.35	< 2	370	< 0.5	< 2	3.68	4.0	3	3	45	0.59	< 10	< 1	0.02	10	0.49	320
5AS0160	201	202	< 5	0.6	0.58	< 2	360	< 0.5	< 2	3.05	4.0	4	8	47	0.88	< 10	< 1	0.06	< 10	0.53	460
5AS0161	201	202	< 5	1.2	0.65	8	480	< 0.5	< 2	2.05	9.0	5	14	70	1.43	< 10	1	0.07	< 10	0.46	330
5AS0162	201	202	< 5	0.8	0.74	8	460	< 0.5	< 2	0.40	3.0	4	15	35	1.55	< 10	< 1	0.06	< 10	0.26	155
5AS0164	201	202	35	2.0	0.87	2	740	< 0.5	< 2	0.17	< 0.5	1	20	44	1.10	< 10	1	0.07	< 10	0.07	45
5AS0165	201	202	60	3.2	0.90	12	740	< 0.5	< 2	0.10	< 0.5	1	31	54	1.43	< 10	1	0.08	< 10	0.07	35
5AS0166	201	202	40	1.6	0.84	2	490	< 0.5	< 2	0.09	< 0.5	< 1	19	110	1.52	< 10	3	0.09	< 10	0.03	20
5AS0167	201	202	20	1.6	0.71	6	590	< 0.5	< 2	0.17	< 0.5	1	17	43	1.37	< 10	1	0.06	< 10	0.06	40
5AS0168	201	202	15	3.2	0.85	4	800	< 0.5	< 2	0.18	0.5	1	27	60	1.26	< 10	1	0.10	< 10	0.09	50
5AS0169	201	202	10	1.4	0.95	8	830	< 0.5	< 2	0.21	1.5	3	29	68	1.46	< 10	< 1	0.10	10	0.17	85
5AS0170	201	202	15	1.6	0.95	8	730	< 0.5	< 2	0.25	1.5	5	29	70	1.61	< 10	1	0.09	10	0.19	125
5AS0171	201	202	15	1.6	0.94	6	660	< 0.5	< 2	0.18	1.5	4	27	60	1.66	< 10	< 1	0.09	10	0.20	95
5AS0172	201	202	20	0.6	0.77	4	470	< 0.5	< 2	0.23	1.0	3	20	34	1.36	< 10	< 1	0.07	< 10	0.25	85
5AS0173	201	202	10	1.0	1.00	10	600	< 0.5	< 2	0.29	2.0	6	25	53	1.90	< 10	< 1	0.09	10	0.26	185
5AS0174	201	202	10	0.8	1.00	6	480	< 0.5	< 2	0.30	2.5	19	23	46	2.10	< 10	< 1	0.07	< 10	0.30	930
5AS0175	201	202	15	0.6	0.99	6	470	< 0.5	< 2	0.27	1.5	13	22	38	2.02	< 10	< 1	0.08	10	0.31	690
5AS0176	201	202	10	0.2	0.90	4	280	< 0.5	< 2	0.32	1.0	6	22	35	2.00	< 10	< 1	0.06	< 10	0.37	210
5AS0177	201	202	< 5	0.6	0.84	4	260	< 0.5	< 2	0.18	1.0	9	19	42	2.42	< 10	< 1	0.06	< 10	0.24	375
5AS0178	201	202	< 5	1.0	0.74	12	300	< 0.5	< 2	0.83	35.0	12	18	60	2.24	< 10	1	0.05	< 10	0.26	4200
5AS0179	201	202	< 5	0.4	0.75	6	190	< 0.5	< 2	0.43	4.0	7	17	20	2.00	< 10	< 1	0.05	< 10	0.36	205
5AS0180	201	202	< 5	0.8	0.93	4	200	< 0.5	< 2	0.90	20.0	9	20	55	1.87	< 10	< 1	0.05	< 10	0.35	600

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To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 15-SEP-97
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CERTIFICATE OF ANALYSIS A9741645

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
5AS000139	201	202	2	< 0.01	60	1220	8	< 2	4	83	0.01	< 10	< 10	42	< 10	356
5AS000140	201	202	2	< 0.01	63	1040	8	< 2	4	83	0.01	< 10	< 10	41	< 10	328
5AS000141A	201	202	1	< 0.01	45	1060	8	< 2	3	70	0.01	< 10	< 10	35	< 10	260
5AS000141B	201	202	3	< 0.01	59	1080	8	2	4	80	0.01	< 10	< 10	42	< 10	316
5AS000143	201	202	3	< 0.01	68	1190	8	< 2	3	88	0.01	< 10	< 10	42	< 10	338
5AS000144	201	202	3	< 0.01	50	1030	8	< 2	3	97	< 0.01	< 10	< 10	38	< 10	228
5AS000145	201	202	3	< 0.01	73	1070	10	< 2	4	82	0.01	< 10	< 10	38	< 10	398
5AS000146	201	202	4	< 0.01	63	1120	8	< 2	3	83	< 0.01	< 10	< 10	42	< 10	300
5AS000147	201	202	4	< 0.01	55	1180	10	2	3	89	< 0.01	< 10	< 10	44	< 10	250
5AS000148	201	202	4	< 0.01	47	1230	10	< 2	3	92	< 0.01	< 10	< 10	51	< 10	252
5AS000149	201	202	4	< 0.01	81	1100	6	< 2	3	120	0.01	< 10	< 10	85	< 10	866
5AS0150	201	202	4	< 0.01	19	1080	14	< 2	2	27	0.03	< 10	< 10	56	< 10	118
5AS0151	201	202	3	< 0.01	19	1000	12	< 2	2	46	0.03	< 10	< 10	64	< 10	120
5AS0152	201	202	3	< 0.01	19	1120	12	< 2	1	42	0.01	< 10	< 10	61	< 10	130
5AS0153	201	202	1	< 0.01	23	1350	8	< 2	3	109	0.01	< 10	< 10	26	< 10	48
5AS0154	201	202	2	0.01	16	1210	6	< 2	1	125	< 0.01	< 10	< 10	24	< 10	98
5AS0155	201	202	1	< 0.01	13	1160	2	< 2	1	162	< 0.01	< 10	< 10	14	< 10	54
5AS0156	201	202	1	0.01	11	1190	2	< 2	1	157	< 0.01	< 10	< 10	13	< 10	52
5AS0157	201	202	1	< 0.01	17	1050	2	< 2	1	175	< 0.01	< 10	< 10	22	< 10	62
5AS0159	201	202	1	0.01	21	1350	< 2	< 2	< 1	246	< 0.01	< 10	< 10	15	< 10	72
5AS0160	201	202	3	< 0.01	33	1190	2	< 2	1	206	< 0.01	< 10	< 10	30	< 10	178
5AS0161	201	202	8	< 0.01	65	1110	10	2	1	185	< 0.01	< 10	< 10	100	< 10	498
5AS0162	201	202	7	< 0.01	36	350	8	< 2	1	46	< 0.01	< 10	< 10	80	< 10	176
5AS0164	201	202	3	< 0.01	13	1200	16	< 2	3	56	< 0.01	< 10	< 10	33	< 10	26
5AS0165	201	202	6	< 0.01	13	1410	24	2	3	64	< 0.01	< 10	< 10	61	< 10	20
5AS0166	201	202	3	< 0.01	22	1240	22	< 2	7	41	< 0.01	< 10	< 10	58	< 10	14
5AS0167	201	202	4	< 0.01	15	1560	14	< 2	1	51	< 0.01	< 10	< 10	36	< 10	22
5AS0168	201	202	7	< 0.01	23	1590	18	2	1	94	< 0.01	< 10	< 10	104	< 10	70
5AS0169	201	202	10	< 0.01	29	1390	16	2	1	106	0.01	< 10	< 10	160	< 10	122
5AS0170	201	202	11	< 0.01	43	1030	16	2	3	91	0.01	< 10	< 10	156	< 10	200
5AS0171	201	202	11	< 0.01	33	1010	12	2	2	76	0.01	< 10	< 10	153	< 10	152
5AS0172	201	202	6	< 0.01	24	680	10	2	1	57	0.01	< 10	< 10	78	< 10	112
5AS0173	201	202	8	< 0.01	33	1010	12	< 2	3	71	0.01	< 10	< 10	116	< 10	146
5AS0174	201	202	7	< 0.01	31	890	14	< 2	3	60	0.01	< 10	< 10	126	< 10	146
5AS0175	201	202	6	< 0.01	26	880	10	< 2	3	58	0.02	< 10	< 10	103	< 10	118
5AS0176	201	202	3	< 0.01	25	790	8	2	3	41	0.03	< 10	< 10	60	< 10	106
5AS0177	201	202	8	< 0.01	27	910	12	< 2	3	43	0.01	< 10	< 10	67	< 10	100
5AS0178	201	202	10	< 0.01	106	1590	8	2	3	76	0.01	< 10	< 10	123	< 10	1935
5AS0179	201	202	3	< 0.01	51	450	8	< 2	2	37	0.01	< 10	< 10	77	< 10	520
5AS0180	201	202	3	< 0.01	95	740	8	< 2	3	53	0.01	< 10	< 10	84	< 10	2090

CERTIFICATION:

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Project :
Comments: ATTN: GEORGE NICHOLSON

Page Number :3-A
Total Pages :5
Certificate Date: 15-SEP-97
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CERTIFICATE OF ANALYSIS A9741645

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
5AS0181	201	202	20	0.4	0.67	10	500	< 0.5	< 2	0.35	3.0	9	15	55	2.41	< 10	< 1	0.09	< 10	0.21	510
5AS0182	201	202	< 5	0.6	0.82	12	550	< 0.5	< 2	0.50	3.0	10	18	62	2.47	< 10	< 1	0.10	10	0.28	630
5AS0183	201	202	< 5	0.8	0.85	8	530	< 0.5	< 2	0.49	4.0	11	20	67	2.35	< 10	< 1	0.09	< 10	0.28	670
5AS0184	201	202	< 5	1.2	1.00	2	320	< 0.5	< 2	0.90	7.5	9	23	61	1.67	< 10	1	0.06	< 10	0.36	115
5AS0185	201	202	< 5	0.6	0.84	12	370	0.5	< 2	0.71	7.0	11	19	63	2.87	< 10	< 1	0.08	< 10	0.27	570
5AS0186	201	202	< 5	0.8	0.77	8	340	< 0.5	< 2	1.10	8.5	11	17	69	2.43	< 10	< 1	0.07	< 10	0.31	615
5AS0187	201	202	< 5	0.6	0.81	8	350	< 0.5	< 2	0.79	6.5	12	17	62	2.78	< 10	< 1	0.08	< 10	0.32	585
5AS0188	201	202	< 5	0.6	0.82	8	330	< 0.5	< 2	0.87	6.5	11	17	61	2.61	< 10	< 1	0.07	< 10	0.34	585
5AS0189	201	202	< 5	0.6	1.26	6	370	< 0.5	< 2	1.04	3.0	14	28	69	1.81	< 10	< 1	0.10	10	0.65	885
5AS0190	201	202	< 5	0.2	0.95	10	310	< 0.5	< 2	0.86	1.5	10	20	37	2.28	< 10	< 1	0.07	< 10	0.62	470
5AS0191	201	202	< 5	< 0.2	0.86	2	270	< 0.5	< 2	0.80	1.0	8	18	27	2.03	< 10	< 1	0.06	< 10	0.60	340
5AS0192	201	202	< 5	0.2	0.93	< 2	340	< 0.5	< 2	0.89	2.0	10	19	35	2.33	< 10	< 1	0.08	10	0.56	585
5AS0193	201	202	< 5	0.2	1.02	2	330	< 0.5	< 2	0.90	2.0	10	21	38	2.30	< 10	< 1	0.08	10	0.61	565
6AS0060	201	202	< 5	< 0.2	1.82	< 2	570	0.5	< 2	1.52	< 0.5	11	21	23	2.72	< 10	< 1	0.20	10	0.72	885
6AS0061	201	202	< 5	< 0.2	1.92	< 2	640	0.5	< 2	0.83	< 0.5	10	22	24	2.42	< 10	< 1	0.20	< 10	0.56	515
6AS0063	201	202	< 5	0.4	2.02	< 2	830	0.5	< 2	0.93	1.0	9	28	40	2.24	< 10	1	0.21	10	0.69	505
6AS0064	201	202	< 5	0.2	1.49	< 2	510	< 0.5	< 2	0.63	< 0.5	7	22	26	1.64	< 10	< 1	0.16	10	0.56	245
6AS0065	201	202	< 5	0.6	1.49	2	840	0.5	< 2	0.66	1.5	9	26	42	2.10	< 10	< 1	0.18	10	0.55	650
6AS0066	201	202	< 5	0.6	1.36	2	800	< 0.5	< 2	0.76	2.0	7	25	44	1.84	< 10	< 1	0.14	10	0.50	555
6AS0068	201	202	< 5	0.4	1.41	< 2	650	< 0.5	< 2	1.03	1.5	8	21	40	1.82	< 10	< 1	0.11	10	0.57	670
6AS0069	201	202	< 5	0.6	1.28	10	620	< 0.5	< 2	0.52	1.5	13	28	47	2.83	< 10	< 1	0.15	10	0.45	840
6AS0070	201	202	< 5	0.4	1.48	< 2	660	< 0.5	< 2	1.05	1.5	9	22	43	1.91	< 10	< 1	0.13	10	0.58	595
6AS0071	201	202	< 5	0.4	1.45	2	450	0.5	< 2	1.61	2.0	10	20	78	2.17	< 10	< 1	0.19	10	0.72	625
6AS0072	201	202	< 5	0.2	1.43	2	620	0.5	< 2	0.84	2.0	9	22	42	2.19	< 10	< 1	0.14	10	0.60	670
6AS0073	201	202	< 5	0.2	1.48	< 2	730	< 0.5	< 2	0.83	0.5	9	21	42	1.98	< 10	< 1	0.14	10	0.68	505
6AS0074	201	202	< 5	0.2	1.43	< 2	580	< 0.5	< 2	0.93	2.0	9	22	45	2.02	< 10	< 1	0.13	10	0.63	570
6AS0075	201	202	< 5	0.2	1.33	6	520	< 0.5	< 2	0.54	0.5	9	24	40	2.36	< 10	< 1	0.10	10	0.58	410
6AS0076	201	202	< 5	0.4	1.65	2	640	0.5	< 2	1.14	2.0	10	25	52	2.29	< 10	< 1	0.16	10	0.69	645
6AS0077	201	202	< 5	0.2	1.41	< 2	570	< 0.5	< 2	0.79	2.0	9	24	44	2.05	< 10	< 1	0.15	10	0.59	400
6AS0078	201	202	< 5	< 0.2	1.48	< 2	510	< 0.5	< 2	0.83	1.0	8	24	31	2.15	< 10	< 1	0.13	10	0.73	330
6AS0081	201	202	< 5	0.2	1.54	< 2	610	< 0.5	< 2	0.84	1.5	10	25	42	2.36	< 10	< 1	0.14	10	0.70	500
6AS0082	201	202	< 5	< 0.2	1.23	2	350	< 0.5	< 2	0.80	0.5	9	22	33	2.25	< 10	< 1	0.11	10	0.70	395
6AS0083	201	202	< 5	0.2	1.47	4	570	< 0.5	< 2	1.18	1.5	9	23	42	2.16	< 10	< 1	0.15	10	0.66	465
6AS0084	201	202	< 5	0.4	1.34	< 2	530	< 0.5	< 2	0.66	0.5	8	26	35	2.11	< 10	< 1	0.11	10	0.51	525
6AS0085	201	202	< 5	0.2	1.46	< 2	530	< 0.5	< 2	1.45	1.5	8	21	39	2.15	< 10	< 1	0.13	10	0.69	420
6AS0086	201	202	< 5	0.2	1.46	2	530	< 0.5	< 2	0.87	1.5	9	23	43	2.28	< 10	< 1	0.13	10	0.69	435
6AS0087	201	202	< 5	0.2	1.29	< 2	460	< 0.5	< 2	0.93	1.5	9	21	48	2.19	< 10	< 1	0.10	10	0.63	570
6AS0088	201	202	< 5	0.2	1.21	< 2	480	< 0.5	< 2	1.10	2.0	10	21	50	2.22	< 10	1	0.09	10	0.64	590
6AS096	201	202	< 5	0.6	1.50	2	340	< 0.5	< 2	0.39	1.5	12	26	45	2.04	< 10	< 1	0.06	10	0.40	745
6AS097	201	202	< 5	0.6	1.68	< 2	570	< 0.5	< 2	0.92	1.5	10	26	42	1.98	< 10	< 1	0.07	10	0.60	800

CERTIFICATION:_____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 15-SEP-97
Invoice No. :I9741645
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9741645

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
5AS0181	201	202	9	< 0.01	49	1060	12	< 2	3	76	< 0.01	< 10	< 10	70	< 10	212
5AS0182	201	202	7	< 0.01	48	1140	12	2	3	86	0.01	< 10	< 10	79	< 10	216
5AS0183	201	202	7	< 0.01	47	1010	12	2	3	76	0.01	< 10	< 10	82	< 10	204
5AS0184	201	202	4	< 0.01	79	940	10	< 2	4	61	0.02	< 10	< 10	102	< 10	924
5AS0185	201	202	7	< 0.01	77	1040	12	< 2	4	73	0.01	< 10	< 10	92	< 10	1030
5AS0186	201	202	4	< 0.01	77	940	10	< 2	3	75	0.01	< 10	< 10	80	< 10	1065
5AS0187	201	202	5	< 0.01	78	880	10	2	4	73	0.01	< 10	< 10	73	< 10	1200
5AS0188	201	202	4	< 0.01	75	880	10	< 2	3	71	0.01	< 10	< 10	71	< 10	1165
5AS0189	201	202	3	0.01	63	1080	10	< 2	5	68	0.05	< 10	< 10	84	< 10	316
5AS0190	201	202	1	< 0.01	39	880	8	< 2	3	50	0.04	< 10	< 10	48	< 10	242
5AS0191	201	202	1	< 0.01	30	810	6	< 2	3	43	0.03	< 10	< 10	40	< 10	178
5AS0192	201	202	1	< 0.01	40	940	6	< 2	3	55	0.03	< 10	< 10	51	< 10	328
5AS0193	201	202	1	< 0.01	42	860	8	< 2	3	53	0.04	< 10	< 10	53	< 10	322
6AS0060	201	202	< 1	< 0.01	23	720	12	< 2	4	65	< 0.01	< 10	< 10	24	< 10	78
6AS0061	201	202	1	< 0.01	25	540	10	< 2	4	48	< 0.01	< 10	< 10	32	< 10	102
6AS0063	201	202	4	< 0.01	30	980	8	< 2	4	75	0.01	< 10	< 10	87	< 10	164
6AS0064	201	202	< 1	< 0.01	22	840	6	< 2	3	52	0.03	< 10	< 10	50	< 10	104
6AS0065	201	202	4	< 0.01	33	990	10	< 2	3	85	0.01	< 10	< 10	85	< 10	182
6AS0066	201	202	2	< 0.01	33	920	8	< 2	3	87	0.01	< 10	< 10	78	< 10	160
6AS0068	201	202	1	< 0.01	29	890	6	< 2	3	84	0.01	< 10	< 10	52	< 10	136
6AS0069	201	202	4	< 0.01	37	950	12	< 2	4	80	0.03	< 10	< 10	74	< 10	188
6AS0070	201	202	1	< 0.01	31	850	8	< 2	4	86	0.02	< 10	< 10	55	< 10	156
6AS0071	201	202	3	< 0.01	41	1380	8	< 2	4	155	0.01	< 10	< 10	55	< 10	164
6AS0072	201	202	2	< 0.01	34	970	8	< 2	3	85	0.01	< 10	< 10	55	< 10	190
6AS0073	201	202	2	< 0.01	29	1090	6	< 2	3	83	0.01	< 10	< 10	43	< 10	128
6AS0074	201	202	1	< 0.01	35	970	8	< 2	3	90	0.01	< 10	< 10	49	< 10	184
6AS0075	201	202	1	< 0.01	32	1040	8	< 2	4	60	0.04	< 10	< 10	50	< 10	122
6AS0076	201	202	2	< 0.01	40	1030	8	< 2	4	107	0.02	< 10	< 10	62	< 10	210
6AS0077	201	202	1	< 0.01	34	970	8	< 2	3	87	0.03	< 10	< 10	58	< 10	170
6AS0078	201	202	1	< 0.01	27	750	6	< 2	4	62	0.05	< 10	< 10	49	< 10	120
6AS0081	201	202	1	< 0.01	34	930	10	< 2	4	80	0.04	< 10	< 10	55	< 10	160
6AS0082	201	202	1	< 0.01	28	810	8	< 2	3	56	0.05	< 10	< 10	44	< 10	106
6AS0083	201	202	1	< 0.01	31	920	8	< 2	3	97	0.03	< 10	< 10	53	< 10	152
6AS0084	201	202	1	< 0.01	28	880	8	< 2	3	64	0.04	< 10	< 10	55	< 10	104
6AS0085	201	202	1	< 0.01	30	870	8	< 2	3	111	0.02	< 10	< 10	47	< 10	162
6AS0086	201	202	1	< 0.01	33	950	10	< 2	4	83	0.03	< 10	< 10	51	< 10	160
6AS0087	201	202	1	< 0.01	33	970	8	< 2	4	88	0.02	< 10	< 10	45	< 10	158
6AS0088	201	202	2	< 0.01	34	940	10	< 2	3	91	0.02	< 10	< 10	43	< 10	160
6AS096	201	202	2	< 0.01	33	1090	10	< 2	1	37	0.01	< 10	< 10	46	< 10	108
6AS097	201	202	1	< 0.01	33	1110	8	< 2	3	56	0.01	< 10	< 10	41	< 10	138

CERTIFICATION: Stewart Bamber

Chemex Labs Ltd.

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 15-SEP-97
Invoice No. :I9741645
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9741645

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
6AS098	201	202	< 5	0.2	1.83	< 2	450	< 0.5	< 2	1.08	0.5	9	29	32	2.15	< 10	< 1	0.11	10	0.61	505
6AS0099	201	202	< 5	0.4	2.14	2	450	0.5	< 2	0.99	1.0	12	32	45	2.50	< 10	< 1	0.16	20	0.83	885
6AS0100	201	202	< 5	0.6	1.64	2	450	< 0.5	< 2	0.74	< 0.5	10	33	35	2.31	< 10	< 1	0.12	10	0.56	460
6AS0101	201	202	< 5	0.2	1.64	< 2	420	< 0.5	< 2	0.64	0.5	10	27	32	2.14	< 10	< 1	0.11	10	0.64	820
6AS0102	201	202	< 5	0.2	1.57	2	410	< 0.5	< 2	0.65	< 0.5	11	25	33	2.12	< 10	< 1	0.09	10	0.59	810
6AS0103	201	202	< 5	0.2	1.52	2	380	< 0.5	< 2	0.57	< 0.5	11	25	28	1.96	< 10	< 1	0.09	10	0.57	620
6AS0104	201	202	< 5	0.2	1.55	< 2	410	< 0.5	< 2	0.79	0.5	9	23	29	2.07	< 10	< 1	0.15	20	0.60	415
6AS0106	201	202	< 5	0.2	1.61	2	400	< 0.5	< 2	0.71	0.5	12	27	30	2.17	< 10	< 1	0.09	10	0.60	765
6AS0107	201	202	< 5	0.2	1.49	< 2	400	< 0.5	< 2	0.77	0.5	9	23	27	2.03	< 10	< 1	0.12	10	0.60	435
6AS0108	201	202	< 5	< 0.2	0.81	2	160	< 0.5	< 2	0.79	< 0.5	5	14	7	1.07	< 10	< 1	0.08	10	0.51	225
6AS0109	201	202	< 5	< 0.2	1.42	< 2	330	< 0.5	< 2	0.62	0.5	10	27	24	2.01	< 10	< 1	0.09	10	0.64	530
6AS0110	201	202	< 5	0.2	1.41	< 2	340	< 0.5	< 2	0.77	0.5	10	25	26	2.02	< 10	< 1	0.08	10	0.64	470
6AS0111	201	202	< 5	0.2	1.41	< 2	340	< 0.5	< 2	0.86	< 0.5	11	25	30	2.17	< 10	< 1	0.08	10	0.60	565
6AS0112	201	202	< 5	0.2	1.11	2	240	< 0.5	< 2	0.70	< 0.5	10	22	22	2.15	< 10	< 1	0.09	10	0.57	405
6AS0113	201	202	< 5	< 0.2	1.54	2	430	< 0.5	< 2	1.09	< 0.5	12	32	24	2.44	< 10	< 1	0.11	10	0.72	515
6AS0115	201	202	< 5	0.2	1.27	< 2	220	< 0.5	< 2	0.52	< 0.5	17	46	16	1.86	< 10	< 1	0.12	10	0.66	640
6AS0117	201	202	15	0.2	1.70	2	470	< 0.5	< 2	1.65	< 0.5	17	44	35	2.81	< 10	< 1	0.12	10	0.74	695
6AS0118	201	202	< 5	< 0.2	1.29	< 2	760	< 0.5	< 2	0.81	< 0.5	20	20	21	3.34	< 10	< 1	0.12	10	0.38	625
6AS0120	201	202	< 5	0.2	1.46	2	410	< 0.5	< 2	2.34	< 0.5	20	32	41	2.69	< 10	< 1	0.10	10	0.61	685
6AS0121	201	202	< 5	< 0.2	1.57	4	420	< 0.5	< 2	0.93	< 0.5	23	31	28	3.44	< 10	< 1	0.13	10	0.73	530
6AS0122	201	202	< 5	< 0.2	1.37	4	420	< 0.5	< 2	0.85	< 0.5	14	25	20	2.33	< 10	< 1	0.12	10	0.57	415
8AS0001	201	202	< 5	1.0	0.98	6	1000	< 0.5	< 2	1.82	1.0	7	19	57	1.29	< 10	< 1	0.10	< 10	0.43	990
8ASS0002	201	202	< 5	1.0	1.48	6	1550	0.5	< 2	1.13	0.5	7	32	51	1.64	< 10	< 1	0.15	10	0.52	610
8AS0003	201	202	25	3.2	1.91	14	2080	0.5	< 2	0.63	0.5	7	62	70	1.92	< 10	1	0.18	10	0.36	415
8AS0004	201	202	10	2.8	1.46	20	2070	0.5	< 2	0.73	8.5	6	46	95	1.77	< 10	1	0.11	10	0.32	560
8AS0005	201	202	10	1.6	1.35	10	1590	0.5	< 2	0.77	4.5	7	31	70	1.84	< 10	< 1	0.11	10	0.41	560
8ASS0006	201	202	< 5	2.8	1.21	18	1560	0.5	< 2	0.66	5.5	5	43	87	1.84	< 10	< 1	0.07	10	0.38	445
8AS0007	201	202	< 5	3.4	0.70	10	2720	0.5	< 2	2.67	12.0	7	38	71	1.20	< 10	< 1	0.06	10	0.15	340
8AS0008	201	202	< 5	2.2	0.73	14	6430	0.5	< 2	2.06	12.0	6	37	72	1.32	< 10	< 1	0.07	< 10	0.17	325
8AS0009	201	202	< 5	2.4	1.41	12	2660	0.5	< 2	1.00	8.0	8	44	81	1.79	< 10	< 1	0.11	10	0.35	660
8AS0010	201	202	< 5	3.0	1.21	8	1790	< 0.5	< 2	0.45	4.0	10	63	61	1.66	< 10	< 1	0.08	10	0.31	355
8AS0011	201	202	< 5	2.2	1.27	14	1210	0.5	< 2	1.55	21.0	8	43	84	1.75	< 10	< 1	0.10	10	0.32	545
8AS0013	201	202	< 5	1.6	1.58	8	1280	0.5	< 2	0.72	19.0	10	40	63	2.08	< 10	< 1	0.11	10	0.37	905
8AS0014	201	202	< 5	1.6	1.36	4	1400	0.5	< 2	0.81	15.5	7	39	62	1.87	< 10	< 1	0.10	10	0.38	370
8AS0015	201	202	< 5	0.8	1.30	2	540	< 0.5	< 2	0.41	4.5	10	27	36	1.98	< 10	< 1	0.08	10	0.37	620
8AS0016	201	202	< 5	0.6	1.37	2	630	< 0.5	< 2	0.84	1.0	9	21	55	1.94	< 10	< 1	0.13	10	0.44	560
8AS0018	201	202	< 5	3.2	1.18	18	910	0.5	< 2	1.16	16.5	12	60	82	2.06	< 10	< 1	0.12	10	0.43	765
8AS0019A	201	202	< 5	5.2	1.13	38	1490	1.0	< 2	1.64	26.5	13	141	153	2.26	< 10	< 1	0.15	20	0.43	1145
8AS0019B	201	202	< 5	4.2	0.99	30	1060	0.5	< 2	1.56	27.0	21	100	126	2.12	< 10	1	0.12	20	0.37	5680
8AS0020	201	202	< 5	3.4	1.08	30	1090	0.5	< 2	1.11	23.0	18	96	111	2.30	< 10	1	0.13	20	0.36	4120

CERTIFICATION:

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CERTIFICATE OF ANALYSIS A9741645

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
6AS098	201	202	< 1	< 0.01	28	610	8	< 2	4	57	0.03	< 10	< 10	48	< 10	96
6AS0099	201	202	< 1	< 0.01	39	1040	8	< 2	5	58	0.02	< 10	< 10	48	< 10	148
6AS0100	201	202	2	< 0.01	25	810	8	< 2	4	59	0.04	< 10	< 10	74	< 10	94
6AS0101	201	202	1	< 0.01	30	770	6	< 2	4	46	0.02	< 10	< 10	49	< 10	114
6AS0102	201	202	1	< 0.01	27	780	8	< 2	4	46	0.03	< 10	< 10	45	< 10	112
6AS0103	201	202	1	< 0.01	25	710	6	< 2	3	41	0.03	< 10	< 10	45	< 10	106
6AS0104	201	202	3	< 0.01	30	920	6	2	3	66	0.03	< 10	< 10	53	< 10	170
6AS0106	201	202	< 1	< 0.01	28	830	6	< 2	4	51	0.04	< 10	< 10	44	< 10	134
6AS0107	201	202	3	< 0.01	29	840	6	< 2	3	62	0.03	< 10	< 10	49	< 10	158
6AS0108	201	202	< 1	< 0.01	16	570	< 2	< 2	1	29	0.01	< 10	< 10	26	< 10	100
6AS0109	201	202	1	< 0.01	27	810	8	< 2	3	44	0.04	< 10	< 10	44	< 10	134
6AS0110	201	202	1	< 0.01	29	780	6	< 2	3	49	0.04	< 10	< 10	43	< 10	138
6AS0111	201	202	1	< 0.01	29	1000	6	< 2	4	50	0.03	< 10	< 10	42	< 10	122
6AS0112	201	202	< 1	< 0.01	22	820	6	< 2	4	33	0.04	< 10	< 10	33	< 10	70
6AS0113	201	202	1	< 0.01	31	1300	6	< 2	4	68	0.06	< 10	< 10	53	< 10	128
6AS0115	201	202	< 1	< 0.01	31	1050	6	< 2	4	44	0.06	< 10	< 10	44	< 10	86
6AS0117	201	202	1	< 0.01	42	1270	2	< 2	5	75	0.09	< 10	< 10	56	< 10	120
6AS0118	201	202	3	< 0.01	30	1670	6	< 2	3	48	0.04	< 10	< 10	55	< 10	66
6AS0120	201	202	1	< 0.01	39	1040	2	< 2	5	77	0.06	< 10	< 10	46	< 10	96
6AS0121	201	202	1	< 0.01	42	1590	6	< 2	5	57	0.07	< 10	< 10	54	< 10	140
6AS0122	201	202	1	< 0.01	30	1410	2	< 2	4	62	0.05	< 10	< 10	43	< 10	118
8AS0001	201	202	2	< 0.01	25	1040	8	2	2	139	< 0.01	< 10	< 10	60	< 10	76
8ASS0002	201	202	4	< 0.01	24	1560	10	< 2	3	130	0.01	< 10	< 10	150	< 10	102
8AS0003	201	202	11	< 0.01	35	2170	10	2	3	155	< 0.01	< 10	< 10	367	< 10	122
8AS0004	201	202	13	< 0.01	61	1760	10	6	3	131	< 0.01	< 10	< 10	303	< 10	458
8AS0005	201	202	9	< 0.01	39	1650	8	2	3	114	< 0.01	< 10	< 10	185	< 10	276
8ASS0006	201	202	19	< 0.01	55	1560	8	6	3	112	0.01	< 10	< 10	323	< 10	498
8AS0007	201	202	4	< 0.01	72	1360	6	2	3	279	< 0.01	< 10	< 10	219	< 10	568
8AS0008	201	202	7	< 0.01	79	1720	4	6	2	245	< 0.01	< 10	< 10	275	< 10	696
8AS0009	201	202	9	< 0.01	61	1620	6	2	3	149	0.01	< 10	< 10	278	< 10	486
8AS0010	201	202	12	< 0.01	66	1160	4	2	3	162	0.04	< 10	< 10	337	< 10	546
8AS0011	201	202	9	< 0.01	121	1440	6	4	3	192	0.02	< 10	< 10	291	< 10	1695
8AS0013	201	202	7	< 0.01	129	1280	8	2	4	110	0.03	< 10	< 10	220	< 10	2170
8AS0014	201	202	5	< 0.01	128	1180	6	< 2	4	116	0.03	< 10	< 10	197	< 10	2290
8AS0015	201	202	9	< 0.01	65	860	8	< 2	3	58	0.04	< 10	< 10	127	< 10	704
8AS0016	201	202	3	< 0.01	36	1210	6	< 2	3	88	0.02	< 10	< 10	54	< 10	142
8AS0018	201	202	16	< 0.01	117	1420	8	2	3	135	0.02	< 10	< 10	461	< 10	1400
8AS0019A	201	202	34	< 0.01	208	2000	10	8	4	209	0.01	< 10	< 10	1290	< 10	2110
8AS0019B	201	202	41	< 0.01	254	1730	8	8	4	183	0.01	< 10	< 10	927	< 10	2170
8AS0020	201	202	34	< 0.01	210	1780	8	6	4	150	0.01	< 10	< 10	863	< 10	1885

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 15-SEP-97
Invoice No. :I9741645
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9741645

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
8AS0021	201	202	< 5	0.6	1.46	6	520	< 0.5	< 2	0.66	1.0	11	29	57	2.74	< 10	< 1	0.12	10	0.45	1115
8AS0023	201	202	< 5	1.8	1.86	4	990	0.5	< 2	0.88	9.5	17	47	112	3.99	< 10	< 1	0.11	10	0.55	2340
8AS0024	201	202	< 5	2.2	1.32	6	1030	0.5	< 2	1.69	23.0	25	52	85	2.56	< 10	< 1	0.15	10	0.40	7630
8AS0025	201	202	< 5	2.0	1.42	18	1100	0.5	< 2	1.99	45.0	56	63	105	3.60	< 10	1	0.20	10	0.42	>10000
8AS0027	201	202	10	1.8	2.59	10	600	0.5	< 2	0.96	0.5	9	49	88	2.92	< 10	1	0.26	20	0.34	535
8AS0028	201	202	10	1.2	1.89	14	1360	0.5	< 2	0.27	< 0.5	14	42	47	2.69	< 10	1	0.19	10	0.29	1095
8AS0029	201	202	15	1.4	2.52	10	1460	0.5	< 2	0.52	< 0.5	17	44	72	3.71	< 10	1	0.20	20	0.43	1610
8AS0030	201	202	< 5	1.0	2.30	12	1170	0.5	< 2	0.74	0.5	13	39	82	3.22	< 10	1	0.21	20	0.52	1480
8AS0031	201	202	< 5	0.2	2.13	2	1070	0.5	< 2	1.26	0.5	10	27	33	2.44	< 10	< 1	0.20	20	0.95	615
8AS0032	201	202	10	1.6	2.50	2	760	0.5	< 2	0.82	2.0	13	34	78	2.89	< 10	< 1	0.15	10	0.68	1035
8AS0033	201	202	< 5	0.2	1.66	2	480	0.5	< 2	1.99	0.5	9	21	38	2.08	< 10	< 1	0.13	10	0.74	860
8AS0034	201	202	< 5	< 0.2	1.88	< 2	440	< 0.5	< 2	0.95	< 0.5	10	35	37	2.42	< 10	< 1	0.08	10	0.98	485
8AS0035	201	202	< 5	< 0.2	1.57	< 2	390	< 0.5	< 2	0.68	< 0.5	11	28	39	2.38	< 10	< 1	0.07	10	0.82	520
8AS0036	201	202	< 5	0.2	1.54	< 2	370	< 0.5	< 2	0.74	< 0.5	8	27	44	1.98	< 10	< 1	0.05	10	0.58	245
8AS0037	201	202	< 5	0.2	1.75	2	600	< 0.5	< 2	0.50	< 0.5	15	32	36	2.80	< 10	< 1	0.06	10	0.74	975
8AS0038	201	202	< 5	0.2	1.54	< 2	430	< 0.5	< 2	0.89	0.5	10	26	42	2.34	< 10	< 1	0.08	10	0.69	520
8AS0039	201	202	15	0.2	1.71	2	520	< 0.5	< 2	0.90	0.5	11	29	43	2.44	< 10	< 1	0.11	10	0.75	545
8AS0040	201	202	< 5	0.2	1.43	< 2	300	< 0.5	< 2	0.72	< 0.5	7	26	33	2.05	< 10	< 1	0.11	10	0.61	390
8AS0041	201	202	< 5	0.6	1.58	8	460	0.5	< 2	0.81	0.5	7	27	54	2.95	< 10	2	0.23	10	0.54	760
8AS0042	201	202	< 5	0.2	1.58	2	380	< 0.5	< 2	0.99	0.5	11	27	39	2.46	< 10	< 1	0.11	10	0.66	920
8AS0043	201	202	< 5	0.2	1.67	2	450	< 0.5	< 2	0.98	0.5	11	28	45	2.49	< 10	< 1	0.12	10	0.76	455
8AS0044	201	202	< 5	0.2	1.91	4	470	< 0.5	< 2	0.96	0.5	12	35	41	2.78	< 10	< 1	0.15	10	0.87	710
8AS0045	201	202	< 5	< 0.2	1.66	2	260	< 0.5	< 2	0.50	< 0.5	11	32	21	2.50	< 10	< 1	0.08	10	0.68	300
8AS0046	201	202	< 5	0.2	2.37	2	420	< 0.5	< 2	1.13	0.5	17	50	34	2.81	< 10	< 1	0.10	10	0.99	935
8AS0047	201	202	< 5	0.2	1.75	4	330	< 0.5	< 2	0.73	0.5	10	35	42	2.35	< 10	< 1	0.10	10	0.79	245
8AS0048	201	202	< 5	0.2	1.12	< 2	210	< 0.5	< 2	0.74	< 0.5	9	19	17	2.29	< 10	< 1	0.11	10	0.49	305
8AS0049	201	202	< 5	< 0.2	1.80	2	380	< 0.5	< 2	0.74	< 0.5	12	26	23	2.13	< 10	< 1	0.06	10	0.59	190
8AS0050	201	202	< 5	0.2	1.88	2	340	< 0.5	< 2	1.17	< 0.5	19	46	46	3.60	< 10	< 1	0.12	10	1.18	635
8AS0051	201	202	< 5	< 0.2	2.16	2	340	< 0.5	< 2	1.16	< 0.5	23	69	52	4.15	< 10	< 1	0.12	10	1.61	620
8AS0052	201	202	< 5	0.2	2.13	6	350	< 0.5	< 2	0.95	< 0.5	14	92	25	3.28	< 10	< 1	0.06	10	1.43	305
8AS0053	201	202	< 5	0.2	2.25	4	460	0.5	< 2	1.02	< 0.5	27	45	62	6.38	< 10	< 1	0.30	30	1.19	775
8AS0054	201	202	< 5	0.2	1.77	4	320	< 0.5	< 2	0.65	< 0.5	11	82	22	2.79	< 10	< 1	0.08	10	1.13	310

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 15-SEP-97
Invoice No. :I9741645
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9741645

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
8AS0021	201 202	4	< 0.01	45	990	10	< 2	4	83	0.03	< 10	< 10	69	< 10	160
8AS0023	201 202	9	< 0.01	167	1120	8	2	5	107	0.01	< 10	< 10	220	< 10	1800
8AS0024	201 202	17	< 0.01	210	1340	8	2	4	164	0.02	< 10	< 10	353	< 10	2040
8AS0025	201 202	36	< 0.01	393	1580	8	4	4	206	0.01	< 10	< 10	521	< 10	3720
8AS0027	201 202	5	< 0.01	44	1830	20	< 2	3	113	0.01	< 10	< 10	96	< 10	116
8AS0028	201 202	6	< 0.01	27	1140	20	< 2	3	66	0.01	< 10	< 10	104	< 10	76
8AS0029	201 202	6	< 0.01	43	1440	20	< 2	4	102	0.01	< 10	< 10	93	< 10	118
8AS0030	201 202	5	< 0.01	42	1460	18	< 2	4	103	0.01	< 10	< 10	86	< 10	164
8AS0031	201 202	< 1	< 0.01	32	1090	8	< 2	4	80	0.01	< 10	< 10	36	< 10	132
8AS0032	201 202	4	< 0.01	56	1290	8	< 2	4	67	0.03	< 10	< 10	64	< 10	246
8AS0033	201 202	< 1	< 0.01	26	930	6	< 2	4	101	0.01	< 10	< 10	31	< 10	94
8AS0034	201 202	1	< 0.01	28	970	6	2	4	50	0.03	< 10	< 10	45	< 10	110
8AS0035	201 202	1	< 0.01	30	910	6	< 2	4	44	0.03	< 10	< 10	42	< 10	118
8AS0036	201 202	< 1	< 0.01	24	800	6	< 2	4	49	0.02	< 10	< 10	45	< 10	100
8AS0037	201 202	1	< 0.01	25	1090	4	2	4	39	0.03	< 10	< 10	54	< 10	106
8AS0038	201 202	1	< 0.01	32	970	8	< 2	4	57	0.03	< 10	< 10	43	< 10	136
8AS0039	201 202	1	< 0.01	34	1030	8	< 2	4	60	0.03	< 10	< 10	52	< 10	138
8AS0040	201 202	< 1	< 0.01	27	900	6	< 2	4	51	0.04	< 10	< 10	42	< 10	96
8AS0041	201 202	5	0.01	33	1870	8	< 2	4	300	0.01	< 10	< 10	66	< 10	128
8AS0042	201 202	1	< 0.01	32	960	8	< 2	4	72	0.05	< 10	< 10	47	< 10	138
8AS0043	201 202	1	< 0.01	33	1040	8	< 2	4	79	0.03	< 10	< 10	49	< 10	134
8AS0044	201 202	1	< 0.01	37	1100	8	< 2	5	80	0.05	< 10	< 10	64	< 10	132
8AS0045	201 202	< 1	< 0.01	25	830	4	< 2	4	38	0.07	< 10	< 10	55	< 10	86
8AS0046	201 202	1	< 0.01	39	1000	6	< 2	6	55	0.09	< 10	< 10	79	< 10	142
8AS0047	201 202	1	< 0.01	35	870	6	< 2	5	49	0.09	< 10	< 10	61	< 10	126
8AS0048	201 202	1	< 0.01	18	860	6	< 2	3	41	0.04	< 10	< 10	35	< 10	74
8AS0049	201 202	4	< 0.01	22	1080	8	< 2	4	47	0.04	< 10	< 10	46	< 10	88
8AS0050	201 202	< 1	< 0.01	55	1260	2	< 2	5	81	0.18	< 10	< 10	69	< 10	136
8AS0051	201 202	< 1	< 0.01	76	1120	2	< 2	5	78	0.30	< 10	< 10	89	< 10	116
8AS0052	201 202	1	< 0.01	50	810	6	< 2	7	40	0.13	< 10	< 10	99	< 10	92
8AS0053	201 202	< 1	0.01	67	1800	6	< 2	6	138	0.15	< 10	< 10	78	< 10	162
8AS0054	201 202	2	< 0.01	48	710	4	< 2	5	38	0.09	< 10	< 10	113	< 10	86

CERTIFICATION: Stewart Bowles

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9741652

Comments: ATTN: GEORGE NICHOLSON

CERTIFICATE A9741652

(PHY) - INTERNATIONAL KODIAK RESOURCES INC.

Project:
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 16-SEP-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	94	Dry, sieve to -80 mesh
202	94	save reject
229	94	ICP - AQ Digestion charge
* NOTE	1:	

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

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	90	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2118	94	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	94	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	94	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	94	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	94	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	94	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	94	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	94	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	94	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	94	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	94	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	94	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	94	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	94	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	94	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	94	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	94	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	94	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	94	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	94	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	94	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	94	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	94	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	94	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	94	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	94	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	94	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	94	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	94	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	94	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	94	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	94	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

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1210 - 675 W. HASTINGS ST.
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V6B 1N2

Project :
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Certificate Date: 16-SEP-97
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CERTIFICATE OF ANALYSIS A9741652

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
6CS0126	201	202	< 5	0.4	1.58	8	1070	< 0.5	< 2	1.38	2.5	12	28	37	2.73	< 10	< 1	0.19	10	0.50	500
6CS0127	201	202	< 5	0.6	1.43	2	910	< 0.5	< 2	1.80	2.5	13	27	40	2.19	< 10	< 1	0.16	10	0.55	770
6CS0128	201	202	< 5	0.8	1.57	2	1070	0.5	< 2	1.39	2.0	11	31	41	2.38	< 10	< 1	0.20	10	0.52	440
6CS0129	201	202	< 5	1.2	1.30	6	860	0.5	< 2	1.12	2.5	8	32	75	2.11	< 10	1	0.20	10	0.46	315
6CS0130	201	202	< 5	1.0	1.40	6	860	0.5	< 2	1.00	2.0	9	33	68	2.39	< 10	< 1	0.21	10	0.48	325
6CS0131	201	202	< 5	0.8	1.22	8	770	0.5	< 2	0.71	1.5	10	29	65	2.41	< 10	< 1	0.17	10	0.42	325
6CS0132	201	202	< 5	0.8	1.24	6	820	0.5	< 2	0.83	2.0	11	29	65	2.37	< 10	< 1	0.17	10	0.44	455
6CS0133	201	202	< 5	1.0	1.35	6	790	0.5	< 2	1.09	2.0	10	31	65	2.33	< 10	< 1	0.18	10	0.49	465
6CS0134	201	202	< 5	0.2	1.26	4	660	0.5	< 2	0.78	0.5	9	26	45	2.25	< 10	1	0.17	10	0.47	295
6CS0135	201	202	< 5	0.4	1.23	4	610	< 0.5	< 2	0.78	1.0	9	25	45	2.14	< 10	1	0.17	10	0.46	320
6CS0137	201	202	20	0.4	0.98	6	450	< 0.5	< 2	0.79	0.5	9	20	48	2.29	< 10	< 1	0.14	10	0.39	255
6CS0138	201	202	< 5	0.6	0.98	4	350	< 0.5	< 2	1.54	0.5	9	19	48	2.22	< 10	< 1	0.12	10	0.44	290
6CS0139	201	202	< 5	0.2	1.25	2	630	< 0.5	< 2	0.76	0.5	10	22	36	2.28	< 10	< 1	0.12	10	0.57	350
6CS0140	201	202	< 5	0.4	1.24	2	780	< 0.5	< 2	1.13	1.0	11	26	50	2.36	< 10	< 1	0.10	10	0.48	420
6CS0141	201	202	< 5	0.2	1.30	4	810	< 0.5	< 2	0.72	0.5	13	28	41	2.67	< 10	< 1	0.10	10	0.50	350
6CS0142	201	202	< 5	0.2	1.44	4	890	< 0.5	< 2	0.96	0.5	11	31	48	2.66	< 10	< 1	0.13	10	0.53	350
6CS0143	201	202	< 5	0.4	1.68	6	1040	0.5	< 2	1.07	0.5	12	36	58	2.93	< 10	< 1	0.20	10	0.56	405
6CS0144	201	202	< 5	0.2	1.68	4	1070	< 0.5	< 2	0.96	0.5	12	38	40	2.68	< 10	< 1	0.16	10	0.55	355
6CS0145	201	202	< 5	0.6	1.28	4	780	0.5	< 2	1.24	1.5	10	24	46	2.27	< 10	1	0.17	20	0.45	430
6CS0146	201	202	< 5	0.2	1.77	2	1130	< 0.5	< 2	0.98	0.5	12	40	41	2.76	< 10	< 1	0.17	10	0.57	340
6CS0147	201	202	< 5	0.6	1.06	6	720	< 0.5	< 2	1.10	0.5	9	20	44	2.13	< 10	< 1	0.14	10	0.37	305
6CS0148	201	202	< 5	0.2	1.81	4	1150	< 0.5	< 2	0.93	0.5	12	43	44	2.87	< 10	< 1	0.16	10	0.58	280
6CS0149	201	202	< 5	0.2	1.77	2	1030	< 0.5	< 2	0.90	0.5	10	35	35	2.15	< 10	< 1	0.19	10	0.53	445
6CS0150	201	202	< 5	0.6	1.52	4	940	< 0.5	< 2	1.36	1.0	13	29	58	2.38	< 10	< 1	0.17	10	0.48	720
6CS0151	201	202	not/ss	0.6	1.38	4	910	< 0.5	< 2	1.10	1.0	12	27	51	2.04	< 10	< 1	0.14	10	0.44	600
9CS0081	201	202	not/ss	1.8	0.56	14	660	0.5	< 2	1.46	10.0	8	19	91	2.27	< 10	< 1	0.14	< 10	0.30	580
9CS0082	201	202	not/ss	1.6	0.54	18	600	0.5	< 2	1.23	8.5	10	17	95	2.79	< 10	< 1	0.15	< 10	0.26	555
9CS0083	201	202	not/ss	3.8	0.64	18	720	0.5	< 2	1.65	13.0	6	43	147	2.27	< 10	< 1	0.15	< 10	0.30	310
10C0003	201	202	< 5	< 0.2	0.66	8	620	< 0.5	< 2	0.06	< 0.5	33	17	119	6.11	< 10	< 1	0.11	< 10	0.05	825
10CS0005	201	202	< 5	1.0	1.11	6	850	0.5	< 2	1.22	1.5	17	22	106	4.64	< 10	< 1	0.14	10	0.23	645
10CS0006	201	202	< 5	0.8	1.28	8	950	0.5	< 2	1.30	2.5	16	24	73	3.67	< 10	1	0.16	10	0.32	630
10CS0007	201	202	< 5	0.8	1.49	6	770	0.5	< 2	0.80	3.5	20	30	80	3.23	< 10	1	0.14	10	0.34	780
10CS0010	201	202	< 5	0.4	2.07	4	1320	< 0.5	< 2	1.10	1.5	21	48	55	4.24	< 10	< 1	0.12	10	0.70	850
10CS0012	201	202	< 5	0.6	2.64	2	1560	0.5	< 2	0.85	1.5	24	65	75	4.69	< 10	< 1	0.13	10	1.01	735
10CS0015	201	202	< 5	1.0	1.36	4	780	0.5	< 2	1.15	7.5	19	36	82	4.17	< 10	< 1	0.16	10	0.47	730
10CS0022	201	202	< 5	2.4	0.68	22	720	0.5	< 2	0.63	13.5	8	52	132	2.27	< 10	< 1	0.15	< 10	0.17	275
10CS0025	201	202	20	9.4	0.95	66	240	1.5	< 2	1.41	22.0	2	128	323	3.29	< 10	1	0.31	10	0.17	165
10CS0027	201	202	< 5	2.0	1.12	22	690	0.5	< 2	1.19	14.0	14	42	117	3.93	< 10	< 1	0.20	10	0.49	615
10CS0030	201	202	< 5	1.6	1.06	18	830	0.5	< 2	1.07	9.0	16	35	89	3.44	< 10	< 1	0.14	10	0.46	415
10CS0031	201	202	< 5	1.0	1.01	14	670	0.5	< 2	0.69	5.0	18	28	84	3.68	< 10	< 1	0.12	10	0.43	570

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 16-SEP-97
Invoice No. :I9741652
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9741652

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
6CS0126	201	202	5	< 0.01	45	1210	2	< 2	4	76	< 0.01	< 10	< 10	137	< 10	256
6CS0127	201	202	2	< 0.01	41	1280	2	< 2	5	89	0.01	< 10	< 10	92	< 10	198
6CS0128	201	202	3	< 0.01	41	1490	6	2	4	85	0.01	< 10	< 10	123	< 10	238
6CS0129	201	202	5	< 0.01	49	2190	8	2	4	107	0.01	< 10	< 10	139	< 10	254
6CS0130	201	202	5	< 0.01	49	1870	6	2	4	92	0.02	< 10	< 10	122	< 10	242
6CS0131	201	202	4	< 0.01	45	1860	8	< 2	4	85	0.01	< 10	< 10	115	< 10	222
6CS0132	201	202	4	< 0.01	46	1910	6	< 2	4	86	0.01	< 10	< 10	112	< 10	234
6CS0133	201	202	4	< 0.01	47	1710	6	< 2	4	86	0.01	< 10	< 10	118	< 10	224
6CS0134	201	202	3	< 0.01	37	1310	6	< 2	4	73	0.03	< 10	< 10	74	< 10	138
6CS0135	201	202	3	< 0.01	36	1260	6	< 2	4	70	0.02	< 10	< 10	74	< 10	138
6CS0137	201	202	3	< 0.01	45	1040	6	< 2	4	64	0.02	< 10	< 10	56	< 10	164
6CS0138	201	202	2	< 0.01	50	870	6	< 2	4	66	0.03	< 10	< 10	49	< 10	162
6CS0139	201	202	2	< 0.01	32	1180	6	< 2	4	56	0.01	< 10	< 10	53	< 10	134
6CS0140	201	202	2	< 0.01	41	1000	4	< 2	5	74	< 0.01	< 10	< 10	56	< 10	124
6CS0141	201	202	2	< 0.01	40	1030	6	< 2	4	60	< 0.01	< 10	< 10	59	< 10	142
6CS0142	201	202	2	< 0.01	43	1090	6	< 2	5	73	0.01	< 10	< 10	69	< 10	130
6CS0143	201	202	3	< 0.01	46	1370	6	< 2	6	83	0.01	< 10	< 10	84	< 10	160
6CS0144	201	202	2	< 0.01	41	1040	2	< 2	6	74	0.01	< 10	< 10	85	< 10	124
6CS0145	201	202	3	< 0.01	41	1250	4	< 2	4	72	0.01	< 10	< 10	67	< 10	178
6CS0146	201	202	1	< 0.01	43	1050	6	< 2	6	77	0.01	< 10	< 10	90	< 10	118
6CS0147	201	202	3	< 0.01	36	1120	4	< 2	4	73	< 0.01	< 10	< 10	51	< 10	150
6CS0148	201	202	1	< 0.01	43	990	2	< 2	7	92	< 0.01	< 10	< 10	93	< 10	116
6CS0149	201	202	1	< 0.01	31	970	2	< 2	5	88	0.01	< 10	< 10	82	< 10	108
6CS0150	201	202	3	< 0.01	39	1190	6	< 2	4	89	0.01	< 10	< 10	79	< 10	150
6CS0151	201	202	2	< 0.01	35	1070	2	< 2	4	79	0.01	< 10	< 10	67	< 10	134
9CS0081	201	202	10	< 0.01	96	1940	10	4	3	169	< 0.01	< 10	< 10	165	< 10	608
9CS0082	201	202	12	< 0.01	94	2160	12	4	3	181	< 0.01	< 10	< 10	179	< 10	592
9CS0083	201	202	14	< 0.01	140	3510	10	6	3	241	< 0.01	< 10	< 10	328	< 10	748
10C0003	201	202	2	< 0.01	84	1270	18	< 2	4	39	< 0.01	< 10	< 10	47	< 10	300
10CS0005	201	202	3	< 0.01	67	1620	46	2	10	101	< 0.01	< 10	< 10	59	< 10	426
10CS0006	201	202	3	< 0.01	57	1950	32	< 2	8	89	< 0.01	< 10	< 10	56	< 10	286
10CS0007	201	202	3	< 0.01	72	1610	30	< 2	9	60	< 0.01	< 10	< 10	66	< 10	356
10CS0010	201	202	2	< 0.01	55	1270	12	< 2	9	70	< 0.01	< 10	< 10	90	< 10	198
10CS0012	201	202	2	< 0.01	72	1530	8	< 2	11	63	< 0.01	< 10	< 10	128	< 10	254
10CS0015	201	202	12	< 0.01	95	1740	12	2	7	134	< 0.01	< 10	< 10	149	< 10	566
10CS0022	201	202	23	< 0.01	100	1980	6	8	4	150	< 0.01	< 10	< 10	558	< 10	624
10CS0025	201	202	50	< 0.01	135	6870	14	20	8	380	< 0.01	< 10	30	969	< 10	450
10CS0027	201	202	22	< 0.01	122	2510	12	6	6	180	< 0.01	< 10	< 10	361	< 10	966
10CS0030	201	202	11	< 0.01	100	1890	10	2	6	126	0.01	< 10	< 10	236	< 10	706
10CS0031	201	202	12	< 0.01	105	1400	8	2	7	99	0.01	< 10	< 10	140	< 10	820

CERTIFICATION:

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To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 16-SEP-97
Invoice No. :I9741652
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9741652

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
10CS0033	201	202	< 5	1.2	0.74	26	650	0.5	< 2	1.42	8.0	18	25	88	4.60	< 10	< 1	0.14	< 10	0.61	900
10CS0034	201	202	< 5	1.2	0.93	14	710	0.5	< 2	1.00	8.0	16	31	81	4.12	< 10	< 1	0.14	< 10	0.41	530
10CS0036	201	202	< 5	1.0	0.97	20	810	0.5	< 2	1.20	9.0	13	31	70	3.71	< 10	< 1	0.15	10	0.62	470
10CS0037	201	202	< 5	1.2	1.27	8	810	0.5	< 2	1.18	6.5	16	33	72	3.18	< 10	< 1	0.16	10	0.44	660
10CS0038	201	202	< 5	0.8	1.28	6	780	0.5	< 2	0.98	4.5	17	32	63	3.36	< 10	1	0.15	10	0.47	855
10CS0039	201	202	< 5	0.8	1.24	8	800	0.5	< 2	0.97	4.5	15	33	60	3.15	< 10	< 1	0.15	10	0.45	570
10CS0040	201	202	< 5	1.0	1.10	6	740	< 0.5	< 2	0.94	5.5	13	28	58	2.80	< 10	< 1	0.13	10	0.39	495
10CS0041	201	202	< 5	1.0	1.13	8	780	< 0.5	< 2	0.96	5.5	13	29	62	2.76	< 10	1	0.15	10	0.39	500
10CS0042	201	202	< 5	0.6	1.28	8	730	< 0.5	< 2	1.01	3.0	19	31	61	3.74	< 10	< 1	0.12	10	0.57	725
10CS0043	201	202	< 5	0.4	1.88	6	990	0.5	< 2	0.83	2.0	22	44	75	4.76	< 10	1	0.19	10	0.76	635
10CS0044	201	202	< 5	0.6	1.45	12	890	0.5	< 2	0.76	2.5	21	37	83	5.51	< 10	< 1	0.17	10	0.53	620
10CS0045	201	202	< 5	0.6	1.46	4	810	< 0.5	< 2	1.06	2.0	22	35	64	3.90	< 10	< 1	0.15	10	0.60	660
10CS0046	201	202	< 5	0.6	1.56	6	860	0.5	< 2	1.20	2.5	21	37	78	4.27	< 10	< 1	0.15	10	0.65	565
10CS0047	201	202	< 5	0.4	1.39	4	810	0.5	< 2	0.86	0.5	9	21	54	3.93	< 10	< 1	0.15	10	0.41	235
10CS0048	201	202	< 5	0.6	1.45	8	880	0.5	< 2	0.90	2.0	27	37	72	4.38	< 10	< 1	0.14	10	0.59	730
10CS0049	201	202	< 5	1.8	0.83	8	740	0.5	< 2	1.74	6.0	10	32	92	2.42	< 10	< 1	0.11	10	0.38	455
10CS0050	201	202	< 5	0.6	1.70	6	970	0.5	< 2	0.68	1.0	21	41	74	4.80	< 10	1	0.17	10	0.65	475
10CS0051	201	202	< 5	1.2	1.01	14	580	0.5	< 2	0.69	3.5	10	30	72	2.50	< 10	< 1	0.15	10	0.34	595
10CS0052	201	202	< 5	1.0	1.05	14	720	0.5	< 2	0.68	3.0	11	30	72	2.75	< 10	< 1	0.16	10	0.35	650
10CS0053	201	202	< 5	1.0	0.91	16	560	0.5	< 2	0.58	2.5	11	28	65	2.49	< 10	< 1	0.13	< 10	0.30	605
10CS0054	201	202	< 5	1.0	0.92	16	550	0.5	< 2	0.61	3.0	13	27	77	3.17	< 10	< 1	0.15	< 10	0.29	710
10CS0055	201	202	< 5	0.8	0.87	12	520	0.5	< 2	0.56	2.0	10	27	59	2.22	< 10	< 1	0.11	< 10	0.30	560
10CS0056	201	202	< 5	0.8	0.88	14	550	0.5	< 2	0.50	2.0	10	26	61	2.46	< 10	< 1	0.13	< 10	0.28	610
10CS0057	201	202	< 5	0.6	1.01	20	580	0.5	< 2	0.46	2.0	13	27	71	3.58	< 10	< 1	0.24	< 10	0.31	655
10CS0058	201	202	< 5	0.8	0.92	14	580	0.5	< 2	0.48	2.0	13	29	70	3.03	< 10	< 1	0.14	< 10	0.27	725
10CS0059	201	202	< 5	0.8	0.91	26	600	0.5	< 2	0.48	2.5	13	28	71	3.14	< 10	< 1	0.17	< 10	0.25	850
10CS0060	201	202	< 5	0.4	0.94	6	550	< 0.5	< 2	0.44	1.0	7	24	37	1.88	< 10	< 1	0.10	10	0.32	345
10CS0061	201	202	< 5	0.4	0.97	18	650	0.5	< 2	0.36	1.5	13	24	61	3.54	< 10	< 1	0.21	< 10	0.28	680
10CS0062	201	202	< 5	0.6	0.96	10	560	< 0.5	< 2	0.47	1.5	9	26	48	2.23	< 10	< 1	0.12	10	0.31	510
10CS0063	201	202	< 5	0.6	0.99	10	570	0.5	< 2	0.54	1.5	9	27	52	2.29	< 10	< 1	0.11	10	0.34	495
10CS0064	201	202	< 5	0.6	0.97	14	940	0.5	< 2	0.50	1.5	11	25	61	3.03	< 10	< 1	0.14	10	0.30	585
10CS0065	201	202	< 5	0.6	1.00	16	780	0.5	< 2	0.65	1.5	11	26	69	3.25	< 10	< 1	0.16	10	0.27	580
10CS0066	201	202	< 5	0.6	0.98	18	530	0.5	< 2	0.55	2.0	13	25	58	3.13	< 10	< 1	0.13	10	0.33	865
10CSS0001	201	202	< 5	0.8	0.95	38	590	0.5	< 2	0.04	0.5	17	19	117	4.67	< 10	< 1	0.14	< 10	0.05	845
10CSS0002	201	202	< 5	0.2	0.96	2	420	0.5	< 2	0.07	1.5	4	17	64	1.68	< 10	< 1	0.07	10	0.04	140
10CSS0004	201	202	30	1.0	2.31	8	1520	0.5	< 2	0.59	0.5	25	34	123	6.09	< 10	1	0.15	20	0.46	1205
10CSS0008	201	202	< 5	0.6	1.49	10	990	0.5	< 2	1.22	1.0	26	31	63	5.15	< 10	1	0.14	10	0.42	2240
10CSS0009	201	202	< 5	0.4	2.49	2	1290	0.5	< 2	1.39	< 0.5	14	65	58	3.98	< 10	1	0.14	10	0.91	190
10CSS0011	201	202	< 5	0.4	1.72	8	420	0.5	< 2	2.14	0.5	13	38	45	3.52	< 10	< 1	0.12	10	0.86	510
10CSS0013	201	202	< 5	1.0	1.38	12	1310	0.5	< 2	1.17	7.0	16	37	77	3.93	< 10	< 1	0.12	10	0.55	685

CERTIFICATION:

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CERTIFICATE OF ANALYSIS A9741652

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
10CS0033	201	202	20	< 0.01	108	2020	10	2	6	240	< 0.01	< 10	< 10	172	< 10	786
10CS0034	201	202	17	< 0.01	105	1690	10	2	6	122	< 0.01	< 10	< 10	176	< 10	704
10CS0036	201	202	16	< 0.01	93	1750	10	4	5	122	0.01	< 10	< 10	194	< 10	652
10CS0037	201	202	7	< 0.01	142	1570	24	2	5	106	0.01	< 10	< 10	179	< 10	1170
10CS0038	201	202	6	< 0.01	137	1480	14	2	5	85	0.01	< 10	< 10	146	< 10	766
10CS0039	201	202	6	< 0.01	128	1500	16	< 2	5	87	0.01	< 10	< 10	151	< 10	938
10CS0040	201	202	6	< 0.01	109	1500	20	2	4	93	0.01	< 10	< 10	146	< 10	978
10CS0041	201	202	6	< 0.01	113	1460	20	< 2	5	97	0.01	< 10	< 10	160	< 10	1020
10CS0042	201	202	4	< 0.01	108	1370	8	< 2	6	91	< 0.01	< 10	< 10	100	< 10	582
10CS0043	201	202	4	< 0.01	106	1460	8	< 2	7	85	< 0.01	< 10	< 10	106	< 10	440
10CS0044	201	202	5	< 0.01	87	1830	10	< 2	7	97	< 0.01	< 10	< 10	124	< 10	422
10CS0045	201	202	3	< 0.01	87	1360	6	< 2	6	93	< 0.01	< 10	< 10	98	< 10	454
10CS0046	201	202	3	< 0.01	90	1420	8	< 2	7	106	< 0.01	< 10	< 10	100	< 10	410
10CS0047	201	202	3	< 0.01	40	770	10	< 2	7	93	< 0.01	< 10	< 10	66	< 10	148
10CS0048	201	202	4	< 0.01	91	1460	10	2	7	90	< 0.01	< 10	< 10	108	< 10	368
10CS0049	201	202	8	< 0.01	94	1410	8	4	5	136	< 0.01	< 10	< 10	235	< 10	684
10CS0050	201	202	3	< 0.01	74	1410	8	< 2	7	83	< 0.01	< 10	< 10	96	< 10	272
10CS0051	201	202	10	< 0.01	55	1300	10	2	4	95	0.01	< 10	< 10	198	< 10	296
10CS0052	201	202	10	< 0.01	55	1310	10	2	4	95	0.01	< 10	< 10	192	< 10	290
10CS0053	201	202	10	< 0.01	51	1240	12	< 2	3	87	0.01	< 10	< 10	175	< 10	264
10CS0054	201	202	11	< 0.01	58	1660	12	2	3	99	0.01	< 10	< 10	168	< 10	304
10CS0055	201	202	8	< 0.01	43	1170	10	2	3	81	0.01	< 10	< 10	157	< 10	198
10CS0056	201	202	9	< 0.01	44	1290	10	< 2	3	80	0.01	< 10	< 10	156	< 10	246
10CS0057	201	202	11	< 0.01	64	1600	12	2	4	87	< 0.01	< 10	< 10	149	< 10	280
10CS0058	201	202	10	< 0.01	51	1430	12	2	3	83	0.01	< 10	< 10	160	< 10	284
10CS0059	201	202	12	< 0.01	51	1600	14	2	3	95	< 0.01	< 10	< 10	179	< 10	276
10CS0060	201	202	5	< 0.01	29	980	8	< 2	3	57	0.03	< 10	< 10	110	< 10	140
10CS0061	201	202	9	< 0.01	46	1370	10	< 2	3	77	< 0.01	< 10	< 10	130	< 10	244
10CS0062	201	202	6	< 0.01	36	1160	8	< 2	3	69	0.02	< 10	< 10	131	< 10	186
10CS0063	201	202	6	< 0.01	38	1270	8	< 2	3	74	0.02	< 10	< 10	131	< 10	190
10CS0064	201	202	8	< 0.01	43	1370	12	2	3	75	0.01	< 10	< 10	130	< 10	218
10CS0065	201	202	9	< 0.01	48	2290	14	< 2	4	105	0.01	< 10	< 10	157	< 10	250
10CS0066	201	202	9	< 0.01	44	1460	12	2	3	79	0.01	< 10	< 10	142	< 10	238
10CSS0001	201	202	3	< 0.01	48	1390	22	< 2	1	54	< 0.01	< 10	< 10	51	< 10	114
10CSS0002	201	202	< 1	< 0.01	22	1460	8	< 2	< 1	17	< 0.01	< 10	< 10	25	< 10	58
10CSS0004	201	202	1	< 0.01	60	1700	26	< 2	12	58	< 0.01	< 10	< 10	86	< 10	300
10CSS0008	201	202	3	< 0.01	62	1390	26	2	9	88	< 0.01	< 10	< 10	64	< 10	268
10CSS0009	201	202	< 1	< 0.01	55	1170	6	< 2	13	97	< 0.01	< 10	< 10	96	< 10	102
10CSS0011	201	202	5	< 0.01	63	1110	12	2	7	125	< 0.01	< 10	< 10	207	< 10	236
10CSS0013	201	202	14	< 0.01	77	1970	12	2	7	97	< 0.01	< 10	< 10	241	< 10	546

CERTIFICATION: Stewart Buchholz

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 16-SEP-97
Invoice No. :I9741652
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9741652

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
10CSS0014	201	202	< 5	0.8	1.39	8	1210	0.5	< 2	1.14	12.5	18	36	82	4.13	< 10	< 1	0.11	10	0.55	935
10CSS0016	201	202	< 5	1.4	1.14	10	830	0.5	< 2	1.25	18.0	17	31	103	4.48	< 10	< 1	0.14	10	0.45	770
10CSS0017	201	202	< 5	1.2	0.50	4	630	0.5	< 2	2.46	2.5	14	10	99	3.95	< 10	< 1	0.13	< 10	0.32	335
10CSS0018	201	202	< 5	11.2	1.13	62	250	1.5	< 2	1.53	13.0	8	92	273	4.83	< 10	1	0.36	10	0.23	290
10CSS0019	201	202	< 5	2.2	1.18	20	880	0.5	< 2	0.90	9.5	14	44	107	4.05	< 10	< 1	0.19	10	0.36	500
10CSS0020	201	202	< 5	2.8	0.80	40	930	0.5	< 2	0.37	8.0	9	48	90	4.50	< 10	< 1	0.13	10	0.16	250
10CSS0021	201	202	< 5	2.2	1.03	20	800	0.5	< 2	0.73	18.0	15	46	115	4.03	< 10	< 1	0.21	10	0.26	765
10CSS0023	201	202	< 5	3.0	0.96	44	610	0.5	< 2	1.25	15.0	12	55	149	4.10	< 10	< 1	0.21	10	0.34	510
10CSS0024	201	202	< 5	4.0	0.94	22	710	0.5	< 2	1.25	15.5	9	52	142	2.82	< 10	< 1	0.15	< 10	0.32	485
10CSS0026	201	202	< 5	6.2	1.29	42	640	1.5	< 2	2.28	51.0	4	161	227	1.89	< 10	< 1	0.29	10	0.23	135
10CSS0028	201	202	< 5	2.6	0.76	20	470	0.5	< 2	1.74	15.0	9	33	109	3.26	< 10	< 1	0.13	< 10	0.39	425
10CSS0029	201	202	< 5	0.2	0.99	6	400	< 0.5	< 2	0.65	2.0	10	22	37	2.50	< 10	1	0.07	10	0.53	320
10CSS0032	201	202	< 5	2.0	1.09	18	710	0.5	< 2	1.02	14.5	13	41	115	3.90	< 10	< 1	0.17	10	0.34	440
10CSS0035	201	202	< 5	2.0	1.03	20	710	0.5	< 2	1.09	14.0	12	41	119	3.82	< 10	< 1	0.16	10	0.39	460

CERTIFICATION: _____

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SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
10CSS0014	201	202	12	< 0.01	100	1730	8	2	7	103	< 0.01	< 10	< 10	186	< 10	782
10CSS0016	201	202	18	< 0.01	130	2030	10	2	7	125	< 0.01	< 10	< 10	199	< 10	826
10CSS0017	201	202	5	< 0.01	97	1120	8	< 2	5	192	< 0.01	< 10	< 10	56	< 10	516
10CSS0018	201	202	59	0.01	155	6100	14	16	9	381	< 0.01	< 10	10	809	< 10	628
10CSS0019	201	202	19	< 0.01	109	2290	10	8	6	155	< 0.01	< 10	< 10	299	< 10	702
10CSS0020	201	202	22	< 0.01	71	4020	16	10	3	134	0.01	< 10	< 10	522	< 10	458
10CSS0021	201	202	34	< 0.01	134	1950	8	8	4	149	0.01	< 10	< 10	458	< 10	754
10CSS0023	201	202	34	< 0.01	125	3750	8	10	6	224	< 0.01	< 10	< 10	510	< 10	920
10CSS0024	201	202	17	< 0.01	113	3480	8	8	4	216	< 0.01	< 10	< 10	436	< 10	668
10CSS0026	201	202	26	< 0.01	75	>10000	8	12	7	492	< 0.01	< 10	10	829	< 10	288
10CSS0028	201	202	20	< 0.01	107	2320	8	6	4	179	< 0.01	< 10	< 10	332	< 10	872
10CSS0029	201	202	1	< 0.01	40	880	6	< 2	4	43	0.04	< 10	< 10	59	< 10	224
10CSS0032	201	202	15	< 0.01	112	2010	6	4	6	139	< 0.01	< 10	< 10	364	< 10	892
10CSS0035	201	202	19	< 0.01	113	2260	8	4	6	157	0.01	< 10	< 10	344	< 10	908

CERTIFICATION:

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To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
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A9741655

Comments: ATTN: GEORGE NICHOLSON

CERTIFICATE A9741655

(PHY) - INTERNATIONAL KODIAK RESOURCES INC.

Project:
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 15-SEP-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	91	Dry, sieve to -80 mesh
202	91	save reject
229	91	ICP - AQ Digestion charge
* NOTE	1:	

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

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	90	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2118	91	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	91	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	91	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	91	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	91	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	91	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	91	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	91	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	91	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	91	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	91	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	91	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	91	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	91	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	91	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	91	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	91	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	91	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	91	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	91	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	91	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	91	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	91	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	91	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	91	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	91	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	91	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	91	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	91	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	91	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	91	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	91	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

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To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 15-SEP-97
Invoice No. :I9741655
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9741655

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
1BS0130	201	202	< 5	0.2	1.28	4	250	< 0.5	< 2	0.20	< 0.5	4	23	33	1.86	< 10	< 1	0.06	10	0.36	125
1BS0131	201	202	< 5	0.2	1.23	2	360	< 0.5	< 2	0.64	< 0.5	5	22	29	1.85	< 10	< 1	0.06	10	0.44	205
IBS0132	201	202	< 5	0.2	1.33	4	250	< 0.5	< 2	0.79	0.5	7	22	43	2.05	< 10	< 1	0.08	10	0.58	265
1BS0133	201	202	< 5	0.2	1.43	2	270	< 0.5	< 2	0.82	0.5	7	23	38	2.04	< 10	< 1	0.09	10	0.53	240
1BS0134	201	202	< 5	0.4	2.15	< 2	320	0.5	< 2	1.27	1.5	12	51	52	3.30	< 10	< 1	0.12	20	1.29	390
1BS0135	201	202	< 5	0.4	2.07	2	300	0.5	< 2	1.32	2.5	12	51	49	2.85	< 10	< 1	0.14	20	1.22	295
1BS0136	201	202	< 5	0.2	2.02	2	300	< 0.5	< 2	1.08	1.0	12	48	42	2.66	< 10	< 1	0.15	20	1.13	240
1BS0137	201	202	< 5	0.4	1.89	2	320	< 0.5	< 2	1.07	3.5	27	64	52	3.45	< 10	< 1	0.15	20	1.02	770
1BS0138	201	202	< 5	0.2	1.84	< 2	300	< 0.5	< 2	1.31	1.0	13	58	35	2.65	< 10	< 1	0.18	20	0.98	425
1BS0139	201	202	< 5	< 0.2	1.67	< 2	260	< 0.5	< 2	0.99	< 0.5	12	52	22	2.64	< 10	< 1	0.15	20	0.94	475
1BS0140	201	202	< 5	0.2	1.82	2	280	0.5	< 2	1.05	< 0.5	14	57	31	2.79	< 10	< 1	0.14	20	1.03	375
1BS0141	201	202	< 5	0.2	1.85	2	260	0.5	< 2	1.16	0.5	17	59	33	3.75	< 10	< 1	0.12	30	1.22	695
1BS0142	201	202	< 5	< 0.2	1.81	2	270	0.5	< 2	1.16	0.5	14	53	32	3.13	< 10	1	0.14	20	1.06	375
1BS0143	201	202	< 5	< 0.2	1.84	< 2	270	0.5	< 2	1.14	0.5	16	58	33	3.31	< 10	< 1	0.14	20	1.16	485
1BS0144	201	202	< 5	< 0.2	1.64	< 2	210	< 0.5	< 2	1.34	0.5	15	52	34	3.11	< 10	< 1	0.09	20	1.07	555
1BS0145	201	202	< 5	< 0.2	1.56	< 2	210	< 0.5	< 2	1.24	0.5	14	47	30	2.83	< 10	< 1	0.09	20	0.96	480
1BS0146	201	202	< 5	0.2	1.48	< 2	190	< 0.5	< 2	1.52	0.5	14	48	38	2.89	< 10	< 1	0.07	20	0.96	505
1BS0148	201	202	< 5	< 0.2	1.43	2	210	< 0.5	< 2	1.15	< 0.5	14	43	25	3.11	< 10	< 1	0.11	20	0.92	415
1BS0149	201	202	< 5	< 0.2	1.60	2	240	< 0.5	< 2	1.23	0.5	16	47	24	3.27	< 10	< 1	0.12	20	0.96	455
1BS0150	201	202	< 5	< 0.2	1.61	2	240	< 0.5	< 2	1.80	< 0.5	13	44	27	2.70	< 10	< 1	0.12	10	0.88	445
1BS0152	201	202	< 5	0.2	1.90	< 2	230	< 0.5	< 2	0.72	0.5	9	44	26	2.75	< 10	< 1	0.08	10	0.73	355
1BS0153	201	202	< 5	< 0.2	1.88	< 2	220	< 0.5	< 2	0.68	< 0.5	9	41	26	2.74	< 10	< 1	0.08	10	0.65	370
1BS0154	201	202	< 5	0.2	1.94	< 2	210	< 0.5	< 2	0.57	< 0.5	9	44	25	2.88	< 10	< 1	0.06	10	0.69	315
1BS0156	201	202	< 5	< 0.2	2.32	< 2	380	0.5	< 2	0.78	1.5	27	59	59	6.30	< 10	< 1	0.09	20	1.31	1215
1BS0157A	201	202	< 5	< 0.2	2.25	< 2	250	< 0.5	< 2	1.44	< 0.5	33	69	47	5.85	< 10	< 1	0.09	10	1.65	625
1BS0157B	201	202	< 5	< 0.2	1.74	< 2	290	0.5	< 2	0.94	1.5	15	44	35	3.82	< 10	< 1	0.08	10	0.85	840
1BS0158	201	202	< 5	< 0.2	1.90	< 2	310	0.5	< 2	0.78	1.0	18	47	39	4.29	< 10	< 1	0.07	10	0.95	905
1BS0159	201	202	< 5	0.2	1.64	< 2	380	0.5	< 2	0.85	4.0	28	29	53	4.23	< 10	< 1	0.06	10	0.60	2090
1BSS0151	201	202	< 5	< 0.2	1.76	< 2	150	< 0.5	< 2	0.17	< 0.5	8	29	16	2.71	< 10	< 1	0.05	10	0.48	495
1BSS0161	201	202	< 5	0.4	1.65	2	160	< 0.5	< 2	0.16	< 0.5	8	28	27	3.45	< 10	< 1	0.09	10	0.45	280
1BSS0162	201	202	< 5	1.6	0.78	12	310	0.5	< 2	0.03	< 0.5	8	15	42	3.64	< 10	< 1	0.15	10	0.07	100
3BS0049	201	202	< 5	2.2	0.56	50	630	0.5	< 2	0.79	18.0	11	38	190	3.02	< 10	1	0.12	30	0.27	700
3BS0051	201	202	< 5	2.6	0.61	30	450	0.5	< 2	1.32	13.5	9	37	163	2.40	< 10	1	0.12	30	0.58	565
3BS0052	201	202	< 5	2.2	0.61	38	490	0.5	< 2	1.22	10.5	9	34	173	2.79	< 10	1	0.12	30	0.50	825
3BS0053	201	202	< 5	2.2	0.79	24	560	0.5	< 2	1.14	9.0	8	35	142	2.78	< 10	1	0.11	20	0.50	635
3BS0054	201	202	< 5	2.8	0.75	8	570	0.5	< 2	1.47	9.0	7	39	126	1.80	< 10	1	0.13	30	0.71	320
3BS0055	201	202	< 5	2.4	0.81	20	550	0.5	< 2	1.24	11.0	8	40	133	2.39	< 10	2	0.13	20	0.58	560
3BS0056	201	202	< 5	1.6	0.86	18	720	0.5	< 2	0.61	8.0	13	29	124	3.28	< 10	< 1	0.16	10	0.28	1415
3BS0057	201	202	< 5	2.0	0.80	16	650	0.5	< 2	0.92	7.0	8	37	118	2.38	< 10	< 1	0.14	20	0.31	840
3BS0058	201	202	not/ss	1.6	0.85	16	770	0.5	< 2	0.65	5.5	10	28	106	3.04	< 10	< 1	0.15	10	0.29	980

CERTIFICATION: Ian Buchler

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SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
1BS0130	201	202	1	< 0.01	19	850	6	< 2	< 1	28	0.01	< 10	< 10	40	< 10	62
1BS0131	201	202	1	< 0.01	21	720	6	< 2	1	57	0.01	< 10	< 10	40	< 10	64
IBS0132	201	202	1	< 0.01	25	980	6	< 2	3	67	0.01	< 10	< 10	38	< 10	86
1BS0133	201	202	1	< 0.01	28	880	6	< 2	3	70	0.02	< 10	< 10	41	< 10	94
1BS0134	201	202	< 1	< 0.01	44	1010	4	< 2	7	88	0.09	< 10	< 10	86	< 10	120
1BS0135	201	202	1	< 0.01	54	980	4	< 2	7	89	0.08	< 10	< 10	75	< 10	208
1BS0136	201	202	< 1	< 0.01	45	930	4	< 2	6	78	0.09	< 10	< 10	76	< 10	130
1BS0137	201	202	3	< 0.01	99	1060	6	< 2	7	81	0.07	< 10	< 10	85	< 10	270
1BS0138	201	202	1	< 0.01	48	980	4	< 2	5	79	0.04	< 10	< 10	63	< 10	138
1BS0139	201	202	1	< 0.01	37	980	4	< 2	4	59	0.04	< 10	< 10	57	< 10	108
1BS0140	201	202	< 1	< 0.01	44	1030	4	< 2	5	60	0.04	< 10	< 10	66	< 10	118
1BS0141	201	202	1	< 0.01	52	1270	4	< 2	5	67	0.06	< 10	< 10	73	< 10	156
1BS0142	201	202	1	< 0.01	42	1180	4	< 2	5	61	0.05	< 10	< 10	66	< 10	116
1BS0143	201	202	1	< 0.01	49	1170	2	< 2	5	62	0.06	< 10	< 10	73	< 10	138
1BS0144	201	202	1	< 0.01	46	1070	4	< 2	5	67	0.06	< 10	< 10	64	< 10	124
1BS0145	201	202	1	< 0.01	41	1070	4	< 2	5	57	0.05	< 10	< 10	57	< 10	114
1BS0146	201	202	1	< 0.01	44	1050	2	< 2	5	72	0.03	< 10	< 10	51	< 10	120
1BS0148	201	202	2	< 0.01	40	1110	4	< 2	4	48	0.05	< 10	< 10	65	< 10	150
1BS0149	201	202	1	< 0.01	44	1210	4	< 2	5	49	0.05	< 10	< 10	74	< 10	156
1BS0150	201	202	1	< 0.01	40	1190	2	< 2	5	56	0.05	< 10	< 10	69	< 10	128
1BS0152	201	202	< 1	< 0.01	30	940	6	< 2	4	39	0.06	< 10	< 10	54	< 10	106
1BS0153	201	202	< 1	< 0.01	28	880	4	< 2	4	37	0.05	< 10	< 10	52	< 10	104
1BS0154	201	202	< 1	< 0.01	29	710	4	< 2	4	34	0.06	< 10	< 10	56	< 10	98
1BS0156	201	202	2	< 0.01	63	1240	10	< 2	7	41	0.10	< 10	< 10	103	< 10	214
1BS0157A	201	202	< 1	< 0.01	70	1330	2	< 2	7	47	0.05	< 10	< 10	117	< 10	128
1BS0157B	201	202	1	< 0.01	41	930	8	< 2	5	40	0.07	< 10	< 10	65	< 10	156
1BS0158	201	202	< 1	< 0.01	44	950	10	< 2	5	36	0.08	< 10	< 10	71	< 10	156
1BS0159	201	202	5	< 0.01	88	1880	6	< 2	4	46	0.03	< 10	< 10	71	< 10	190
1BSS0151	201	202	< 1	< 0.01	19	640	4	< 2	1	15	0.03	< 10	< 10	43	< 10	90
1BSS0161	201	202	5	< 0.01	26	1520	12	< 2	2	29	0.01	< 10	< 10	64	< 10	90
1BSS0162	201	202	11	< 0.01	41	1830	22	4	2	56	< 0.01	< 10	< 10	49	< 10	124
3BS0049	201	202	56	< 0.01	161	1170	16	28	5	107	< 0.01	< 10	< 10	516	< 10	1325
3BS0051	201	202	35	< 0.01	113	1170	14	20	4	129	< 0.01	< 10	< 10	407	< 10	990
3BS0052	201	202	42	< 0.01	118	1230	16	20	4	128	< 0.01	< 10	< 10	405	< 10	968
3BS0053	201	202	29	< 0.01	99	1250	16	14	4	131	< 0.01	< 10	< 10	324	< 10	890
3BS0054	201	202	14	< 0.01	72	1210	14	8	3	134	< 0.01	< 10	< 10	316	< 10	644
3BS0055	201	202	23	< 0.01	94	1180	14	10	4	125	0.01	< 10	< 10	352	< 10	886
3BS0056	201	202	15	< 0.01	96	1370	14	8	4	121	< 0.01	< 10	< 10	170	< 10	542
3BS0057	201	202	19	< 0.01	86	1480	14	8	3	121	< 0.01	< 10	< 10	269	< 10	556
3BS0058	201	202	17	< 0.01	77	1400	14	8	3	110	< 0.01	< 10	< 10	183	< 10	512

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 15-SEP-97
Invoice No. :I9741655
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9741655

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
3BS0059	201	202	< 5	0.6	1.44	10	500	0.5	< 2	0.59	2.0	16	24	51	2.49	< 10	< 1	0.15	10	0.65	1795
3BS0060	201	202	< 5	0.6	1.50	16	560	0.5	< 2	0.60	3.0	17	30	62	3.26	< 10	< 1	0.17	20	0.71	1985
3BS0061	201	202	< 5	0.8	1.35	8	430	0.5	< 2	0.78	3.0	13	38	57	2.57	< 10	< 1	0.13	10	0.62	1515
3BS0062	201	202	< 5	0.4	1.49	10	400	0.5	< 2	0.63	1.5	11	47	44	2.44	< 10	< 1	0.15	20	0.83	500
3BS0063	201	202	< 5	0.2	1.57	6	380	0.5	< 2	0.75	1.5	12	45	44	2.60	< 10	< 1	0.15	20	0.86	650
3BS0064	201	202	< 5	0.4	1.58	10	390	0.5	< 2	0.72	2.0	12	47	45	2.65	< 10	< 1	0.15	20	0.86	595
3BS0065	201	202	< 5	0.6	1.60	6	410	0.5	< 2	0.78	2.0	12	47	47	2.59	< 10	< 1	0.18	20	0.84	625
3BS0067	201	202	< 5	0.2	1.53	8	390	0.5	< 2	0.73	2.0	13	43	43	2.78	< 10	< 1	0.15	20	0.83	640
3BS0068	201	202	< 5	0.4	1.45	8	370	0.5	< 2	0.74	2.0	12	41	41	2.60	< 10	< 1	0.15	20	0.78	635
3BS0069	201	202	< 5	0.2	1.58	8	420	0.5	< 2	0.71	2.0	12	45	40	2.56	< 10	< 1	0.18	20	0.84	545
3BS0070	201	202	< 5	0.6	1.44	10	400	0.5	< 2	0.74	2.0	12	41	47	2.60	< 10	< 1	0.15	20	0.74	625
3BS0071	201	202	< 5	0.6	1.42	8	400	0.5	< 2	0.86	2.5	12	40	49	2.43	< 10	< 1	0.14	20	0.71	610
3BS0073	201	202	< 5	0.4	1.52	8	370	0.5	< 2	0.85	2.0	12	43	48	2.49	< 10	< 1	0.15	10	0.79	605
3BS0074	201	202	< 5	0.6	1.40	10	430	0.5	< 2	0.89	3.0	14	40	55	2.88	< 10	< 1	0.15	20	0.76	925
3BS0075	201	202	< 5	0.6	1.37	8	420	0.5	< 2	0.86	2.5	12	37	46	2.46	< 10	< 1	0.14	10	0.71	685
3BS0076	201	202	< 5	0.4	1.47	10	460	0.5	< 2	0.87	2.5	14	40	52	2.80	< 10	< 1	0.16	10	0.76	1155
3BS0081	201	202	< 5	< 0.2	1.40	4	390	0.5	< 2	0.86	< 0.5	16	28	35	3.76	< 10	< 1	0.14	20	0.72	435
3BS0082	201	202	< 5	< 0.2	1.30	< 2	360	0.5	< 2	0.98	0.5	13	24	34	2.99	< 10	< 1	0.14	20	0.62	475
3BS0083	201	202	< 5	< 0.2	1.77	2	410	0.5	< 2	1.26	0.5	17	31	37	3.89	< 10	< 1	0.17	20	0.86	505
3BS0088	201	202	< 5	0.2	1.87	6	390	0.5	< 2	1.09	2.0	16	42	53	3.46	< 10	< 1	0.21	10	0.96	1145
3BS0089	201	202	< 5	0.2	1.69	4	350	0.5	< 2	0.96	1.5	15	37	48	3.03	< 10	< 1	0.16	10	0.83	1130
3BS0090	201	202	< 5	0.2	1.56	4	330	0.5	< 2	0.90	1.5	15	35	47	3.01	< 10	< 1	0.14	10	0.79	1160
3BS0091	201	202	< 5	0.2	1.77	8	390	0.5	< 2	0.87	1.5	16	38	49	3.36	< 10	< 1	0.20	10	0.81	1305
3BS0092	201	202	< 5	0.2	1.71	6	360	0.5	< 2	0.99	2.0	14	36	49	2.97	< 10	< 1	0.18	10	0.77	1160
3BSS0079	201	202	< 5	< 0.2	2.24	4	450	0.5	< 2	0.13	< 0.5	6	18	11	3.61	< 10	< 1	0.25	30	0.36	145
6BS0154	201	202	< 5	0.6	2.13	2	280	0.5	< 2	1.16	0.5	10	40	53	2.75	< 10	< 1	0.15	10	0.96	410
6BS0155	201	202	< 5	< 0.2	2.50	2	220	0.5	< 2	1.38	< 0.5	23	61	51	4.25	< 10	< 1	0.04	< 10	2.39	590
6BS0157	201	202	< 5	< 0.2	2.07	4	200	0.5	< 2	1.43	0.5	13	44	51	2.89	< 10	< 1	0.05	10	1.19	540
6BS0158	201	202	< 5	0.2	2.13	2	230	0.5	< 2	1.24	< 0.5	15	50	41	3.39	< 10	< 1	0.05	10	1.63	450
6BS0159	201	202	< 5	< 0.2	2.10	4	230	0.5	< 2	1.24	< 0.5	14	48	43	3.17	< 10	< 1	0.06	10	1.40	445
6BS0160	201	202	< 5	< 0.2	2.32	6	230	0.5	< 2	1.31	< 0.5	16	52	39	3.70	< 10	< 1	0.05	10	1.77	410
6BS0161	201	202	< 5	< 0.2	1.97	4	200	0.5	< 2	1.25	< 0.5	13	40	32	3.12	< 10	< 1	0.06	10	1.43	435
6BS0162	201	202	< 5	< 0.2	2.04	2	210	0.5	< 2	1.19	< 0.5	15	56	44	3.18	< 10	< 1	0.07	10	1.59	435
6BS0163	201	202	< 5	< 0.2	1.82	2	190	< 0.5	< 2	1.11	< 0.5	12	40	29	2.74	< 10	< 1	0.07	10	1.32	330
6BS0164	201	202	< 5	0.2	1.95	4	210	0.5	< 2	1.23	< 0.5	13	42	33	3.06	< 10	< 1	0.07	10	1.49	400
6BS0165	201	202	< 5	< 0.2	1.94	2	210	0.5	< 2	1.15	< 0.5	14	42	30	3.06	< 10	< 1	0.06	10	1.49	390
6BS0166	201	202	< 5	< 0.2	1.65	< 2	170	< 0.5	< 2	1.27	< 0.5	10	32	33	2.47	< 10	< 1	0.06	10	1.09	280
6BS0167	201	202	< 5	< 0.2	1.82	2	190	< 0.5	< 2	1.03	< 0.5	13	38	25	2.86	< 10	< 1	0.06	10	1.36	325
6BS0168	201	202	< 5	< 0.2	1.77	< 2	190	< 0.5	< 2	1.16	< 0.5	11	36	29	2.73	< 10	< 1	0.06	10	1.26	320
6BS0169	201	202	< 5	< 0.2	1.69	2	190	< 0.5	< 2	0.96	< 0.5	11	33	26	2.68	< 10	< 1	0.06	10	1.18	300

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 15-SEP-97
Invoice No. :I9741655
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9741655

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
3BS0059	201	202	6	< 0.01	49	1170	8	< 2	4	72	0.01	< 10	< 10	89	< 10	242
3BS0060	201	202	8	< 0.01	60	1220	12	2	4	83	0.01	< 10	< 10	106	< 10	316
3BS0061	201	202	7	< 0.01	60	1130	10	< 2	4	83	0.02	< 10	< 10	107	< 10	308
3BS0062	201	202	4	< 0.01	45	980	8	< 2	5	64	0.03	< 10	< 10	95	< 10	208
3BS0063	201	202	4	< 0.01	46	1060	8	< 2	5	70	0.03	< 10	< 10	87	< 10	210
3BS0064	201	202	5	< 0.01	49	1100	8	< 2	5	69	0.03	< 10	< 10	95	< 10	232
3BS0065	201	202	5	< 0.01	48	1110	8	< 2	5	73	0.04	< 10	< 10	109	< 10	234
3BS0067	201	202	5	< 0.01	47	1120	8	< 2	5	68	0.03	< 10	< 10	92	< 10	226
3BS0068	201	202	4	< 0.01	45	1090	6	< 2	5	68	0.03	< 10	< 10	89	< 10	218
3BS0069	201	202	4	< 0.01	46	1060	8	< 2	5	68	0.04	< 10	< 10	101	< 10	226
3BS0070	201	202	5	< 0.01	47	1100	8	< 2	5	73	0.04	< 10	< 10	112	< 10	248
3BS0071	201	202	5	< 0.01	48	1110	8	< 2	5	79	0.03	< 10	< 10	116	< 10	276
3BS0073	201	202	4	< 0.01	46	1090	8	< 2	5	75	0.04	< 10	< 10	101	< 10	238
3BS0074	201	202	6	< 0.01	54	1240	8	< 2	5	86	0.03	< 10	< 10	108	< 10	296
3BS0075	201	202	4	< 0.01	47	1140	8	< 2	5	79	0.03	< 10	< 10	106	< 10	256
3BS0076	201	202	5	< 0.01	53	1210	8	< 2	5	82	0.04	< 10	< 10	112	< 10	274
3BS0081	201	202	1	< 0.01	37	1930	8	< 2	5	52	0.02	< 10	< 10	60	< 10	116
3BS0082	201	202	1	< 0.01	30	1660	6	< 2	5	52	0.03	< 10	< 10	50	< 10	104
3BS0083	201	202	1	< 0.01	34	2000	6	< 2	7	64	0.07	< 10	< 10	70	< 10	126
3BS0088	201	202	3	< 0.01	66	1780	8	< 2	6	89	0.05	< 10	< 10	81	< 10	260
3BS0089	201	202	3	< 0.01	58	1610	8	< 2	6	79	0.04	< 10	< 10	66	< 10	222
3BS0090	201	202	3	< 0.01	56	1580	10	< 2	5	78	0.03	< 10	< 10	62	< 10	210
3BS0091	201	202	3	< 0.01	61	1730	12	< 2	6	86	0.03	< 10	< 10	75	< 10	232
3BS0092	201	202	3	< 0.01	56	1660	10	< 2	5	83	0.03	< 10	< 10	68	< 10	208
3BSS0079	201	202	2	< 0.01	10	1310	6	< 2	3	53	0.02	< 10	< 10	41	< 10	48
6BS0154	201	202	1	< 0.01	29	1320	4	< 2	6	42	0.09	< 10	< 10	72	< 10	110
6BS0155	201	202	1	< 0.01	79	770	< 2	< 2	6	33	0.53	< 10	< 10	133	< 10	90
6BS0157	201	202	1	< 0.01	37	810	2	< 2	6	56	0.13	< 10	< 10	71	< 10	76
6BS0158	201	202	1	< 0.01	45	830	6	< 2	8	42	0.25	< 10	< 10	88	< 10	90
6BS0159	201	202	1	< 0.01	44	910	4	< 2	7	44	0.19	< 10	< 10	78	< 10	92
6BS0160	201	202	1	< 0.01	50	820	2	< 2	8	41	0.39	< 10	< 10	106	< 10	94
6BS0161	201	202	< 1	< 0.01	36	740	6	< 2	7	53	0.20	< 10	< 10	69	< 10	74
6BS0162	201	202	< 1	< 0.01	43	840	6	< 2	8	51	0.20	< 10	< 10	73	< 10	78
6BS0163	201	202	< 1	< 0.01	33	770	2	< 2	6	46	0.17	< 10	< 10	59	< 10	68
6BS0164	201	202	1	< 0.01	38	750	6	< 2	7	49	0.19	< 10	< 10	66	< 10	72
6BS0165	201	202	< 1	< 0.01	38	730	6	< 2	6	46	0.20	< 10	< 10	66	< 10	72
6BS0166	201	202	< 1	< 0.01	28	800	6	< 2	5	52	0.07	< 10	< 10	42	< 10	66
6BS0167	201	202	< 1	< 0.01	33	700	4	< 2	6	39	0.26	< 10	< 10	71	< 10	68
6BS0168	201	202	< 1	< 0.01	31	760	4	< 2	6	47	0.15	< 10	< 10	55	< 10	70
6BS0169	201	202	< 1	< 0.01	29	730	6	< 2	6	42	0.18	< 10	< 10	59	< 10	66

CERTIFICATION: Jan Buchan

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 15-SEP-97
Invoice No. :19741655
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9741655

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
6BS0170	201	202	< 5	< 0.2	1.61	< 2	170	< 0.5	< 2	1.00	< 0.5	10	32	27	2.48	< 10	< 1	0.06	10	1.08	275
6BS0171	201	202	< 5	< 0.2	2.00	2	260	0.5	< 2	1.51	0.5	23	110	79	4.49	< 10	< 1	0.08	10	2.07	540
6BS0172	201	202	< 5	< 0.2	2.06	6	250	0.5	< 2	1.44	0.5	25	120	79	4.74	< 10	< 1	0.08	10	2.32	580
6BS0173	201	202	< 5	< 0.2	2.06	4	260	0.5	< 2	1.47	0.5	24	118	78	4.70	< 10	< 1	0.08	10	2.27	575
6BS0174	201	202	< 5	< 0.2	2.02	< 2	250	0.5	< 2	1.34	0.5	25	115	75	4.56	< 10	< 1	0.08	10	2.21	535
6BS0175	201	202	< 5	< 0.2	1.97	2	320	0.5	< 2	1.63	< 0.5	27	102	86	5.27	< 10	< 1	0.09	10	1.94	745
6BS0176	201	202	< 5	< 0.2	1.91	2	330	0.5	< 2	1.81	< 0.5	30	103	90	5.84	< 10	< 1	0.07	10	1.99	845
6BS0177	201	202	< 5	0.4	1.13	4	340	0.5	< 2	1.13	0.5	13	23	122	4.15	< 10	< 1	0.14	20	0.36	600
6BS0178	201	202	< 5	0.2	1.15	8	380	0.5	< 2	0.99	0.5	14	23	126	4.36	< 10	< 1	0.15	20	0.39	610
6BS0179	201	202	< 5	0.2	1.10	6	350	0.5	< 2	0.98	0.5	13	22	114	3.96	< 10	< 1	0.12	20	0.34	405
6BS0180	201	202	< 5	0.2	1.26	< 2	260	0.5	< 2	1.03	0.5	11	25	73	3.25	< 10	< 1	0.10	10	0.40	425

CERTIFICATION:

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Analytical Chemists * Geochemists * Registered Assayers

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To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 15-SEP-97
Invoice No. :I9741655
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9741655

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
6BS0170	201	202	< 1	< 0.01	27	710	6	< 2	5	43	0.12	< 10	< 10	50	< 10	64
6BS0171	201	202	1	< 0.01	79	1200	6	< 2	11	58	0.21	< 10	< 10	93	< 10	122
6BS0172	201	202	1	< 0.01	86	1190	4	< 2	12	57	0.24	< 10	< 10	100	< 10	126
6BS0173	201	202	1	< 0.01	83	1180	2	< 2	12	57	0.25	< 10	< 10	100	< 10	124
6BS0174	201	202	1	< 0.01	81	1130	4	< 2	11	54	0.23	< 10	< 10	97	< 10	122
6BS0175	201	202	1	< 0.01	79	1270	2	< 2	13	61	0.14	< 10	< 10	102	< 10	132
6BS0176	201	202	1	< 0.01	86	1310	4	< 2	14	58	0.12	< 10	< 10	108	< 10	120
6BS0177	201	202	3	< 0.01	43	1350	8	< 2	5	65	0.01	< 10	< 10	54	< 10	172
6BS0178	201	202	3	< 0.01	43	1380	10	< 2	6	69	0.02	< 10	< 10	56	< 10	174
6BS0179	201	202	3	< 0.01	40	1240	8	< 2	5	66	0.01	< 10	< 10	55	< 10	154
6BS0180	201	202	3	< 0.01	36	1140	4	< 2	5	50	0.03	< 10	< 10	59	< 10	150

CERTIFICATION:

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To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9742513

Comments: ATTN: GEORGE NICHOLSON

CERTIFICATE A9742513

(PHY) - INTERNATIONAL KODIAK RESOURCES INC.

Project:
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 18-SEP-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	93	Geochem ring to approx 150 mesh
226	93	0-3 Kg crush and split
3202	93	Rock - save entire reject
229	93	ICP - AQ Digestion charge
* NOTE	1:	

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

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	93	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	93	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	93	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	93	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	93	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	93	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	93	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	93	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	93	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	93	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	93	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	93	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	93	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	93	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	93	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	93	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	93	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	93	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	93	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	93	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	93	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	93	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	93	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	93	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	93	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	93	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	93	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	93	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	93	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	93	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	93	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	93	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	93	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 18-SEP-97
Invoice No. :I9742513
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9742513

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
2AR239	205	226	< 5	< 0.2	0.34	78	80	< 0.5	< 2	0.65	< 0.5	3	195	9	1.21	< 10	< 1	0.19	30	0.03	350
2AR250	205	226	< 5	< 0.2	0.33	24	100	< 0.5	< 2	0.05	< 0.5	2	243	3	1.00	< 10	< 1	0.19	20	0.02	170
3AR0133	205	226	< 5	< 0.2	0.90	10	180	< 0.5	< 2	0.07	< 0.5	5	197	26	1.58	< 10	< 1	0.11	10	0.46	585
3AR0134	205	226	10	< 0.2	0.99	12	280	0.5	< 2	0.02	< 0.5	4	143	126	2.24	< 10	< 1	0.32	10	0.21	105
3AR0135	205	226	< 5	< 0.2	4.45	< 2	260	0.5	< 2	2.01	< 0.5	34	67	65	8.14	10	< 1	0.15	30	3.98	930
3AR0136	205	226	< 5	< 0.2	4.27	2	1440	0.5	< 2	1.88	< 0.5	25	42	65	6.21	10	< 1	0.14	10	2.93	795
3AR0137	205	226	< 5	< 0.2	3.82	2	930	< 0.5	< 2	0.88	< 0.5	39	134	81	5.58	10	< 1	0.09	< 10	5.17	585
3AR0138	205	226	< 5	< 0.2	0.99	8	200	< 0.5	< 2	0.06	< 0.5	6	143	59	1.50	< 10	< 1	0.09	10	0.51	305
3AR0139	205	226	< 5	< 0.2	0.42	< 2	70	< 0.5	< 2	0.08	< 0.5	3	156	15	0.93	< 10	< 1	0.05	< 10	0.24	290
3AR0140	205	226	< 5	< 0.2	3.85	2	1060	0.5	< 2	1.08	< 0.5	40	25	101	8.62	10	< 1	0.26	10	3.22	895
3AR0142	205	226	< 5	< 0.2	4.44	< 2	350	< 0.5	< 2	2.30	< 0.5	24	80	69	4.78	10	< 1	0.05	< 10	2.94	635
3BR0148	205	226	< 5	< 0.2	0.18	2	130	< 0.5	< 2	< 0.01	< 0.5	1	202	14	0.94	< 10	< 1	0.01	< 10	0.02	85
3BR0154	205	226	< 5	< 0.2	0.82	6	590	< 0.5	< 2	5.99	< 0.5	5	85	13	1.39	< 10	< 1	0.14	< 10	0.86	295
3BR0155	205	226	< 5	< 0.2	1.59	2	280	0.5	< 2	0.78	< 0.5	10	74	24	2.81	< 10	< 1	0.11	30	1.08	430
3CR0123	205	226	< 5	< 0.2	0.57	6	650	< 0.5	< 2	0.10	< 0.5	1	154	26	1.34	< 10	< 1	0.24	< 10	0.06	25
3CR0124	205	226	< 5	< 0.2	0.84	2	440	< 0.5	< 2	0.01	< 0.5	3	95	41	1.08	< 10	< 1	0.34	< 10	0.06	75
3CR0126	205	226	< 5	< 0.2	2.94	< 2	920	0.5	< 2	0.81	< 0.5	19	41	24	6.65	10	< 1	0.10	40	2.20	475
3CR0127	205	226	< 5	< 0.2	0.32	4	120	< 0.5	< 2	0.36	< 0.5	2	244	89	0.82	< 10	< 1	0.03	< 10	0.08	325
3CR0128	205	226	< 5	< 0.2	0.97	2	780	0.5	< 2	0.01	< 0.5	6	22	48	1.53	< 10	< 1	0.37	< 10	0.10	200
3CR0129	205	226	< 5	0.2	1.26	12	90	< 0.5	< 2	0.04	< 0.5	6	76	50	4.41	< 10	< 1	0.21	< 10	0.37	40
3CR0130	205	226	< 5	< 0.2	2.63	10	800	< 0.5	< 2	7.20	< 0.5	13	84	25	4.71	10	< 1	0.14	10	1.53	1165
3CR0131	205	226	< 5	< 0.2	1.35	2	350	< 0.5	< 2	3.71	< 0.5	4	137	15	4.23	< 10	< 1	0.14	10	0.72	510
3CR0132	205	226	< 5	< 0.2	4.33	< 2	4930	< 0.5	< 2	2.63	< 0.5	30	132	64	6.49	10	< 1	0.20	10	3.33	595
3DR0108	205	226	< 5	< 0.2	1.90	4	1000	0.5	< 2	0.17	< 0.5	7	28	51	7.14	10	< 1	0.22	30	0.59	115
5DR0319	205	226	< 5	< 0.2	0.96	< 2	440	< 0.5	< 2	0.16	< 0.5	3	110	38	1.13	< 10	< 1	0.25	< 10	0.55	45
6BR0251	205	226	< 5	< 0.2	1.34	< 2	490	< 0.5	< 2	0.08	< 0.5	2	86	40	1.40	< 10	< 1	0.28	< 10	0.80	50
6BR0257	205	226	10	< 0.2	1.15	16	390	0.5	< 2	0.14	< 0.5	7	152	124	4.28	< 10	< 1	0.20	< 10	0.38	4700
6BR0264	205	226	< 5	< 0.2	0.92	6	550	< 0.5	< 2	0.84	< 0.5	12	69	88	1.84	< 10	< 1	0.16	< 10	0.65	1375
6BR0265	205	226	< 5	< 0.2	0.88	2	420	< 0.5	< 2	5.40	< 0.5	5	139	15	1.69	< 10	< 1	0.31	10	0.76	680
6BR0269	205	226	< 5	< 0.2	1.19	2	440	< 0.5	< 2	4.92	< 0.5	6	77	25	2.18	< 10	< 1	0.15	10	1.50	570
6BR0280	205	226	< 5	< 0.2	1.36	< 2	1000	0.5	< 2	2.83	< 0.5	13	61	42	3.53	< 10	< 1	0.27	20	1.20	670
6BR0282	205	226	< 5	< 0.2	4.63	< 2	390	< 0.5	< 2	2.96	< 0.5	24	136	56	4.88	10	< 1	0.05	< 10	2.21	715
6BR0297	205	226	< 5	< 0.2	3.23	8	3490	< 0.5	< 2	1.91	< 0.5	22	133	64	4.42	10	< 1	0.16	< 10	1.98	865
6BR0313	205	226	< 5	< 0.2	0.51	< 2	190	< 0.5	< 2	0.07	< 0.5	3	146	16	1.09	< 10	< 1	0.03	< 10	0.30	235
6BR0315	205	226	< 5	< 0.2	0.23	2	290	< 0.5	< 2	0.03	< 0.5	5	256	29	0.75	< 10	< 1	0.04	< 10	0.07	130
6BR0316	205	226	< 5	< 0.2	0.28	< 2	180	< 0.5	< 2	0.04	< 0.5	4	301	53	1.44	< 10	< 1	0.03	< 10	0.05	245
6CR0200	205	226	< 5	< 0.2	1.23	4	400	< 0.5	< 2	0.03	< 0.5	4	93	25	1.98	< 10	< 1	0.16	< 10	0.47	45
6CR0202	205	226	< 5	< 0.2	0.30	6	490	< 0.5	< 2	< 0.01	< 0.5	1	255	7	0.96	< 10	< 1	0.12	< 10	0.03	30
6CR0203	205	226	45	< 0.2	0.43	< 2	300	< 0.5	< 2	< 0.01	< 0.5	2	180	54	1.31	< 10	< 1	0.10	< 10	0.13	40
6CR0204	205	226	< 5	< 0.2	0.53	2	260	< 0.5	< 2	0.04	< 0.5	3	245	26	1.28	< 10	< 1	0.06	< 10	0.33	65

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Page Number :1-B
Total Pages :3
Certificate Date: 18-SEP-97
Invoice No. :I9742513
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9742513

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
2AR239	205	226	< 1	0.03	8	100	12	< 2	1	74	< 0.01	< 10	< 10	6	< 10	22
2AR250	205	226	< 1	0.03	7	180	2	< 2	< 1	9	< 0.01	< 10	< 10	4	< 10	8
3AR0133	205	226	< 1	< 0.01	19	310	2	< 2	1	8	< 0.01	< 10	< 10	22	< 10	72
3AR0134	205	226	< 1	< 0.01	22	260	8	< 2	3	23	< 0.01	< 10	< 10	41	< 10	72
3AR0135	205	226	< 1	< 0.01	41	2100	2	2	13	49	0.58	< 10	< 10	233	< 10	84
3AR0136	205	226	< 1	0.01	31	1720	< 2	< 2	9	51	0.47	< 10	< 10	166	< 10	66
3AR0137	205	226	< 1	< 0.01	180	880	< 2	2	4	33	0.34	< 10	< 10	117	< 10	54
3AR0138	205	226	< 1	0.01	26	140	2	< 2	2	8	0.01	< 10	< 10	31	< 10	46
3AR0139	205	226	< 1	< 0.01	14	150	< 2	< 2	< 1	3	< 0.01	< 10	< 10	13	< 10	46
3AR0140	205	226	< 1	0.01	43	1860	< 2	2	8	53	0.44	< 10	< 10	300	< 10	104
3AR0142	205	226	< 1	0.01	62	910	< 2	2	8	26	0.31	< 10	< 10	109	< 10	48
3BR0148	205	226	< 1	< 0.01	9	60	< 2	< 2	< 1	4	< 0.01	< 10	< 10	9	< 10	20
3BR0154	205	226	< 1	0.01	13	480	2	< 2	3	243	0.01	< 10	< 10	20	< 10	22
3BR0155	205	226	< 1	0.03	15	970	56	< 2	2	48	0.16	< 10	< 10	53	< 10	102
3CR0123	205	226	2	< 0.01	10	270	6	< 2	1	37	< 0.01	< 10	< 10	13	< 10	30
3CR0124	205	226	< 1	< 0.01	11	160	4	< 2	3	18	< 0.01	< 10	< 10	12	< 10	30
3CR0126	205	226	< 1	0.03	13	2090	< 2	< 2	5	37	0.01	< 10	< 10	61	< 10	68
3CR0127	205	226	< 1	0.01	14	1500	2	< 2	< 1	17	< 0.01	< 10	< 10	44	< 10	38
3CR0128	205	226	< 1	< 0.01	12	170	2	< 2	3	25	< 0.01	< 10	< 10	11	< 10	8
3CR0129	205	226	1	< 0.01	23	300	6	< 2	3	9	< 0.01	< 10	< 10	47	< 10	26
3CR0130	205	226	< 1	0.05	29	1470	4	< 2	8	325	< 0.01	< 10	< 10	78	< 10	50
3CR0131	205	226	< 1	< 0.01	16	680	4	< 2	5	123	< 0.01	< 10	< 10	32	< 10	50
3CR0132	205	226	< 1	0.16	54	1310	2	< 2	16	168	0.03	< 10	< 10	206	< 10	66
3DR0108	205	226	1	0.04	11	4520	8	< 2	5	20	< 0.01	< 10	< 10	97	< 10	108
5DR0319	205	226	< 1	0.01	12	450	4	< 2	2	25	< 0.01	< 10	< 10	26	< 10	18
6BR0251	205	226	< 1	< 0.01	11	130	2	< 2	2	16	< 0.01	< 10	< 10	24	< 10	38
6BR0257	205	226	1	< 0.01	40	480	12	< 2	4	29	< 0.01	< 10	< 10	46	< 10	62
6BR0264	205	226	1	< 0.01	34	650	12	< 2	3	92	< 0.01	< 10	< 10	43	< 10	36
6BR0265	205	226	< 1	0.03	12	830	10	< 2	2	163	0.06	< 10	< 10	26	< 10	34
6BR0269	205	226	< 1	< 0.01	15	720	6	< 2	3	242	< 0.01	< 10	< 10	23	< 10	36
6BR0280	205	226	< 1	0.01	22	1350	6	< 2	13	100	0.01	< 10	< 10	72	< 10	88
6BR0282	205	226	< 1	0.03	52	860	< 2	2	10	32	0.24	< 10	< 10	99	< 10	56
6BR0297	205	226	< 1	0.04	46	780	< 2	< 2	12	72	0.20	< 10	< 10	96	< 10	60
6BR0313	205	226	< 1	0.01	11	60	< 2	< 2	1	9	< 0.01	< 10	< 10	15	< 10	20
6BR0315	205	226	< 1	< 0.01	13	50	2	< 2	< 1	9	< 0.01	< 10	< 10	10	< 10	22
6BR0316	205	226	< 1	< 0.01	16	100	2	< 2	1	10	< 0.01	< 10	< 10	10	< 10	34
6CR0200	205	226	< 1	< 0.01	16	180	2	< 2	2	7	< 0.01	< 10	< 10	23	< 10	46
6CR0202	205	226	1	< 0.01	8	220	6	< 2	1	22	< 0.01	< 10	< 10	15	< 10	6
6CR0203	205	226	< 1	< 0.01	12	120	4	< 2	1	5	< 0.01	< 10	< 10	11	< 10	28
6CR0204	205	226	< 1	< 0.01	14	80	2	< 2	1	9	< 0.01	< 10	< 10	21	< 10	20

CERTIFICATION:

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VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 18-SEP-97
Invoice No. :19742513
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9742513

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
6CR0250	205	226	< 5	< 0.2	5.90	< 2	>10000	< 0.5	< 2	4.39	< 0.5	23	87	93	5.24	10	< 1	0.64	10	1.94	1080
7D0240 ROCK	205	226	< 5	< 0.2	0.18	< 2	240	< 0.5	< 2	0.01	< 0.5	1	259	21	0.93	< 10	< 1	0.07	< 10	0.02	60
7D0241 ROCK	205	226	< 5	< 0.2	0.24	2	540	< 0.5	< 2	0.04	< 0.5	1	146	33	0.92	< 10	< 1	0.10	< 10	0.03	20
7D0252 ROCK	205	226	< 5	< 0.2	0.15	2	300	< 0.5	< 2	0.03	< 0.5	1	179	29	0.89	< 10	< 1	0.04	< 10	0.01	35
8DR0284	205	226	< 5	0.4	1.92	20	380	3.5	< 2	0.36	2.5	6	62	63	10.65	< 10	< 1	0.28	< 10	0.10	140
11DR0096	205	226	< 5	< 0.2	4.06	2	200	< 0.5	< 2	3.43	< 0.5	31	81	84	6.98	10	< 1	0.05	20	4.75	795
11DR0097	205	226	< 5	< 0.2	3.31	2	430	< 0.5	< 2	4.23	< 0.5	34	92	81	6.19	10	< 1	0.07	20	3.87	725
11DR0098	205	226	< 5	< 0.2	3.36	< 2	570	< 0.5	< 2	1.61	< 0.5	38	129	99	4.22	< 10	< 1	0.08	< 10	4.69	660
11DR0103	205	226	< 5	< 0.2	2.39	6	350	< 0.5	< 2	5.65	< 0.5	16	112	12	4.88	< 10	1	0.19	30	0.91	695
11DR0105	205	226	< 5	< 0.2	4.19	< 2	1250	< 0.5	< 2	1.41	< 0.5	32	32	176	6.72	10	< 1	0.13	10	3.33	910
12AR0289	205	226	< 5	< 0.2	0.83	< 2	90	< 0.5	< 2	3.68	< 0.5	5	170	11	1.48	< 10	< 1	0.04	< 10	0.57	650
12AR0290	205	226	< 5	< 0.2	0.96	< 2	110	< 0.5	< 2	4.05	< 0.5	6	149	13	1.66	< 10	< 1	0.03	< 10	0.65	610
12AR0291	205	226	< 5	< 0.2	0.80	< 2	100	< 0.5	< 2	7.05	< 0.5	5	133	12	1.43	< 10	< 1	0.03	< 10	0.58	1225
12AR0292	205	226	< 5	< 0.2	2.09	< 2	270	< 0.5	< 2	0.87	< 0.5	12	137	17	3.74	< 10	< 1	0.22	10	1.08	235
14AR0026	205	226	< 5	< 0.2	3.66	< 2	190	0.5	< 2	4.29	< 0.5	37	21	63	7.68	10	< 1	0.18	20	2.09	620
14AR0027	205	226	< 5	< 0.2	1.43	2	780	0.5	< 2	0.55	< 0.5	58	13	5	4.55	< 10	< 1	0.30	40	0.18	1585
14AR0055	205	226	< 5	< 0.2	3.66	< 2	270	< 0.5	< 2	0.94	< 0.5	42	252	123	5.77	10	< 1	0.01	< 10	4.86	515
14AR0058	205	226	< 5	< 0.2	3.49	8	100	< 0.5	< 2	5.14	< 0.5	26	102	71	6.43	10	< 1	0.03	10	3.50	745
14AR0060	205	226	< 5	< 0.2	0.22	2	20	< 0.5	< 2	>15.00	< 0.5	2	97	11	0.78	< 10	< 1	< 0.01	< 10	0.68	1310
14AR0062	205	226	< 5	< 0.2	4.12	< 2	290	0.5	< 2	4.30	< 0.5	30	85	59	6.52	10	< 1	0.08	10	3.72	865
14BER0009	205	226	10	< 0.2	1.12	< 2	170	< 0.5	< 2	0.36	< 0.5	3	81	38	2.05	< 10	< 1	0.09	< 10	0.76	70
14BER0010	205	226	10	< 0.2	0.44	< 2	290	< 0.5	< 2	0.22	< 0.5	3	132	51	1.67	< 10	< 1	0.07	< 10	0.18	75
14BER0011	205	226	< 5	< 0.2	3.25	4	1130	0.5	< 2	6.60	< 0.5	22	92	46	5.53	10	1	0.15	10	1.93	1740
14BER0012	205	226	< 5	< 0.2	0.60	4	590	< 0.5	< 2	10.05	< 0.5	2	43	4	1.12	< 10	< 1	0.06	10	0.65	525
14BER0014	205	226	< 5	< 0.2	4.02	< 2	630	< 0.5	< 2	2.33	< 0.5	24	45	75	5.41	10	< 1	0.04	10	1.92	785
14BER0022	205	226	< 5	< 0.2	0.81	4	90	< 0.5	< 2	0.21	< 0.5	2	195	20	1.24	< 10	< 1	0.16	< 10	0.49	120
14BER0024	205	226	< 5	< 0.2	0.37	4	110	< 0.5	< 2	0.15	< 0.5	6	98	9	1.68	< 10	< 1	0.12	< 10	0.07	885
14DR0039	205	226	< 5	< 0.2	0.31	< 2	350	< 0.5	< 2	1.07	< 0.5	1	44	13	0.72	< 10	< 1	0.17	< 10	0.52	135
14DR0040	205	226	< 5	< 0.2	0.37	2	390	< 0.5	< 2	2.55	< 0.5	2	21	25	1.18	< 10	< 1	0.18	< 10	1.19	330
15AR0165	205	226	< 5	< 0.2	2.96	< 2	170	0.5	< 2	0.88	< 0.5	9	19	5	5.24	10	< 1	0.08	40	2.26	780
15AR0168	205	226	< 5	< 0.2	0.69	2	310	< 0.5	< 2	0.28	< 0.5	13	38	11	2.94	< 10	1	0.15	20	0.03	160
15AR0169	205	226	< 5	< 0.2	3.32	< 2	840	0.5	< 2	1.69	< 0.5	21	18	14	6.57	10	< 1	0.15	50	1.44	910
15AR0170	205	226	< 5	< 0.2	1.55	< 2	280	0.5	< 2	8.25	< 0.5	9	11	8	3.02	< 10	< 1	0.36	40	0.31	565
15AR0171	205	226	< 5	< 0.2	2.33	4	250	0.5	< 2	6.02	< 0.5	11	12	7	5.72	10	< 1	0.27	50	0.95	775
15AR0172	205	226	< 5	< 0.2	2.59	2	200	0.5	< 2	1.60	< 0.5	7	18	1	4.99	10	< 1	0.22	50	1.57	665
15BER0155	205	226	< 5	< 0.2	1.36	< 2	480	< 0.5	< 2	0.08	< 0.5	6	21	57	1.83	< 10	< 1	0.26	< 10	0.44	85
15BER0157	205	226	< 5	0.8	0.09	< 2	680	< 0.5	< 2	0.01	< 0.5	< 1	155	24	0.60	< 10	< 1	0.05	< 10	0.01	15
15BER0160	205	226	< 5	< 0.2	0.99	< 2	380	0.5	< 2	0.03	< 0.5	7	16	28	2.14	< 10	< 1	0.24	< 10	0.18	105
15BER0161	205	226	< 5	< 0.2	0.87	< 2	490	< 0.5	< 2	0.03	< 0.5	4	25	35	1.64	< 10	< 1	0.20	< 10	0.27	40
15BER0162	205	226	< 5	< 0.2	0.91	2	500	< 0.5	< 2	0.01	< 0.5	4	14	36	1.70	< 10	< 1	0.30	< 10	0.16	55

CERTIFICATION:_____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Page Number :2-B
Total Pages :3
Certificate Date: 18-SEP-97
Invoice No. :I9742513
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9742513

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
6CR0250	205	226	< 1	0.04	44	930	10	< 2	11	509	0.01	< 10	< 10	155	< 10	52
7D0240 ROCK	205	226	< 1	< 0.01	8	40	32	< 2	1	6	< 0.01	< 10	< 10	4	< 10	54
7D0241 ROCK	205	226	< 1	< 0.01	7	50	16	< 2	1	15	< 0.01	< 10	< 10	9	< 10	26
7D0252 ROCK	205	226	< 1	< 0.01	6	40	10	< 2	< 1	8	< 0.01	< 10	< 10	7	< 10	18
8DR0284	205	226	9	< 0.01	88	1310	8	4	2	86	< 0.01	< 10	30	295	< 10	968
11DR0096	205	226	< 1	< 0.01	62	1930	4	< 2	11	69	0.51	< 10	< 10	225	< 10	120
11DR0097	205	226	< 1	< 0.01	55	1480	2	< 2	12	75	0.59	< 10	< 10	238	< 10	104
11DR0098	205	226	< 1	0.03	229	670	4	< 2	6	48	0.24	< 10	< 10	86	< 10	44
11DR0103	205	226	< 1	0.01	29	1080	10	< 2	6	107	0.01	< 10	< 10	76	< 10	102
11DR0105	205	226	< 1	< 0.01	53	1560	2	< 2	8	44	0.40	< 10	< 10	191	< 10	100
12AR0289	205	226	< 1	0.01	13	360	4	< 2	2	335	< 0.01	< 10	< 10	28	< 10	32
12AR0290	205	226	< 1	0.01	15	430	8	< 2	3	270	< 0.01	< 10	< 10	35	< 10	24
12AR0291	205	226	< 1	< 0.01	14	360	2	< 2	3	549	< 0.01	< 10	< 10	27	< 10	38
12AR0292	205	226	8	0.01	23	770	4	< 2	4	46	< 0.01	< 10	< 10	57	< 10	56
14AR0026	205	226	< 1	< 0.01	38	2680	2	< 2	10	45	< 0.01	< 10	< 10	207	< 10	48
14AR0027	205	226	< 1	0.02	27	3700	2	< 2	3	38	< 0.01	< 10	< 10	27	< 10	176
14AR0055	205	226	< 1	0.01	308	670	< 2	< 2	1	38	0.43	< 10	< 10	77	< 10	64
14AR0058	205	226	< 1	< 0.01	59	2520	< 2	< 2	9	62	0.37	< 10	< 10	199	< 10	68
14AR0060	205	226	< 1	< 0.01	12	150	2	< 2	3	220	< 0.01	< 10	< 10	14	< 10	2
14AR0062	205	226	< 1	< 0.01	58	1800	2	< 2	12	78	0.55	< 10	< 10	210	< 10	60
14BER0009	205	226	< 1	< 0.01	10	90	4	< 2	2	12	< 0.01	< 10	< 10	21	< 10	26
14BER0010	205	226	< 1	< 0.01	11	180	4	< 2	2	21	0.03	< 10	< 10	23	< 10	26
14BER0011	205	226	< 1	< 0.01	64	1060	6	< 2	11	170	< 0.01	< 10	< 10	78	< 10	68
14BER0012	205	226	< 1	0.01	7	740	26	< 2	1	448	< 0.01	< 10	< 10	8	< 10	48
14BER0014	205	226	< 1	0.01	39	1020	< 2	2	8	60	0.29	< 10	< 10	127	< 10	56
14BER0022	205	226	< 1	0.04	12	140	6	< 2	2	14	0.03	< 10	< 10	14	< 10	14
14BER0024	205	226	< 1	0.02	12	90	28	< 2	2	10	< 0.01	< 10	< 10	7	< 10	34
14DR0039	205	226	< 1	< 0.01	4	70	< 2	< 2	1	42	< 0.01	< 10	< 10	4	< 10	14
14DR0040	205	226	< 1	< 0.01	6	80	< 2	< 2	4	85	< 0.01	< 10	< 10	5	< 10	8
15AR0165	205	226	< 1	0.01	< 1	3260	2	< 2	1	42	0.18	< 10	< 10	59	< 10	84
15AR0168	205	226	< 1	< 0.01	11	2150	2	< 2	3	42	< 0.01	< 10	< 10	22	< 10	78
15AR0169	205	226	< 1	0.03	16	3990	2	2	4	72	< 0.01	< 10	< 10	101	< 10	122
15AR0170	205	226	< 1	< 0.01	4	3100	< 2	< 2	5	131	< 0.01	< 10	< 10	36	< 10	108
15AR0171	205	226	< 1	0.02	4	3450	< 2	< 2	4	174	0.01	< 10	< 10	72	< 10	100
15AR0172	205	226	< 1	0.01	1	3530	4	< 2	2	79	< 0.01	< 10	< 10	58	< 10	90
15BER0155	205	226	< 1	< 0.01	18	190	8	< 2	3	10	< 0.01	< 10	< 10	14	< 10	54
15BER0157	205	226	< 1	< 0.01	5	190	2	< 2	< 1	35	< 0.01	< 10	< 10	12	< 10	8
15BER0160	205	226	< 1	< 0.01	18	180	10	< 2	3	20	< 0.01	< 10	< 10	9	< 10	46
15BER0161	205	226	< 1	< 0.01	16	150	2	< 2	2	15	< 0.01	< 10	< 10	11	< 10	56
15BER0162	205	226	< 1	< 0.01	11	130	6	< 2	3	17	< 0.01	< 10	< 10	8	< 10	34

CERTIFICATION:

Chemex Labs Ltd.

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

To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 18-SEP-97
Invoice No. :I9742513
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9742513

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
15BER0163	205	226	< 5	< 0.2	0.65	< 2	320	< 0.5	< 2	0.04	< 0.5	6	22	139	1.76	< 10	< 1	0.22	< 10	0.29	90
15BER0164	205	226	< 5	< 0.2	0.68	2	360	< 0.5	< 2	0.03	< 0.5	6	21	44	1.67	< 10	< 1	0.23	< 10	0.16	80
18EB0067R	205	226	15	< 0.2	0.14	< 2	180	< 0.5	< 2	< 0.01	< 0.5	1	109	39	0.54	< 10	< 1	0.06	< 10	0.01	50
20BR0006	205	226	< 5	< 0.2	0.40	12	330	< 0.5	< 2	10.05	< 0.5	17	24	21	6.26	< 10	< 1	0.05	< 10	3.98	1560
20BR0007	205	226	< 5	< 0.2	1.59	< 2	220	< 0.5	< 2	9.41	< 0.5	13	94	31	4.25	< 10	< 1	0.01	< 10	3.60	1275
20BR0008	205	226	< 5	< 0.2	0.16	< 2	270	< 0.5	< 2	0.01	< 0.5	< 1	77	27	0.44	< 10	< 1	0.07	< 10	0.01	15
20CR0001	205	226	15	< 0.2	0.47	2	420	< 0.5	< 2	0.06	< 0.5	3	31	70	1.36	< 10	< 1	0.12	< 10	0.09	140
20CR0002	205	226	< 5	< 0.2	4.12	< 2	850	0.5	< 2	2.20	< 0.5	37	19	31	8.90	10	< 1	0.09	20	3.60	930
20CR0003	205	226	< 5	0.2	0.19	2	1030	< 0.5	< 2	0.01	< 0.5	1	130	42	1.10	< 10	< 1	0.08	< 10	0.01	35
20CR0004	205	226	< 5	< 0.2	0.26	2	240	< 0.5	< 2	0.07	< 0.5	2	156	13	0.67	< 10	< 1	0.07	< 10	0.13	40
20CR0005	205	226	20	< 0.2	3.15	< 2	3260	< 0.5	< 2	1.01	< 0.5	28	24	44	6.83	10	< 1	0.21	10	2.41	880
20DR0009	205	226	10	< 0.2	0.70	< 2	120	< 0.5	< 2	0.01	< 0.5	3	104	45	1.42	< 10	< 1	0.07	< 10	0.41	70
20DR0010	205	226	10	< 0.2	0.30	2	210	< 0.5	< 2	0.01	< 0.5	1	107	54	1.06	< 10	< 1	0.08	< 10	0.04	15

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1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

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Account : PHY

CERTIFICATE OF ANALYSIS A9742513

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
15BER0163	205	226	< 1	< 0.01	14	110	2	< 2	3	13	< 0.01	< 10	< 10	6	< 10	32
15BER0164	205	226	< 1	< 0.01	11	140	8	< 2	2	11	< 0.01	< 10	< 10	7	< 10	30
18EB0067R	205	226	< 1	< 0.01	7	90	< 2	< 2	< 1	3	< 0.01	< 10	< 10	5	< 10	56
20BR0006	205	226	< 1	< 0.01	16	590	4	< 2	9	296	< 0.01	< 10	< 10	132	< 10	56
20BR0007	205	226	< 1	< 0.01	45	450	< 2	< 2	7	270	0.10	< 10	< 10	77	< 10	30
20BR0008	205	226	< 1	< 0.01	3	90	2	< 2	< 1	11	< 0.01	< 10	< 10	4	< 10	14
20CR0001	205	226	< 1	< 0.01	13	70	2	< 2	3	12	< 0.01	< 10	< 10	16	< 10	32
20CR0002	205	226	< 1	0.03	21	1670	2	< 2	12	136	0.02	< 10	< 10	209	< 10	188
20CR0003	205	226	< 1	< 0.01	9	70	6	< 2	1	16	< 0.01	< 10	< 10	9	< 10	24
20CR0004	205	226	< 1	< 0.01	5	120	< 2	< 2	< 1	11	< 0.01	< 10	< 10	14	< 10	16
20CR0005	205	226	< 1	< 0.01	34	1900	2	< 2	3	57	0.37	< 10	< 10	145	< 10	90
20DR0009	205	226	< 1	< 0.01	11	90	2	< 2	1	6	< 0.01	< 10	< 10	20	< 10	22
20DR0010	205	226	< 1	< 0.01	8	120	6	< 2	1	15	< 0.01	< 10	< 10	15	< 10	18

CERTIFICATION:

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To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9742584

Comments: ATTN: GEORGE NICHOLSON

CERTIFICATE A9742584

(PHY) - INTERNATIONAL KODIAK RESOURCES INC.

Project:
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 21-SEP-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	71	Geochem ring to approx 150 mesh
226	71	0-3 Kg crush and split
3202	71	Rock - save entire reject
229	71	ICP - AQ Digestion charge

* NOTE 1:

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

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	71	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	71	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	71	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	71	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	71	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	71	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	71	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	71	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	71	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	71	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	71	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	71	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	71	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	71	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	71	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	71	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	71	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	71	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	71	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	71	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	71	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	71	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	71	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	71	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	71	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	71	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	71	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	71	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	71	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	71	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	71	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	71	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	71	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

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To: INTERNATIONAL KODIAK RESOURCES INC. -*

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
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CERTIFICATE OF ANALYSIS A9742584

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
2DR 0121	205	226	< 5	< 0.2	2.17	< 2	130	< 0.5	< 2	4.55	< 0.5	10	92	8	4.20	10	< 1	0.07	30	1.72	645
2DR 0122	205	226	< 5	0.2	4.58	< 2	720	0.5	< 2	3.28	< 0.5	20	37	67	3.77	10	< 1	0.22	10	2.27	545
2DR 0123	205	226	< 5	< 0.2	4.48	< 2	350	1.0	< 2	4.45	< 0.5	38	111	93	8.09	20	< 1	0.08	30	5.37	800
2DR 0124	205	226	< 5	< 0.2	4.02	12	380	0.5	< 2	6.32	< 0.5	35	127	90	7.66	10	< 1	0.07	30	4.66	920
2DR 0127	205	226	< 5	< 0.2	3.42	< 2	580	0.5	< 2	1.92	< 0.5	28	12	78	6.71	10	< 1	0.19	30	3.73	820
2DR 0128	205	226	< 5	< 0.2	3.75	< 2	590	0.5	< 2	2.48	< 0.5	27	65	70	4.13	< 10	< 1	0.10	10	2.93	615
3BR 0093	205	226	< 5	< 0.2	3.74	< 2	4840	0.5	< 2	2.19	0.5	33	160	72	6.04	10	< 1	0.16	30	4.17	735
3BR 0095	205	226	< 5	0.2	0.99	< 2	840	< 0.5	< 2	12.90	< 0.5	5	58	10	1.62	< 10	< 1	0.20	20	0.50	1015
3BR 0096	205	226	< 5	< 0.2	1.70	< 2	590	< 0.5	< 2	1.59	< 0.5	9	72	12	2.84	< 10	< 1	0.28	20	0.56	425
3BR 0097	205	226	< 5	< 0.2	1.54	< 2	180	< 0.5	< 2	0.14	< 0.5	4	83	3	2.57	10	< 1	0.01	< 10	1.44	150
3BR 0098	205	226	< 5	< 0.2	2.05	< 2	230	< 0.5	< 2	2.05	< 0.5	10	41	13	5.07	10	< 1	0.04	30	1.97	565
3BR 0099	205	226	< 5	< 0.2	3.95	< 2	770	0.5	< 2	1.91	< 0.5	39	23	22	7.64	10	< 1	0.13	10	2.57	845
3BR 0100	205	226	< 5	< 0.2	3.28	< 2	500	0.5	< 2	1.98	< 0.5	32	30	70	6.63	10	< 1	0.08	20	2.64	925
3BR 0101	205	226	< 5	< 0.2	3.00	< 2	380	0.5	< 2	1.69	< 0.5	31	16	48	6.47	10	< 1	0.06	20	2.64	920
3BR 0102	205	226	< 5	0.2	2.83	< 2	240	0.5	< 2	1.63	< 0.5	27	26	58	6.27	10	< 1	0.06	30	3.04	765
3BR 0103	205	226	< 5	0.2	3.32	< 2	220	0.5	< 2	1.80	< 0.5	34	6	57	7.19	10	< 1	0.03	20	2.77	885
3DR 0104	205	226	< 5	< 0.2	3.12	< 2	390	0.5	< 2	1.75	< 0.5	31	1	63	7.04	10	< 1	0.03	30	2.90	930
3DR 0105	205	226	< 5	< 0.2	3.33	< 2	660	0.5	< 2	0.85	0.5	16	24	18	5.54	10	< 1	0.09	50	3.41	605
3DR 0106	205	226	< 5	< 0.2	1.44	< 2	300	< 0.5	< 2	0.21	< 0.5	3	16	32	4.85	10	< 1	0.45	40	0.68	115
3DR 0107	205	226	< 5	< 0.2	0.84	< 2	240	< 0.5	< 2	0.10	< 0.5	3	12	13	4.07	< 10	< 1	0.54	30	0.19	70
3DR 0108	205	226	< 5	< 0.2	2.11	< 2	860	0.5	< 2	0.15	< 0.5	8	12	62	8.01	< 10	< 1	0.20	40	0.76	155
4DR 0201	205	226	< 5	0.4	2.72	6	400	0.5	< 2	0.40	< 0.5	11	70	47	4.67	< 10	< 1	0.51	20	1.28	320
4DR 0202	205	226	< 5	< 0.2	0.37	< 2	180	< 0.5	< 2	0.08	< 0.5	3	263	13	1.41	< 10	< 1	0.05	< 10	0.09	85
4DR 0203	205	226	< 5	< 0.2	0.70	< 2	270	< 0.5	< 2	0.12	< 0.5	7	215	5	1.48	< 10	< 1	0.09	10	0.13	180
4DR 0204	205	226	< 5	0.6	2.33	< 2	1140	0.5	< 2	0.82	< 0.5	23	69	57	6.30	< 10	< 1	0.22	20	1.51	920
4DR 0205	205	226	< 5	< 0.2	0.70	6	190	< 0.5	< 2	1.58	< 0.5	7	211	6	1.35	< 10	< 1	0.13	10	0.26	150
4DR 0206	205	226	< 5	0.2	4.69	< 2	500	0.5	< 2	3.07	< 0.5	33	104	107	5.53	10	< 1	0.07	10	3.23	760
4DR 0208	205	226	< 5	0.2	2.94	< 2	990	0.5	< 2	1.87	0.5	13	101	13	4.13	< 10	< 1	0.64	30	2.13	720
4DR 0210	205	226	< 5	0.4	4.12	< 2	920	< 0.5	< 2	2.34	< 0.5	28	99	82	5.00	< 10	< 1	0.08	10	2.67	670
4DR 0212	205	226	< 5	< 0.2	2.07	< 2	360	0.5	< 2	1.22	0.5	18	76	29	2.94	< 10	< 1	0.11	20	1.41	635
4DR 0214	205	226	< 5	< 0.2	4.96	2	640	0.5	< 2	1.06	< 0.5	9	125	14	8.00	10	< 1	2.05	10	2.45	410
4DR 0215	205	226	< 5	0.2	3.65	< 2	2880	< 0.5	< 2	1.04	0.5	30	45	145	5.42	< 10	< 1	0.19	10	2.62	760
4DR 0216	205	226	< 5	< 0.2	1.35	34	60	< 0.5	< 2	0.99	< 0.5	7	53	9	1.37	< 10	< 1	0.03	10	0.41	540
4DR 0217	205	226	< 5	0.2	1.63	8	400	0.5	< 2	2.93	< 0.5	11	63	25	3.69	< 10	1	0.22	20	1.73	640
4DR 0220	205	226	< 5	< 0.2	0.35	< 2	70	< 0.5	< 2	0.48	< 0.5	2	83	6	0.69	< 10	< 1	0.03	< 10	0.31	200
4DR 0221	205	226	< 5	< 0.2	3.76	< 2	1300	< 0.5	< 2	3.83	< 0.5	27	64	31	5.15	10	< 1	0.07	10	3.06	800
4DR 0222	205	226	< 5	1.2	2.49	42	590	1.5	< 2	1.29	1.5	11	74	39	3.36	< 10	< 1	0.30	30	1.63	895
4DR 0223	205	226	< 5	< 0.2	1.20	< 2	550	< 0.5	< 2	0.10	< 0.5	3	69	25	1.60	< 10	< 1	0.24	< 10	0.46	90
4DR 0224	205	226	< 5	< 0.2	0.20	< 2	200	< 0.5	< 2	0.10	< 0.5	3	211	29	0.87	< 10	< 1	0.02	< 10	0.07	70
4DR 0225	205	226	< 5	< 0.2	0.13	2	160	< 0.5	< 2	0.03	< 0.5	3	215	26	0.54	< 10	< 1	0.03	< 10	0.03	30

CERTIFICATION: Howard Buckham

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Page Number :1-B
Total Pages :2
Certificate Date: 21-SEP-97
Invoice No. :I9742584
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9742584

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
2DR 0121	205	226	1	< 0.01	19	880	< 2	< 2	6	89	< 0.01	< 10	< 10	92	< 10	58
2DR 0122	205	226	< 1	0.03	26	1010	< 2	< 2	12	48	0.39	< 10	< 10	131	< 10	48
2DR 0123	205	226	< 1	< 0.01	76	750	< 2	2	24	76	1.04	30	< 10	317	< 10	110
2DR 0124	205	226	1	< 0.01	87	1060	< 2	< 2	24	98	0.88	10	< 10	285	< 10	118
2DR 0127	205	226	1	0.01	16	1520	< 2	< 2	12	66	0.65	< 10	< 10	239	< 10	88
2DR 0128	205	226	< 1	< 0.01	91	1080	< 2	< 2	7	37	0.41	< 10	< 10	120	< 10	58
3BR 0093	205	226	1	0.02	105	1270	< 2	< 2	19	80	0.59	< 10	< 10	215	< 10	72
3BR 0095	205	226	< 1	0.01	8	390	< 2	4	3	400	0.02	< 10	10	26	< 10	36
3BR 0096	205	226	1	0.01	13	660	< 2	< 2	5	71	0.01	< 10	< 10	66	< 10	48
3BR 0097	205	226	< 1	< 0.01	21	170	< 2	< 2	3	6	0.03	< 10	10	47	< 10	14
3BR 0098	205	226	2	0.03	7	1750	< 2	< 2	3	106	0.08	< 10	< 10	76	< 10	48
3BR 0099	205	226	< 1	< 0.01	36	1250	< 2	< 2	6	31	0.65	< 10	< 10	195	< 10	88
3BR 0100	205	226	< 1	< 0.01	33	1180	< 2	< 2	10	132	0.59	< 10	< 10	210	< 10	90
3BR 0101	205	226	1	0.01	25	1370	< 2	< 2	9	36	0.54	< 10	< 10	207	< 10	76
3BR 0102	205	226	1	0.01	27	1030	< 2	< 2	9	56	0.49	< 10	< 10	182	< 10	82
3BR 0103	205	226	< 1	< 0.01	23	1180	< 2	< 2	11	52	0.61	< 10	< 10	241	< 10	94
3DR 0104	205	226	1	< 0.01	9	1570	< 2	< 2	6	49	0.60	< 10	< 10	218	< 10	92
3DR 0105	205	226	1	0.02	26	3290	< 2	< 2	5	50	0.04	< 10	< 10	131	< 10	78
3DR 0106	205	226	2	0.08	6	3210	2	< 2	5	31	0.05	< 10	< 10	96	< 10	52
3DR 0107	205	226	3	0.06	4	2550	6	< 2	3	41	0.02	< 10	< 10	43	< 10	44
3DR 0108	205	226	1	0.03	17	4840	4	< 2	6	26	0.01	< 10	< 10	96	< 10	146
4DR 0201	205	226	1	0.03	30	750	22	< 2	8	47	0.11	< 10	< 10	94	< 10	82
4DR 0202	205	226	< 1	0.01	6	270	2	2	1	22	0.01	< 10	< 10	15	< 10	18
4DR 0203	205	226	1	< 0.01	10	420	2	< 2	1	17	0.01	< 10	< 10	30	< 10	48
4DR 0204	205	226	1	< 0.01	50	1130	2	2	9	73	0.30	< 10	< 10	123	< 10	74
4DR 0205	205	226	1	0.01	12	360	8	< 2	2	69	< 0.01	< 10	< 10	36	< 10	28
4DR 0206	205	226	< 1	< 0.01	62	1150	< 2	< 2	13	72	0.54	< 10	< 10	176	< 10	68
4DR 0208	205	226	1	0.03	16	1170	6	< 2	15	81	0.15	< 10	< 10	117	< 10	112
4DR 0210	205	226	< 1	< 0.01	55	1010	< 2	< 2	9	50	0.46	< 10	< 10	144	< 10	50
4DR 0212	205	226	1	0.08	40	1010	4	< 2	6	61	0.17	< 10	< 10	63	< 10	56
4DR 0214	205	226	1	0.13	21	1060	< 2	< 2	9	60	0.11	< 10	< 10	106	< 10	74
4DR 0215	205	226	< 1	< 0.01	54	1150	< 2	< 2	7	45	0.31	< 10	< 10	153	< 10	60
4DR 0216	205	226	< 1	0.13	9	810	10	2	1	39	0.04	< 10	< 10	18	< 10	34
4DR 0217	205	226	1	0.01	19	1100	20	< 2	11	186	0.06	< 10	< 10	78	< 10	90
4DR 0220	205	226	< 1	0.01	10	200	20	< 2	< 1	24	< 0.01	< 10	< 10	25	< 10	32
4DR 0221	205	226	< 1	< 0.01	33	1130	< 2	< 2	13	132	0.27	< 10	< 10	142	< 10	62
4DR 0222	205	226	1	0.03	28	890	380	< 2	6	115	0.04	< 10	< 10	48	< 10	172
4DR 0223	205	226	< 1	0.01	19	350	2	< 2	3	15	< 0.01	< 10	< 10	25	< 10	64
4DR 0224	205	226	< 1	< 0.01	11	60	2	< 2	1	8	< 0.01	< 10	< 10	15	< 10	38
4DR 0225	205	226	< 1	< 0.01	8	40	4	< 2	< 1	5	< 0.01	< 10	< 10	6	< 10	10

CERTIFICATION: _____

Chemex Labs Ltd.

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

To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 21-SEP-97
Invoice No. :I9742584
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9742584

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
4DR 0226	205	226	< 5	< 0.2	1.19	< 2	620	< 0.5	< 2	0.03	< 0.5	4	33	32	1.30	< 10	< 1	0.33	< 10	0.58	90
4DR 0227	205	226	< 5	< 0.2	0.13	< 2	150	< 0.5	< 2	< 0.01	< 0.5	2	302	14	0.63	< 10	< 1	0.03	< 10	0.01	35
4DR 0238	205	226	< 5	< 0.2	1.04	< 2	230	< 0.5	< 2	0.02	< 0.5	1	146	36	1.97	< 10	< 1	0.09	< 10	0.70	55
5DR 0193	205	226	< 5	< 0.2	0.24	< 2	290	< 0.5	< 2	< 0.01	< 0.5	1	282	17	0.71	< 10	< 1	0.05	< 10	0.08	40
5DR 0218	205	226	< 5	< 0.2	1.34	2	410	0.5	< 2	14.75	< 0.5	7	25	10	2.18	< 10	2	0.24	10	0.82	475
9 0257	205	226	< 5	< 0.2	3.68	< 2	160	0.5	< 2	1.97	< 0.5	34	28	56	7.48	10	< 1	0.07	30	4.36	675
9DR 0241	205	226	< 5	< 0.2	3.70	< 2	440	0.5	< 2	3.00	< 0.5	40	93	81	6.31	10	< 1	0.06	20	3.91	820
9DR 0261	205	226	< 5	< 0.2	3.90	< 2	2560	< 0.5	< 2	1.90	0.5	24	19	98	4.76	< 10	< 1	0.22	10	2.14	635
18D 0001R	205	226	< 5	< 0.2	0.17	< 2	110	< 0.5	< 2	0.07	< 0.5	3	262	26	1.40	< 10	< 1	0.03	< 10	0.03	210
18D 0002R	205	226	< 5	< 0.2	0.45	2	220	< 0.5	< 2	0.05	< 0.5	3	240	48	2.30	< 10	< 1	0.06	< 10	0.06	175
18D 0004R	205	226	< 5	0.8	0.27	2	370	< 0.5	< 2	0.02	< 0.5	3	350	37	1.05	< 10	< 1	0.11	< 10	0.03	35
18D 0005R	205	226	< 5	0.2	0.24	< 2	540	< 0.5	< 2	0.01	< 0.5	3	249	21	0.97	< 10	< 1	0.09	< 10	0.03	50
18D 0007R	205	226	< 5	< 0.2	0.57	< 2	450	< 0.5	< 2	< 0.01	< 0.5	4	70	30	1.52	< 10	< 1	0.19	< 10	0.07	100
18D 0008R	205	226	< 5	< 0.2	0.63	< 2	210	< 0.5	< 2	0.01	< 0.5	1	257	25	1.02	< 10	< 1	0.08	< 10	0.25	170
18D 0009R	205	226	< 5	< 0.2	0.85	< 2	430	< 0.5	< 2	0.01	< 0.5	6	98	63	1.78	< 10	< 1	0.34	< 10	0.12	120
18D 0011R	205	226	< 5	< 0.2	0.08	< 2	110	< 0.5	< 2	< 0.01	< 0.5	< 1	301	7	0.34	< 10	< 1	0.01	< 10	< 0.01	15
18D 0012R	205	226	10	< 0.2	0.31	2	460	< 0.5	< 2	< 0.01	< 0.5	< 1	267	44	1.12	< 10	1	0.10	< 10	0.03	15
18D 0013R	205	226	< 5	< 0.2	0.11	< 2	140	< 0.5	< 2	< 0.01	< 0.5	3	388	14	0.63	< 10	< 1	0.02	< 10	0.02	30
18D 0014R	205	226	< 5	< 0.2	0.13	< 2	100	< 0.5	< 2	< 0.01	< 0.5	< 1	256	5	0.35	< 10	1	0.03	< 10	< 0.01	15
18D 0026R	205	226	< 5	< 0.2	0.35	6	520	< 0.5	< 2	0.04	< 0.5	6	140	34	1.24	< 10	< 1	0.13	< 10	0.04	635
18D 0031R	205	226	< 5	< 0.2	0.13	< 2	180	< 0.5	< 2	< 0.01	< 0.5	3	248	18	0.64	< 10	< 1	0.04	< 10	< 0.01	60
18D 0032R	205	226	< 5	< 0.2	0.13	< 2	160	< 0.5	< 2	< 0.01	< 0.5	1	256	11	0.47	< 10	< 1	0.04	< 10	0.01	25
18D 0033R	205	226	< 5	< 0.2	0.31	< 2	170	< 0.5	< 2	0.01	< 0.5	2	194	17	0.81	< 10	< 1	0.05	< 10	0.10	205
18D 0034R	205	226	< 5	< 0.2	0.18	< 2	190	< 0.5	< 2	0.01	< 0.5	3	262	17	0.70	< 10	< 1	0.05	< 10	0.01	110
18D 0035R	205	226	< 5	< 0.2	0.12	< 2	120	< 0.5	< 2	< 0.01	< 0.5	1	286	14	0.68	< 10	< 1	0.03	< 10	0.01	65
18D 0036R	205	226	< 5	< 0.2	0.08	< 2	130	< 0.5	< 2	< 0.01	< 0.5	3	290	13	0.54	< 10	< 1	0.03	< 10	< 0.01	95
18D 0040R	205	226	< 5	< 0.2	0.08	< 2	150	< 0.5	< 2	0.01	< 0.5	1	257	10	0.54	< 10	< 1	0.03	< 10	< 0.01	65
18D 0041R	205	226	< 5	< 0.2	0.23	< 2	200	< 0.5	< 2	0.22	< 0.5	3	146	30	0.93	< 10	< 1	0.08	< 10	0.11	490
18D 0042R	205	226	< 5	< 0.2	1.52	< 2	490	0.5	< 2	0.61	< 0.5	8	146	24	1.88	< 10	< 1	0.42	10	0.67	440
18D 0045R	205	226	< 5	< 0.2	0.58	< 2	310	< 0.5	< 2	0.54	< 0.5	11	207	22	1.55	< 10	< 1	0.13	< 10	0.38	945
18D 0046R	205	226	< 5	< 0.2	0.66	< 2	350	< 0.5	< 2	0.25	< 0.5	5	175	16	2.92	< 10	< 1	0.13	< 10	0.28	795

CERTIFICATION:

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SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
4DR 0226	205	226	< 1	0.01	15	100	4	< 2	3	20	< 0.01	< 10	< 10	12	< 10	46
4DR 0227	205	226	< 1	< 0.01	9	40	< 2	< 2	< 1	6	< 0.01	< 10	< 10	7	< 10	12
4DR 0238	205	226	< 1	< 0.01	9	50	2	2	1	12	< 0.01	< 10	< 10	24	< 10	34
5DR 0193	205	226	< 1	< 0.01	10	80	2	< 2	< 1	7	< 0.01	< 10	< 10	7	< 10	14
5DR 0218	205	226	1	0.01	15	710	< 2	< 2	6	429	< 0.01	< 10	10	13	< 10	50
9 0257	205	226	< 1	< 0.01	18	2260	< 2	< 2	10	64	0.32	< 10	< 10	182	< 10	110
9DR 0241	205	226	1	< 0.01	58	1730	< 2	< 2	11	56	0.47	< 10	< 10	193	< 10	70
9DR 0261	205	226	1	0.01	27	1110	< 2	< 2	11	64	0.29	< 10	< 10	138	< 10	60
18D 0001R	205	226	< 1	< 0.01	13	50	2	< 2	< 1	6	< 0.01	< 10	< 10	10	< 10	46
18D 0002R	205	226	1	< 0.01	18	260	4	< 2	1	14	< 0.01	< 10	< 10	28	< 10	58
18D 0004R	205	226	< 1	< 0.01	20	160	6	2	1	15	< 0.01	< 10	< 10	13	< 10	52
18D 0005R	205	226	< 1	< 0.01	23	90	2	< 2	< 1	21	< 0.01	< 10	< 10	9	< 10	64
18D 0007R	205	226	< 1	< 0.01	21	150	2	< 2	2	28	< 0.01	< 10	< 10	10	< 10	78
18D 0008R	205	226	< 1	< 0.01	14	90	2	2	1	9	< 0.01	< 10	< 10	9	< 10	24
18D 0009R	205	226	< 1	< 0.01	19	220	4	< 2	2	19	< 0.01	< 10	< 10	13	< 10	64
18D 0011R	205	226	< 1	< 0.01	5	30	< 2	< 2	< 1	6	< 0.01	< 10	< 10	3	< 10	2
18D 0012R	205	226	2	< 0.01	5	140	4	< 2	< 1	25	< 0.01	< 10	< 10	19	< 10	10
18D 0013R	205	226	< 1	< 0.01	10	40	< 2	< 2	< 1	6	< 0.01	< 10	< 10	6	< 10	8
18D 0014R	205	226	< 1	< 0.01	4	30	< 2	2	< 1	5	< 0.01	< 10	< 10	6	< 10	2
18D 0026R	205	226	1	< 0.01	15	90	6	< 2	1	17	< 0.01	< 10	< 10	8	< 10	44
18D 0031R	205	226	< 1	< 0.01	9	60	2	< 2	1	5	< 0.01	< 10	< 10	6	< 10	12
18D 0032R	205	226	< 1	< 0.01	6	30	2	< 2	< 1	5	< 0.01	< 10	< 10	4	< 10	8
18D 0033R	205	226	< 1	< 0.01	9	60	< 2	2	1	8	< 0.01	< 10	< 10	7	< 10	16
18D 0034R	205	226	< 1	< 0.01	8	30	2	< 2	< 1	8	< 0.01	< 10	< 10	6	< 10	14
18D 0035R	205	226	< 1	< 0.01	7	10	< 2	< 2	< 1	6	< 0.01	< 10	< 10	7	< 10	14
18D 0036R	205	226	< 1	< 0.01	9	50	< 2	< 2	< 1	4	< 0.01	< 10	< 10	6	< 10	16
18D 0040R	205	226	< 1	< 0.01	6	10	< 2	< 2	< 1	6	< 0.01	< 10	< 10	3	< 10	12
18D 0041R	205	226	< 1	< 0.01	16	60	< 2	< 2	1	25	< 0.01	< 10	< 10	10	< 10	44
18D 0042R	205	226	< 1	0.01	24	400	4	< 2	4	39	< 0.01	< 10	< 10	23	< 10	96
18D 0045R	205	226	1	0.01	25	370	2	2	1	36	< 0.01	< 10	< 10	16	< 10	74
18D 0046R	205	226	< 1	< 0.01	25	180	2	2	1	30	< 0.01	< 10	< 10	19	< 10	176

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

To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9742590

Comments: ATTN: GEORGE NICHOLSON

CERTIFICATE A9742590

(PHY) - INTERNATIONAL KODIAK RESOURCES INC.

Project:
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 21-SEP-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	274	Dry, sieve to -80 mesh
202	274	save reject
229	274	ICP - AQ Digestion charge

* NOTE 1:

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

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	272	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2118	274	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	274	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	274	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	274	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	274	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	274	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	274	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	274	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	274	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	274	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	274	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	274	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	274	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	274	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	274	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	274	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	274	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	274	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	274	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	274	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	274	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	274	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	274	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	274	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	274	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	274	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	274	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	274	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	274	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	274	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	274	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	274	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

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Certificate Date: 21-SEP-97
Invoice No. :I9742590
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9742590

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
1DS 0205	201	202	< 5	0.4	1.05	8	460	0.5	< 2	0.37	< 0.5	10	20	50	3.02	< 10	< 1	0.14	20	0.34	400
1DS 0206	201	202	< 5	0.8	1.46	10	430	0.5	< 2	1.04	1.5	15	25	84	4.73	< 10	< 1	0.22	20	0.75	550
1DS 0207	201	202	< 5	0.6	1.56	6	610	0.5	< 2	0.76	0.5	12	26	65	4.09	< 10	< 1	0.24	20	0.66	305
1DS 0208	201	202	< 5	0.2	1.32	8	520	0.5	< 2	0.91	0.5	12	23	68	3.97	< 10	< 1	0.23	20	0.62	380
1DS 0209	201	202	< 5	0.4	1.70	6	310	0.5	< 2	0.74	0.5	19	36	61	3.99	< 10	< 1	0.13	20	0.72	650
1DS 0210	201	202	< 5	0.2	1.85	2	200	< 0.5	< 2	0.75	0.5	11	34	22	2.75	< 10	< 1	0.08	10	0.55	505
1DS 0211	201	202	< 5	0.2	1.49	< 2	260	< 0.5	< 2	0.78	0.5	8	22	18	2.50	< 10	< 1	0.06	10	0.44	320
1DS 0212	201	202	< 5	< 0.2	1.67	4	210	< 0.5	< 2	0.30	< 0.5	11	22	22	3.24	< 10	< 1	0.10	10	0.51	530
1DS 0213	201	202	< 5	< 0.2	1.86	2	370	0.5	< 2	0.59	0.5	14	34	44	3.67	< 10	< 1	0.15	20	0.76	390
1DS 0214	201	202	< 5	0.2	1.29	4	320	0.5	< 2	1.09	1.5	15	24	62	3.42	< 10	< 1	0.16	20	0.59	465
1DS 0215	201	202	< 5	< 0.2	1.11	6	330	0.5	< 2	1.22	0.5	15	20	63	3.30	< 10	1	0.17	20	0.55	620
1DS 0216	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
1DS 0217	201	202	< 5	0.2	1.68	2	260	0.5	< 2	0.89	0.5	13	32	44	3.56	< 10	< 1	0.10	20	0.71	340
1DS 0218	201	202	< 5	< 0.2	1.58	< 2	230	0.5	< 2	1.07	0.5	13	30	40	2.79	< 10	1	0.09	10	0.73	245
1DS 0219	201	202	< 5	0.2	1.56	2	310	0.5	< 2	1.13	0.5	14	30	50	3.28	< 10	< 1	0.12	10	0.79	245
1DS 0220	201	202	< 5	< 0.2	1.61	6	300	0.5	< 2	0.92	0.5	14	30	49	3.64	< 10	< 1	0.13	20	0.79	290
1DS 0221	201	202	< 5	< 0.2	2.13	2	460	0.5	< 2	1.24	0.5	22	52	49	3.90	< 10	< 1	0.14	10	1.69	465
1DS 0222	201	202	< 5	0.2	1.89	< 2	390	0.5	< 2	1.35	0.5	15	39	52	3.38	< 10	< 1	0.16	20	1.01	395
1DS 0223	201	202	< 5	0.2	1.54	2	310	0.5	< 2	1.31	< 0.5	12	29	45	2.89	< 10	< 1	0.13	10	0.72	250
1DS 0224	201	202	< 5	< 0.2	1.77	< 2	300	< 0.5	< 2	1.15	< 0.5	14	38	56	3.05	< 10	< 1	0.09	10	0.97	450
1DS 0225	201	202	< 5	< 0.2	1.63	2	330	0.5	< 2	1.15	0.5	13	31	46	3.26	< 10	< 1	0.12	20	0.78	405
1DS 0226	201	202	< 5	< 0.2	1.55	< 2	350	0.5	< 2	1.09	0.5	12	32	47	2.96	< 10	< 1	0.12	10	0.80	295
1DS 0227	201	202	< 5	< 0.2	1.59	2	470	< 0.5	< 2	1.16	< 0.5	15	37	34	2.87	< 10	< 1	0.07	10	0.81	425
1DS 0228	201	202	< 5	0.2	1.81	< 2	220	0.5	< 2	1.62	< 0.5	16	31	94	3.28	< 10	< 1	0.08	10	1.12	400
1DS 0229	201	202	< 5	< 0.2	1.87	< 2	400	< 0.5	< 2	0.94	< 0.5	15	53	40	3.06	< 10	< 1	0.05	10	0.96	510
1DS 0230	201	202	< 5	< 0.2	1.55	2	290	0.5	< 2	1.15	0.5	14	34	48	2.97	< 10	< 1	0.08	10	0.89	280
1DS 0231	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
1DS 0232	201	202	< 5	0.2	1.38	< 2	280	0.5	< 2	1.11	0.5	14	28	60	3.49	< 10	< 1	0.08	10	0.82	380
1DS 0233	201	202	< 5	0.2	1.40	< 2	260	< 0.5	< 2	1.62	1.0	14	30	48	2.87	< 10	< 1	0.07	10	0.90	360
1DS 0234	201	202	< 5	< 0.2	1.62	4	300	0.5	< 2	1.06	0.5	16	33	54	3.28	< 10	< 1	0.07	10	1.04	340
1DS 0235	201	202	< 5	0.2	1.59	2	280	0.5	< 2	1.33	0.5	15	34	58	3.18	< 10	< 1	0.09	10	0.94	405
2DS 0125	201	202	< 5	< 0.2	2.55	< 2	1350	0.5	< 2	0.84	2.0	36	60	111	6.36	< 10	< 1	0.14	30	1.11	1120
2DS 0126	201	202	< 5	0.4	1.61	< 2	400	< 0.5	< 2	1.06	1.0	29	121	61	4.53	< 10	< 1	0.13	20	0.87	930
2DS 0129	201	202	< 5	0.6	2.30	8	280	0.5	< 2	0.39	< 0.5	23	31	36	4.55	< 10	< 1	0.17	30	0.41	1235
2DS 0130	201	202	< 5	< 0.2	1.51	6	110	< 0.5	< 2	0.13	< 0.5	8	28	14	3.93	< 10	< 1	0.14	10	0.24	230
2DS 0131	201	202	< 5	< 0.2	0.94	6	140	< 0.5	< 2	0.08	< 0.5	4	18	9	1.79	< 10	< 1	0.05	10	0.10	180
2DS 0132	201	202	< 5	0.2	0.77	< 2	120	< 0.5	< 2	0.15	< 0.5	8	25	46	3.03	< 10	< 1	0.11	20	0.13	305
2DS 0177	201	202	< 5	< 0.2	1.46	4	460	0.5	< 2	0.55	1.0	15	23	58	3.28	< 10	< 1	0.21	30	0.62	800
2DS 0178	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
2DS 0179	201	202	< 5	0.2	1.39	2	460	0.5	< 2	1.24	2.0	9	21	49	2.34	< 10	< 1	0.16	20	0.68	560

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SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
1DS 0205	201	202	3	< 0.01	29	1260	26	< 2	2	78	< 0.01	< 10	< 10	36	< 10	94
1DS 0206	201	202	8	0.01	75	2260	18	2	6	106	< 0.01	< 10	10	52	< 10	178
1DS 0207	201	202	7	< 0.01	39	1790	16	< 2	6	95	< 0.01	< 10	< 10	54	< 10	124
1DS 0208	201	202	7	< 0.01	43	1820	14	< 2	6	102	< 0.01	< 10	< 10	52	< 10	154
1DS 0209	201	202	4	< 0.01	44	1180	12	< 2	6	56	0.04	< 10	< 10	60	< 10	130
1DS 0210	201	202	2	< 0.01	22	1140	6	< 2	1	31	0.03	< 10	< 10	61	< 10	80
1DS 0211	201	202	1	< 0.01	16	950	6	< 2	2	34	0.03	< 10	< 10	50	< 10	68
1DS 0212	201	202	1	< 0.01	21	670	8	< 2	3	22	0.03	< 10	< 10	59	< 10	78
1DS 0213	201	202	3	< 0.01	35	1060	10	< 2	5	43	0.04	< 10	< 10	67	< 10	122
1DS 0214	201	202	4	< 0.01	40	1230	10	< 2	5	64	0.01	< 10	< 10	44	< 10	156
1DS 0215	201	202	4	< 0.01	34	1310	10	< 2	4	69	< 0.01	< 10	< 10	40	< 10	132
1DS 0216	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
1DS 0217	201	202	3	< 0.01	38	1090	10	< 2	5	46	0.04	< 10	< 10	62	< 10	134
1DS 0218	201	202	3	< 0.01	35	940	10	< 2	4	45	0.05	< 10	< 10	50	< 10	104
1DS 0219	201	202	3	< 0.01	37	1040	10	< 2	5	54	0.03	< 10	< 10	48	< 10	136
1DS 0220	201	202	4	< 0.01	38	1070	10	< 2	5	52	0.03	< 10	< 10	53	< 10	134
1DS 0221	201	202	3	< 0.01	65	1080	8	< 2	7	55	0.09	< 10	< 10	72	< 10	128
1DS 0222	201	202	3	< 0.01	46	1100	8	2	6	61	0.06	< 10	< 10	63	< 10	128
1DS 0223	201	202	3	< 0.01	34	1080	10	< 2	5	59	0.03	< 10	< 10	52	< 10	94
1DS 0224	201	202	1	< 0.01	39	850	6	< 2	6	58	0.10	< 10	< 10	60	< 10	86
1DS 0225	201	202	3	< 0.01	37	1050	8	< 2	6	57	0.04	< 10	< 10	55	< 10	118
1DS 0226	201	202	2	< 0.01	38	950	8	< 2	5	56	0.05	< 10	< 10	49	< 10	104
1DS 0227	201	202	1	< 0.01	32	740	6	< 2	6	47	0.14	< 10	< 10	69	< 10	76
1DS 0228	201	202	2	< 0.01	33	830	6	< 2	7	94	0.09	< 10	< 10	78	< 10	86
1DS 0229	201	202	1	< 0.01	43	720	6	< 2	7	42	0.08	< 10	< 10	61	< 10	76
1DS 0230	201	202	1	< 0.01	40	910	8	< 2	6	53	0.06	< 10	< 10	50	< 10	148
1DS 0231	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
1DS 0232	201	202	3	< 0.01	40	980	10	< 2	5	59	0.03	< 10	< 10	47	< 10	178
1DS 0233	201	202	1	< 0.01	37	960	8	< 2	5	77	0.05	< 10	< 10	45	< 10	144
1DS 0234	201	202	2	< 0.01	44	960	8	< 2	6	59	0.06	< 10	< 10	57	< 10	124
1DS 0235	201	202	2	< 0.01	41	900	8	< 2	5	68	0.07	< 10	< 10	55	< 10	132
2DS 0125	201	202	1	< 0.01	69	1790	10	< 2	17	38	0.03	< 10	< 10	133	< 10	584
2DS 0126	201	202	1	< 0.01	129	1510	6	2	7	44	0.04	< 10	< 10	96	< 10	224
2DS 0129	201	202	3	< 0.01	26	1010	14	< 2	5	30	0.02	< 10	< 10	76	< 10	104
2DS 0130	201	202	1	< 0.01	13	580	10	< 2	1	15	0.04	< 10	< 10	71	< 10	52
2DS 0131	201	202	1	< 0.01	9	490	6	< 2	1	13	0.04	< 10	< 10	56	< 10	40
2DS 0132	201	202	1	0.01	18	1200	10	< 2	< 1	21	< 0.01	< 10	< 10	43	< 10	150
2DS 0177	201	202	3	< 0.01	31	1320	14	< 2	2	73	< 0.01	< 10	< 10	47	< 10	148
2DS 0178	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
2DS 0179	201	202	3	< 0.01	27	1220	10	< 2	2	112	0.01	< 10	< 10	39	< 10	126

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SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
2DS 0180	201	202	< 5	0.2	1.35	< 2	270	< 0.5	< 2	0.60	< 0.5	4	20	18	1.24	< 10	< 1	0.06	10	0.32	140
2DS 0181	201	202	< 5	< 0.2	0.71	< 2	70	< 0.5	< 2	0.04	< 0.5	1	10	8	0.66	< 10	< 1	0.04	< 10	0.05	35
2DS 0182	201	202	< 5	0.2	0.95	< 2	390	< 0.5	< 2	2.01	2.0	5	13	26	1.21	< 10	< 1	0.07	10	0.50	410
2DS 0183	201	202	< 5	< 0.2	1.00	< 2	110	< 0.5	< 2	0.11	< 0.5	2	18	10	1.27	< 10	< 1	0.04	< 10	0.16	75
2DS 0184	201	202	< 5	0.2	0.89	< 2	160	< 0.5	< 2	1.71	5.0	6	13	18	1.12	< 10	< 1	0.06	< 10	0.48	465
2DS 0185	201	202	< 5	0.2	0.33	< 2	290	< 0.5	< 2	4.00	1.5	1	4	20	0.41	< 10	< 1	0.04	< 10	0.63	210
2DS 0186	201	202	< 5	0.4	1.15	12	300	0.5	< 2	0.76	4.5	13	28	53	2.56	< 10	< 1	0.12	20	0.43	580
2DS 0187	201	202	< 5	0.2	1.07	< 2	230	< 0.5	< 2	0.86	0.5	7	19	19	1.59	< 10	< 1	0.09	10	0.43	225
2DS 0188	201	202	< 5	0.4	1.05	10	290	0.5	< 2	0.52	2.5	15	26	49	2.60	< 10	< 1	0.11	20	0.40	745
2DS 0189	201	202	< 5	0.4	1.10	6	310	0.5	< 2	0.74	3.0	11	24	46	2.46	< 10	< 1	0.15	20	0.42	420
2DS 0190	201	202	< 5	< 0.2	0.67	< 2	240	0.5	< 2	0.28	< 0.5	14	12	40	3.53	< 10	< 1	0.17	20	0.18	290
2DS 0191	201	202	< 5	0.4	1.01	12	340	0.5	< 2	0.58	3.5	10	25	52	2.80	< 10	< 1	0.20	20	0.34	375
2DS 0192	201	202	< 5	0.6	0.88	6	270	0.5	< 2	1.21	7.5	8	21	53	2.23	< 10	1	0.14	10	0.45	315
2DS 0193	201	202	< 5	0.8	3.25	< 2	520	0.5	< 2	0.91	< 0.5	55	66	75	8.72	< 10	< 1	0.10	30	2.15	2070
2DS 0194	201	202	< 5	0.2	0.98	< 2	250	< 0.5	< 2	2.45	0.5	21	21	29	2.51	< 10	1	0.05	10	0.60	1445
2DS 0195	201	202	15	0.6	1.48	2	280	0.5	< 2	1.33	< 0.5	28	34	44	5.25	< 10	< 1	0.09	20	0.93	1185
2DS 0196	201	202	< 5	0.6	3.00	< 2	430	0.5	< 2	0.99	< 0.5	48	65	63	7.84	< 10	< 1	0.07	30	2.03	2280
2DS 0197	201	202	< 5	0.4	0.82	6	210	0.5	< 2	0.99	4.5	10	19	45	2.34	< 10	< 1	0.11	10	0.45	280
2DS 0198	201	202	< 5	0.2	1.39	< 2	260	0.5	< 2	1.42	1.0	14	32	49	2.96	< 10	< 1	0.09	10	0.81	355
2DS 0199	201	202	< 5	0.4	0.93	4	230	0.5	< 2	1.49	8.5	9	22	54	2.33	< 10	< 1	0.12	10	0.48	330
2DS 0200	201	202	< 5	0.2	0.88	2	170	< 0.5	< 2	1.86	2.5	7	18	19	1.57	< 10	< 1	0.10	10	0.32	175
2DS 0201	201	202	< 5	0.4	0.94	8	250	0.5	< 2	1.17	4.5	11	23	50	2.78	< 10	< 1	0.13	10	0.51	325
2DS 0202	201	202	< 5	< 0.2	0.08	< 2	20	< 0.5	< 2	3.44	0.5	< 1	1	7	0.16	< 10	< 1	0.03	< 10	0.12	75
2DS 0203	201	202	< 5	0.6	0.96	6	240	0.5	< 2	1.34	7.0	10	22	48	2.48	< 10	< 1	0.12	10	0.53	310
2DS 0204	201	202	< 5	0.2	0.85	10	310	0.5	< 2	1.00	2.5	12	20	43	3.19	< 10	1	0.18	10	0.53	385
2DS 0205	201	202	< 5	< 0.2	0.19	< 2	70	< 0.5	< 2	3.68	< 0.5	< 1	3	8	0.26	< 10	< 1	0.03	< 10	0.14	120
2DS 0206	201	202	< 5	0.2	0.92	10	320	0.5	< 2	0.81	1.0	12	21	42	3.11	< 10	< 1	0.13	10	0.49	335
2DS 0207	201	202	< 5	0.2	0.82	2	250	0.5	< 2	1.63	5.0	9	19	42	2.22	< 10	< 1	0.10	10	0.50	250
2DS 0208	201	202	< 5	0.2	0.92	< 2	410	< 0.5	< 2	1.34	1.0	11	20	41	2.55	< 10	< 1	0.07	10	0.56	345
2DS 0209	201	202	< 5	0.2	0.79	< 2	210	< 0.5	< 2	0.95	2.0	10	18	35	2.39	< 10	< 1	0.07	10	0.46	300
2DS 0210	201	202	< 5	0.2	1.12	2	270	< 0.5	< 2	0.81	1.0	13	23	32	2.84	< 10	< 1	0.06	10	0.61	315
2DS 0211	201	202	< 5	0.2	0.69	4	230	< 0.5	< 2	0.74	1.5	9	16	39	2.75	< 10	< 1	0.09	10	0.36	260
2DS 0212	201	202	< 5	0.2	0.73	14	280	0.5	< 2	0.79	1.5	15	19	56	4.42	< 10	< 1	0.17	10	0.38	400
2DS 0213	201	202	< 5	0.2	1.26	4	320	< 0.5	< 2	0.91	1.5	13	27	36	3.08	< 10	< 1	0.11	10	0.59	325
2DS 0214	201	202	< 5	0.2	0.96	8	320	0.5	< 2	0.80	1.0	11	23	34	2.85	< 10	< 1	0.15	10	0.53	305
2DS 0215	201	202	< 5	0.2	0.91	10	290	< 0.5	< 2	1.01	1.5	9	20	35	2.49	< 10	< 1	0.12	10	0.45	295
2DS 0216	201	202	< 5	< 0.2	1.27	2	240	< 0.5	< 2	0.28	< 0.5	7	17	11	2.25	< 10	< 1	0.12	20	0.23	145
2DS 0217	201	202	< 5	< 0.2	1.10	< 2	180	< 0.5	< 2	0.27	< 0.5	6	15	11	2.20	< 10	< 1	0.09	20	0.21	130
3BSS 0094	201	202	< 5	< 0.2	2.19	10	500	< 0.5	< 2	0.14	< 0.5	9	49	32	3.93	< 10	< 1	0.10	10	0.58	230
3DS 0109	201	202	< 5	0.2	1.33	8	290	0.5	< 2	0.79	1.5	20	23	59	5.03	< 10	< 1	0.13	10	0.33	775

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 21-SEP-97
Invoice No. :I9742590
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9742590

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
2DS 0180	201	202	1	< 0.01	9	1550	6	< 2	< 1	53	< 0.01	< 10	< 10	28	< 10	32
2DS 0181	201	202	1	< 0.01	4	510	8	< 2	< 1	9	< 0.01	< 10	< 10	27	< 10	14
2DS 0182	201	202	2	< 0.01	13	1460	2	< 2	1	154	0.01	< 10	< 10	23	< 10	94
2DS 0183	201	202	< 1	< 0.01	8	800	6	< 2	< 1	13	0.01	< 10	< 10	28	< 10	26
2DS 0184	201	202	1	< 0.01	30	920	2	< 2	< 1	81	0.01	< 10	< 10	39	< 10	660
2DS 0185	201	202	< 1	< 0.01	16	870	< 2	< 2	< 1	75	0.01	< 10	< 10	6	< 10	100
2DS 0186	201	202	4	< 0.01	77	1040	12	2	5	58	0.05	< 10	< 10	68	< 10	634
2DS 0187	201	202	1	< 0.01	21	640	6	< 2	4	27	0.03	< 10	< 10	30	< 10	100
2DS 0188	201	202	4	< 0.01	56	940	16	2	5	43	0.04	< 10	< 10	58	< 10	410
2DS 0189	201	202	3	< 0.01	65	1030	12	< 2	5	61	0.03	< 10	< 10	55	< 10	682
2DS 0190	201	202	1	< 0.01	42	290	14	< 2	7	30	< 0.01	< 10	< 10	14	< 10	84
2DS 0191	201	202	5	< 0.01	76	1340	16	2	4	70	0.01	< 10	< 10	59	< 10	786
2DS 0192	201	202	6	< 0.01	93	1200	14	2	4	76	0.01	< 10	< 10	57	< 10	838
2DS 0193	201	202	4	< 0.01	71	1690	18	< 2	11	73	0.13	< 10	10	154	< 10	80
2DS 0194	201	202	2	< 0.01	28	1150	6	< 2	3	94	0.04	< 10	10	48	< 10	90
2DS 0195	201	202	3	< 0.01	47	1150	18	< 2	7	71	0.06	< 10	< 10	78	< 10	86
2DS 0196	201	202	4	< 0.01	63	1610	18	< 2	10	71	0.11	< 10	< 10	140	< 10	78
2DS 0197	201	202	6	< 0.01	81	1110	12	< 2	4	61	0.02	< 10	< 10	47	< 10	832
2DS 0198	201	202	4	< 0.01	46	1120	8	< 2	7	73	0.11	< 10	< 10	71	< 10	278
2DS 0199	201	202	4	< 0.01	83	1090	14	< 2	4	79	0.03	< 10	10	51	< 10	668
2DS 0200	201	202	3	< 0.01	28	720	6	< 2	3	58	0.03	< 10	< 10	44	< 10	190
2DS 0201	201	202	6	< 0.01	73	1190	14	< 2	4	71	0.03	< 10	< 10	59	< 10	640
2DS 0202	201	202	< 1	< 0.01	2	710	< 2	< 2	< 1	70	< 0.01	< 10	< 10	2	< 10	32
2DS 0203	201	202	5	< 0.01	75	1170	14	2	4	75	0.03	< 10	< 10	52	< 10	692
2DS 0204	201	202	7	< 0.01	63	1290	16	2	4	72	0.01	< 10	< 10	54	< 10	532
2DS 0205	201	202	1	< 0.01	4	690	< 2	< 2	< 1	101	< 0.01	< 10	< 10	4	< 10	18
2DS 0206	201	202	5	< 0.01	48	1370	12	< 2	4	65	0.03	< 10	< 10	55	< 10	298
2DS 0207	201	202	3	< 0.01	59	1060	12	< 2	4	78	0.02	< 10	< 10	40	< 10	540
2DS 0208	201	202	3	< 0.01	41	990	8	< 2	4	81	0.04	< 10	< 10	46	< 10	194
2DS 0209	201	202	3	< 0.01	43	1050	10	< 2	4	56	0.02	< 10	< 10	40	< 10	312
2DS 0210	201	202	2	< 0.01	37	1050	12	< 2	5	50	0.04	< 10	< 10	53	< 10	190
2DS 0211	201	202	4	< 0.01	45	1200	10	2	4	64	0.01	< 10	< 10	41	< 10	290
2DS 0212	201	202	8	< 0.01	67	2660	16	2	6	80	< 0.01	< 10	< 10	58	< 10	392
2DS 0213	201	202	3	< 0.01	43	1120	8	< 2	5	62	0.05	< 10	< 10	59	< 10	248
2DS 0214	201	202	5	< 0.01	44	1210	12	< 2	4	61	0.03	< 10	< 10	59	< 10	286
2DS 0215	201	202	3	< 0.01	44	1090	10	< 2	4	70	0.03	< 10	< 10	46	< 10	292
2DS 0216	201	202	1	< 0.01	16	220	8	< 2	2	17	0.01	< 10	< 10	35	< 10	50
2DS 0217	201	202	1	< 0.01	14	250	8	< 2	1	16	0.01	< 10	< 10	32	< 10	44
3BSS 0094	201	202	3	< 0.01	29	850	8	< 2	4	26	0.04	< 10	< 10	100	< 10	92
3DS 0109	201	202	6	< 0.01	92	2950	10	< 2	2	64	0.01	< 10	< 10	63	< 10	244

CERTIFICATION:

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To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 21-SEP-97
Invoice No. :I9742590
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9742590

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
3DS 0110	201	202	10	0.6	1.42	8	330	0.5	< 2	0.81	1.5	17	23	51	4.09	< 10	< 1	0.12	10	0.40	410
3DS 0111	201	202	< 5	0.2	1.76	< 2	240	0.5	< 2	1.03	1.0	20	31	39	3.09	< 10	< 1	0.06	10	0.58	715
3DS 0112	201	202	< 5	0.2	1.83	2	290	0.5	< 2	1.08	1.5	12	30	51	3.28	< 10	< 1	0.08	10	0.59	360
3DS 0113	201	202	< 5	0.2	1.80	2	320	0.5	< 2	1.08	2.0	17	31	51	3.79	< 10	< 1	0.09	10	0.65	405
3DS 0114	201	202	< 5	0.4	1.62	< 2	300	0.5	< 2	1.27	2.5	15	28	50	3.57	< 10	< 1	0.11	10	0.65	385
3DS 0115	201	202	< 5	0.2	1.82	< 2	300	0.5	< 2	1.33	2.5	15	34	55	3.51	< 10	< 1	0.09	10	0.83	490
3DS 0116	201	202	< 5	0.2	1.75	2	310	0.5	< 2	1.27	1.5	15	40	46	3.55	< 10	< 1	0.09	10	0.88	460
3DS 0117	201	202	< 5	< 0.2	1.68	4	300	0.5	< 2	1.20	1.0	16	42	49	3.65	< 10	< 1	0.07	10	0.93	445
3DS 0118	201	202	< 5	0.2	1.74	2	310	< 0.5	< 2	1.62	0.5	15	55	58	3.15	< 10	< 1	0.08	10	1.09	505
3DS 0119	201	202	< 5	< 0.2	1.86	< 2	320	< 0.5	< 2	1.20	0.5	19	56	48	3.52	< 10	< 1	0.08	10	1.27	540
3DS 0120	201	202	< 5	0.2	1.90	< 2	310	< 0.5	< 2	0.96	0.5	16	42	46	3.06	< 10	< 1	0.08	10	1.02	495
3DS 0121	201	202	< 5	1.6	1.59	22	330	0.5	< 2	0.89	0.5	15	46	65	3.99	< 10	< 1	0.12	20	1.05	540
3DS 0122	201	202	< 5	< 0.2	1.55	< 2	240	< 0.5	< 2	0.76	< 0.5	13	35	36	2.47	< 10	< 1	0.07	10	0.81	400
4DS 0218	201	202	< 5	1.8	1.51	22	320	0.5	< 2	0.84	0.5	14	45	64	3.77	< 10	< 1	0.11	20	0.99	510
4DS 0219	201	202	< 5	0.6	1.87	10	210	0.5	< 2	1.05	1.0	10	36	45	2.42	< 10	< 1	0.07	10	0.67	435
4DS 0228	201	202	< 5	0.4	1.10	6	560	< 0.5	< 2	1.81	2.0	6	22	45	1.82	< 10	< 1	0.07	< 10	0.56	275
4DS 0230	201	202	< 5	0.2	1.29	2	490	< 0.5	< 2	0.75	0.5	6	22	38	1.99	< 10	< 1	0.11	< 10	0.48	250
4DS 0232	201	202	< 5	0.4	1.03	2	470	< 0.5	< 2	1.42	1.5	5	21	39	1.74	< 10	< 1	0.08	< 10	0.50	245
4DS 0235	201	202	< 5	0.4	1.06	6	480	< 0.5	< 2	1.48	1.5	5	21	41	1.89	< 10	< 1	0.08	< 10	0.51	265
4DS 0236	201	202	< 5	0.2	1.25	2	470	< 0.5	< 2	0.74	0.5	6	22	36	1.87	< 10	< 1	0.11	< 10	0.46	240
4DS 0237	201	202	< 5	0.2	1.14	< 2	430	0.5	< 2	2.00	2.0	4	19	77	1.39	< 10	< 1	0.14	10	0.61	285
4DS 0240	201	202	< 5	0.2	1.56	4	530	0.5	< 2	0.90	1.5	10	24	41	2.71	< 10	< 1	0.16	10	0.62	360
4DS 0241	201	202	< 5	0.2	1.72	6	590	0.5	< 2	0.98	1.5	11	25	43	2.96	< 10	< 1	0.20	10	0.68	350
4DS 0245	201	202	< 5	0.2	1.51	2	550	0.5	< 2	0.69	1.5	10	25	46	2.63	< 10	< 1	0.15	10	0.62	340
4DS 0246	201	202	< 5	< 0.2	1.64	2	550	0.5	< 2	0.71	0.5	10	26	46	2.63	< 10	< 1	0.17	10	0.63	270
4DS 0247	201	202	< 5	< 0.2	1.71	< 2	590	0.5	< 2	0.72	1.0	9	28	45	2.58	< 10	< 1	0.21	10	0.63	310
4DS 0248	201	202	< 5	0.2	1.62	4	560	0.5	< 2	0.94	1.0	9	27	54	2.40	< 10	< 1	0.17	10	0.65	295
4DSS 0200	201	202	< 5	0.8	1.95	8	400	1.0	< 2	0.62	1.0	20	32	76	5.16	< 10	< 1	0.26	50	1.01	660
4DSS 0207	201	202	< 5	0.2	1.87	6	300	0.5	< 2	0.28	< 0.5	12	32	31	3.46	< 10	< 1	0.11	20	0.63	680
4DSS 0213	201	202	< 5	3.8	2.50	2	440	1.0	< 2	1.43	< 0.5	21	153	47	4.28	< 10	< 1	0.18	40	2.52	1085
4DSS 0216	201	202	< 5	0.6	1.54	14	250	0.5	< 2	0.82	1.0	12	33	51	3.02	< 10	< 1	0.12	20	0.72	420
4DSS 0229	201	202	< 5	0.4	1.30	10	610	< 0.5	< 2	1.11	1.5	8	25	48	2.62	< 10	< 1	0.12	10	0.52	330
4DSS 0231	201	202	< 5	0.2	1.39	6	630	< 0.5	< 2	0.91	1.0	9	23	49	2.64	< 10	< 1	0.15	10	0.54	400
4DSS 0232	201	202	< 5	0.4	1.09	2	560	< 0.5	< 2	1.72	2.0	6	23	42	1.92	< 10	< 1	0.10	< 10	0.54	305
4DSS 0234	201	202	< 5	0.4	1.15	6	550	< 0.5	< 2	1.68	2.0	5	24	42	1.87	< 10	< 1	0.11	10	0.56	270
4DSS 0239	201	202	< 5	< 0.2	2.11	12	700	0.5	< 2	0.65	2.0	22	29	59	6.56	< 10	< 1	0.34	10	0.90	1050
4DSS 0242	201	202	< 5	< 0.2	2.38	16	670	1.0	< 2	0.45	2.0	21	31	60	4.99	< 10	< 1	0.39	10	1.05	990
4DSS 0243	201	202	< 5	< 0.2	1.38	4	570	0.5	< 2	0.78	3.0	12	34	95	2.82	< 10	< 1	0.11	20	0.47	255
4DSS 0244	201	202	10	< 0.2	1.74	2	590	0.5	< 2	0.68	1.5	11	28	47	2.89	< 10	< 1	0.21	10	0.69	330
5DS 0194	201	202	< 5	< 0.2	1.70	< 2	620	0.5	< 2	1.10	0.5	6	25	31	1.88	< 10	< 1	0.15	10	0.78	205

CERTIFICATION:

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CERTIFICATE OF ANALYSIS A9742590

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
3DS 0110	201	202	5	< 0.01	69	2290	10	< 2	2	53	0.01	< 10	< 10	64	< 10	212
3DS 0111	201	202	2	< 0.01	37	1340	6	< 2	3	41	0.05	< 10	< 10	68	< 10	120
3DS 0112	201	202	4	< 0.01	52	1590	6	< 2	4	49	0.04	< 10	< 10	65	< 10	152
3DS 0113	201	202	3	< 0.01	60	1680	8	< 2	5	56	0.05	< 10	< 10	72	< 10	206
3DS 0114	201	202	3	< 0.01	58	1690	6	< 2	5	59	0.05	< 10	< 10	71	< 10	166
3DS 0115	201	202	2	< 0.01	59	1630	8	< 2	5	60	0.07	< 10	< 10	84	< 10	166
3DS 0116	201	202	3	< 0.01	48	1330	6	< 2	7	58	0.10	< 10	< 10	85	< 10	152
3DS 0117	201	202	2	< 0.01	50	1200	6	< 2	7	57	0.10	< 10	< 10	84	< 10	146
3DS 0118	201	202	1	< 0.01	52	1060	4	2	8	69	0.08	< 10	< 10	68	< 10	100
3DS 0119	201	202	1	< 0.01	60	940	4	< 2	7	52	0.12	< 10	< 10	79	< 10	100
3DS 0120	201	202	1	< 0.01	43	820	8	< 2	6	49	0.12	< 10	< 10	67	< 10	100
3DS 0121	201	202	3	< 0.01	51	1170	52	6	7	56	0.06	< 10	< 10	65	< 10	148
3DS 0122	201	202	1	< 0.01	34	660	6	< 2	5	39	0.10	< 10	< 10	54	< 10	80
4DS 0218	201	202	3	< 0.01	49	1110	52	4	7	55	0.06	< 10	< 10	62	< 10	140
4DS 0219	201	202	1	< 0.01	30	860	32	< 2	4	57	0.07	< 10	< 10	52	< 10	104
4DS 0228	201	202	1	< 0.01	46	1170	6	< 2	1	152	0.01	< 10	< 10	57	< 10	128
4DS 0230	201	202	2	< 0.01	29	1050	8	< 2	3	78	0.03	< 10	< 10	54	< 10	132
4DS 0232	201	202	2	< 0.01	41	1060	6	< 2	1	126	0.01	< 10	< 10	56	< 10	122
4DS 0235	201	202	2	< 0.01	44	1130	6	< 2	1	130	0.01	< 10	< 10	58	< 10	130
4DS 0236	201	202	1	< 0.01	29	950	6	2	3	73	0.03	< 10	< 10	51	< 10	116
4DS 0237	201	202	2	0.01	52	1430	2	< 2	4	153	0.03	< 10	10	44	< 10	154
4DS 0240	201	202	1	< 0.01	38	1050	6	< 2	4	88	0.03	< 10	< 10	55	< 10	210
4DS 0241	201	202	2	< 0.01	40	1090	8	< 2	4	97	0.03	< 10	< 10	60	< 10	228
4DS 0245	201	202	2	< 0.01	38	950	6	< 2	4	78	0.03	< 10	< 10	57	< 10	200
4DS 0246	201	202	1	< 0.01	37	970	6	< 2	4	75	0.03	< 10	< 10	59	< 10	198
4DS 0247	201	202	1	< 0.01	38	960	6	< 2	5	78	0.04	< 10	< 10	63	< 10	194
4DS 0248	201	202	1	< 0.01	38	970	6	< 2	5	93	0.04	< 10	< 10	60	< 10	186
4DSS 0200	201	202	6	< 0.01	46	1240	26	< 2	12	34	< 0.01	< 10	< 10	58	< 10	190
4DSS 0207	201	202	1	< 0.01	25	1210	12	< 2	4	24	0.05	< 10	< 10	70	< 10	102
4DSS 0213	201	202	1	< 0.01	87	1570	56	2	9	206	0.11	< 10	< 10	85	< 10	104
4DSS 0216	201	202	1	< 0.01	31	1230	22	2	5	52	0.04	< 10	< 10	52	< 10	126
4DSS 0229	201	202	3	< 0.01	42	1410	10	< 2	3	123	0.01	< 10	< 10	88	< 10	180
4DSS 0231	201	202	3	< 0.01	38	1460	10	< 2	3	100	0.02	< 10	< 10	77	< 10	176
4DSS 0232	201	202	2	0.01	46	1170	6	< 2	1	145	0.02	< 10	< 10	68	< 10	130
4DSS 0234	201	202	2	0.01	46	1180	6	< 2	2	147	0.02	< 10	< 10	70	< 10	132
4DSS 0239	201	202	5	< 0.01	66	1240	12	< 2	5	89	0.01	< 10	< 10	87	< 10	476
4DSS 0242	201	202	4	< 0.01	55	1220	14	< 2	5	76	< 0.01	< 10	< 10	93	< 10	338
4DSS 0243	201	202	1	0.01	69	1090	6	< 2	5	62	0.07	< 10	< 10	71	< 10	336
4DSS 0244	201	202	2	< 0.01	40	1000	8	< 2	4	77	0.03	< 10	< 10	63	< 10	214
5DS 0194	201	202	< 1	< 0.01	17	810	2	< 2	5	61	0.03	< 10	< 10	39	< 10	88

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 21-SEP-97
Invoice No. : I9742590
P.O. Number :
Account : PHY

CERTIFICATE OF ANALYSIS A9742590

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
5DS 0195	201	202	< 5	0.2	2.19	< 2	750	0.5	< 2	0.98	0.5	8	32	36	2.31	< 10	< 1	0.16	10	1.02	225
5DS 0196	201	202	< 5	0.2	1.97	< 2	690	0.5	< 2	0.93	< 0.5	8	28	33	2.20	< 10	< 1	0.12	10	0.96	195
5DS 0197	201	202	< 5	< 0.2	2.00	< 2	740	0.5	< 2	0.66	< 0.5	8	28	26	2.55	< 10	< 1	0.10	10	1.16	185
5DS 0198	201	202	< 5	0.4	1.59	< 2	710	0.5	< 2	1.84	0.5	8	22	45	1.85	< 10	< 1	0.07	10	0.78	635
5DS 0199	201	202	< 5	0.2	1.77	< 2	580	0.5	< 2	0.98	0.5	9	22	31	2.24	< 10	< 1	0.14	10	0.95	575
5DS 0200	201	202	< 5	< 0.2	2.21	< 2	680	0.5	< 2	0.75	< 0.5	11	28	29	2.89	< 10	< 1	0.15	10	1.31	400
5DS 0201	201	202	< 5	0.2	1.86	< 2	680	0.5	< 2	1.67	0.5	7	25	50	2.03	< 10	< 1	0.16	10	0.89	270
5DS 0202	201	202	< 5	0.2	2.23	< 2	700	0.5	< 2	0.98	< 0.5	8	28	30	2.42	< 10	< 1	0.24	10	1.18	175
5DS 0203	201	202	< 5	< 0.2	2.01	< 2	610	0.5	< 2	1.22	0.5	8	27	37	2.21	< 10	< 1	0.21	10	0.98	245
5DS 0204	201	202	< 5	0.2	1.77	6	740	0.5	< 2	0.70	< 0.5	10	26	41	2.60	< 10	< 1	0.16	10	0.79	570
5DS 0205	201	202	< 5	< 0.2	2.30	< 2	640	0.5	< 2	0.70	0.5	11	29	30	3.05	< 10	< 1	0.22	10	1.22	770
5DS 0206	201	202	< 5	0.2	1.98	< 2	650	0.5	< 2	1.00	< 0.5	8	27	30	2.19	< 10	< 1	0.17	10	0.96	805
5DS 0207	201	202	< 5	< 0.2	1.90	< 2	560	0.5	< 2	0.94	< 0.5	8	26	29	2.01	< 10	< 1	0.15	10	0.95	295
5DS 0208	201	202	< 5	< 0.2	2.06	< 2	650	0.5	< 2	0.86	< 0.5	8	28	27	2.10	< 10	< 1	0.18	10	1.01	255
5DS 0209	201	202	< 5	< 0.2	2.20	< 2	650	0.5	< 2	0.78	< 0.5	9	29	27	2.38	< 10	< 1	0.21	10	1.10	350
5DS 0210	201	202	< 5	< 0.2	1.79	< 2	480	0.5	< 2	1.36	< 0.5	8	24	30	2.00	< 10	< 1	0.15	10	0.88	335
5DS 0211	201	202	< 5	< 0.2	1.77	< 2	500	0.5	< 2	1.05	< 0.5	8	25	34	2.13	< 10	< 1	0.14	10	0.89	385
5DS 0212	201	202	< 5	< 0.2	1.72	< 2	480	0.5	< 2	1.16	< 0.5	8	24	33	2.07	< 10	< 1	0.11	10	0.89	385
5DS 0213	201	202	< 5	0.2	1.30	2	440	0.5	< 2	1.46	0.5	7	20	43	2.15	< 10	< 1	0.09	10	0.71	495
5DS 0214	201	202	< 5	< 0.2	1.09	< 2	410	0.5	< 2	0.95	2.0	8	17	26	2.35	< 10	< 1	0.08	10	0.56	595
5DS 0215	201	202	< 5	0.2	1.39	< 2	510	0.5	< 2	0.93	3.0	10	20	26	2.73	< 10	< 1	0.14	10	0.65	1105
5DS 0216	201	202	< 5	< 0.2	1.51	< 2	550	0.5	< 2	0.96	2.5	10	22	28	2.74	< 10	< 1	0.17	10	0.69	790
5DS 0217	201	202	20	< 0.2	2.09	< 2	740	0.5	< 2	0.86	< 0.5	8	28	26	2.32	< 10	< 1	0.20	10	1.10	250
5DS 0219	201	202	< 5	< 0.2	2.00	< 2	690	0.5	< 2	0.88	< 0.5	8	26	26	2.43	< 10	< 1	0.16	20	1.13	285
5DS 0220	201	202	< 5	< 0.2	2.12	< 2	670	0.5	< 2	1.17	< 0.5	8	28	36	2.35	< 10	< 1	0.22	20	1.09	305
5DS 0221	201	202	< 5	< 0.2	1.94	< 2	730	0.5	< 2	0.82	< 0.5	8	26	29	2.19	< 10	< 1	0.16	20	1.07	215
5DS 0222	201	202	10	< 0.2	2.18	< 2	780	0.5	< 2	0.80	< 0.5	7	29	28	2.19	< 10	< 1	0.25	20	1.10	140
5DS 0223	201	202	< 5	< 0.2	2.02	< 2	990	0.5	< 2	1.39	0.5	8	29	32	2.14	< 10	< 1	0.16	20	0.91	350
5DS 0224	201	202	< 5	0.2	1.81	< 2	620	0.5	< 2	1.50	0.5	7	25	32	1.98	< 10	< 1	0.14	20	0.95	230
5DS 0225	201	202	< 5	< 0.2	1.98	< 2	750	0.5	< 2	0.77	< 0.5	9	28	26	2.46	< 10	< 1	0.16	20	1.11	135
#9 0239	201	202	< 5	0.2	1.97	2	280	0.5	< 2	0.96	2.5	25	27	50	5.52	< 10	< 1	0.08	10	1.01	970
#9 0240	201	202	< 5	0.4	1.77	4	270	0.5	< 2	0.94	3.0	21	25	49	4.94	< 10	< 1	0.10	10	0.97	1155
#9 0243	201	202	< 5	< 0.2	1.72	6	290	0.5	< 2	0.85	2.0	22	33	53	4.71	< 10	< 1	0.12	10	0.88	875
#9 0244	201	202	< 5	0.2	2.07	< 2	350	0.5	< 2	1.12	2.0	24	39	59	5.67	< 10	< 1	0.11	10	1.11	965
#9 0248	201	202	< 5	0.2	2.45	6	370	0.5	< 2	0.99	3.0	33	58	64	6.09	< 10	< 1	0.10	10	1.32	1175
#9 0249	201	202	< 5	0.2	2.33	4	400	0.5	< 2	1.04	2.5	36	56	56	5.54	< 10	< 1	0.11	10	1.27	1125
#9 0250	201	202	< 5	< 0.2	2.20	6	270	0.5	< 2	1.17	< 0.5	20	56	44	4.25	< 10	< 1	0.10	10	1.18	740
#9 0252	201	202	< 5	< 0.2	1.83	2	260	< 0.5	< 2	1.39	0.5	15	39	37	3.40	< 10	< 1	0.09	10	0.91	520
#9 0255	201	202	not/ss	0.2	2.39	2	270	0.5	< 2	1.08	0.5	27	71	51	5.32	< 10	< 1	0.10	10	1.48	960
#9 0256	201	202	< 5	0.2	2.37	26	260	0.5	< 2	1.13	1.0	23	54	51	5.19	< 10	< 1	0.11	10	1.34	705

CERTIFICATION:

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To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 21-SEP-97
Invoice No. :I9742590
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9742590

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
5DS 0195	201	202	1	< 0.01	23	990	6	< 2	6	62	0.03	< 10	< 10	44	< 10	104
5DS 0196	201	202	1	< 0.01	21	940	6	< 2	5	57	0.02	< 10	< 10	39	< 10	98
5DS 0197	201	202	1	< 0.01	23	920	6	< 2	4	44	0.01	< 10	< 10	39	< 10	114
5DS 0198	201	202	1	< 0.01	21	1160	8	< 2	4	81	< 0.01	< 10	< 10	28	< 10	92
5DS 0199	201	202	2	< 0.01	22	960	8	< 2	4	49	< 0.01	< 10	< 10	41	< 10	116
5DS 0200	201	202	1	< 0.01	24	860	10	< 2	5	41	< 0.01	< 10	< 10	35	< 10	98
5DS 0201	201	202	1	< 0.01	22	1050	8	< 2	5	85	0.01	< 10	< 10	37	< 10	100
5DS 0202	201	202	1	< 0.01	22	930	8	< 2	5	55	0.01	< 10	< 10	47	< 10	110
5DS 0203	201	202	1	< 0.01	22	970	6	< 2	5	71	0.01	< 10	< 10	41	< 10	98
5DS 0204	201	202	1	< 0.01	23	910	8	< 2	5	61	0.04	< 10	< 10	45	< 10	88
5DS 0205	201	202	1	< 0.01	25	890	10	< 2	5	66	0.01	< 10	< 10	48	< 10	112
5DS 0206	201	202	1	< 0.01	21	810	6	< 2	5	85	0.02	< 10	< 10	38	< 10	90
5DS 0207	201	202	1	< 0.01	20	800	6	< 2	5	76	0.02	< 10	< 10	34	< 10	88
5DS 0208	201	202	< 1	< 0.01	21	830	6	< 2	5	73	0.02	< 10	< 10	39	< 10	94
5DS 0209	201	202	< 1	< 0.01	22	820	6	< 2	5	67	0.02	< 10	< 10	41	< 10	98
5DS 0210	201	202	< 1	< 0.01	20	820	6	< 2	5	101	0.01	< 10	< 10	28	< 10	82
5DS 0211	201	202	1	< 0.01	21	820	6	< 2	5	88	0.01	< 10	< 10	31	< 10	86
5DS 0212	201	202	< 1	< 0.01	20	810	8	< 2	5	92	0.01	< 10	< 10	29	< 10	84
5DS 0213	201	202	3	< 0.01	22	930	10	< 2	4	118	< 0.01	< 10	< 10	25	< 10	96
5DS 0214	201	202	2	< 0.01	34	870	8	< 2	3	82	< 0.01	< 10	< 10	33	< 10	224
5DS 0215	201	202	3	< 0.01	38	980	10	< 2	4	88	< 0.01	< 10	< 10	44	< 10	300
5DS 0216	201	202	3	< 0.01	37	970	10	< 2	4	93	< 0.01	< 10	< 10	48	< 10	298
5DS 0217	201	202	< 1	< 0.01	21	710	6	< 2	5	60	0.01	< 10	< 10	40	< 10	88
5DS 0219	201	202	< 1	< 0.01	21	760	6	< 2	4	58	0.01	< 10	< 10	36	< 10	90
5DS 0220	201	202	1	< 0.01	22	790	8	< 2	5	76	0.01	< 10	< 10	40	< 10	88
5DS 0221	201	202	< 1	< 0.01	21	710	8	< 2	5	59	0.01	< 10	< 10	38	< 10	90
5DS 0222	201	202	1	< 0.01	22	710	6	< 2	5	55	0.02	< 10	< 10	44	< 10	90
5DS 0223	201	202	1	< 0.01	20	840	6	< 2	5	76	0.02	< 10	< 10	40	< 10	84
5DS 0224	201	202	< 1	< 0.01	20	870	6	< 2	5	81	0.01	< 10	< 10	31	< 10	78
5DS 0225	201	202	< 1	< 0.01	23	680	8	< 2	5	49	0.01	< 10	< 10	32	< 10	78
#9 0239	201	202	4	< 0.01	47	1420	8	< 2	6	46	0.17	< 10	< 10	94	< 10	198
#9 0240	201	202	4	< 0.01	49	1310	10	< 2	6	45	0.12	< 10	< 10	84	< 10	200
#9 0243	201	202	4	< 0.01	50	1280	10	2	7	48	0.13	< 10	< 10	77	< 10	196
#9 0244	201	202	5	< 0.01	55	1350	12	< 2	7	51	0.19	< 10	< 10	95	< 10	200
#9 0248	201	202	4	< 0.01	75	1340	8	< 2	8	42	0.16	< 10	< 10	137	< 10	322
#9 0249	201	202	4	< 0.01	67	1510	10	< 2	8	47	0.13	< 10	< 10	127	< 10	260
#9 0250	201	202	3	< 0.01	44	1040	6	< 2	8	40	0.14	< 10	< 10	94	< 10	122
#9 0252	201	202	2	< 0.01	34	1050	6	< 2	6	42	0.09	< 10	< 10	69	< 10	98
#9 0255	201	202	1	< 0.01	57	1170	8	< 2	9	32	0.17	< 10	< 10	118	< 10	124
#9 0256	201	202	4	< 0.01	50	1210	10	< 2	9	36	0.14	< 10	< 10	113	< 10	146

CERTIFICATION:

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To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

CERTIFICATE OF ANALYSIS A9742590

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
#9 0258	201	202	< 5	0.2	2.01	6	260	< 0.5	< 2	0.85	0.5	15	41	37	3.69	< 10	< 1	0.10	20	0.78	540
#9 0259	201	202	310	0.2	2.22	8	280	< 0.5	< 2	0.88	0.5	20	44	46	4.51	< 10	< 1	0.11	20	1.02	750
9DS 0236	201	202	< 5	0.2	1.73	12	330	0.5	< 2	0.72	10.0	29	20	58	5.35	< 10	< 1	0.12	20	0.71	1320
9DS 0237	201	202	< 5	< 0.2	1.59	8	290	0.5	< 2	0.76	4.0	21	20	48	4.93	< 10	< 1	0.10	10	0.68	860
9DS 0238	201	202	< 5	0.2	1.51	8	270	0.5	< 2	0.76	9.5	22	20	58	4.66	< 10	< 1	0.12	10	0.63	980
9DS 0242	201	202	< 5	0.2	1.70	2	260	0.5	< 2	0.83	3.5	21	23	53	4.93	< 10	< 1	0.09	10	0.80	735
9DS 0245	201	202	not/ss	0.2	1.94	6	280	0.5	< 2	1.09	2.0	20	34	50	4.26	< 10	< 1	0.09	10	1.04	735
9DS 0246	201	202	< 5	< 0.2	1.82	2	260	< 0.5	< 2	0.92	1.5	17	42	38	3.60	< 10	< 1	0.07	10	0.87	525
9DS 0247	201	202	< 5	0.2	1.94	2	290	0.5	< 2	0.94	1.5	22	46	47	4.48	< 10	< 1	0.08	10	1.01	695
9DS 0251	201	202	< 5	< 0.2	1.86	10	250	< 0.5	< 2	0.92	< 0.5	14	40	35	3.45	< 10	< 1	0.07	10	0.93	490
9DS 0253	201	202	< 5	0.2	2.08	4	280	< 0.5	< 2	1.10	0.5	16	48	44	4.20	< 10	< 1	0.09	20	1.04	505
9DS 0260	201	202	< 5	0.2	2.09	8	280	0.5	< 2	0.80	0.5	16	43	42	4.23	< 10	< 1	0.10	20	0.82	555
9DSS 0233	201	202	< 5	< 0.2	1.76	8	300	0.5	< 2	0.20	< 0.5	9	28	25	3.17	< 10	< 1	0.12	10	0.47	475
9DSS 0234	201	202	< 5	0.2	1.75	8	420	0.5	< 2	0.56	< 0.5	11	26	38	3.18	< 10	< 1	0.13	20	0.59	530
9DSS 0235	201	202	10	0.2	1.55	8	260	< 0.5	< 2	0.42	0.5	12	25	27	2.51	< 10	< 1	0.11	10	0.50	450
9DSS 0254	201	202	< 5	< 0.2	2.06	2	270	< 0.5	< 2	0.98	< 0.5	15	43	43	3.69	< 10	< 1	0.09	10	0.99	490
10DS 0143	201	202	< 5	1.8	1.09	2	810	0.5	< 2	2.84	2.0	9	14	78	1.27	< 10	< 1	0.11	10	0.58	1925
10DS 0144	201	202	10	0.6	1.45	< 2	820	0.5	< 2	2.16	< 0.5	7	18	64	1.43	< 10	< 1	0.11	20	0.84	260
10DS 0145	201	202	< 5	0.4	1.46	< 2	590	0.5	< 2	1.75	0.5	5	19	52	1.57	< 10	< 1	0.12	10	0.86	135
10DS 0146	201	202	< 5	0.6	1.74	< 2	550	0.5	< 2	0.73	< 0.5	8	24	34	2.38	< 10	< 1	0.15	20	1.04	255
10DS 0147	201	202	< 5	0.2	1.58	6	510	0.5	< 2	1.37	< 0.5	8	21	38	1.88	< 10	< 1	0.11	10	0.89	335
10DS 0148	201	202	65	0.2	2.03	10	390	0.5	< 2	0.88	< 0.5	12	26	57	3.11	< 10	1	0.14	20	0.96	405
10DS 0149	201	202	< 5	0.2	1.76	< 2	510	0.5	< 2	1.13	< 0.5	9	23	44	2.16	< 10	< 1	0.17	20	1.13	275
10DS 0150	201	202	< 5	0.2	1.84	4	600	0.5	< 2	1.24	< 0.5	9	25	48	2.07	< 10	< 1	0.20	20	1.05	275
10DS 0151	201	202	< 5	< 0.2	1.97	2	700	0.5	< 2	0.72	< 0.5	8	26	27	2.23	< 10	< 1	0.23	20	1.21	180
10DS 0152	201	202	< 5	0.2	2.15	2	620	0.5	< 2	0.95	< 0.5	10	28	41	2.61	< 10	< 1	0.27	20	1.25	290
10DS 0153	201	202	< 5	0.2	1.64	< 2	520	0.5	< 2	1.34	< 0.5	7	23	36	1.79	< 10	1	0.17	10	0.92	185
10DS 0154	201	202	< 5	0.2	1.55	< 2	410	0.5	< 2	0.79	< 0.5	8	22	30	1.99	< 10	< 1	0.13	20	0.82	285
10DS 0155	201	202	< 5	< 0.2	1.82	6	550	0.5	< 2	0.95	< 0.5	8	25	32	2.05	< 10	< 1	0.19	10	1.18	250
10DS 0156	201	202	10	< 0.2	1.84	< 2	560	0.5	< 2	0.78	< 0.5	9	25	30	2.19	< 10	< 1	0.20	20	1.15	275
10DS 0157	201	202	< 5	< 0.2	2.08	4	660	0.5	< 2	0.67	< 0.5	10	27	30	2.56	< 10	< 1	0.27	20	1.29	290
10DS 0158	201	202	< 5	< 0.2	2.21	8	780	0.5	< 2	0.92	< 0.5	10	29	37	2.63	< 10	< 1	0.29	20	1.30	280
10DS 0159	201	202	< 5	< 0.2	2.22	6	550	0.5	< 2	0.84	< 0.5	10	29	36	2.72	< 10	< 1	0.31	20	1.31	330
10DS 0160	201	202	< 5	< 0.2	2.04	< 2	560	0.5	< 2	1.05	< 0.5	8	27	35	2.18	< 10	< 1	0.28	20	1.14	260
10DS 0161	201	202	< 5	< 0.2	2.47	8	560	0.5	< 2	0.76	< 0.5	12	32	39	3.14	< 10	< 1	0.40	30	1.45	420
10DS 0162	201	202	< 5	0.2	2.13	< 2	600	0.5	< 2	1.20	< 0.5	10	28	42	2.29	< 10	< 1	0.27	20	1.21	355
10DS 0163	201	202	< 5	< 0.2	1.94	< 2	570	0.5	< 2	0.68	< 0.5	8	25	26	2.16	< 10	< 1	0.24	20	1.17	130
10DS 0164	201	202	< 5	< 0.2	2.05	2	490	0.5	< 2	0.78	< 0.5	10	28	37	2.71	< 10	< 1	0.26	20	1.27	310
10DS 0165	201	202	< 5	< 0.2	1.56	2	360	< 0.5	< 2	0.88	< 0.5	7	21	18	1.70	< 10	< 1	0.16	10	0.78	190
10DS 0166	201	202	< 5	< 0.2	1.66	2	420	< 0.5	< 2	1.18	< 0.5	8	23	25	1.89	< 10	< 1	0.17	10	0.85	255

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. ~*

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 21-SEP-97
Invoice No. :I9742590
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9742590

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
#9 0258	201	202	1	< 0.01	35	1040	6	< 2	5	34	0.06	< 10	< 10	79	< 10	122
#9 0259	201	202	3	< 0.01	41	1110	8	< 2	6	33	0.09	< 10	< 10	98	< 10	142
9DS 0236	201	202	5	< 0.01	73	1600	10	< 2	5	66	0.08	< 10	< 10	71	< 10	252
9DS 0237	201	202	4	< 0.01	49	1310	8	< 2	5	46	0.08	< 10	< 10	74	< 10	170
9DS 0238	201	202	4	< 0.01	54	1420	10	< 2	4	48	0.05	< 10	< 10	61	< 10	220
9DS 0242	201	202	4	< 0.01	47	1260	10	< 2	5	53	0.10	< 10	< 10	72	< 10	212
9DS 0245	201	202	1	< 0.01	47	1230	8	< 2	6	50	0.16	< 10	< 10	85	< 10	168
9DS 0246	201	202	2	< 0.01	42	990	6	< 2	5	40	0.11	< 10	< 10	85	< 10	166
9DS 0247	201	202	2	< 0.01	50	1150	4	< 2	6	42	0.10	< 10	< 10	101	< 10	192
9DS 0251	201	202	< 1	< 0.01	35	920	8	< 2	6	34	0.12	< 10	< 10	77	< 10	102
9DS 0253	201	202	1	< 0.01	40	1090	6	< 2	7	41	0.09	< 10	< 10	85	< 10	122
9DS 0260	201	202	1	< 0.01	38	1110	10	< 2	6	34	0.06	< 10	< 10	87	< 10	140
9DSS 0233	201	202	3	< 0.01	19	1240	10	< 2	< 1	32	0.01	< 10	< 10	61	< 10	90
9DSS 0234	201	202	2	< 0.01	25	1160	12	< 2	3	46	0.01	< 10	< 10	41	< 10	108
9DSS 0235	201	202	1	< 0.01	30	1100	10	2	2	42	0.02	< 10	< 10	41	< 10	130
9DSS 0254	201	202	< 1	< 0.01	36	1000	6	< 2	6	37	0.09	< 10	< 10	76	< 10	108
10DS 0143	201	202	5	< 0.01	27	1450	6	< 2	2	155	< 0.01	< 10	< 10	36	< 10	110
10DS 0144	201	202	1	< 0.01	22	1130	6	< 2	4	118	0.01	< 10	< 10	35	< 10	82
10DS 0145	201	202	1	< 0.01	22	970	2	< 2	4	98	0.01	< 10	< 10	31	< 10	90
10DS 0146	201	202	1	< 0.01	22	870	6	< 2	5	54	0.02	< 10	< 10	38	< 10	90
10DS 0147	201	202	1	< 0.01	21	820	6	< 2	5	88	0.01	< 10	< 10	31	< 10	76
10DS 0148	201	202	2	< 0.01	29	690	10	< 2	6	69	< 0.01	< 10	< 10	40	< 10	106
10DS 0149	201	202	1	< 0.01	24	990	6	< 2	4	84	< 0.01	< 10	< 10	45	< 10	112
10DS 0150	201	202	< 1	< 0.01	24	960	6	< 2	5	91	0.01	< 10	< 10	44	< 10	106
10DS 0151	201	202	< 1	< 0.01	22	970	6	< 2	4	59	0.01	< 10	< 10	44	< 10	112
10DS 0152	201	202	2	< 0.01	26	990	8	< 2	5	74	0.01	< 10	< 10	51	< 10	122
10DS 0153	201	202	< 1	< 0.01	20	850	6	< 2	4	88	0.02	< 10	< 10	38	< 10	92
10DS 0154	201	202	< 1	< 0.01	19	760	6	< 2	5	60	0.01	< 10	< 10	34	< 10	86
10DS 0155	201	202	1	< 0.01	21	860	6	< 2	4	69	0.01	< 10	< 10	44	< 10	118
10DS 0156	201	202	1	< 0.01	22	840	4	< 2	4	62	0.01	< 10	< 10	42	< 10	106
10DS 0157	201	202	1	< 0.01	23	950	6	< 2	4	59	0.01	< 10	< 10	51	< 10	130
10DS 0158	201	202	1	< 0.01	24	870	8	< 2	5	71	0.01	< 10	< 10	53	< 10	148
10DS 0159	201	202	2	< 0.01	24	950	6	< 2	5	67	0.01	< 10	< 10	55	< 10	120
10DS 0160	201	202	1	< 0.01	22	970	6	< 2	5	74	0.01	< 10	< 10	48	< 10	122
10DS 0161	201	202	2	< 0.01	26	1060	8	< 2	5	65	0.01	< 10	< 10	63	< 10	170
10DS 0162	201	202	1	< 0.01	25	1000	6	< 2	5	85	0.01	< 10	< 10	44	< 10	112
10DS 0163	201	202	< 1	< 0.01	21	870	8	< 2	4	55	0.01	< 10	< 10	43	< 10	100
10DS 0164	201	202	2	< 0.01	25	950	10	< 2	5	66	0.01	< 10	< 10	50	< 10	130
10DS 0165	201	202	< 1	< 0.01	17	670	2	< 2	4	71	0.02	< 10	< 10	33	< 10	92
10DS 0166	201	202	1	< 0.01	19	770	6	< 2	4	90	0.02	< 10	< 10	35	< 10	102

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 21-SEP-97
Invoice No. : I9742590
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9742590

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
10DS 0167	201	202	< 5	0.2	1.82	< 2	460	0.5	< 2	1.40	< 0.5	9	25	34	2.28	< 10	< 1	0.22	10	0.96	360
10DS 0168	201	202	< 5	< 0.2	1.72	< 2	420	0.5	< 2	0.98	< 0.5	8	23	25	1.93	< 10	< 1	0.20	10	0.85	285
10DS 0169	201	202	< 5	< 0.2	2.00	6	460	0.5	< 2	0.62	< 0.5	11	26	21	2.72	< 10	< 1	0.27	10	1.06	235
10DS 0170	201	202	< 5	0.2	2.02	14	590	0.5	< 2	0.71	2.0	16	29	48	3.80	< 10	1	0.31	10	1.01	830
10DS 0171	201	202	< 5	0.2	1.81	8	590	0.5	< 2	0.80	2.0	12	28	47	3.16	< 10	< 1	0.23	10	0.89	525
10DS 0172	201	202	5	0.2	1.92	12	980	0.5	< 2	0.82	3.5	17	28	64	4.61	< 10	< 1	0.33	10	0.90	805
10DS 0173	201	202	10	0.4	2.02	14	1040	0.5	< 2	0.90	3.5	16	32	85	4.28	< 10	< 1	0.36	10	0.84	940
10DS 0174	201	202	< 5	0.2	2.36	8	1360	1.0	< 2	1.03	5.0	18	33	72	4.42	< 10	< 1	0.47	10	1.12	1395
10DS 0175	201	202	< 5	0.2	2.41	18	1340	1.0	< 2	0.84	5.0	20	36	73	4.91	< 10	< 1	0.49	10	1.06	1215
10DS 0176	201	202	< 5	< 0.2	1.97	14	540	0.5	< 2	0.53	0.5	19	71	63	5.03	< 10	< 1	0.21	20	0.94	660
10DS 0177	201	202	10	0.2	1.78	8	310	0.5	< 2	1.12	0.5	11	41	42	3.26	< 10	< 1	0.10	20	0.67	475
10DS 0178	201	202	< 5	0.2	1.96	10	320	< 0.5	< 2	1.04	< 0.5	13	49	38	3.21	< 10	< 1	0.08	10	0.75	435
10DS 0179	201	202	< 5	0.2	2.16	< 2	480	0.5	< 2	1.21	< 0.5	21	73	73	4.76	< 10	1	0.12	20	1.29	835
10DS 0180	201	202	< 5	0.2	2.69	12	600	0.5	< 2	0.90	< 0.5	26	86	75	6.01	< 10	< 1	0.14	20	1.73	855
10DS 0181	201	202	< 5	0.2	2.38	6	540	0.5	< 2	1.27	< 0.5	25	87	71	5.32	< 10	< 1	0.13	20	1.55	780
10DS 0182	201	202	< 5	0.2	1.39	2	320	< 0.5	< 2	2.04	1.0	10	46	48	2.37	< 10	< 1	0.06	10	0.69	370
10DS 0183	201	202	< 5	0.2	1.74	6	390	< 0.5	< 2	1.19	< 0.5	14	58	49	3.47	< 10	< 1	0.07	10	0.95	455
10DS 0184	201	202	< 5	0.2	1.83	8	380	< 0.5	< 2	1.26	< 0.5	11	52	42	3.11	< 10	< 1	0.06	10	0.80	290
10DS 0185	201	202	< 5	0.2	1.70	4	270	< 0.5	< 2	0.65	< 0.5	11	39	30	2.76	< 10	< 1	0.06	10	0.62	470
10DS 0186	201	202	< 5	0.2	1.75	6	390	< 0.5	< 2	1.53	0.5	10	57	41	2.86	< 10	< 1	0.06	10	0.81	330
10DS 0187	201	202	< 5	0.2	1.76	6	550	< 0.5	< 2	1.30	< 0.5	11	68	44	3.06	< 10	< 1	0.07	10	0.74	410
10DS 0188	201	202	< 5	0.2	1.90	6	440	< 0.5	< 2	0.99	< 0.5	12	60	42	3.15	< 10	< 1	0.07	10	0.92	390
10DS 0189	201	202	< 5	0.2	1.90	6	360	< 0.5	< 2	0.90	< 0.5	12	52	43	3.41	< 10	< 1	0.07	10	0.76	450
10DS 0190	201	202	< 5	0.2	1.95	6	300	< 0.5	< 2	0.93	< 0.5	9	47	38	2.86	< 10	< 1	0.06	10	0.69	375
10DS 0191	201	202	< 5	< 0.2	1.26	< 2	380	< 0.5	< 2	1.99	< 0.5	9	49	39	2.14	< 10	< 1	0.06	10	0.79	225
10DS 0192	201	202	< 5	0.2	1.07	< 2	380	< 0.5	< 2	2.68	0.5	7	38	43	1.69	< 10	< 1	0.06	< 10	0.66	485
10DS 0193	201	202	< 5	< 0.2	1.67	14	570	0.5	< 2	0.58	0.5	23	83	69	4.59	< 10	1	0.15	10	1.08	690
10DS 0194	201	202	< 5	0.2	1.58	< 2	610	< 0.5	< 2	1.87	0.5	9	54	40	2.35	< 10	< 1	0.11	10	0.92	245
10DS 0195	201	202	< 5	< 0.2	1.87	4	610	0.5	< 2	1.10	< 0.5	15	63	43	3.44	< 10	< 1	0.13	10	1.11	460
10DS 0196	201	202	< 5	< 0.2	1.72	8	590	0.5	< 2	1.07	0.5	17	60	46	3.57	< 10	< 1	0.13	10	1.11	475
10DS 0197	201	202	< 5	< 0.2	1.87	6	550	0.5	< 2	0.68	0.5	19	63	51	4.24	< 10	< 1	0.13	10	1.23	605
10DS 0198	201	202	< 5	< 0.2	1.91	6	610	0.5	< 2	0.90	0.5	19	68	51	4.24	< 10	< 1	0.12	10	1.24	480
10DS 0199	201	202	< 5	< 0.2	1.93	6	640	0.5	< 2	0.77	0.5	19	79	52	4.11	< 10	< 1	0.12	10	1.38	500
10DS 0200	201	202	< 5	< 0.2	1.65	4	570	0.5	< 2	1.17	< 0.5	14	52	37	3.32	< 10	< 1	0.11	10	1.00	465
10DS 0201	201	202	< 5	< 0.2	1.90	2	630	0.5	< 2	1.09	< 0.5	18	49	37	4.10	< 10	< 1	0.19	20	1.11	605
10DS 0202	201	202	< 5	0.2	1.66	< 2	520	< 0.5	< 2	1.16	< 0.5	12	49	34	2.81	< 10	< 1	0.11	10	0.92	300
10DS 0203	201	202	< 5	< 0.2	1.86	< 2	370	< 0.5	< 2	0.67	< 0.5	12	44	35	2.89	< 10	< 1	0.10	20	0.70	395
10DS 0204	201	202	< 5	< 0.2	1.79	< 2	550	0.5	< 2	0.92	< 0.5	13	48	34	3.21	< 10	< 1	0.13	20	0.91	370
10DS 0205	201	202	< 5	< 0.2	1.74	8	440	0.5	< 2	1.36	0.5	15	41	37	3.55	< 10	< 1	0.16	20	0.94	570
10DS 0206	201	202	< 5	< 0.2	1.86	8	440	0.5	< 2	0.83	< 0.5	16	43	37	3.99	< 10	< 1	0.17	20	0.98	545

CERTIFICATION: _____

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CERTIFICATE OF ANALYSIS A9742590

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
10DS 0167	201	202	1	< 0.01	22	850	8	< 2	5	106	0.01	< 10	< 10	41	< 10	120
10DS 0168	201	202	< 1	< 0.01	20	670	6	< 2	4	78	0.01	< 10	< 10	34	< 10	90
10DS 0169	201	202	1	< 0.01	23	780	10	< 2	4	55	0.01	< 10	< 10	42	< 10	108
10DS 0170	201	202	4	< 0.01	55	1380	10	< 2	4	90	0.01	< 10	< 10	94	< 10	486
10DS 0171	201	202	4	< 0.01	49	1210	10	< 2	4	99	0.01	< 10	< 10	82	< 10	458
10DS 0172	201	202	8	< 0.01	72	1510	12	< 2	5	125	0.01	< 10	< 10	94	< 10	720
10DS 0173	201	202	7	< 0.01	84	1820	10	< 2	6	139	0.01	< 10	< 10	109	< 10	742
10DS 0174	201	202	7	< 0.01	85	1620	10	< 2	6	145	< 0.01	< 10	< 10	113	< 10	958
10DS 0175	201	202	7	< 0.01	104	1580	12	< 2	5	126	< 0.01	< 10	< 10	123	< 10	1075
10DS 0176	201	202	1	< 0.01	60	750	12	2	6	33	0.06	< 10	< 10	78	< 10	198
10DS 0177	201	202	< 1	< 0.01	37	920	8	< 2	4	50	0.05	< 10	< 10	62	< 10	132
10DS 0178	201	202	1	< 0.01	34	970	6	< 2	4	47	0.06	< 10	< 10	78	< 10	110
10DS 0179	201	202	1	< 0.01	66	1020	8	< 2	7	50	0.09	< 10	< 10	92	< 10	166
10DS 0180	201	202	1	< 0.01	80	880	10	< 2	8	39	0.15	< 10	< 10	119	< 10	194
10DS 0181	201	202	2	< 0.01	80	1070	8	< 2	8	51	0.10	< 10	< 10	105	< 10	220
10DS 0182	201	202	1	< 0.01	41	1020	6	< 2	3	71	0.04	< 10	< 10	46	< 10	108
10DS 0183	201	202	1	< 0.01	48	790	8	< 2	5	48	0.06	< 10	< 10	65	< 10	110
10DS 0184	201	202	1	< 0.01	39	820	6	< 2	5	53	0.06	< 10	< 10	59	< 10	88
10DS 0185	201	202	1	< 0.01	27	750	6	< 2	4	34	0.05	< 10	< 10	52	< 10	84
10DS 0186	201	202	1	< 0.01	37	950	4	< 2	4	69	0.05	< 10	< 10	56	< 10	100
10DS 0187	201	202	1	< 0.01	37	940	6	< 2	5	71	0.05	< 10	< 10	59	< 10	98
10DS 0188	201	202	1	< 0.01	39	830	6	< 2	6	51	0.08	< 10	< 10	65	< 10	102
10DS 0189	201	202	1	< 0.01	40	910	8	< 2	5	46	0.05	< 10	< 10	68	< 10	120
10DS 0190	201	202	1	< 0.01	32	990	6	< 2	4	50	0.05	< 10	< 10	57	< 10	96
10DS 0191	201	202	1	< 0.01	36	830	4	< 2	3	86	0.05	< 10	< 10	43	< 10	118
10DS 0192	201	202	1	< 0.01	29	1160	2	< 2	2	115	0.02	< 10	< 10	30	< 10	104
10DS 0193	201	202	3	< 0.01	88	960	10	< 2	6	51	0.03	< 10	< 10	75	< 10	158
10DS 0194	201	202	1	< 0.01	42	960	4	< 2	4	97	0.05	< 10	< 10	48	< 10	152
10DS 0195	201	202	1	< 0.01	50	970	8	< 2	6	67	0.07	< 10	< 10	63	< 10	150
10DS 0196	201	202	2	< 0.01	51	980	8	< 2	5	66	0.05	< 10	< 10	57	< 10	160
10DS 0197	201	202	1	< 0.01	57	1120	8	< 2	5	52	0.04	< 10	< 10	63	< 10	158
10DS 0198	201	202	2	< 0.01	60	1080	8	< 2	5	61	0.05	< 10	< 10	67	< 10	168
10DS 0199	201	202	2	< 0.01	62	1100	8	< 2	6	54	0.06	< 10	< 10	69	< 10	166
10DS 0200	201	202	1	< 0.01	43	960	8	< 2	6	65	0.04	< 10	< 10	50	< 10	140
10DS 0201	201	202	< 1	< 0.01	47	1010	10	< 2	5	62	0.03	< 10	< 10	55	< 10	136
10DS 0202	201	202	1	< 0.01	39	960	6	< 2	6	68	0.05	< 10	< 10	50	< 10	130
10DS 0203	201	202	1	< 0.01	33	800	8	< 2	5	45	0.07	< 10	< 10	53	< 10	110
10DS 0204	201	202	< 1	< 0.01	38	900	8	< 2	5	58	0.06	< 10	< 10	54	< 10	130
10DS 0205	201	202	< 1	< 0.01	39	990	8	< 2	5	70	0.03	< 10	< 10	46	< 10	130
10DS 0206	201	202	1	< 0.01	43	1050	12	< 2	5	55	0.02	< 10	< 10	47	< 10	136

CERTIFICATION:

Chemex Labs Ltd.

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

To: INTERNATIONAL KODIAK RESOURCES INC. ~*

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 21-SEP-97
Invoice No. :19742590
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9742590

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
10DS 0207	201	202	< 5	< 0.2	1.84	4	660	0.5	< 2	0.89	0.5	13	43	39	3.34	< 10	< 1	0.18	20	0.86	390
10DS 0208	201	202	< 5	< 0.2	1.78	4	460	0.5	< 2	0.72	< 0.5	14	38	38	3.47	< 10	< 1	0.16	20	0.84	415
10DS 0209	201	202	< 5	< 0.2	1.67	4	430	0.5	< 2	0.85	< 0.5	13	41	34	3.20	< 10	< 1	0.14	20	0.84	380
10DS 0210	201	202	< 5	< 0.2	1.62	4	400	0.5	< 2	0.90	< 0.5	11	35	34	2.96	< 10	< 1	0.13	10	0.78	340
10DS 0211	201	202	< 5	< 0.2	1.71	12	490	0.5	< 2	1.06	< 0.5	13	42	39	3.15	< 10	< 1	0.15	20	0.87	390
10DS 0212	201	202	< 5	< 0.2	1.89	16	370	0.5	< 2	0.79	0.5	15	30	42	3.69	< 10	< 1	0.23	20	0.91	615
10DS 0213	201	202	10	0.2	1.91	14	390	0.5	< 2	1.15	0.5	12	31	44	3.30	< 10	< 1	0.19	20	0.90	455
10DS 0214	201	202	< 5	0.2	1.93	16	370	0.5	< 2	0.83	0.5	13	30	41	3.36	< 10	< 1	0.19	20	0.92	350
10DS 0215	201	202	< 5	< 0.2	1.93	18	450	0.5	< 2	0.79	0.5	15	31	46	3.79	< 10	< 1	0.24	30	0.93	620
10DSS 0139	201	202	< 5	0.6	1.02	6	530	< 0.5	< 2	0.26	3.5	5	29	94	2.21	< 10	< 1	0.09	< 10	0.11	145
10DSS 0140	201	202	15	0.8	1.55	6	800	0.5	< 2	1.98	1.0	7	21	96	1.76	< 10	< 1	0.23	10	0.77	240
10DSS 0141	201	202	10	0.6	0.89	< 2	390	< 0.5	< 2	2.87	1.5	3	12	99	0.82	< 10	< 1	0.11	10	0.43	170
10DSS 0142	201	202	5	1.0	1.39	2	830	0.5	< 2	2.84	1.5	5	18	92	1.28	< 10	< 1	0.14	10	0.67	370
18DS 0028	201	202	< 5	0.2	1.56	2	340	< 0.5	< 2	0.52	0.5	9	26	27	1.95	< 10	1	0.11	10	0.47	500
18DS 0029	201	202	< 5	0.2	1.62	< 2	390	< 0.5	< 2	0.49	< 0.5	8	27	24	1.91	< 10	< 1	0.13	10	0.53	430
18DS 0030	201	202	< 5	0.2	1.67	8	390	< 0.5	< 2	0.50	< 0.5	8	27	26	2.07	< 10	< 1	0.12	10	0.52	520
18DS 0037	201	202	< 5	0.2	1.67	4	350	< 0.5	< 2	0.63	0.5	10	27	31	2.21	< 10	< 1	0.12	10	0.61	885
18DS 0038	201	202	< 5	< 0.2	1.56	2	320	< 0.5	< 2	0.61	0.5	11	23	24	2.04	< 10	< 1	0.12	10	0.63	1300
18DS 0044	201	202	< 5	< 0.2	1.18	< 2	270	< 0.5	< 2	0.53	< 0.5	7	19	18	1.76	< 10	< 1	0.08	10	0.46	340
18DS 0047	201	202	< 5	< 0.2	1.19	< 2	280	< 0.5	< 2	0.50	< 0.5	8	18	18	1.77	< 10	< 1	0.09	10	0.49	330
18DSS 0003	201	202	< 5	0.8	1.00	8	240	< 0.5	< 2	0.15	< 0.5	5	19	23	2.29	< 10	< 1	0.12	< 10	0.19	570
18DSS 0006	201	202	< 5	1.2	1.46	6	600	0.5	< 2	0.13	2.0	10	25	38	2.52	< 10	< 1	0.13	10	0.29	525
18DSS 0010	201	202	< 5	1.6	0.79	2	330	< 0.5	< 2	0.16	1.5	6	13	26	0.91	< 10	< 1	0.07	< 10	0.08	1395
18DSS 0015	201	202	< 5	0.4	1.44	14	660	0.5	< 2	0.14	1.5	16	21	49	3.10	< 10	< 1	0.18	10	0.22	1625
18DSS 0016	201	202	< 5	0.2	0.99	10	490	< 0.5	< 2	0.19	4.0	6	22	27	1.86	< 10	< 1	0.13	< 10	0.21	1440
18DSS 0017	201	202	55	2.2	1.35	12	850	0.5	< 2	0.36	0.5	10	32	67	3.28	< 10	3	0.16	< 10	0.28	615
18DSS 0018	201	202	25	1.0	1.20	4	1100	0.5	< 2	2.04	14.5	6	22	54	1.68	< 10	1	0.17	< 10	0.49	1485
18DSS 0019	201	202	10	1.8	0.86	< 2	310	< 0.5	< 2	2.07	8.5	4	15	43	0.99	< 10	< 1	0.14	< 10	0.44	1035
18DSS 0020	201	202	20	1.2	1.13	4	270	< 0.5	< 2	1.73	1.5	4	22	39	1.31	< 10	< 1	0.15	< 10	0.46	370
18DSS 0021	201	202	< 5	0.2	0.26	< 2	670	< 0.5	< 2	2.51	4.0	1	4	16	0.27	< 10	< 1	0.06	< 10	0.47	665
18DSS 0022	201	202	< 5	0.6	0.72	10	530	< 0.5	< 2	0.20	0.5	3	14	51	1.43	< 10	< 1	0.27	< 10	0.12	90
18DSS 0023	201	202	25	7.0	1.31	4	720	0.5	< 2	1.10	4.5	6	25	49	1.83	< 10	1	0.16	< 10	0.40	1000
18DSS 0024	201	202	10	0.6	0.66	< 2	630	< 0.5	< 2	2.75	1.5	4	12	31	0.98	< 10	< 1	0.06	< 10	0.47	1345
18DSS 0025	201	202	10	0.8	1.28	12	890	0.5	< 2	0.87	3.0	11	25	51	3.04	< 10	< 1	0.12	< 10	0.37	2200
18DSS 0027	201	202	15	0.6	1.48	8	710	< 0.5	< 2	1.15	2.0	8	25	40	2.29	< 10	< 1	0.12	10	0.48	1035
18DSS 0039	201	202	< 5	0.2	0.43	< 2	560	< 0.5	< 2	3.68	< 0.5	3	5	24	0.53	< 10	< 1	0.06	< 10	0.36	840
18DSS 0043	201	202	< 5	< 0.2	0.61	< 2	130	< 0.5	< 2	2.61	0.5	2	8	8	0.62	< 10	< 1	0.08	< 10	0.81	155

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. ~*

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 21-SEP-97
Invoice No. :19742590
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9742590

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
10DS 0207	201 202	1	< 0.01	40	1050	12	< 2	5	63	0.03	< 10	< 10	48	< 10	140
10DS 0208	201 202	1	< 0.01	39	1040	10	< 2	5	56	0.03	< 10	< 10	47	< 10	142
10DS 0209	201 202	1	< 0.01	38	970	10	< 2	5	57	0.03	< 10	< 10	43	< 10	126
10DS 0210	201 202	1	< 0.01	35	960	8	< 2	5	63	0.03	< 10	< 10	40	< 10	118
10DS 0211	201 202	1	< 0.01	39	1040	10	< 2	5	69	0.03	< 10	< 10	43	< 10	134
10DS 0212	201 202	1	0.01	36	1220	38	2	4	72	0.01	< 10	< 10	45	< 10	176
10DS 0213	201 202	1	0.01	33	1260	48	< 2	5	100	0.03	< 10	< 10	47	< 10	180
10DS 0214	201 202	1	0.01	33	1220	48	< 2	5	81	0.03	< 10	< 10	46	< 10	172
10DS 0215	201 202	3	0.01	37	1250	48	< 2	5	75	0.03	< 10	< 10	48	< 10	182
10DSS 0139	201 202	3	0.01	25	1510	12	< 2	< 1	23	< 0.01	< 10	< 10	45	< 10	106
10DSS 0140	201 202	4	< 0.01	34	1840	6	< 2	4	105	< 0.01	< 10	< 10	65	< 10	156
10DSS 0141	201 202	4	0.01	25	1620	2	< 2	2	113	< 0.01	< 10	< 10	37	< 10	96
10DSS 0142	201 202	2	0.01	33	1410	2	< 2	3	143	0.01	< 10	< 10	50	< 10	106
18DS 0028	201 202	1	< 0.01	23	800	10	< 2	4	51	0.05	< 10	< 10	49	< 10	96
18DS 0029	201 202	< 1	< 0.01	20	730	8	< 2	4	48	0.04	< 10	< 10	49	< 10	80
18DS 0030	201 202	1	< 0.01	24	750	10	< 2	4	50	0.05	< 10	< 10	54	< 10	90
18DS 0037	201 202	1	< 0.01	31	750	8	< 2	4	65	0.04	< 10	< 10	55	< 10	152
18DS 0038	201 202	< 1	< 0.01	28	710	8	< 2	4	60	0.03	< 10	< 10	41	< 10	120
18DS 0044	201 202	< 1	< 0.01	24	650	6	< 2	3	52	0.04	< 10	< 10	37	< 10	124
18DS 0047	201 202	< 1	< 0.01	23	550	2	< 2	3	49	0.03	< 10	< 10	35	< 10	122
18DSS 0003	201 202	2	< 0.01	14	790	6	< 2	1	20	0.04	< 10	< 10	50	< 10	64
18DSS 0006	201 202	3	< 0.01	34	1400	10	< 2	< 1	30	0.01	< 10	< 10	47	< 10	144
18DSS 0010	201 202	1	0.01	17	2060	6	< 2	< 1	20	< 0.01	< 10	< 10	21	< 10	68
18DSS 0015	201 202	5	< 0.01	33	1350	16	2	1	41	0.01	< 10	< 10	54	< 10	146
18DSS 0016	201 202	3	0.01	18	1360	10	< 2	< 1	36	0.02	< 10	< 10	68	< 10	166
18DSS 0017	201 202	4	< 0.01	74	750	14	2	5	56	0.01	< 10	< 10	76	< 10	166
18DSS 0018	201 202	4	< 0.01	92	1360	10	< 2	3	178	0.01	< 10	< 10	70	< 10	354
18DSS 0019	201 202	3	< 0.01	69	1570	4	< 2	3	155	0.01	< 10	< 10	48	< 10	236
18DSS 0020	201 202	3	0.01	33	1660	2	2	2	128	0.01	< 10	< 10	59	< 10	58
18DSS 0021	201 202	1	< 0.01	17	1440	< 2	< 2	< 1	165	< 0.01	< 10	< 10	9	< 10	114
18DSS 0022	201 202	3	< 0.01	20	1720	8	< 2	< 1	22	< 0.01	< 10	< 10	36	< 10	42
18DSS 0023	201 202	4	< 0.01	52	1100	8	< 2	3	98	0.01	< 10	< 10	80	< 10	272
18DSS 0024	201 202	3	< 0.01	42	1570	2	< 2	< 1	207	< 0.01	< 10	< 10	34	< 10	66
18DSS 0025	201 202	5	< 0.01	76	1350	10	< 2	2	97	0.01	< 10	< 10	90	< 10	310
18DSS 0027	201 202	4	< 0.01	48	1300	8	< 2	2	103	0.02	< 10	< 10	68	< 10	214
18DSS 0039	201 202	3	0.01	14	930	< 2	< 2	1	216	0.01	< 10	< 10	14	< 10	20
18DSS 0043	201 202	1	< 0.01	7	980	< 2	< 2	1	158	0.01	< 10	< 10	13	< 10	54

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9742609

Comments: ATTN: GEORGE NICHOLSON

CERTIFICATE A9742609

(PHY) - INTERNATIONAL KODIAK RESOURCES INC.

Project:
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 21-SEP-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	1	Geochem ring to approx 150 mesh
226	1	0-3 Kg crush and split
3202	1	Rock - save entire reject
229	1	ICP - AQ Digestion charge

* NOTE 1:

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

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	1	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	1	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	1	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	1	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	1	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	1	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	1	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	1	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	1	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	1	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	1	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	1	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	1	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	1	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	1	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	1	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	1	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	1	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	1	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	1	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	1	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	1	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	1	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	1	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	1	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	1	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	1	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	1	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	1	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	1	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	1	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	1	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	1	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. -*

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Page Number :1-A
Total Pages :1
Certificate Date: 21-SEP-97
Invoice No. :I9742609
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9742609

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
14DR0037	205	226	< 5	< 0.2	1.33	< 2	160	< 0.5	< 2	0.06	< 0.5	3	80	20	2.78	< 10	< 1	0.16	< 10	1.00	40

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. -*

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Page Number :1-B
Total Pages :1
Certificate Date: 21-SEP-97
Invoice No. :I9742609
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9742609

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
14DR0037	205	226	< 1	0.01	18	110	< 2	2	2	14	< 0.01	< 10	< 10	20	< 10	56

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9742620

Comments: ATTN: GEORGE NICHOLSON

CERTIFICATE A9742620

(PHY) - INTERNATIONAL KODIAK RESOURCES INC.

Project:
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 22-SEP-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	232	Dry, sieve to -80 mesh
202	232	save reject
229	232	ICP - AQ Digestion charge
* NOTE	1:	

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

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	230	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2118	232	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	232	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	232	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	232	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	232	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	232	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	232	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	232	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	232	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	232	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	232	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	232	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	232	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	232	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	232	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	232	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	232	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	232	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	232	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	232	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	232	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	232	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	232	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	232	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	232	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	232	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	232	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	232	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	232	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	232	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	232	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	232	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Page Number :1-A
Total Pages :6
Certificate Date: 22-SEP-97
Invoice No. :I9742620
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9742620

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
7-D 0242 SILT	201	202	< 5	0.4	0.98	6	680	< 0.5	< 2	0.37	0.5	11	22	30	1.65	< 10	< 1	0.13	10	0.26	605
7-D 0243 SILT	201	202	< 5	0.8	1.10	12	870	0.5	< 2	0.44	0.5	12	28	37	2.13	< 10	< 1	0.15	10	0.27	990
7-D 0244 SILT	201	202	< 5	0.4	0.85	2	470	< 0.5	< 2	0.32	0.5	7	20	25	1.61	< 10	1	0.10	10	0.27	370
7-D 0245 SILT	201	202	< 5	0.4	0.86	4	530	< 0.5	< 2	0.36	0.5	8	17	35	1.93	< 10	< 1	0.10	10	0.26	480
7-D 0246 SILT	201	202	< 5	0.2	0.80	4	480	< 0.5	< 2	0.27	0.5	6	18	28	1.59	< 10	< 1	0.09	10	0.23	320
7-D 0247 SILT	201	202	< 5	0.2	0.91	4	360	< 0.5	< 2	0.30	0.5	6	17	21	1.67	< 10	1	0.07	10	0.31	290
7-D 0248 SILT	201	202	< 5	0.2	1.08	< 2	410	< 0.5	< 2	0.35	0.5	8	20	19	1.89	< 10	< 1	0.08	10	0.35	425
7-D 0249 SILT	201	202	< 5	0.2	1.19	< 2	420	< 0.5	< 2	0.37	0.5	7	22	24	1.95	< 10	< 1	0.10	10	0.37	305
7-D 0250 SILT	201	202	< 5	< 0.2	1.17	< 2	260	< 0.5	< 2	0.37	0.5	6	21	13	1.67	< 10	< 1	0.07	10	0.40	150
7-D 0251 SILT	201	202	< 5	< 0.2	1.25	< 2	330	< 0.5	< 2	0.38	0.5	6	24	19	1.71	< 10	< 1	0.08	20	0.40	160
8AS 0214	201	202	< 5	0.2	2.05	2	280	< 0.5	< 2	0.29	0.5	8	35	15	2.90	< 10	1	0.13	20	0.44	470
8AS 0215	201	202	< 5	0.6	1.33	6	300	< 0.5	< 2	0.23	1.5	8	25	31	2.76	< 10	< 1	0.12	30	0.23	160
8AS 0216	201	202	< 5	1.0	1.36	< 2	480	< 0.5	< 2	1.50	2.0	10	20	29	1.98	< 10	< 1	0.09	10	0.26	395
8AS 0217	201	202	< 5	0.6	1.38	< 2	350	< 0.5	< 2	1.50	0.5	9	24	31	2.26	< 10	< 1	0.08	10	0.41	350
8AS 0218	201	202	< 5	0.2	1.17	< 2	240	< 0.5	< 2	0.97	0.5	10	31	28	2.22	< 10	< 1	0.09	20	0.44	265
8AS 0219	201	202	< 5	0.6	1.58	8	350	0.5	< 2	0.74	1.0	8	21	35	3.03	< 10	< 1	0.13	10	0.29	255
8AS 0220	201	202	< 5	0.2	1.28	2	290	< 0.5	< 2	1.00	0.5	10	26	34	2.34	< 10	< 1	0.11	20	0.39	335
8AS 0221	201	202	< 5	0.4	0.62	14	190	< 0.5	< 2	0.47	0.5	9	12	50	3.40	< 10	< 1	0.10	20	0.16	235
8AS 0222	201	202	< 5	0.6	1.10	< 2	270	< 0.5	< 2	0.96	1.0	10	20	33	2.24	< 10	< 1	0.08	10	0.35	415
8AS 0223	201	202	< 5	0.4	0.93	2	260	< 0.5	< 2	0.88	0.5	7	19	30	1.89	< 10	1	0.05	10	0.31	270
8AS 0224	201	202	< 5	0.2	1.00	< 2	220	< 0.5	< 2	0.67	0.5	7	18	32	2.13	< 10	< 1	0.07	10	0.32	325
8AS 0225	201	202	< 5	0.2	1.23	4	290	< 0.5	< 2	1.11	0.5	8	23	31	2.20	< 10	< 1	0.08	10	0.40	395
8AS 0226	201	202	< 5	0.4	1.59	6	300	< 0.5	< 2	0.67	< 0.5	10	25	37	2.76	< 10	3	0.11	10	0.41	250
8AS 0227	201	202	< 5	0.2	1.54	8	300	< 0.5	< 2	0.70	0.5	9	24	31	2.63	< 10	1	0.11	10	0.42	335
8AS 0228	201	202	< 5	0.2	1.51	4	330	< 0.5	< 2	1.17	0.5	11	25	32	2.44	< 10	< 1	0.11	10	0.47	810
8AS 0229	201	202	< 5	0.2	1.52	6	300	< 0.5	< 2	0.71	0.5	9	23	33	2.50	< 10	1	0.10	10	0.40	320
8AS 0230	201	202	< 5	0.2	1.25	2	270	< 0.5	< 2	0.82	< 0.5	8	22	33	2.27	< 10	< 1	0.06	10	0.40	195
8AS 0231	201	202	< 5	0.2	1.33	4	240	< 0.5	< 2	0.61	0.5	10	24	35	2.37	< 10	< 1	0.08	10	0.40	140
8AS 0232	201	202	< 5	< 0.2	1.26	2	220	< 0.5	< 2	0.58	0.5	8	22	37	2.22	< 10	< 1	0.08	10	0.36	145
8AS 0233	201	202	< 5	0.2	1.42	6	290	< 0.5	< 2	0.79	< 0.5	10	22	37	2.58	< 10	< 1	0.11	10	0.38	325
8AS 0234	201	202	< 5	< 0.2	1.21	8	220	< 0.5	< 2	0.54	< 0.5	7	21	19	1.83	< 10	< 1	0.08	10	0.36	140
8AS 0235	201	202	< 5	0.2	1.44	6	330	< 0.5	< 2	0.86	0.5	16	22	37	2.57	< 10	1	0.08	10	0.40	1320
8AS 0236	201	202	< 5	< 0.2	1.23	4	300	< 0.5	< 2	0.63	0.5	10	22	24	2.33	< 10	< 1	0.07	10	0.49	310
8AS 0237	201	202	< 5	< 0.2	1.13	< 2	260	< 0.5	< 2	0.56	0.5	10	21	23	2.34	< 10	< 1	0.06	10	0.39	285
8AS 0238	201	202	< 5	< 0.2	1.13	10	260	< 0.5	< 2	0.45	< 0.5	7	19	19	1.98	< 10	1	0.05	10	0.37	280
8AS 0239	201	202	< 5	< 0.2	1.01	2	200	< 0.5	< 2	0.40	< 0.5	6	17	14	1.64	< 10	< 1	0.05	10	0.34	155
8AS 0240	201	202	< 5	< 0.2	1.06	12	230	< 0.5	< 2	0.43	< 0.5	6	19	17	1.84	< 10	< 1	0.05	10	0.35	220
8AS 0241	201	202	< 5	< 0.2	1.38	2	300	< 0.5	< 2	0.55	< 0.5	8	24	24	2.39	< 10	< 1	0.08	10	0.47	270
8AS 0242	201	202	< 5	< 0.2	1.29	8	280	< 0.5	< 2	0.54	< 0.5	9	21	19	2.39	< 10	< 1	0.07	10	0.40	550
8AS 0243	201	202	< 5	< 0.2	1.23	4	230	< 0.5	< 2	0.49	< 0.5	9	20	19	2.00	< 10	1	0.09	10	0.40	270

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CERTIFICATE OF ANALYSIS A9742620

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
7-D 0242 SILT	201	202	5	< 0.01	19	840	6	< 2	3	61	0.02	< 10	< 10	120	< 10	66
7-D 0243 SILT	201	202	7	< 0.01	25	1250	10	2	3	81	0.02	< 10	< 10	179	< 10	86
7-D 0244 SILT	201	202	4	< 0.01	18	850	6	< 2	3	53	0.03	< 10	< 10	89	< 10	70
7-D 0245 SILT	201	202	4	< 0.01	25	990	12	< 2	3	70	0.01	< 10	< 10	75	< 10	84
7-D 0246 SILT	201	202	6	< 0.01	18	870	6	< 2	2	52	0.01	< 10	< 10	99	< 10	66
7-D 0247 SILT	201	202	5	< 0.01	17	750	6	2	3	40	0.03	< 10	< 10	59	< 10	68
7-D 0248 SILT	201	202	4	< 0.01	17	790	8	< 2	3	41	0.04	< 10	< 10	68	< 10	72
7-D 0249 SILT	201	202	1	< 0.01	20	790	6	< 2	3	45	0.04	< 10	< 10	74	< 10	76
7-D 0250 SILT	201	202	< 1	< 0.01	14	730	4	2	3	33	0.06	< 10	< 10	44	< 10	68
7-D 0251 SILT	201	202	< 1	< 0.01	19	710	< 2	2	4	37	0.07	< 10	< 10	48	< 10	78
8AS 0214	201	202	3	< 0.01	18	1200	16	< 2	3	44	0.04	< 10	< 10	64	< 10	82
8AS 0215	201	202	7	< 0.01	30	770	12	< 2	3	64	0.01	< 10	< 10	43	< 10	104
8AS 0216	201	202	4	0.01	27	960	8	< 2	3	143	0.01	< 10	< 10	37	< 10	90
8AS 0217	201	202	4	< 0.01	27	950	8	< 2	4	139	0.01	< 10	< 10	44	< 10	86
8AS 0218	201	202	3	< 0.01	27	830	6	< 2	4	89	0.01	< 10	< 10	39	< 10	86
8AS 0219	201	202	6	< 0.01	25	780	14	< 2	5	94	0.01	< 10	< 10	39	< 10	86
8AS 0220	201	202	3	< 0.01	28	860	10	2	4	96	0.02	< 10	< 10	41	< 10	96
8AS 0221	201	202	14	< 0.01	29	910	22	2	3	125	< 0.01	< 10	< 10	30	< 10	130
8AS 0222	201	202	4	< 0.01	23	940	10	2	4	89	< 0.01	< 10	< 10	31	< 10	86
8AS 0223	201	202	3	< 0.01	21	710	10	< 2	3	82	< 0.01	< 10	< 10	29	< 10	78
8AS 0224	201	202	4	< 0.01	19	740	10	< 2	3	76	0.01	< 10	< 10	34	< 10	72
8AS 0225	201	202	3	< 0.01	23	860	6	2	4	86	0.01	< 10	< 10	36	< 10	76
8AS 0226	201	202	1	< 0.01	25	860	12	< 2	4	68	0.03	< 10	< 10	45	< 10	98
8AS 0227	201	202	2	< 0.01	22	850	16	< 2	4	64	0.03	< 10	< 10	46	< 10	84
8AS 0228	201	202	1	0.01	25	780	10	< 2	4	89	0.03	< 10	< 10	44	< 10	94
8AS 0229	201	202	2	< 0.01	25	760	16	< 2	4	66	0.02	< 10	< 10	40	< 10	96
8AS 0230	201	202	2	< 0.01	23	730	10	< 2	4	63	0.02	< 10	< 10	37	< 10	86
8AS 0231	201	202	1	< 0.01	26	750	12	< 2	4	58	0.03	< 10	< 10	39	< 10	106
8AS 0232	201	202	< 1	< 0.01	22	620	10	< 2	3	52	0.03	< 10	< 10	39	< 10	86
8AS 0233	201	202	< 1	< 0.01	22	620	14	< 2	4	68	0.03	< 10	< 10	42	< 10	80
8AS 0234	201	202	< 1	< 0.01	18	650	10	< 2	3	48	0.03	< 10	< 10	37	< 10	68
8AS 0235	201	202	1	< 0.01	27	840	12	< 2	4	72	0.02	< 10	< 10	40	< 10	86
8AS 0236	201	202	< 1	< 0.01	24	790	8	< 2	3	48	0.05	< 10	< 10	42	< 10	86
8AS 0237	201	202	3	< 0.01	21	800	8	< 2	3	46	0.03	< 10	< 10	37	< 10	84
8AS 0238	201	202	1	< 0.01	17	770	6	< 2	3	34	0.04	< 10	< 10	36	< 10	62
8AS 0239	201	202	< 1	< 0.01	14	650	6	< 2	3	31	0.04	< 10	< 10	31	< 10	54
8AS 0240	201	202	1	< 0.01	16	700	8	< 2	3	35	0.04	< 10	< 10	34	< 10	64
8AS 0241	201	202	< 1	< 0.01	20	750	4	< 2	4	45	0.06	< 10	< 10	43	< 10	76
8AS 0242	201	202	< 1	< 0.01	18	770	6	< 2	3	46	0.05	< 10	< 10	41	< 10	70
8AS 0243	201	202	< 1	< 0.01	19	710	8	< 2	3	47	0.05	< 10	< 10	38	< 10	72

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CERTIFICATE OF ANALYSIS A9742620

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
8DS 0261	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
8DS 0262	201	202	< 5	0.6	0.89	12	550	0.5	< 2	0.67	3.0	10	19	71	2.43	< 10	< 1	0.16	10	0.26	335
8DS 0263	201	202	< 5	0.2	1.03	8	550	0.5	< 2	0.69	1.5	8	19	50	1.96	< 10	< 1	0.16	< 10	0.27	130
8DS 0264	201	202	< 5	1.2	0.99	12	520	0.5	< 2	1.08	5.0	9	25	80	2.48	< 10	< 1	0.16	10	0.33	375
8DS 0265	201	202	< 5	1.0	0.87	12	490	0.5	< 2	0.95	4.5	9	21	72	2.20	< 10	< 1	0.15	10	0.27	345
8DS 0266	201	202	< 5	0.4	0.88	8	420	0.5	< 2	0.68	2.0	10	18	52	2.21	< 10	< 1	0.12	10	0.31	420
8DS 0267	201	202	< 5	0.6	0.75	6	580	0.5	< 2	0.87	4.5	9	13	60	2.04	< 10	< 1	0.11	< 10	0.25	395
8DS 0268	201	202	< 5	0.6	0.76	4	330	< 0.5	< 2	0.90	3.0	8	15	53	1.76	< 10	< 1	0.09	< 10	0.30	395
8DS 0269	201	202	< 5	0.8	0.70	10	410	0.5	< 2	0.86	3.0	9	15	72	2.24	< 10	< 1	0.10	< 10	0.24	455
8DS 0270	201	202	< 5	0.8	0.80	10	360	0.5	< 2	0.68	2.5	9	18	65	2.18	< 10	< 1	0.10	< 10	0.32	255
8DS 0271	201	202	< 5	0.6	0.69	6	400	0.5	< 2	0.89	3.0	7	16	53	1.49	< 10	< 1	0.12	< 10	0.23	215
8DS 0272	201	202	< 5	0.8	0.99	8	520	0.5	< 2	0.85	3.5	9	25	70	2.09	< 10	< 1	0.16	10	0.31	330
8DS 0273	201	202	< 5	1.0	1.04	10	470	0.5	< 2	0.85	3.5	10	26	70	2.18	< 10	< 1	0.16	10	0.32	430
8DS 0274	201	202	< 5	1.2	0.99	10	520	0.5	< 2	1.00	5.0	8	26	73	2.48	< 10	< 1	0.19	10	0.30	345
8DS 0275	201	202	< 5	1.0	0.94	14	520	0.5	< 2	0.81	4.0	8	27	71	2.19	< 10	< 1	0.17	10	0.27	330
8DS 0276	201	202	< 5	1.8	0.89	16	500	0.5	< 2	1.24	7.0	10	28	117	2.83	< 10	< 1	0.15	10	0.38	330
8DS 0277	201	202	< 5	1.4	0.79	16	460	0.5	< 2	0.95	6.0	11	23	99	2.77	< 10	< 1	0.13	10	0.30	420
8DS 0278	201	202	< 5	1.4	1.10	8	470	0.5	< 2	1.15	6.0	8	31	96	2.51	< 10	< 1	0.15	10	0.38	190
8DS 0279	201	202	< 5	1.4	0.79	20	530	0.5	< 2	1.06	8.0	11	25	114	2.90	< 10	< 1	0.16	10	0.33	470
8DS 0280	201	202	< 5	1.8	0.88	10	630	0.5	< 2	1.11	7.5	10	28	115	2.58	< 10	1	0.14	10	0.40	330
8DS 0281	201	202	20	1.8	0.77	12	640	0.5	< 2	1.17	7.5	11	26	120	2.51	< 10	< 1	0.14	10	0.38	275
8DS 0282	201	202	< 5	1.4	0.85	14	540	0.5	< 2	0.81	5.0	10	24	98	2.90	< 10	1	0.11	10	0.31	320
8DS 0283	201	202	< 5	2.0	0.72	16	510	0.5	< 2	0.95	6.5	11	23	129	2.78	< 10	1	0.12	10	0.28	335
10BS 0332	201	202	10	< 0.2	1.15	6	450	< 0.5	< 2	0.28	< 0.5	6	20	21	1.71	< 10	< 1	0.07	10	0.32	150
10BS 0333	201	202	< 5	0.2	1.41	6	570	< 0.5	< 2	0.39	< 0.5	6	24	25	2.11	< 10	< 1	0.15	10	0.37	135
10BS 0334	201	202	< 5	0.2	1.37	2	530	< 0.5	< 2	0.40	< 0.5	5	24	21	1.70	< 10	< 1	0.12	10	0.38	110
10BS 0335	201	202	< 5	< 0.2	1.34	2	540	< 0.5	< 2	0.40	< 0.5	6	23	20	1.70	< 10	< 1	0.11	10	0.37	145
10BS 0336	201	202	< 5	0.2	1.60	6	1110	0.5	< 2	0.61	0.5	20	34	39	3.48	< 10	< 1	0.21	10	0.46	1065
10BS 0337A	201	202	< 5	0.2	1.90	2	600	< 0.5	< 2	0.29	< 0.5	6	33	28	2.28	< 10	< 1	0.11	10	0.44	135
10BS 0337B	201	202	< 5	0.2	1.56	8	1110	< 0.5	< 2	0.63	1.0	26	33	40	3.58	< 10	< 1	0.16	10	0.46	1655
10BS 0338	201	202	< 5	0.6	1.65	< 2	1150	< 0.5	< 2	0.84	0.5	9	35	44	1.56	< 10	< 1	0.09	10	0.47	140
10BS 0339	201	202	< 5	0.6	1.70	8	1110	< 0.5	< 2	0.61	0.5	12	32	32	3.58	< 10	< 1	0.15	10	0.54	585
10BS 0340	201	202	< 5	0.6	1.59	6	1300	< 0.5	< 2	0.73	0.5	14	31	29	2.60	< 10	< 1	0.14	10	0.46	680
10BS 0341	201	202	< 5	0.2	1.53	6	1060	< 0.5	< 2	0.61	0.5	10	31	26	3.06	< 10	< 1	0.14	10	0.42	400
10BS 0342	201	202	< 5	0.2	1.64	< 2	1180	< 0.5	< 2	0.58	< 0.5	10	29	29	2.52	< 10	< 1	0.22	10	0.50	320
10BS 0343	201	202	< 5	< 0.2	1.48	12	1120	0.5	< 2	0.55	< 0.5	17	26	35	3.72	< 10	< 1	0.21	10	0.45	700
10BS 0344	201	202	< 5	0.4	1.37	6	1050	< 0.5	< 2	0.67	0.5	16	26	30	2.84	< 10	< 1	0.11	10	0.42	880
10BS 0345	201	202	< 5	0.6	1.64	6	1020	< 0.5	< 2	0.70	0.5	12	33	35	2.44	< 10	< 1	0.13	10	0.45	550
10BS 0346	201	202	< 5	0.4	1.64	6	1050	< 0.5	< 2	0.70	0.5	15	31	29	2.71	< 10	< 1	0.13	10	0.50	815
10BS 0347	201	202	< 5	0.2	1.47	8	1200	< 0.5	< 2	0.78	0.5	14	28	24	2.50	< 10	< 1	0.15	10	0.48	865

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 22-SEP-97
Invoice No. :I9742620
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9742620

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
8DS 0261	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
8DS 0262	201	202	7	< 0.01	61	1290	14	< 2	4	75	< 0.01	< 10	< 10	107	< 10	326
8DS 0263	201	202	5	< 0.01	50	940	10	< 2	4	59	0.01	< 10	< 10	105	< 10	304
8DS 0264	201	202	9	< 0.01	83	1470	12	2	4	86	0.01	< 10	< 10	159	< 10	554
8DS 0265	201	202	8	< 0.01	79	1380	12	< 2	4	78	0.01	< 10	< 10	140	< 10	480
8DS 0266	201	202	7	< 0.01	50	1080	10	< 2	4	54	0.01	< 10	< 10	92	< 10	258
8DS 0267	201	202	6	< 0.01	48	970	10	< 2	3	65	< 0.01	< 10	< 10	74	< 10	276
8DS 0268	201	202	5	< 0.01	54	1060	8	< 2	3	55	0.01	< 10	< 10	78	< 10	294
8DS 0269	201	202	9	< 0.01	57	1330	12	< 2	4	68	< 0.01	< 10	< 10	112	< 10	336
8DS 0270	201	202	7	< 0.01	55	1120	10	< 2	4	57	0.01	< 10	< 10	107	< 10	312
8DS 0271	201	202	5	< 0.01	41	1310	8	< 2	2	64	< 0.01	< 10	< 10	112	< 10	186
8DS 0272	201	202	8	< 0.01	54	1400	8	2	4	69	0.01	< 10	< 10	162	< 10	328
8DS 0273	201	202	8	< 0.01	58	1250	10	< 2	4	67	0.01	< 10	< 10	170	< 10	376
8DS 0274	201	202	9	< 0.01	62	1390	10	2	4	85	0.01	< 10	< 10	188	< 10	422
8DS 0275	201	202	10	< 0.01	59	1500	10	2	4	79	0.01	< 10	< 10	189	< 10	368
8DS 0276	201	202	12	< 0.01	100	1760	12	< 2	4	104	0.01	< 10	< 10	206	< 10	766
8DS 0277	201	202	11	< 0.01	86	1650	10	< 2	4	88	0.01	< 10	< 10	182	< 10	734
8DS 0278	201	202	7	0.01	76	1220	10	< 2	4	87	0.02	< 10	< 10	179	< 10	574
8DS 0279	201	202	12	< 0.01	94	1850	10	4	4	105	< 0.01	< 10	< 10	214	< 10	838
8DS 0280	201	202	9	< 0.01	92	1770	10	2	4	103	0.01	< 10	< 10	201	< 10	852
8DS 0281	201	202	10	< 0.01	94	1660	10	2	4	101	0.01	< 10	< 10	201	< 10	784
8DS 0282	201	202	8	< 0.01	83	1250	12	< 2	4	80	0.01	< 10	< 10	169	< 10	710
8DS 0283	201	202	13	< 0.01	112	1850	12	4	4	100	0.01	< 10	< 10	220	< 10	1020
10BS 0332	201	202	1	< 0.01	16	740	6	< 2	3	27	0.03	< 10	< 10	46	< 10	68
10BS 0333	201	202	2	< 0.01	20	1100	8	< 2	3	41	0.03	< 10	< 10	64	< 10	84
10BS 0334	201	202	1	< 0.01	17	790	6	< 2	3	34	0.04	< 10	< 10	57	< 10	76
10BS 0335	201	202	1	< 0.01	18	760	6	< 2	3	35	0.04	< 10	< 10	57	< 10	78
10BS 0336	201	202	4	< 0.01	40	1490	8	< 2	4	57	0.01	< 10	< 10	101	< 10	172
10BS 0337A	201	202	1	< 0.01	22	760	8	< 2	4	32	0.04	< 10	< 10	69	< 10	92
10BS 0337B	201	202	4	< 0.01	41	1520	6	< 2	5	60	0.02	< 10	< 10	103	< 10	186
10BS 0338	201	202	1	< 0.01	32	1010	8	< 2	4	65	0.02	< 10	< 10	74	< 10	138
10BS 0339	201	202	4	< 0.01	27	1290	6	< 2	4	55	0.03	< 10	< 10	103	< 10	116
10BS 0340	201	202	3	< 0.01	26	1190	8	< 2	4	65	0.02	< 10	< 10	88	< 10	108
10BS 0341	201	202	2	< 0.01	25	1400	8	< 2	4	55	0.02	< 10	< 10	94	< 10	106
10BS 0342	201	202	3	< 0.01	25	1260	8	< 2	4	60	0.01	< 10	< 10	88	< 10	126
10BS 0343	201	202	4	< 0.01	30	1510	6	< 2	4	62	0.01	< 10	< 10	96	< 10	138
10BS 0344	201	202	2	< 0.01	25	1160	6	< 2	4	58	0.02	< 10	< 10	79	< 10	116
10BS 0345	201	202	2	< 0.01	31	1080	8	< 2	5	58	0.03	< 10	< 10	83	< 10	132
10BS 0346	201	202	2	< 0.01	30	1000	8	< 2	5	60	0.02	< 10	< 10	81	< 10	128
10BS 0347	201	202	1	< 0.01	27	1110	6	2	4	67	0.03	< 10	< 10	81	< 10	128

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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To: INTERNATIONAL KODIAK RESOURCES INC. -*

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 22-SEP-97
Invoice No. :I9742620
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9742620

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
10BS 0348	201	202	15	0.2	1.39	6	930	< 0.5	< 2	0.70	0.5	10	25	21	2.51	< 10	< 1	0.12	10	0.44	570
10BS 0349	201	202	< 5	0.2	1.80	2	1230	0.5	< 2	0.54	< 0.5	11	29	29	2.16	< 10	< 1	0.20	10	0.70	225
10BS 0350	201	202	< 5	< 0.2	1.57	4	1070	< 0.5	< 2	0.70	0.5	35	26	28	3.20	< 10	< 1	0.16	10	0.64	2330
10BS 0351	201	202	< 5	< 0.2	1.83	< 2	1090	0.5	< 2	0.46	< 0.5	10	28	23	2.31	< 10	< 1	0.23	10	0.73	320
10BS 0352	201	202	< 5	< 0.2	1.45	< 2	800	< 0.5	< 2	0.85	< 0.5	7	25	22	1.97	< 10	< 1	0.14	10	0.47	140
10BS 0353	201	202	< 5	0.2	1.41	2	900	< 0.5	< 2	0.78	0.5	8	25	23	1.99	< 10	< 1	0.13	10	0.47	190
10BS 0354	201	202	< 5	< 0.2	1.27	< 2	800	< 0.5	< 2	0.73	0.5	9	22	23	2.27	< 10	< 1	0.11	10	0.42	340
10BS 0355	201	202	< 5	0.2	1.34	< 2	770	< 0.5	< 2	0.59	0.5	8	24	26	2.01	< 10	< 1	0.10	10	0.43	240
10BS 0356	201	202	< 5	0.2	1.23	< 2	900	< 0.5	< 2	0.87	0.5	8	23	32	2.30	< 10	< 1	0.08	10	0.46	235
10BS 0357	201	202	< 5	< 0.2	1.19	< 2	570	< 0.5	< 2	0.51	< 0.5	6	22	20	1.62	< 10	< 1	0.11	10	0.40	240
10BS 0358	201	202	< 5	< 0.2	1.13	2	490	< 0.5	< 2	0.49	0.5	5	21	22	1.62	< 10	< 1	0.10	10	0.38	170
10BS 0359	201	202	< 5	< 0.2	0.96	2	410	< 0.5	< 2	0.34	< 0.5	4	17	15	1.24	< 10	< 1	0.09	10	0.34	105
10BS 0360	201	202	< 5	0.2	1.14	4	590	< 0.5	< 2	0.45	0.5	11	21	29	2.20	< 10	< 1	0.10	10	0.39	490
10BS 0361	201	202	< 5	< 0.2	0.86	< 2	450	< 0.5	< 2	0.40	< 0.5	5	15	16	1.34	< 10	< 1	0.06	10	0.34	145
10BS 0362	201	202	< 5	< 0.2	0.88	< 2	470	< 0.5	< 2	0.44	0.5	5	16	21	1.48	< 10	< 1	0.05	10	0.36	140
10BS 0363	201	202	< 5	< 0.2	0.82	< 2	400	< 0.5	< 2	0.37	< 0.5	4	14	14	1.23	< 10	< 1	0.05	10	0.33	105
10BS 0364	201	202	< 5	< 0.2	0.93	2	540	< 0.5	< 2	0.51	0.5	7	17	17	2.15	< 10	< 1	0.06	10	0.36	410
10BS 0365	201	202	< 5	< 0.2	1.05	4	520	< 0.5	< 2	0.51	0.5	7	19	21	1.91	< 10	< 1	0.08	10	0.38	445
10BS 0366	201	202	< 5	< 0.2	1.09	2	610	< 0.5	< 2	0.45	< 0.5	6	21	31	1.71	< 10	< 1	0.12	10	0.40	160
10BSS 0367	201	202	20	0.2	1.84	12	400	0.5	< 2	0.21	< 0.5	13	29	92	3.72	< 10	< 1	0.37	10	0.64	360
10BSS 0368	201	202	15	3.4	0.75	12	1250	< 0.5	< 2	0.19	0.5	4	32	78	2.49	< 10	< 1	0.19	< 10	0.09	75
10BS 0369	201	202	20	1.4	0.92	< 2	660	< 0.5	< 2	0.14	< 0.5	1	26	35	1.14	< 10	< 1	0.18	< 10	0.15	35
10BS 0370	201	202	not/ss	1.6	1.27	8	840	< 0.5	< 2	0.33	0.5	5	27	68	2.39	< 10	< 1	0.24	10	0.27	130
10BS 0371	201	202	20	1.6	1.45	4	880	0.5	< 2	0.28	0.5	5	33	62	2.08	< 10	< 1	0.22	10	0.30	160
10BS 0372	201	202	10	0.8	1.00	8	570	< 0.5	< 2	0.29	0.5	6	20	53	2.25	< 10	< 1	0.14	< 10	0.25	260
10BS 0373	201	202	5	1.2	1.00	10	730	0.5	< 2	0.38	1.0	17	22	60	2.39	< 10	< 1	0.11	10	0.25	1325
10BS 0374	201	202	< 5	1.0	0.93	14	670	0.5	< 2	0.35	1.5	16	22	59	2.29	< 10	< 1	0.10	10	0.25	1185
10BS 0375	201	202	10	1.0	1.02	12	660	< 0.5	< 2	0.40	1.5	15	23	56	2.30	< 10	< 1	0.10	10	0.30	1115
10BS 0376	201	202	< 5	1.0	0.87	12	570	0.5	< 2	0.45	2.5	15	27	60	1.78	< 10	< 1	0.12	10	0.26	855
10BS 0377	201	202	< 5	1.2	1.14	12	700	0.5	< 2	0.43	2.0	12	30	59	2.22	< 10	< 1	0.15	10	0.31	1015
10BS 0378	201	202	< 5	1.2	1.15	14	750	0.5	< 2	0.55	3.0	15	31	62	2.25	< 10	< 1	0.16	10	0.30	1360
10BS 0379	201	202	20	1.0	1.09	8	590	< 0.5	< 2	0.55	1.0	11	26	42	1.77	< 10	< 1	0.11	10	0.30	670
10BS 0380	201	202	15	0.6	1.09	4	680	< 0.5	< 2	0.61	2.0	10	23	48	1.73	< 10	< 1	0.10	10	0.31	870
10BS 0381	201	202	< 5	0.6	1.02	10	620	0.5	< 2	0.50	2.0	13	24	47	2.10	< 10	< 1	0.13	10	0.30	1190
10BS 0382	201	202	< 5	0.8	1.04	12	630	0.5	< 2	0.49	1.5	15	23	50	2.43	< 10	< 1	0.11	10	0.32	1475
10BS 0383	201	202	< 5	0.6	1.00	10	590	< 0.5	< 2	0.55	2.0	13	22	47	2.03	< 10	< 1	0.09	10	0.32	1245
10BS 0384	201	202	< 5	0.6	1.16	8	570	0.5	< 2	0.62	2.5	11	25	51	2.16	< 10	< 1	0.13	10	0.34	1070
10BS 0385	201	202	< 5	0.6	1.03	10	610	0.5	< 2	0.59	3.0	13	20	52	2.29	< 10	< 1	0.11	10	0.31	1255
10BS 0386	201	202	< 5	0.6	1.11	10	560	0.5	< 2	0.47	1.0	9	23	49	2.35	< 10	< 1	0.13	10	0.33	530
10BS 0387	201	202	not/ss	0.2	1.26	12	570	0.5	< 2	0.50	2.0	12	24	45	2.81	< 10	< 1	0.16	10	0.41	855

CERTIFICATION: Stewart Borchers

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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To: INTERNATIONAL KODIAK RESOURCES INC. -*

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CERTIFICATE OF ANALYSIS A9742620

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
10BS 0348	201	202	1	< 0.01	23	940	2	< 2	4	56	0.03	< 10	< 10	71	< 10	118
10BS 0349	201	202	1	< 0.01	28	860	8	< 2	5	48	0.01	< 10	< 10	71	< 10	112
10BS 0350	201	202	4	< 0.01	25	840	6	< 2	4	57	0.03	< 10	< 10	70	< 10	110
10BS 0351	201	202	2	< 0.01	21	820	6	< 2	4	46	0.01	< 10	< 10	74	< 10	102
10BS 0352	201	202	1	< 0.01	22	920	6	< 2	4	60	0.03	< 10	< 10	67	< 10	120
10BS 0353	201	202	1	< 0.01	23	810	6	< 2	4	59	0.03	< 10	< 10	64	< 10	120
10BS 0354	201	202	< 1	< 0.01	23	840	4	< 2	4	53	0.02	< 10	< 10	58	< 10	116
10BS 0355	201	202	1	< 0.01	22	820	6	< 2	4	45	0.03	< 10	< 10	62	< 10	104
10BS 0356	201	202	< 1	< 0.01	26	900	6	< 2	4	63	0.01	< 10	< 10	56	< 10	126
10BS 0357	201	202	1	< 0.01	19	830	4	< 2	3	44	0.04	< 10	< 10	56	< 10	102
10BS 0358	201	202	< 1	< 0.01	19	730	4	< 2	3	40	0.03	< 10	< 10	56	< 10	110
10BS 0359	201	202	1	< 0.01	15	730	4	< 2	2	35	0.03	< 10	< 10	47	< 10	90
10BS 0360	201	202	4	< 0.01	25	880	8	2	3	43	0.01	< 10	< 10	73	< 10	134
10BS 0361	201	202	< 1	< 0.01	16	750	2	< 2	2	34	0.01	< 10	< 10	37	< 10	92
10BS 0362	201	202	< 1	< 0.01	18	730	2	< 2	3	33	0.01	< 10	< 10	40	< 10	102
10BS 0363	201	202	< 1	< 0.01	15	710	2	< 2	2	32	0.01	< 10	< 10	35	< 10	86
10BS 0364	201	202	< 1	< 0.01	18	820	2	< 2	3	41	0.01	< 10	< 10	44	< 10	104
10BS 0365	201	202	1	< 0.01	20	830	6	< 2	3	43	0.02	< 10	< 10	55	< 10	112
10BS 0366	201	202	< 1	< 0.01	24	940	4	< 2	3	49	0.03	< 10	< 10	52	< 10	96
10BSS 0367	201	202	12	< 0.01	44	1400	12	2	4	47	0.01	< 10	< 10	91	< 10	206
10BSS 0368	201	202	12	< 0.01	27	1100	14	4	3	61	< 0.01	< 10	< 10	153	< 10	98
10BS 0369	201	202	2	< 0.01	13	960	8	< 2	1	35	< 0.01	< 10	< 10	73	< 10	34
10BS 0370	201	202	7	< 0.01	27	1960	10	< 2	3	60	< 0.01	< 10	< 10	103	< 10	104
10BS 0371	201	202	4	< 0.01	22	1680	10	< 2	3	54	< 0.01	< 10	< 10	110	< 10	78
10BS 0372	201	202	6	< 0.01	23	1930	12	< 2	1	48	< 0.01	< 10	< 10	89	< 10	96
10BS 0373	201	202	11	< 0.01	36	1720	14	2	3	59	< 0.01	< 10	< 10	133	< 10	160
10BS 0374	201	202	12	< 0.01	32	1500	14	< 2	3	53	< 0.01	< 10	< 10	157	< 10	164
10BS 0375	201	202	10	< 0.01	35	1390	10	2	4	53	< 0.01	< 10	< 10	140	< 10	164
10BS 0376	201	202	12	< 0.01	41	1220	12	2	4	67	0.01	< 10	< 10	195	< 10	242
10BS 0377	201	202	9	< 0.01	35	1380	12	2	4	60	0.01	< 10	< 10	195	< 10	184
10BS 0378	201	202	9	< 0.01	38	1350	12	2	4	65	0.01	< 10	< 10	209	< 10	212
10BS 0379	201	202	4	< 0.01	30	1000	8	< 2	3	53	0.01	< 10	< 10	92	< 10	108
10BS 0380	201	202	4	< 0.01	34	1140	8	2	4	57	0.01	< 10	< 10	95	< 10	150
10BS 0381	201	202	6	< 0.01	33	1190	10	< 2	4	56	0.01	< 10	< 10	123	< 10	160
10BS 0382	201	202	7	< 0.01	33	1270	10	2	4	58	0.01	< 10	< 10	129	< 10	152
10BS 0383	201	202	6	< 0.01	33	1170	10	2	4	54	0.01	< 10	< 10	112	< 10	160
10BS 0384	201	202	5	< 0.01	36	1160	10	< 2	4	61	0.01	< 10	< 10	114	< 10	178
10BS 0385	201	202	7	< 0.01	36	1220	10	< 2	4	58	0.01	< 10	< 10	110	< 10	192
10BS 0386	201	202	7	< 0.01	32	1080	10	< 2	4	54	0.01	< 10	< 10	120	< 10	176
10BS 0387	201	202	10	< 0.01	36	1090	10	< 2	4	53	0.01	< 10	< 10	139	< 10	236

CERTIFICATION:

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10BS 0388	201	202	< 5	0.4	1.06	8	460	< 0.5	< 2	0.55	1.5	9	21	38	1.91	< 10	< 1	0.09	10	0.38	610
10BS 0389	201	202	< 5	0.2	1.15	8	410	< 0.5	< 2	0.45	1.0	7	19	31	1.87	< 10	< 1	0.08	10	0.38	360
10BS 0390	201	202	< 5	0.2	1.49	8	550	0.5	< 2	0.59	1.5	10	25	43	2.50	< 10	< 1	0.14	10	0.47	590
10BS 0391	201	202	< 5	0.6	1.46	10	520	0.5	< 2	0.63	1.5	9	26	44	2.13	< 10	< 1	0.14	10	0.45	465
10BS 0392	201	202	< 5	0.2	1.43	8	510	0.5	< 2	0.52	1.5	9	25	37	2.22	< 10	< 1	0.15	10	0.44	510
10BS 0393	201	202	< 5	0.2	1.27	8	480	< 0.5	< 2	0.45	1.5	8	23	36	2.14	< 10	< 1	0.14	10	0.39	455
10BS 0394	201	202	< 5	0.2	1.46	8	550	0.5	< 2	0.63	2.0	10	26	43	2.32	< 10	< 1	0.15	10	0.47	630
10BS 0395	201	202	< 5	< 0.2	1.29	10	520	0.5	< 2	0.43	1.5	10	22	37	2.47	< 10	< 1	0.16	10	0.41	545
10BS 0396	201	202	< 5	0.2	1.27	8	540	0.5	< 2	0.52	1.5	10	22	41	2.41	< 10	< 1	0.12	10	0.41	590
10BS 0397	201	202	< 5	0.2	1.24	8	550	0.5	< 2	0.48	1.0	9	21	33	2.45	< 10	< 1	0.11	10	0.43	500
10BS 0398	201	202	25	< 0.2	1.41	14	590	0.5	< 2	0.55	1.5	10	24	43	2.74	< 10	< 1	0.16	10	0.45	595
10BS 0399	201	202	< 5	< 0.2	1.31	24	720	0.5	< 2	0.47	1.5	13	24	50	3.27	< 10	< 1	0.19	10	0.43	1040
10BS 0400	201	202	< 5	0.2	1.27	10	550	0.5	< 2	0.57	1.5	10	23	43	2.47	< 10	< 1	0.12	10	0.45	610
10BS 0401	201	202	< 5	0.2	1.20	12	500	0.5	< 2	0.51	1.5	10	20	41	2.35	< 10	< 1	0.11	10	0.42	585
10BS 0402	201	202	< 5	< 0.2	0.99	6	220	< 0.5	< 2	0.29	< 0.5	6	17	13	1.77	< 10	< 1	0.05	10	0.36	190
10BS 0403	201	202	< 5	< 0.2	1.13	26	300	< 0.5	< 2	0.46	< 0.5	8	20	30	2.15	< 10	< 1	0.08	10	0.49	150
10BS 0404	201	202	< 5	0.2	1.53	48	390	0.5	< 2	0.79	< 0.5	11	26	51	3.10	< 10	< 1	0.13	10	0.57	510
10BS 0405	201	202	< 5	< 0.2	1.59	16	360	0.5	< 2	0.41	0.5	18	27	60	3.35	< 10	< 1	0.17	10	0.62	395
10BS 0406	201	202	< 5	0.2	1.38	20	340	0.5	< 2	0.70	1.0	9	24	36	2.29	< 10	< 1	0.13	10	0.53	210
10BS 0407	201	202	< 5	< 0.2	1.24	38	390	0.5	< 2	0.70	1.5	11	22	43	2.87	< 10	< 1	0.17	10	0.57	480
11BSS 0076	201	202	< 5	< 0.2	2.06	10	230	< 0.5	< 2	0.08	< 0.5	14	30	52	3.64	< 10	< 1	0.06	10	0.34	400
11BSS 0077	201	202	< 5	< 0.2	1.08	2	130	< 0.5	< 2	0.09	< 0.5	3	19	10	1.52	< 10	< 1	0.06	10	0.27	80
11BSS 0078	201	202	< 5	< 0.2	1.37	< 2	140	< 0.5	< 2	0.10	< 0.5	3	22	13	1.84	< 10	< 1	0.08	10	0.31	95
11BSS 0079	201	202	< 5	< 0.2	1.36	< 2	150	< 0.5	< 2	0.11	< 0.5	5	21	18	2.03	< 10	< 1	0.07	10	0.35	140
11BS 0080	201	202	< 5	0.2	1.43	4	320	< 0.5	< 2	0.17	< 0.5	5	21	14	1.69	< 10	< 1	0.08	10	0.36	120
11BS 0081	201	202	< 5	< 0.2	1.44	8	380	< 0.5	< 2	0.23	< 0.5	9	21	23	2.00	< 10	< 1	0.09	10	0.41	340
11BS 0082	201	202	< 5	0.2	1.37	8	260	< 0.5	< 2	0.14	< 0.5	8	21	31	2.33	< 10	< 1	0.05	10	0.33	280
11BS 0083	201	202	< 5	< 0.2	1.33	4	280	< 0.5	< 2	0.51	0.5	10	18	30	2.10	< 10	< 1	0.07	10	0.45	425
11BS 0084	201	202	< 5	0.2	0.99	4	200	< 0.5	< 2	1.12	1.0	8	14	46	1.78	< 10	< 1	0.06	< 10	0.38	310
11BS 0085	201	202	< 5	1.2	0.96	14	760	0.5	< 2	0.89	1.5	9	17	75	3.09	< 10	< 1	0.15	10	0.32	545
11BS 0086	201	202	< 5	1.0	1.39	10	710	0.5	< 2	1.28	2.5	13	25	79	3.22	< 10	< 1	0.16	10	0.44	725
11BS 0087	201	202	< 5	0.2	1.75	8	370	< 0.5	< 2	0.29	< 0.5	7	26	17	2.28	< 10	< 1	0.10	10	0.50	255
11BS 0088	201	202	< 5	0.2	1.67	12	640	0.5	< 2	0.79	1.5	16	26	58	3.37	< 10	< 1	0.18	10	0.54	1095
11BS 0089	201	202	< 5	< 0.2	1.70	6	480	< 0.5	< 2	0.32	< 0.5	10	26	26	2.41	< 10	< 1	0.09	10	0.49	390
11BS 0090	201	202	15	0.2	1.38	10	610	0.5	< 2	0.62	1.0	11	23	43	2.53	< 10	< 1	0.12	10	0.45	475
11BS 0091	201	202	< 5	0.2	1.32	14	710	0.5	< 2	0.60	1.0	13	22	49	2.81	< 10	< 1	0.12	10	0.44	795
11BS 0092	201	202	< 5	0.6	1.08	16	630	0.5	< 2	0.69	1.5	10	20	59	2.74	< 10	< 1	0.11	10	0.41	495
11BS 0093	201	202	< 5	0.4	1.11	8	700	< 0.5	< 2	0.53	1.0	8	21	43	2.18	< 10	< 1	0.11	10	0.37	360
11BS 0094	201	202	< 5	0.6	0.99	12	590	< 0.5	< 2	0.57	1.5	9	19	51	2.40	< 10	< 1	0.10	10	0.36	420
11BS 0095	201	202	< 5	0.6	1.14	12	760	0.5	< 2	0.64	1.5	10	22	54	2.57	< 10	< 1	0.13	10	0.42	460

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. ~*

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 22-SEP-97
Invoice No. :I9742620
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9742620

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
10BS 0388	201	202	6	< 0.01	29	880	8	2	3	46	0.01	< 10	< 10	105	< 10	178
10BS 0389	201	202	3	< 0.01	24	720	8	< 2	3	40	0.03	< 10	< 10	69	< 10	156
10BS 0390	201	202	6	< 0.01	32	910	10	< 2	4	53	0.03	< 10	< 10	109	< 10	210
10BS 0391	201	202	5	< 0.01	35	1040	6	< 2	5	54	0.03	< 10	< 10	116	< 10	246
10BS 0392	201	202	5	< 0.01	29	820	8	< 2	4	47	0.03	< 10	< 10	106	< 10	198
10BS 0393	201	202	5	< 0.01	28	810	8	2	4	45	0.03	< 10	< 10	94	< 10	186
10BS 0394	201	202	5	< 0.01	33	910	10	< 2	4	56	0.03	< 10	< 10	116	< 10	208
10BS 0395	201	202	6	< 0.01	30	910	10	< 2	4	51	0.03	< 10	< 10	101	< 10	204
10BS 0396	201	202	6	< 0.01	31	920	10	< 2	4	54	0.03	< 10	< 10	97	< 10	206
10BS 0397	201	202	5	< 0.01	26	830	10	< 2	4	55	0.03	< 10	< 10	80	< 10	166
10BS 0398	201	202	6	< 0.01	35	1040	10	< 2	4	62	0.03	< 10	< 10	102	< 10	214
10BS 0399	201	202	14	< 0.01	37	1150	12	< 2	4	68	0.02	< 10	< 10	134	< 10	222
10BS 0400	201	202	6	< 0.01	32	1010	8	2	4	57	0.03	< 10	< 10	92	< 10	202
10BS 0401	201	202	5	< 0.01	30	890	10	< 2	4	53	0.03	< 10	< 10	89	< 10	202
10BS 0402	201	202	1	< 0.01	14	620	6	< 2	3	23	0.04	< 10	< 10	37	< 10	52
10BS 0403	201	202	1	0.01	22	830	16	< 2	4	40	0.04	< 10	< 10	43	< 10	88
10BS 0404	201	202	3	0.01	31	850	16	< 2	6	69	0.05	< 10	< 10	70	< 10	118
10BS 0405	201	202	3	< 0.01	35	780	14	< 2	6	45	0.04	< 10	< 10	71	< 10	166
10BS 0406	201	202	4	0.01	28	760	10	< 2	5	59	0.05	< 10	< 10	79	< 10	142
10BS 0407	201	202	6	0.01	36	850	12	< 2	4	78	0.03	< 10	< 10	87	< 10	168
11BSS 0076	201	202	1	< 0.01	35	370	12	< 2	4	18	0.04	< 10	< 10	59	< 10	96
11BSS 0077	201	202	1	< 0.01	9	490	6	< 2	< 1	12	0.01	< 10	< 10	38	< 10	34
11BSS 0078	201	202	1	< 0.01	10	680	6	< 2	< 1	13	0.01	< 10	< 10	44	< 10	40
11BSS 0079	201	202	< 1	< 0.01	14	570	8	< 2	1	12	0.02	< 10	< 10	42	< 10	52
11BS 0080	201	202	1	< 0.01	14	530	6	< 2	1	21	0.03	< 10	< 10	42	< 10	68
11BS 0081	201	202	1	< 0.01	17	750	10	< 2	3	23	0.03	< 10	< 10	42	< 10	74
11BS 0082	201	202	1	< 0.01	22	750	10	< 2	2	17	0.01	< 10	< 10	43	< 10	80
11BS 0083	201	202	1	< 0.01	24	820	8	< 2	3	47	0.01	< 10	< 10	38	< 10	118
11BS 0084	201	202	1	< 0.01	28	630	6	< 2	3	91	0.01	< 10	< 10	25	< 10	124
11BS 0085	201	202	6	< 0.01	36	1420	18	< 2	4	171	< 0.01	< 10	< 10	80	< 10	130
11BS 0086	201	202	5	< 0.01	49	1660	16	< 2	4	181	0.01	< 10	< 10	97	< 10	186
11BS 0087	201	202	2	< 0.01	17	690	10	< 2	4	29	0.05	< 10	< 10	63	< 10	80
11BS 0088	201	202	4	< 0.01	39	1120	14	< 2	5	102	0.03	< 10	< 10	84	< 10	198
11BS 0089	201	202	1	< 0.01	20	640	10	< 2	4	31	0.05	< 10	< 10	58	< 10	88
11BS 0090	201	202	3	< 0.01	30	870	10	< 2	4	86	0.03	< 10	< 10	68	< 10	144
11BS 0091	201	202	4	< 0.01	37	930	12	< 2	4	101	0.03	< 10	< 10	64	< 10	148
11BS 0092	201	202	6	< 0.01	39	1130	10	< 2	4	120	0.01	< 10	< 10	78	< 10	176
11BS 0093	201	202	5	< 0.01	30	810	8	< 2	4	89	0.03	< 10	< 10	76	< 10	138
11BS 0094	201	202	6	< 0.01	35	890	10	< 2	4	97	0.01	< 10	< 10	72	< 10	158
11BS 0095	201	202	6	< 0.01	37	950	10	< 2	4	109	0.02	< 10	< 10	87	< 10	170

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 22-SEP-97
Invoice No. :19742620
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9742620

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
11DSS 0099	201	202	< 5	< 0.2	2.83	2	350	< 0.5	< 2	0.43	< 0.5	41	160	68	4.41	< 10	< 1	0.06	10	2.82	940
11DS 0100	201	202	< 5	< 0.2	0.23	8	140	< 0.5	< 2	0.07	< 0.5	2	7	37	0.82	< 10	< 1	0.09	10	0.04	25
11DSS 0101	201	202	< 5	< 0.2	1.44	6	290	0.5	< 2	0.64	0.5	19	51	56	3.95	< 10	< 1	0.11	10	0.62	375
11DSS 0102	201	202	< 5	< 0.2	1.38	14	230	< 0.5	< 2	0.25	< 0.5	9	31	33	3.56	< 10	< 1	0.12	10	0.46	350
11DSS 0104	201	202	< 5	< 0.2	1.90	12	240	0.5	< 2	0.15	< 0.5	11	38	47	4.10	< 10	< 1	0.10	10	0.43	330
11DSS 0106	201	202	< 5	0.2	2.18	6	370	0.5	< 2	0.52	< 0.5	17	52	59	4.08	< 10	< 1	0.07	10	0.73	450
11DS 0107	201	202	< 5	< 0.2	2.09	6	250	< 0.5	< 2	0.95	0.5	13	33	48	3.02	< 10	< 1	0.07	10	0.76	520
11 DSS 0108	201	202	< 5	0.2	2.04	2	300	< 0.5	< 2	1.09	0.5	13	35	44	3.07	< 10	< 1	0.07	10	0.67	525
11DSS 0109	201	202	< 5	< 0.2	1.75	4	290	< 0.5	< 2	0.81	0.5	11	29	27	2.56	< 10	< 1	0.07	10	0.55	540
11DS 0110	201	202	< 5	< 0.2	1.85	6	370	< 0.5	< 2	0.36	< 0.5	11	33	40	3.14	< 10	< 1	0.05	10	0.79	225
11DS 0111	201	202	< 5	0.2	1.68	6	360	< 0.5	< 2	0.95	0.5	15	29	43	2.95	< 10	< 1	0.07	10	0.64	770
11DS 0112	201	202	< 5	< 0.2	1.77	< 2	290	< 0.5	< 2	0.70	< 0.5	9	30	30	2.27	< 10	< 1	0.07	10	0.69	180
11DS 0113	201	202	< 5	< 0.2	1.53	4	250	< 0.5	< 2	0.61	< 0.5	9	27	18	2.41	< 10	< 1	0.07	10	0.59	320
12AS 0293	201	202	< 5	< 0.2	1.15	2	260	< 0.5	< 2	1.26	< 0.5	9	16	19	2.35	< 10	< 1	0.07	10	0.61	335
12AS 0294	201	202	< 5	< 0.2	1.01	2	270	< 0.5	< 2	1.40	< 0.5	9	15	29	2.22	< 10	< 1	0.07	10	0.54	405
12AS 0295	201	202	< 5	< 0.2	0.98	< 2	240	< 0.5	< 2	1.18	< 0.5	8	14	22	2.19	< 10	< 1	0.06	10	0.56	290
12AS 0296	201	202	< 5	< 0.2	0.95	< 2	250	< 0.5	< 2	1.16	< 0.5	8	14	19	2.05	< 10	< 1	0.06	10	0.54	460
12AS 0297	201	202	< 5	< 0.2	0.95	< 2	240	< 0.5	< 2	1.25	< 0.5	8	13	20	2.00	< 10	< 1	0.06	10	0.49	500
12AS 0298	201	202	< 5	< 0.2	0.95	< 2	300	< 0.5	< 2	1.79	< 0.5	10	14	18	2.45	< 10	< 1	0.06	10	0.49	1060
12AS 0299	201	202	< 5	< 0.2	0.83	< 2	420	< 0.5	< 2	2.11	< 0.5	11	12	15	3.95	< 10	< 1	0.07	10	0.38	2560
12BSS0300	201	202	< 5	< 0.2	1.35	2	320	< 0.5	< 2	0.11	< 0.5	3	25	16	1.76	< 10	< 1	0.06	10	0.31	100
12BS 0301	201	202	< 5	0.6	1.28	< 2	430	< 0.5	< 2	2.15	3.5	4	18	60	1.30	< 10	< 1	0.12	10	0.62	180
12BS 0302	201	202	< 5	0.2	1.35	4	680	< 0.5	< 2	0.77	0.5	6	19	33	1.69	< 10	< 1	0.07	10	0.53	235
12BS 0303	201	202	< 5	0.2	1.39	2	430	< 0.5	< 2	1.03	0.5	5	19	28	1.54	< 10	< 1	0.09	10	0.53	175
12BS 0304	201	202	< 5	0.2	1.36	< 2	440	< 0.5	< 2	0.84	0.5	6	18	35	1.85	< 10	< 1	0.08	10	0.53	190
12BS 0305	201	202	< 5	0.6	1.82	< 2	850	0.5	< 2	1.31	0.5	8	24	38	2.22	< 10	< 1	0.07	10	0.57	515
12BS 0306	201	202	< 5	0.6	1.40	< 2	630	< 0.5	< 2	1.51	1.5	5	19	43	1.90	< 10	< 1	0.07	10	0.54	360
12BS 0307	201	202	< 5	0.2	1.22	6	640	< 0.5	< 2	1.04	1.0	6	17	40	1.98	< 10	< 1	0.07	10	0.47	375
12BS 0308	201	202	< 5	0.6	1.19	6	530	< 0.5	< 2	0.80	0.5	6	18	38	2.08	< 10	< 1	0.07	10	0.44	375
12BSS0309	201	202	< 5	0.4	1.24	< 2	450	< 0.5	< 2	1.10	0.5	7	17	37	2.11	< 10	< 1	0.06	10	0.48	505
12BS 0310	201	202	< 5	< 0.2	0.96	< 2	340	< 0.5	< 2	0.63	0.5	5	16	31	1.72	< 10	< 1	0.05	< 10	0.37	225
12BS 0311	201	202	< 5	0.2	1.03	10	440	< 0.5	< 2	0.61	0.5	8	22	45	2.39	< 10	< 1	0.09	10	0.43	375
12BS 0312	201	202	< 5	0.4	1.24	6	550	< 0.5	< 2	1.22	1.0	7	21	62	2.28	< 10	< 1	0.10	10	0.54	325
12BS 0313	201	202	< 5	0.2	1.21	4	520	< 0.5	< 2	1.00	0.5	8	22	51	2.24	< 10	< 1	0.11	10	0.47	280
12BS 0314	201	202	< 5	0.2	1.54	2	660	0.5	< 2	0.85	0.5	10	24	39	2.43	< 10	< 1	0.11	10	0.53	705
12BS 0315	201	202	< 5	0.2	1.43	4	620	< 0.5	< 2	0.77	0.5	9	22	36	2.21	< 10	< 1	0.11	10	0.50	390
12BS 0316	201	202	< 5	0.2	1.27	6	510	< 0.5	< 2	0.72	0.5	8	20	31	2.07	< 10	< 1	0.08	10	0.47	400
12BS 0317	201	202	15	0.2	1.09	8	540	< 0.5	< 2	0.68	0.5	9	18	36	2.24	< 10	< 1	0.09	10	0.46	650
12BS 0318	201	202	< 5	< 0.2	1.26	2	490	< 0.5	< 2	0.71	0.5	8	20	34	2.11	< 10	< 1	0.08	10	0.46	450
12BS 0319	201	202	< 5	0.2	1.37	6	540	< 0.5	< 2	0.84	0.5	9	21	39	2.27	< 10	< 1	0.10	10	0.49	555

CERTIFICATION: Ian Bradley

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CERTIFICATE OF ANALYSIS A9742620

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
11DSS 0099	201	202	< 1	< 0.01	126	680	2	< 2	12	23	0.17	< 10	< 10	102	< 10	68
11DS 0100	201	202	< 1	< 0.01	8	160	6	< 2	1	16	< 0.01	< 10	< 10	10	< 10	26
11DSS 0101	201	202	2	< 0.01	56	1150	8	< 2	10	33	0.01	< 10	< 10	87	< 10	104
11DSS 0102	201	202	1	< 0.01	23	770	8	< 2	2	22	0.03	< 10	< 10	59	< 10	102
11DSS 0104	201	202	2	< 0.01	33	780	12	< 2	3	17	0.01	< 10	< 10	70	< 10	122
11DSS 0106	201	202	3	< 0.01	34	1330	2	< 2	7	32	0.02	< 10	< 10	107	< 10	70
11DS 0107	201	202	1	< 0.01	32	830	6	< 2	6	37	0.07	< 10	< 10	74	< 10	90
11 DSS 0108	201	202	2	< 0.01	32	1080	6	< 2	6	49	0.04	< 10	< 10	75	< 10	100
11DSS 0109	201	202	1	< 0.01	24	1010	6	< 2	4	42	0.03	< 10	< 10	65	< 10	88
11DS 0110	201	202	1	< 0.01	33	830	6	< 2	5	25	0.05	< 10	< 10	74	< 10	90
11DS 0111	201	202	1	< 0.01	30	1040	8	< 2	5	37	0.04	< 10	< 10	57	< 10	84
11DS 0112	201	202	< 1	< 0.01	24	700	6	< 2	6	33	0.07	< 10	< 10	63	< 10	78
11DS 0113	201	202	1	< 0.01	20	830	6	< 2	5	30	0.08	< 10	< 10	61	< 10	88
12AS 0293	201	202	< 1	< 0.01	17	860	6	< 2	4	60	0.02	< 10	< 10	29	< 10	64
12AS 0294	201	202	1	< 0.01	19	780	8	< 2	4	93	0.01	< 10	< 10	27	< 10	60
12AS 0295	201	202	< 1	< 0.01	17	780	6	< 2	3	78	0.01	< 10	< 10	27	< 10	58
12AS 0296	201	202	1	< 0.01	15	790	4	< 2	3	67	0.01	< 10	< 10	26	< 10	60
12AS 0297	201	202	< 1	< 0.01	15	720	6	< 2	3	65	0.01	< 10	< 10	25	< 10	56
12AS 0298	201	202	< 1	< 0.01	16	830	8	< 2	3	86	0.01	< 10	< 10	25	< 10	54
12AS 0299	201	202	< 1	0.01	14	790	4	< 2	3	102	0.01	< 10	< 10	24	< 10	80
12BSS0300	201	202	< 1	< 0.01	10	670	8	< 2	< 1	12	0.01	< 10	< 10	48	< 10	44
12BS 0301	201	202	2	0.01	27	1540	2	< 2	2	145	0.02	< 10	< 10	32	< 10	142
12BS 0302	201	202	2	< 0.01	20	920	2	< 2	3	74	0.02	< 10	< 10	34	< 10	90
12BS 0303	201	202	1	< 0.01	20	940	4	< 2	1	78	0.02	< 10	< 10	32	< 10	86
12BS 0304	201	202	1	< 0.01	23	840	6	< 2	2	69	0.01	< 10	< 10	34	< 10	92
12BS 0305	201	202	3	< 0.01	26	1430	6	< 2	2	114	0.03	< 10	< 10	46	< 10	94
12BS 0306	201	202	3	< 0.01	29	1290	6	< 2	2	126	0.01	< 10	< 10	33	< 10	134
12BS 0307	201	202	3	< 0.01	27	1110	8	< 2	2	98	0.01	< 10	< 10	33	< 10	120
12BS 0308	201	202	3	< 0.01	25	1020	8	< 2	2	82	0.01	< 10	< 10	34	< 10	106
12BSS0309	201	202	3	< 0.01	24	1140	6	< 2	3	93	0.01	< 10	< 10	34	< 10	146
12BS 0310	201	202	2	< 0.01	20	830	6	< 2	2	57	0.01	< 10	< 10	30	< 10	88
12BS 0311	201	202	3	< 0.01	31	1020	6	< 2	4	59	0.04	< 10	< 10	46	< 10	118
12BS 0312	201	202	3	< 0.01	31	1170	6	< 2	4	106	0.03	< 10	< 10	48	< 10	136
12BS 0313	201	202	3	< 0.01	30	1120	6	< 2	4	92	0.03	< 10	< 10	49	< 10	118
12BS 0314	201	202	2	< 0.01	29	1060	10	< 2	4	90	0.03	< 10	< 10	51	< 10	128
12BS 0315	201	202	1	< 0.01	28	1050	10	< 2	4	80	0.03	< 10	< 10	45	< 10	116
12BS 0316	201	202	1	< 0.01	25	950	8	< 2	4	72	0.03	< 10	< 10	38	< 10	100
12BS 0317	201	202	2	< 0.01	29	1060	8	< 2	4	79	0.02	< 10	< 10	41	< 10	108
12BS 0318	201	202	1	< 0.01	26	900	6	< 2	3	72	0.02	< 10	< 10	40	< 10	102
12BS 0319	201	202	2	< 0.01	29	940	8	< 2	4	86	0.03	< 10	< 10	44	< 10	124

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Page Number :6-A
Total Pages :6
Certificate Date: 22-SEP-97
Invoice No. :I9742620
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9742620

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
12BS 0320	201	202	< 5	< 0.2	1.08	2	390	< 0.5	< 2	0.61	0.5	7	16	31	1.85	< 10	< 1	0.06	10	0.43	410
12BS 0321	201	202	< 5	0.2	1.04	< 2	360	< 0.5	< 2	0.42	< 0.5	7	16	23	1.59	< 10	< 1	0.04	10	0.39	250
12BS 0322	201	202	< 5	0.2	1.06	< 2	390	< 0.5	< 2	0.67	0.5	7	16	32	1.85	< 10	< 1	0.05	10	0.44	360
12BS 0323	201	202	< 5	0.2	1.39	< 2	650	0.5	< 2	1.21	0.5	8	23	39	1.99	< 10	< 1	0.08	10	0.83	350
12BS 0324	201	202	< 5	0.2	1.22	2	450	< 0.5	< 2	0.82	0.5	7	20	31	1.85	< 10	< 1	0.07	10	0.57	330
12BS 0325	201	202	< 5	< 0.2	1.27	4	470	< 0.5	< 2	0.77	< 0.5	7	21	31	1.82	< 10	< 1	0.08	10	0.64	240
12BS 0326	201	202	< 5	< 0.2	1.35	< 2	500	< 0.5	< 2	0.88	0.5	7	21	33	1.86	< 10	< 1	0.10	10	0.63	325
12BS 0327	201	202	< 5	< 0.2	1.36	2	430	< 0.5	< 2	0.89	0.5	7	21	31	1.80	< 10	< 1	0.10	10	0.64	260
12DS 0264	201	202	< 5	1.0	1.13	6	250	< 0.5	< 2	1.47	11.0	5	27	44	1.41	< 10	< 1	0.06	< 10	0.45	185
12DS 0265	201	202	< 5	1.6	0.99	20	290	0.5	< 2	1.24	12.5	12	27	85	2.63	< 10	< 1	0.08	10	0.38	675
12DS 0266	201	202	< 5	1.2	1.03	14	250	< 0.5	< 2	1.02	11.5	6	26	50	1.86	< 10	< 1	0.06	< 10	0.37	265
12DS 0267	201	202	< 5	1.2	1.04	12	280	0.5	< 2	1.10	14.5	8	25	56	2.11	< 10	< 1	0.07	10	0.38	410
12DS 0268	201	202	< 5	1.0	1.11	10	290	0.5	< 2	1.03	11.0	8	27	50	1.97	< 10	< 1	0.09	10	0.38	500
12DS 0269	201	202	< 5	0.6	0.98	14	240	< 0.5	< 2	0.62	5.5	6	23	39	1.91	< 10	< 1	0.08	10	0.32	290
12DS 0270	201	202	< 5	0.8	1.01	10	250	< 0.5	< 2	0.76	7.0	7	23	47	2.10	< 10	< 1	0.07	10	0.35	325
12DS 0271	201	202	< 5	1.0	0.90	16	270	< 0.5	< 2	0.99	10.5	9	21	56	2.22	< 10	< 1	0.07	< 10	0.33	635
12DS 0272	201	202	< 5	0.8	0.85	14	250	< 0.5	< 2	0.78	7.0	8	20	49	2.14	< 10	< 1	0.06	< 10	0.30	455
12DS 0273	201	202	< 5	1.0	0.97	14	270	< 0.5	< 2	1.06	10.0	7	22	57	2.17	< 10	< 1	0.07	< 10	0.36	470
12DS 0274	201	202	< 5	1.0	0.91	14	280	0.5	< 2	0.92	8.5	8	22	55	2.37	< 10	< 1	0.07	< 10	0.30	470
12DS 0275	201	202	< 5	1.0	1.02	14	290	0.5	< 2	0.94	8.5	8	26	60	2.28	< 10	< 1	0.09	10	0.33	420
12DS 0276	201	202	< 5	1.2	1.09	12	260	0.5	< 2	1.30	11.0	7	27	60	2.12	< 10	< 1	0.09	10	0.35	380
12DS 0277	201	202	< 5	0.8	0.96	8	270	0.5	< 2	0.80	4.5	7	23	50	2.02	< 10	< 1	0.09	10	0.30	330
12DS 0278	201	202	< 5	0.6	0.83	10	260	< 0.5	< 2	0.75	4.5	7	19	47	2.00	< 10	< 1	0.09	10	0.26	360
12DS 0279	201	202	< 5	0.8	1.01	10	270	< 0.5	< 2	0.94	4.5	7	23	52	2.02	< 10	< 1	0.09	10	0.34	360
12DS 0280	201	202	10	0.8	1.03	12	310	0.5	< 2	1.01	6.5	9	24	57	2.28	< 10	< 1	0.11	10	0.33	430
12DS 0281	201	202	< 5	0.8	0.83	8	200	< 0.5	< 2	0.93	3.5	7	19	52	1.97	< 10	< 1	0.08	< 10	0.28	370
12DS 0282	201	202	< 5	0.6	0.87	10	290	0.5	< 2	1.04	4.0	8	19	48	2.09	< 10	< 1	0.09	10	0.33	500
12DS 0283	201	202	< 5	0.6	0.79	16	320	0.5	< 2	1.30	7.5	11	18	60	2.61	< 10	< 1	0.09	10	0.34	780
12DS 0284	201	202	< 5	0.6	0.76	10	210	< 0.5	< 2	1.12	6.5	7	16	45	1.93	< 10	< 1	0.07	< 10	0.29	420
12DS 0285	201	202	< 5	0.6	0.78	10	280	< 0.5	< 2	1.03	5.0	9	16	45	2.21	< 10	< 1	0.06	< 10	0.29	520
12DS 0286	201	202	< 5	0.6	0.76	8	230	< 0.5	< 2	0.84	6.0	8	17	39	1.88	< 10	< 1	0.06	< 10	0.28	435
12DS 0287	201	202	< 5	0.4	0.64	10	390	< 0.5	< 2	0.54	2.0	6	17	40	1.71	< 10	< 1	0.07	< 10	0.24	300
12DS 0288	201	202	< 5	0.6	0.72	8	470	< 0.5	< 2	0.62	2.5	6	19	47	1.82	< 10	< 1	0.08	10	0.26	305

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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British Columbia, Canada V7J 2C1
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To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 22-SEP-97
Invoice No. :I9742620
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9742620

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
12BS 0320	201 202	2	< 0.01	22	810	6	< 2	3	63	0.01	< 10	< 10	32	< 10	96
12BS 0321	201 202	1	< 0.01	16	670	4	< 2	3	43	0.01	< 10	< 10	28	< 10	72
12BS 0322	201 202	1	< 0.01	22	840	6	< 2	3	69	0.01	< 10	< 10	30	< 10	98
12BS 0323	201 202	1	< 0.01	23	890	6	< 2	4	114	0.01	< 10	< 10	35	< 10	108
12BS 0324	201 202	1	< 0.01	22	840	6	< 2	4	82	0.02	< 10	< 10	33	< 10	96
12BS 0325	201 202	1	< 0.01	21	810	6	< 2	4	76	0.03	< 10	< 10	38	< 10	90
12BS 0326	201 202	1	< 0.01	22	860	6	< 2	4	92	0.03	< 10	< 10	38	< 10	96
12BS 0327	201 202	1	< 0.01	21	780	6	< 2	4	104	0.03	< 10	< 10	39	< 10	90
12DS 0264	201 202	2	0.01	128	1610	4	< 2	1	100	0.01	< 10	10	86	< 10	1120
12DS 0265	201 202	21	0.01	179	1700	8	2	2	87	0.01	< 10	10	271	< 10	1585
12DS 0266	201 202	11	0.01	146	1540	6	2	1	76	0.01	< 10	< 10	171	< 10	1710
12DS 0267	201 202	12	< 0.01	153	1620	8	2	1	85	0.01	< 10	< 10	188	< 10	1680
12DS 0268	201 202	10	< 0.01	136	1530	6	2	1	81	0.01	< 10	< 10	175	< 10	1550
12DS 0269	201 202	7	< 0.01	82	1250	6	< 2	2	61	0.02	< 10	< 10	143	< 10	906
12DS 0270	201 202	9	< 0.01	101	1450	8	< 2	2	71	0.01	< 10	< 10	150	< 10	1150
12DS 0271	201 202	12	< 0.01	132	1680	8	< 2	1	85	0.01	< 10	< 10	169	< 10	1355
12DS 0272	201 202	10	< 0.01	109	1590	8	2	1	77	0.01	< 10	< 10	152	< 10	1180
12DS 0273	201 202	11	< 0.01	128	1690	8	2	2	89	0.01	< 10	< 10	164	< 10	1325
12DS 0274	201 202	12	< 0.01	115	1810	8	2	2	89	0.01	< 10	< 10	172	< 10	1300
12DS 0275	201 202	11	< 0.01	118	1790	8	2	2	86	0.01	< 10	< 10	198	< 10	1270
12DS 0276	201 202	9	< 0.01	135	1730	8	2	2	89	0.01	< 10	< 10	186	< 10	1485
12DS 0277	201 202	7	< 0.01	69	1570	8	< 2	3	72	0.01	< 10	< 10	148	< 10	732
12DS 0278	201 202	7	< 0.01	64	1500	6	2	3	70	0.01	< 10	< 10	139	< 10	732
12DS 0279	201 202	6	< 0.01	72	1450	8	< 2	3	76	0.01	< 10	< 10	148	< 10	752
12DS 0280	201 202	7	< 0.01	86	1580	8	< 2	3	88	0.01	< 10	< 10	154	< 10	922
12DS 0281	201 202	9	< 0.01	66	1370	8	< 2	3	66	0.01	< 10	< 10	126	< 10	638
12DS 0282	201 202	8	< 0.01	61	1320	8	2	3	76	0.01	< 10	< 10	124	< 10	554
12DS 0283	201 202	14	< 0.01	84	1560	8	2	3	88	0.01	< 10	< 10	153	< 10	802
12DS 0284	201 202	7	< 0.01	72	1260	6	< 2	3	67	0.01	< 10	< 10	103	< 10	736
12DS 0285	201 202	8	< 0.01	55	1280	8	2	3	70	0.01	< 10	< 10	110	< 10	554
12DS 0286	201 202	6	< 0.01	59	1140	6	< 2	3	60	0.01	< 10	< 10	89	< 10	628
12DS 0287	201 202	4	< 0.01	37	1240	6	< 2	3	63	0.01	< 10	< 10	87	< 10	260
12DS 0288	201 202	4	< 0.01	41	1340	8	< 2	3	71	0.02	< 10	< 10	107	< 10	290

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9742672

Comments: ATTN: GEORGE NICHOLSON

CERTIFICATE A9742672

(PHY) - INTERNATIONAL KODIAK RESOURCES INC.

Project:
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 23-SEP-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	81	Dry, sieve to -80 mesh
202	81	save reject
229	81	ICP - AQ Digestion charge
* NOTE	1:	

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

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	81	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2118	81	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	81	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	81	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	81	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	81	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	81	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	81	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	81	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	81	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	81	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	81	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	81	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	81	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	81	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	81	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	81	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	81	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	81	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	81	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	81	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	81	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	81	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	81	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	81	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	81	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	81	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	81	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	81	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	81	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	81	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	81	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	81	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

Chemex Labs Ltd.

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To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 23-SEP-97
Invoice No. :I9742672
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9742672

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
AN5S 0075	201	202	< 5	< 0.2	1.77	< 2	260	< 0.5	< 2	0.71	< 0.5	13	113	23	2.30	< 10	< 1	0.06	10	1.49	365
AN5S 0076	201	202	< 5	< 0.2	1.61	< 2	390	< 0.5	< 2	0.88	< 0.5	9	46	19	2.06	< 10	< 1	0.09	20	0.86	370
AN5S 0078	201	202	< 5	< 0.2	1.70	< 2	490	0.5	< 2	0.97	< 0.5	7	30	16	2.07	< 10	< 1	0.12	40	0.68	320
AN5S 0079	201	202	< 5	< 0.2	1.54	< 2	450	0.5	< 2	0.83	< 0.5	8	29	14	2.09	< 10	< 1	0.13	30	0.69	395
AN5S 0080	201	202	< 5	< 0.2	1.62	< 2	500	0.5	< 2	1.10	0.5	7	28	16	1.81	< 10	< 1	0.15	40	0.66	380
AN5S 0081	201	202	< 5	< 0.2	1.75	< 2	570	0.5	< 2	1.43	0.5	7	28	18	1.91	< 10	< 1	0.16	40	0.73	500
AN5S 0082	201	202	< 5	0.2	1.99	< 2	620	0.5	< 2	1.38	0.5	8	33	23	2.11	< 10	< 1	0.15	40	0.78	430
AN6S 0200	201	202	< 5	< 0.2	1.12	2	190	< 0.5	< 2	0.39	< 0.5	7	31	12	1.45	< 10	< 1	0.03	10	0.42	190
AN6S 0201	201	202	< 5	< 0.2	1.17	8	210	< 0.5	< 2	0.50	< 0.5	12	65	13	1.83	< 10	1	0.03	10	0.73	385
AN6S 0202	201	202	< 5	< 0.2	1.44	8	280	< 0.5	< 2	0.59	0.5	13	42	16	2.37	< 10	< 1	0.05	10	0.53	785
AN6S 0203	201	202	10	< 0.2	1.44	8	260	< 0.5	< 2	0.57	0.5	11	44	20	2.22	< 10	< 1	0.05	10	0.52	460
AN6S 0204	201	202	< 5	< 0.2	1.13	4	180	< 0.5	< 2	0.38	< 0.5	7	41	11	1.61	< 10	< 1	0.03	10	0.51	190
AN6S 0205	201	202	< 5	< 0.2	1.46	8	280	< 0.5	< 2	0.56	0.5	12	40	15	2.35	< 10	< 1	0.05	10	0.51	900
AN6S 0207A	201	202	< 5	< 0.2	1.29	8	240	< 0.5	< 2	0.62	0.5	9	45	18	1.84	< 10	< 1	0.04	10	0.49	340
AN6S 0207B	201	202	< 5	< 0.2	1.10	10	200	< 0.5	< 2	0.38	< 0.5	9	45	13	1.86	< 10	< 1	0.03	10	0.52	340
AN6S 0208	201	202	< 5	< 0.2	1.20	6	180	< 0.5	< 2	0.81	1.0	8	22	28	2.34	< 10	< 1	0.05	10	0.50	660
AN6S 0209	201	202	< 5	< 0.2	0.92	20	160	< 0.5	< 2	0.97	7.0	9	18	19	7.68	< 10	1	0.04	< 10	0.35	745
BN6 001	201	202	< 5	0.6	1.45	10	250	< 0.5	< 2	0.28	< 0.5	13	19	17	2.03	< 10	< 1	0.07	10	0.27	435
BN6 002	201	202	< 5	1.0	1.83	14	370	< 0.5	< 2	0.25	0.5	15	24	24	2.26	< 10	< 1	0.09	10	0.30	690
BN6 003	201	202	< 5	0.2	1.86	8	320	< 0.5	< 2	0.20	< 0.5	7	46	21	2.18	< 10	1	0.06	10	0.45	275
BN6 004	201	202	< 5	< 0.2	1.34	2	200	< 0.5	< 2	0.37	< 0.5	13	16	30	3.15	< 10	< 1	0.12	40	0.32	795
BN6 005	201	202	< 5	< 0.2	1.01	6	230	< 0.5	< 2	0.32	< 0.5	8	18	14	1.90	< 10	< 1	0.07	10	0.31	345
BN6 006	201	202	15	< 0.2	1.40	4	400	< 0.5	< 2	0.33	< 0.5	16	33	28	2.75	< 10	< 1	0.11	10	0.35	1015
BN6 007	201	202	< 5	0.2	1.44	2	190	< 0.5	< 2	0.17	< 0.5	4	21	12	1.58	< 10	< 1	0.07	10	0.25	95
BN6 008	201	202	< 5	< 0.2	1.79	6	350	< 0.5	< 2	0.32	< 0.5	11	27	36	3.62	< 10	1	0.12	20	0.23	440
BN6 009	201	202	< 5	< 0.2	1.30	< 2	210	< 0.5	< 2	0.18	< 0.5	5	19	11	1.59	< 10	< 1	0.05	10	0.25	115
MN6S 15	201	202	< 5	< 0.2	0.90	8	180	< 0.5	< 2	0.36	< 0.5	18	15	29	2.96	< 10	< 1	0.07	10	0.27	2160
MN6S 16	201	202	10	< 0.2	0.91	12	290	< 0.5	< 2	0.47	< 0.5	29	15	24	3.28	< 10	< 1	0.07	10	0.27	6460
MN6S 17	201	202	< 5	< 0.2	0.88	10	250	< 0.5	< 2	0.33	< 0.5	21	14	27	2.99	< 10	< 1	0.08	10	0.24	3790
MN6S 18	201	202	< 5	< 0.2	0.91	12	230	< 0.5	< 2	0.33	< 0.5	14	14	30	2.74	< 10	< 1	0.07	20	0.23	1325
MN6S 19	201	202	< 5	< 0.2	1.04	14	260	< 0.5	< 2	0.43	0.5	21	17	29	3.09	< 10	< 1	0.09	30	0.28	3250
MN6S 20	201	202	< 5	< 0.2	1.19	8	260	< 0.5	< 2	0.44	< 0.5	20	18	26	2.84	< 10	< 1	0.09	20	0.30	3200
MN6S 21	201	202	< 5	< 0.2	0.89	10	230	< 0.5	< 2	0.41	< 0.5	22	16	31	3.06	< 10	< 1	0.08	20	0.26	3310
MN6S 22	201	202	48	< 0.2	0.90	10	250	< 0.5	< 2	0.45	0.5	26	15	29	3.05	< 10	< 1	0.09	20	0.26	4640
MN6S 23	201	202	20	< 0.2	0.70	8	160	< 0.5	< 2	0.31	< 0.5	13	13	32	2.83	< 10	1	0.06	10	0.19	1145
MN6S 24	201	202	< 5	< 0.2	0.75	8	170	< 0.5	< 2	0.34	< 0.5	13	13	28	2.61	< 10	< 1	0.07	10	0.22	1495
MN6S 25	201	202	< 5	< 0.2	0.83	12	170	< 0.5	< 2	0.46	< 0.5	12	14	36	2.80	< 10	< 1	0.09	20	0.26	610
MN6S 26	201	202	< 5	< 0.2	0.75	8	150	< 0.5	< 2	0.31	< 0.5	12	15	25	2.53	< 10	< 1	0.07	20	0.24	1080
MN6S 27	201	202	15	< 0.2	0.96	8	190	< 0.5	< 2	0.45	< 0.5	16	20	25	2.62	< 10	1	0.08	10	0.33	1865
SN6S 01	201	202	< 5	< 0.2	0.97	4	230	< 0.5	< 2	0.35	< 0.5	11	16	20	2.62	< 10	< 1	0.08	10	0.27	775

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. -*

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 23-SEP-97
Invoice No. :I9742672
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9742672

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
AN5S 0075	201	202	< 1	< 0.01	59	870	8	< 2	3	44	0.10	< 10	< 10	38	< 10	58
AN5S 0076	201	202	< 1	< 0.01	27	820	16	< 2	3	63	0.07	< 10	< 10	33	< 10	58
AN5S 0078	201	202	< 1	< 0.01	21	680	22	< 2	4	78	0.06	< 10	10	31	< 10	62
AN5S 0079	201	202	< 1	< 0.01	20	740	20	< 2	3	64	0.06	< 10	< 10	30	< 10	58
AN5S 0080	201	202	< 1	< 0.01	19	670	22	< 2	4	87	0.05	< 10	< 10	25	< 10	60
AN5S 0081	201	202	< 1	< 0.01	21	720	24	< 2	4	112	0.03	< 10	10	24	< 10	66
AN5S 0082	201	202	1	< 0.01	23	740	30	< 2	4	111	0.04	< 10	10	29	< 10	76
AN6S 0200	201	202	1	< 0.01	39	490	8	< 2	3	28	0.05	< 10	< 10	29	< 10	54
AN6S 0201	201	202	1	< 0.01	98	510	8	< 2	3	31	0.04	< 10	< 10	31	< 10	62
AN6S 0202	201	202	1	< 0.01	61	580	10	< 2	4	38	0.05	< 10	< 10	38	< 10	78
AN6S 0203	201	202	1	< 0.01	51	610	14	< 2	4	38	0.06	< 10	< 10	39	< 10	76
AN6S 0204	201	202	< 1	< 0.01	51	510	8	< 2	3	30	0.05	< 10	< 10	28	< 10	60
AN6S 0205	201	202	1	< 0.01	59	620	10	< 2	3	37	0.06	< 10	< 10	38	< 10	90
AN6S 0207A	201	202	< 1	< 0.01	58	570	8	< 2	3	37	0.05	< 10	< 10	33	< 10	72
AN6S 0207B	201	202	1	< 0.01	54	530	10	< 2	3	31	0.04	< 10	< 10	28	< 10	70
AN6S 0208	201	202	4	0.01	28	660	10	< 2	3	44	0.05	< 10	< 10	37	< 10	94
AN6S 0209	201	202	6	< 0.01	30	850	8	< 2	2	58	0.04	< 10	< 10	32	< 10	94
BN6 001	201	202	< 1	< 0.01	27	760	20	< 2	1	24	0.01	< 10	< 10	24	< 10	104
BN6 002	201	202	< 1	0.01	30	950	24	< 2	1	26	0.01	< 10	< 10	31	< 10	94
BN6 003	201	202	1	< 0.01	29	660	12	< 2	2	22	0.03	< 10	< 10	42	< 10	62
BN6 004	201	202	1	< 0.01	40	1040	18	< 2	1	34	0.01	< 10	< 10	20	< 10	118
BN6 005	201	202	< 1	< 0.01	19	530	10	< 2	2	29	0.03	< 10	< 10	26	< 10	52
BN6 006	201	202	1	< 0.01	43	780	18	< 2	2	39	0.01	< 10	< 10	29	< 10	98
BN6 007	201	202	< 1	< 0.01	16	580	24	< 2	1	17	0.01	< 10	< 10	26	< 10	66
BN6 008	201	202	1	0.01	47	1090	46	< 2	3	27	0.01	< 10	< 10	31	< 10	294
BN6 009	201	202	< 1	< 0.01	15	400	20	< 2	1	17	0.01	< 10	< 10	23	< 10	68
MN6S 15	201	202	3	< 0.01	43	600	20	< 2	2	32	0.01	< 10	< 10	22	< 10	96
MN6S 16	201	202	1	< 0.01	69	620	16	< 2	1	43	0.01	< 10	< 10	21	< 10	106
MN6S 17	201	202	1	< 0.01	48	600	18	< 2	2	30	0.01	< 10	< 10	21	< 10	102
MN6S 18	201	202	1	< 0.01	34	550	22	< 2	2	30	0.01	< 10	< 10	21	< 10	86
MN6S 19	201	202	1	< 0.01	52	620	20	< 2	2	42	0.02	< 10	< 10	23	< 10	114
MN6S 20	201	202	1	< 0.01	48	550	18	2	2	43	0.02	< 10	< 10	24	< 10	104
MN6S 21	201	202	1	< 0.01	54	560	20	2	2	40	0.01	< 10	< 10	22	< 10	106
MN6S 22	201	202	2	< 0.01	63	610	18	< 2	2	43	0.01	< 10	< 10	22	< 10	120
MN6S 23	201	202	1	< 0.01	34	700	16	< 2	2	33	0.02	< 10	< 10	21	< 10	86
MN6S 24	201	202	1	< 0.01	35	540	16	< 2	1	34	0.01	< 10	< 10	20	< 10	90
MN6S 25	201	202	1	< 0.01	34	610	22	< 2	2	43	0.01	< 10	< 10	20	< 10	100
MN6S 26	201	202	1	< 0.01	32	560	18	< 2	2	32	0.02	< 10	< 10	22	< 10	82
MN6S 27	201	202	< 1	< 0.01	40	570	18	< 2	2	40	0.02	< 10	< 10	24	< 10	96
SN6S 01	201	202	< 1	< 0.01	22	490	14	< 2	2	34	0.01	< 10	< 10	22	< 10	64

CERTIFICATION:_____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
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PHONE: 604-984-0221 FAX: 604-984-0218

To: INTERNATIONAL KODIAK RESOURCES INC. ~*

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 23-SEP-97
Invoice No. : I9742672
P.O. Number :
Account : PHY

CERTIFICATE OF ANALYSIS A9742672

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
SN6S 02	201	202	< 5	< 0.2	0.66	< 2	140	< 0.5	< 2	0.21	< 0.5	8	13	16	1.87	< 10	1	0.07	10	0.19	245
SN6S 03	201	202	< 5	< 0.2	0.73	2	160	< 0.5	< 2	0.23	< 0.5	7	14	18	1.98	< 10	< 1	0.07	10	0.20	245
SN6S 04	201	202	< 5	< 0.2	0.86	< 2	190	< 0.5	< 2	0.26	< 0.5	8	15	18	1.99	< 10	< 1	0.08	10	0.24	295
SN6S 05	201	202	< 5	< 0.2	0.80	2	180	< 0.5	< 2	0.26	< 0.5	8	14	17	1.92	< 10	< 1	0.07	20	0.22	325
SN6S 06	201	202	< 5	< 0.2	1.04	2	240	< 0.5	< 2	0.35	< 0.5	11	18	23	2.30	< 10	< 1	0.09	20	0.27	560
SN6S 07	201	202	< 5	< 0.2	1.68	16	360	< 0.5	< 2	0.27	< 0.5	6	58	25	2.63	< 10	1	0.07	10	0.27	180
SN6S 08	201	202	< 5	< 0.2	1.06	4	250	< 0.5	< 2	0.38	< 0.5	12	18	23	2.35	< 10	< 1	0.09	10	0.29	655
SN6S 09	201	202	< 5	< 0.2	1.11	2	260	< 0.5	< 2	0.38	< 0.5	12	19	23	2.40	< 10	< 1	0.09	10	0.31	635
SN6S 10	201	202	< 5	< 0.2	1.25	2	240	< 0.5	< 2	0.20	< 0.5	4	24	20	1.56	< 10	< 1	0.04	< 10	0.26	75
SN6S 11	201	202	< 5	< 0.2	1.25	4	340	< 0.5	< 2	0.51	< 0.5	15	28	27	3.01	< 10	< 1	0.09	10	0.34	1305
SN6S 12	201	202	< 5	< 0.2	1.54	8	470	< 0.5	< 2	0.66	0.5	22	31	30	4.08	< 10	< 1	0.12	10	0.41	3510
SN6S 13	201	202	< 5	< 0.2	0.82	< 2	190	< 0.5	< 2	0.33	< 0.5	7	17	14	1.66	< 10	1	0.06	10	0.26	310
SN6S 14	201	202	< 5	< 0.2	0.97	6	240	< 0.5	< 2	0.37	< 0.5	8	20	16	1.65	< 10	1	0.07	10	0.30	350
SN6S 15	201	202	< 5	< 0.2	0.90	2	150	< 0.5	< 2	0.37	< 0.5	7	17	12	1.83	< 10	< 1	0.06	20	0.30	305
SN6S 16	201	202	< 5	< 0.2	0.79	6	200	< 0.5	< 2	0.36	< 0.5	10	18	15	1.86	< 10	1	0.07	10	0.26	340
SN6S 17	201	202	< 5	< 0.2	0.78	6	190	< 0.5	< 2	0.35	< 0.5	9	17	16	1.85	< 10	< 1	0.07	10	0.26	325
WN5S 0041	201	202	< 5	< 0.2	1.94	4	300	< 0.5	< 2	0.46	< 0.5	24	27	8	2.75	< 10	< 1	0.07	10	0.78	1525
WN5S 0042	201	202	< 5	< 0.2	1.98	< 2	250	< 0.5	< 2	0.34	< 0.5	14	25	8	2.67	< 10	< 1	0.08	10	0.78	740
WN5S 0043	201	202	< 5	< 0.2	2.27	2	240	0.5	< 2	0.59	< 0.5	11	31	13	2.94	< 10	< 1	0.09	20	0.90	540
WN5S 0044	201	202	< 5	< 0.2	1.90	< 2	320	< 0.5	< 2	0.45	< 0.5	9	23	10	2.52	< 10	< 1	0.09	10	0.72	425
WN5S 0045	201	202	< 5	< 0.2	1.74	< 2	260	< 0.5	< 2	0.37	< 0.5	10	22	9	2.58	< 10	< 1	0.08	10	0.78	430
WN5S 0046	201	202	< 5	< 0.2	1.73	2	210	< 0.5	< 2	0.40	< 0.5	11	28	12	2.68	< 10	< 1	0.09	10	0.82	395
WN5S 0047	201	202	< 5	< 0.2	1.39	2	180	< 0.5	< 2	0.25	< 0.5	6	20	7	2.06	< 10	< 1	0.07	10	0.57	265
WN5S 0048	201	202	< 5	< 0.2	1.49	2	230	< 0.5	< 2	0.24	< 0.5	5	17	8	1.92	< 10	< 1	0.12	20	0.58	160
WN5S 0049	201	202	< 5	< 0.2	1.44	2	200	< 0.5	< 2	0.27	< 0.5	5	24	8	1.64	< 10	1	0.08	10	0.59	155
WN5S 0050	201	202	< 5	< 0.2	1.32	< 2	170	< 0.5	< 2	0.27	< 0.5	7	28	8	2.00	< 10	1	0.07	10	0.58	300
WN6S 0040	201	202	< 5	< 0.2	1.47	32	300	< 0.5	< 2	0.50	< 0.5	15	28	17	2.66	< 10	< 1	0.06	10	0.37	935
WN6S 0041	201	202	< 5	0.2	0.90	64	210	< 0.5	< 2	0.30	< 0.5	8	21	21	2.28	< 10	< 1	0.05	10	0.23	360
WN6S 0042	201	202	< 5	0.2	0.66	52	150	< 0.5	< 2	0.21	< 0.5	6	16	15	1.80	< 10	< 1	0.04	10	0.20	220
WN6S 0043	201	202	< 5	0.2	0.73	54	170	< 0.5	< 2	0.26	< 0.5	8	20	17	2.15	< 10	< 1	0.04	10	0.22	350
WN6S 0044	201	202	< 5	< 0.2	0.99	38	220	< 0.5	< 2	0.32	< 0.5	10	21	17	2.29	< 10	< 1	0.05	10	0.28	750
WN6S 0045	201	202	< 5	0.2	0.83	46	170	< 0.5	< 2	0.33	< 0.5	8	18	18	2.13	< 10	< 1	0.04	10	0.27	295
WN6S 0046	201	202	< 5	< 0.2	1.40	28	200	< 0.5	< 2	0.56	0.5	10	26	25	2.39	< 10	< 1	0.05	10	0.42	310
WN6S 0047	201	202	< 5	< 0.2	1.44	44	230	< 0.5	< 2	0.59	0.5	12	28	27	2.80	< 10	< 1	0.05	10	0.43	360
WN6S 0048	201	202	< 5	0.2	1.45	50	220	< 0.5	< 2	0.55	0.5	12	28	26	2.83	< 10	< 1	0.06	10	0.42	405
WN6S 0049	201	202	< 5	< 0.2	1.07	20	180	< 0.5	< 2	0.40	0.5	9	24	13	2.07	< 10	< 1	0.06	10	0.33	495
WN6S 0050	201	202	< 5	0.2	1.26	50	220	< 0.5	< 2	0.44	0.5	9	25	23	2.42	< 10	< 1	0.06	20	0.35	285
WN6S 0051	201	202	< 5	< 0.2	0.99	28	160	< 0.5	< 2	0.36	< 0.5	8	21	14	2.02	< 10	< 1	0.05	10	0.32	315
WN6S 0052	201	202	< 5	< 0.2	0.96	32	150	< 0.5	< 2	0.36	< 0.5	9	21	15	2.23	< 10	< 1	0.04	10	0.35	370
WN6S 0053	201	202	< 5	< 0.2	1.04	32	160	< 0.5	< 2	0.37	< 0.5	8	21	15	2.05	< 10	< 1	0.04	10	0.35	255

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SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
SN6S 02	201	202	< 1	< 0.01	19	450	14	< 2	1	22	0.01	< 10	< 10	17	< 10	58
SN6S 03	201	202	< 1	< 0.01	19	480	14	< 2	1	23	0.01	< 10	< 10	19	< 10	58
SN6S 04	201	202	< 1	< 0.01	20	490	14	< 2	2	25	0.02	< 10	< 10	21	< 10	62
SN6S 05	201	202	< 1	< 0.01	19	460	14	< 2	1	27	0.02	< 10	< 10	20	< 10	58
SN6S 06	201	202	1	< 0.01	24	520	16	< 2	3	35	0.02	< 10	< 10	25	< 10	70
SN6S 07	201	202	3	< 0.01	29	740	18	< 2	3	36	0.03	< 10	< 10	48	< 10	54
SN6S 08	201	202	< 1	< 0.01	24	500	18	< 2	3	37	0.01	< 10	< 10	23	< 10	72
SN6S 09	201	202	< 1	< 0.01	25	510	18	< 2	3	37	0.01	< 10	< 10	24	< 10	76
SN6S 10	201	202	1	< 0.01	13	290	14	< 2	3	20	0.04	< 10	< 10	38	< 10	38
SN6S 11	201	202	1	< 0.01	35	590	18	< 2	3	48	0.02	< 10	< 10	29	< 10	106
SN6S 12	201	202	1	< 0.01	48	660	22	< 2	3	64	0.01	< 10	< 10	32	< 10	190
SN6S 13	201	202	< 1	< 0.01	23	430	10	< 2	1	29	0.03	< 10	< 10	20	< 10	66
SN6S 14	201	202	< 1	< 0.01	22	460	10	< 2	2	34	0.02	< 10	< 10	23	< 10	68
SN6S 15	201	202	< 1	< 0.01	19	400	12	< 2	1	29	0.03	< 10	< 10	23	< 10	66
SN6S 16	201	202	< 1	< 0.01	35	500	10	< 2	2	32	0.02	< 10	< 10	22	< 10	96
SN6S 17	201	202	< 1	< 0.01	36	510	10	< 2	2	32	0.02	< 10	< 10	22	< 10	102
WN5S 0041	201	202	< 1	< 0.01	13	630	14	< 2	3	35	0.03	< 10	< 10	46	< 10	62
WN5S 0042	201	202	< 1	< 0.01	14	660	14	< 2	3	26	0.03	< 10	< 10	43	< 10	62
WN5S 0043	201	202	< 1	< 0.01	16	640	18	< 2	4	50	0.04	< 10	< 10	48	< 10	68
WN5S 0044	201	202	1	< 0.01	13	570	18	< 2	3	36	0.05	< 10	< 10	41	< 10	66
WN5S 0045	201	202	1	< 0.01	13	550	16	< 2	3	28	0.05	< 10	< 10	46	< 10	62
WN5S 0046	201	202	< 1	0.01	16	730	18	< 2	4	31	0.06	< 10	< 10	45	< 10	60
WN5S 0047	201	202	< 1	< 0.01	10	530	16	< 2	3	20	0.05	< 10	< 10	36	< 10	50
WN5S 0048	201	202	< 1	< 0.01	11	520	16	< 2	3	23	0.06	< 10	< 10	27	< 10	62
WN5S 0049	201	202	< 1	< 0.01	11	480	16	< 2	3	23	0.05	< 10	< 10	25	< 10	50
WN5S 0050	201	202	< 1	< 0.01	17	520	14	< 2	3	22	0.05	< 10	< 10	34	< 10	52
WN6S 0040	201	202	3	< 0.01	25	430	14	< 2	3	44	0.03	< 10	< 10	36	< 10	66
WN6S 0041	201	202	3	< 0.01	22	410	12	< 2	3	31	0.02	< 10	< 10	27	< 10	64
WN6S 0042	201	202	2	< 0.01	17	360	10	< 2	1	22	0.01	< 10	< 10	21	< 10	54
WN6S 0043	201	202	3	< 0.01	21	390	12	< 2	2	25	0.01	< 10	< 10	23	< 10	62
WN6S 0044	201	202	2	< 0.01	20	400	12	2	2	30	0.01	< 10	< 10	27	< 10	64
WN6S 0045	201	202	1	< 0.01	20	410	10	< 2	2	28	0.01	< 10	< 10	25	< 10	64
WN6S 0046	201	202	< 1	< 0.01	20	400	16	< 2	5	34	0.03	< 10	< 10	41	< 10	90
WN6S 0047	201	202	3	< 0.01	25	480	18	< 2	5	41	0.03	< 10	< 10	42	< 10	96
WN6S 0048	201	202	3	< 0.01	25	450	14	< 2	4	42	0.03	< 10	< 10	41	< 10	98
WN6S 0049	201	202	1	< 0.01	20	460	12	< 2	3	36	0.04	< 10	< 10	32	< 10	68
WN6S 0050	201	202	2	< 0.01	23	420	14	< 2	4	38	0.03	< 10	< 10	36	< 10	80
WN6S 0051	201	202	2	< 0.01	19	430	12	< 2	2	32	0.04	< 10	< 10	30	< 10	64
WN6S 0052	201	202	1	< 0.01	19	400	10	< 2	3	28	0.03	< 10	< 10	30	< 10	70
WN6S 0053	201	202	2	< 0.01	18	390	12	< 2	3	30	0.04	< 10	< 10	32	< 10	68

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. ~*

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 23-SEP-97
Invoice No. : I9742672
P.O. Number :
Account : PHY

CERTIFICATE OF ANALYSIS A9742672

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
3CSS 0125	201	202	< 5	< 0.2	2.76	2	180	< 0.5	< 2	0.16	< 0.5	7	35	8	4.16	< 10	< 1	0.05	10	0.39	375

CERTIFICATION: Jean A. Pezzotti

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Page Number :3-B
Total Pages :3
Certificate Date: 23-SEP-97
Invoice No. : I9742672
P.O. Number :
Account : PHY

CERTIFICATE OF ANALYSIS A9742672

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
3CSS 0125	201	202	1	< 0.01	10	800	12	< 2	3	13	0.05	< 10	< 10	67	< 10	38

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
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PHONE: 604-984-0221 FAX: 604-984-0218

To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9743720

Comments: ATTN: GEORGE NICHOLSON

CERTIFICATE A9743720

(PHY) - INTERNATIONAL KODIAK RESOURCES INC.

Project:
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 30-SEP-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	8	Geochem ring to approx 150 mesh
226	8	0-3 Kg crush and split
3202	8	Rock - save entire reject
229	8	ICP - AQ Digestion charge

* NOTE 1:

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

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	8	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	8	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	8	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	8	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	8	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	8	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	8	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	8	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	8	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	8	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	8	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	8	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	8	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	8	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	8	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	8	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	8	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	8	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	8	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	8	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	8	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	8	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	8	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	8	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	8	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	8	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	8	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	8	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	8	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	8	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	8	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	8	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	8	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
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PHONE: 604-984-0221 FAX: 604-984-0218

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

CERTIFICATE OF ANALYSIS A9743720

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
11ER 0130	205	226	< 5	< 0.2	3.14	< 2	90	< 0.5	< 2	1.93	9.0	94	70	1090	9.53	10	< 10	0.03	< 10	2.32	1275
11ER 0147	205	226	< 5	< 0.2	3.29	40	870	0.5	< 2	1.53	0.5	7	67	8	2.68	10	10	0.57	30	1.00	420
11ER 0149	205	226	< 5	< 0.2	4.07	8	110	1.0	< 2	4.26	< 0.5	19	68	64	4.07	10	10	0.40	10	1.29	235
11ER 0150	205	226	< 5	0.2	3.22	2	110	0.5	< 2	1.75	0.5	7	66	62	1.95	10	30	0.33	10	1.15	135
11ER 0158	205	226	< 5	>100.0	0.14	102	210	< 0.5	< 2	0.10	>100.0	9	36	108	>15.00	< 10	10300	0.11	10	0.11	>10000
18ER 0160	205	226	< 5	1.8	2.94	< 2	30	0.5	< 2	3.66	< 0.5	64	50	376	8.64	< 10	30	0.07	< 10	0.48	140
20N4R 0001	205	226	< 5	2.2	0.71	2	30	< 0.5	< 2	0.03	2.0	4	184	9	1.86	< 10	290	0.04	< 10	0.23	780
20N4R 0002	205	226	< 5	< 0.2	0.95	8	70	0.5	< 2	0.06	< 0.5	4	57	1	1.48	< 10	< 10	0.22	10	0.14	345

CERTIFICATION: Ivan Bridden

Chemex Labs Ltd.

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 30-SEP-97
Invoice No. :19743720
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9743720

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
11ER 0130	205	226	< 1	0.02	48	490	< 2	< 2	20	8	0.30	< 10	10	188	< 10	2360
11ER 0147	205	226	< 1	0.20	5	760	44	< 2	5	279	0.26	< 10	< 10	73	< 10	100
11ER 0149	205	226	< 1	0.39	34	1050	12	6	5	224	0.25	< 10	< 10	101	< 10	30
11ER 0150	205	226	1	0.31	23	1180	22	2	3	175	0.10	< 10	< 10	72	< 10	134
11ER 0158	205	226	3	< 0.01	20	250	>10000	182	1	31	< 0.01	< 10	20	13	< 10	>10000
18ER 0160	205	226	35	0.36	24	700	86	2	2	203	0.12	< 10	< 10	30	< 10	42
20N4R 0001	205	226	< 1	0.03	11	140	634	< 2	1	7	< 0.01	< 10	< 10	7	< 10	332
20N4R 0002	205	226	< 1	0.04	5	360	40	< 2	1	16	< 0.01	< 10	< 10	12	< 10	90

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9743730

Comments: ATTN: GEORGE NICHOLSON

CERTIFICATE A9743730

(PHY) - INTERNATIONAL KODIAK RESOURCES INC.

Project:
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 1-OCT-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	38	Geochem ring to approx 150 mesh
226	38	0-3 Kg crush and split
3202	38	Rock - save entire reject
229	38	ICP - AQ Digestion charge
* NOTE	1:	

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

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	38	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	38	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	38	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	38	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	38	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	38	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	38	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	38	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	38	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	38	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	38	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	38	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	38	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	38	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	38	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	38	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	38	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	38	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	38	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	38	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	38	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	38	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	38	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	38	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	38	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	38	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	38	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	38	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	38	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	38	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	38	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	38	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	38	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
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To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Page Number :1-A
Total Pages :1
Certificate Date: 01-OCT-97
Invoice No. :I9743730
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9743730

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
3AR 0231	205	226	10	< 0.2	0.24	6	70	< 0.5	< 2	0.01	< 0.5	1	192	60	4.72	< 10	30	0.01	< 10	< 0.01	20
3AR 0232	205	226	< 5	< 0.2	1.03	< 2	520	< 0.5	< 2	0.03	< 0.5	3	21	48	1.70	< 10	70	0.29	< 10	0.30	50
3AR 0233	205	226	< 5	< 0.2	0.47	2	330	< 0.5	< 2	< 0.01	< 0.5	2	83	41	2.83	< 10	30	0.04	< 10	0.08	35
3AR 0234	205	226	< 5	< 0.2	0.36	100	620	0.5	< 2	0.03	< 0.5	1	98	124	6.37	< 10	210	0.25	< 10	< 0.01	15
6AR 419	205	226	< 5	< 0.2	3.08	< 2	100	1.0	< 2	1.91	< 0.5	10	2	5	5.08	10	10	0.08	50	2.98	1085
6AR 420	205	226	< 5	< 0.2	3.55	6	190	< 0.5	< 2	8.64	< 0.5	26	22	43	6.03	10	20	0.08	10	2.54	1050
6AR 426	205	226	< 5	< 0.2	2.45	< 2	190	< 0.5	< 2	7.53	< 0.5	42	244	85	3.67	< 10	< 10	0.08	10	2.53	595
6AR 432	205	226	< 5	< 0.2	2.37	< 2	160	< 0.5	< 2	12.15	< 0.5	21	41	89	2.92	< 10	10	0.06	< 10	1.66	565
6AR 439	205	226	< 5	< 0.2	2.50	6	210	< 0.5	< 2	1.12	< 0.5	25	98	6	4.43	10	< 10	0.04	< 10	1.91	315
6AR 445	205	226	< 5	< 0.2	2.62	2	350	< 0.5	< 2	8.16	< 0.5	22	94	42	4.61	10	30	0.03	10	2.60	675
11AR 0223	205	226	< 5	3.4	0.34	26	420	< 0.5	< 2	0.12	< 0.5	2	103	30	2.79	< 10	120	0.10	< 10	0.13	40
1 0224	205	226	< 5	0.6	0.45	8	430	< 0.5	< 2	0.45	< 0.5	2	127	25	1.31	< 10	100	0.14	< 10	0.18	55
11AR 0233	205	226	< 5	< 0.2	0.22	< 2	130	< 0.5	< 2	0.01	< 0.5	< 1	209	23	0.52	< 10	10	0.04	< 10	0.08	30
18AR 0281	205	226	< 5	0.2	0.51	18	840	< 0.5	< 2	0.04	0.5	7	133	81	5.23	< 10	100	0.07	< 10	0.02	1945
3BR 0208	205	226	< 5	< 0.2	3.72	2	110	0.5	< 2	1.06	0.5	35	77	83	6.25	10	< 10	0.12	10	4.94	550
9BR 0030	205	226	< 5	< 0.2	4.42	< 2	2250	0.5	< 2	1.48	< 0.5	37	10	43	8.32	10	20	0.10	20	3.88	755
9BR 0358	205	226	< 5	< 0.2	0.93	< 2	110	< 0.5	< 2	0.34	< 0.5	9	165	35	1.89	< 10	< 10	0.03	< 10	1.12	190
9BR 0359	205	226	< 5	< 0.2	0.32	2	190	< 0.5	< 2	0.25	< 0.5	3	194	12	0.95	< 10	260	0.04	< 10	0.25	65
9BR 0360	205	226	< 5	< 0.2	0.95	< 2	10	< 0.5	< 2	0.04	< 0.5	7	157	7	1.78	< 10	< 10	< 0.01	10	0.87	130
9BR 0361	205	226	< 5	< 0.2	3.48	< 2	110	< 0.5	< 2	2.79	< 0.5	21	45	77	5.62	10	< 10	0.04	20	3.99	630
9BR 0362	205	226	< 5	< 0.2	3.77	< 2	90	< 0.5	< 2	2.51	< 0.5	28	5	48	6.18	10	< 10	0.02	20	4.27	640
18BR 0184	205	226	< 5	< 0.2	1.16	8	280	< 0.5	< 2	0.09	< 0.5	7	54	53	2.44	< 10	130	0.28	10	0.51	155
18BR 0190	205	226	< 5	< 0.2	0.37	18	130	< 0.5	< 2	0.08	< 0.5	1	119	157	4.94	< 10	220	0.03	< 10	0.14	50
18BR 0206	205	226	20	0.2	0.80	2	230	< 0.5	< 2	0.02	< 0.5	4	29	82	1.09	< 10	40	0.17	< 10	0.12	80
18BR 0216	205	226	< 5	< 0.2	0.26	2	100	< 0.5	< 2	0.02	< 0.5	4	145	9	1.34	< 10	20	0.15	< 10	0.03	260
20BR 0041	205	226	< 5	< 0.2	0.20	2	80	< 0.5	< 2	0.01	< 0.5	4	172	38	1.39	< 10	60	0.06	< 10	0.03	225
20BR 0043	205	226	< 5	< 0.2	1.10	8	490	0.5	< 2	8.42	< 0.5	20	90	57	5.12	< 10	130	0.15	10	2.37	1265
20BR 0044	205	226	< 5	0.2	2.29	26	520	0.5	< 2	0.37	0.5	8	107	38	1.80	< 10	10	0.63	< 10	1.18	280
2CR 314	205	226	< 5	0.2	0.19	2	210	< 0.5	< 2	0.34	1.5	< 1	230	17	0.81	< 10	50	0.04	< 10	0.05	45
2CR 317	205	226	< 5	< 0.2	0.26	< 2	180	< 0.5	< 2	1.41	0.5	4	107	17	2.37	< 10	10	0.11	< 10	1.26	255
6DR 382	205	226	< 5	0.2	1.93	6	380	0.5	< 2	0.11	< 0.5	8	47	47	2.74	< 10	130	0.40	10	0.66	140
6DR 391	205	226	< 5	< 0.2	0.49	< 2	290	< 0.5	< 2	0.03	< 0.5	1	157	24	1.24	< 10	80	0.16	< 10	0.14	85
6DR 397	205	226	< 5	< 0.2	0.24	< 2	180	< 0.5	< 2	0.01	< 0.5	3	250	29	0.88	< 10	60	0.08	< 10	0.04	90
6DSS 408	205	226	< 5	< 0.2	1.81	10	270	0.5	< 2	0.14	< 0.5	11	48	40	3.32	< 10	90	0.29	10	0.39	800
ROCKBET0014-0015	205	226	< 5	< 0.2	0.62	2	300	< 0.5	< 2	3.91	< 0.5	3	105	49	1.23	< 10	80	0.12	< 10	0.37	310
ROCK 0025-0026	205	226	< 5	< 0.2	3.70	2	1040	0.5	< 2	3.74	< 0.5	23	112	63	6.06	10	40	0.13	10	3.52	970
ROCKBET0025-0026	205	226	25	0.2	0.25	2	140	< 0.5	< 2	0.03	< 0.5	1	194	42	1.01	< 10	190	0.10	< 10	0.06	25
60418	205	226	< 5	< 0.2	0.10	2	130	< 0.5	< 2	0.53	< 0.5	1	212	2	0.92	< 10	< 10	0.03	< 10	0.07	525

CERTIFICATION: Stewart Bamber

Chemex Labs Ltd.

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Page Number :1-B
Total Pages :1
Certificate Date: 01-OCT-97
Invoice No. :I9743730
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9743730

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
3AR 0231	205 226	4	< 0.01	6	170	6	< 2	2	3	< 0.01	< 10	< 10	46	< 10	34
3AR 0232	205 226	< 1	0.01	10	100	4	< 2	3	20	< 0.01	< 10	< 10	11	< 10	26
3AR 0233	205 226	< 1	< 0.01	16	180	2	< 2	1	5	< 0.01	< 10	< 10	14	< 10	80
3AR 0234	205 226	11	0.01	4	2410	8	2	4	254	< 0.01	< 10	< 10	128	< 10	22
6AR 419	205 226	1	0.02	< 1	2860	8	2	3	97	< 0.01	< 10	< 10	79	< 10	104
6AR 420	205 226	< 1	< 0.01	29	1970	4	< 2	11	745	0.18	< 10	< 10	229	< 10	78
6AR 426	205 226	< 1	0.01	223	940	< 2	< 2	9	132	0.38	< 10	< 10	100	< 10	60
6AR 432	205 226	< 1	< 0.01	120	690	< 2	< 2	4	179	0.27	< 10	< 10	61	< 10	36
6AR 439	205 226	< 1	0.06	85	2270	< 2	< 2	5	38	0.03	< 10	< 10	175	< 10	136
6AR 445	205 226	< 1	< 0.01	43	1090	2	< 2	8	302	0.38	< 10	< 10	118	< 10	68
11AR 0223	205 226	17	< 0.01	12	4590	10	6	1	41	< 0.01	< 10	< 10	313	< 10	16
1 0224	205 226	16	< 0.01	11	320	2	2	1	30	0.02	< 10	< 10	87	< 10	14
11AR 0233	205 226	< 1	< 0.01	6	90	2	< 2	< 1	5	< 0.01	< 10	< 10	9	< 10	10
18AR 0281	205 226	15	< 0.01	42	520	2	2	3	16	< 0.01	< 10	< 10	145	< 10	120
3BR 0208	205 226	< 1	0.01	115	1360	< 2	< 2	6	49	0.43	< 10	< 10	171	< 10	78
9BR 0030	205 226	< 1	0.02	25	1400	4	< 2	12	120	0.01	< 10	< 10	180	< 10	114
9BR 0358	205 226	< 1	< 0.01	34	280	< 2	< 2	3	13	0.15	< 10	< 10	43	< 10	38
9BR 0359	205 226	< 1	< 0.01	8	1280	< 2	< 2	1	34	< 0.01	< 10	< 10	22	< 10	8
9BR 0360	205 226	1	0.03	32	110	10	< 2	2	3	< 0.01	< 10	< 10	49	< 10	52
9BR 0361	205 226	< 1	< 0.01	30	1450	< 2	2	9	42	0.46	< 10	< 10	173	< 10	90
9BR 0362	205 226	< 1	< 0.01	24	1640	< 2	< 2	9	35	0.38	< 10	< 10	229	< 10	134
18BR 0184	205 226	< 1	< 0.01	17	210	16	< 2	2	12	0.01	< 10	< 10	19	< 10	48
18BR 0190	205 226	3	< 0.01	8	220	6	2	1	13	0.01	< 10	< 10	87	< 10	80
18BR 0206	205 226	< 1	< 0.01	19	120	12	< 2	4	13	< 0.01	< 10	< 10	52	< 10	70
18BR 0216	205 226	< 1	0.02	11	120	12	< 2	1	4	< 0.01	< 10	< 10	8	< 10	30
20BR 0041	205 226	< 1	< 0.01	21	130	2	< 2	< 1	6	< 0.01	< 10	< 10	12	< 10	30
20BR 0043	205 226	< 1	0.01	57	710	14	< 2	13	167	0.01	< 10	< 10	98	< 10	78
20BR 0044	205 226	< 1	0.10	31	260	28	< 2	6	40	0.07	< 10	< 10	85	< 10	100
2CR 314	205 226	2	< 0.01	27	910	< 2	< 2	< 1	41	< 0.01	< 10	< 10	68	< 10	118
2CR 317	205 226	< 1	< 0.01	16	90	< 2	< 2	1	81	< 0.01	< 10	< 10	4	< 10	102
6DR 382	205 226	1	0.01	41	390	14	< 2	5	27	0.01	< 10	< 10	41	< 10	102
6DR 391	205 226	< 1	< 0.01	15	50	2	< 2	1	9	< 0.01	< 10	< 10	9	< 10	62
6DR 397	205 226	< 1	< 0.01	12	40	2	< 2	1	13	< 0.01	< 10	< 10	10	< 10	42
6DSS 408	205 226	6	0.01	44	250	12	< 2	4	15	0.01	< 10	< 10	33	< 10	292
ROCKBET0014-0015	205 226	< 1	< 0.01	11	240	< 2	< 2	2	89	< 0.01	< 10	< 10	15	< 10	30
ROCK 0025-0026	205 226	< 1	0.07	59	1110	4	2	17	201	< 0.01	< 10	< 10	177	< 10	96
ROCKBET0025-0026	205 226	< 1	< 0.01	10	30	8	< 2	< 1	7	< 0.01	< 10	< 10	9	< 10	4
60418	205 226	< 1	< 0.01	8	150	< 2	< 2	< 1	8	< 0.01	< 10	< 10	5	< 10	8

CERTIFICATION:

Chemex Labs Ltd.

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

To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9743790

Comments: ATTN: GEORGE NICHOLSON

CERTIFICATE A9743790

(PHY) - INTERNATIONAL KODIAK RESOURCES INC.

Project:
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 1-OCT-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	193	Dry, sieve to -80 mesh
202	193	save reject
229	193	ICP - AQ Digestion charge
* NOTE	1:	

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

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	192	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2118	193	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	193	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	193	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	193	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	193	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	193	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	193	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	193	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	193	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	193	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	193	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	193	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	193	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	193	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	193	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	193	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	193	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	193	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	193	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	193	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	193	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	193	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	193	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	193	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	193	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	193	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	193	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	193	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	193	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	193	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	193	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	193	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

Chemex Labs Ltd.

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

CERTIFICATE OF ANALYSIS A9743790

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
3AS 0235	201	202	< 5	< 0.2	1.19	4	350	< 0.5	< 2	0.70	1.0	8	16	42	2.04	< 10	180	0.08	10	0.51	500
3AS 0236	201	202	< 5	< 0.2	1.36	10	500	< 0.5	< 2	0.69	1.0	12	16	33	2.41	< 10	120	0.09	10	0.64	885
4ASS 0561	201	202	< 5	0.2	1.58	8	190	< 0.5	< 2	1.26	0.5	12	46	33	2.75	< 10	480	0.04	10	0.65	435
4ASS 0562	201	202	< 5	< 0.2	1.39	2	140	< 0.5	< 2	1.71	< 0.5	12	48	43	2.23	< 10	230	0.03	< 10	0.67	325
4ASS 0563	201	202	< 5	< 0.2	1.52	2	250	< 0.5	< 2	1.94	< 0.5	13	44	41	2.29	< 10	100	0.03	< 10	0.73	590
4ASS 0564	201	202	< 5	< 0.2	1.53	2	230	< 0.5	< 2	1.84	< 0.5	12	52	53	2.32	< 10	160	0.04	< 10	0.71	360
4ASS 0565	201	202	< 5	< 0.2	1.24	2	320	< 0.5	< 2	2.10	< 0.5	8	32	26	1.57	< 10	70	0.03	< 10	0.43	420
4ASS 0566	201	202	< 5	< 0.2	1.86	4	190	< 0.5	< 2	1.35	< 0.5	15	62	28	2.64	< 10	110	0.03	< 10	1.03	535
4ASS 0567	201	202	< 5	< 0.2	1.72	< 2	200	< 0.5	< 2	1.50	< 0.5	13	53	33	2.30	< 10	110	0.03	< 10	0.90	410
4ASS 0568	201	202	< 5	< 0.2	1.43	6	230	< 0.5	< 2	1.25	< 0.5	9	36	22	1.89	< 10	70	0.04	< 10	0.61	265
4ASS 0569	201	202	< 5	< 0.2	1.67	2	180	< 0.5	< 2	1.63	< 0.5	10	48	31	2.12	< 10	170	0.04	10	0.76	210
4AS 0570	201	202	< 5	< 0.2	1.65	2	110	< 0.5	< 2	1.56	0.5	12	51	43	2.31	< 10	130	0.04	< 10	1.05	335
4ASS 0571	201	202	< 5	< 0.2	1.66	2	110	< 0.5	< 2	1.61	0.5	13	53	37	2.34	< 10	160	0.05	< 10	1.01	340
4AS 0572	201	202	< 5	< 0.2	1.64	2	110	< 0.5	< 2	1.25	< 0.5	13	53	28	2.36	< 10	60	0.03	< 10	1.03	355
4AS 0573	201	202	< 5	< 0.2	1.58	2	130	< 0.5	< 2	1.56	0.5	12	48	33	2.20	< 10	90	0.04	< 10	0.92	385
4AS 0574	201	202	< 5	< 0.2	1.52	4	120	< 0.5	< 2	2.24	0.5	10	40	41	1.77	< 10	130	0.05	< 10	0.77	390
4AS 0575	201	202	< 5	< 0.2	1.53	2	140	< 0.5	< 2	1.79	0.5	9	40	29	1.74	< 10	100	0.05	< 10	0.76	300
4AS 0576	201	202	< 5	< 0.2	1.51	2	190	< 0.5	< 2	2.18	0.5	9	38	39	2.03	< 10	190	0.05	< 10	0.83	385
4AS 0577	201	202	< 5	< 0.2	1.66	< 2	180	< 0.5	< 2	1.75	< 0.5	11	42	31	2.29	< 10	90	0.05	10	0.93	370
4AS 0578	201	202	< 5	< 0.2	1.74	6	180	< 0.5	< 2	1.50	< 0.5	11	47	30	2.55	< 10	70	0.05	10	1.07	270
4AS 0579	201	202	< 5	< 0.2	1.68	8	180	< 0.5	< 2	1.48	< 0.5	11	47	28	2.58	< 10	60	0.03	10	1.04	300
4AS 0580	201	202	< 5	< 0.2	1.80	< 2	180	< 0.5	< 2	1.33	< 0.5	15	56	29	2.77	< 10	60	0.03	< 10	1.28	405
4AS 0581	201	202	< 5	< 0.2	1.48	2	200	< 0.5	< 2	1.53	0.5	11	40	29	2.28	< 10	70	0.05	< 10	0.90	410
4AS 0582	201	202	< 5	< 0.2	1.62	< 2	220	< 0.5	< 2	2.29	< 0.5	10	44	37	2.21	< 10	110	0.05	< 10	0.94	285
4AS 0583	201	202	< 5	< 0.2	1.32	< 2	180	< 0.5	< 2	1.10	< 0.5	10	34	19	2.05	< 10	70	0.05	< 10	0.75	355
4AS 0584	201	202	< 5	< 0.2	1.26	2	190	< 0.5	< 2	1.49	< 0.5	9	31	24	1.86	< 10	90	0.06	< 10	0.68	400
4AS 0585	201	202	< 5	< 0.2	1.40	2	220	< 0.5	< 2	1.94	< 0.5	11	37	30	2.18	< 10	100	0.05	< 10	0.77	435
4AS 0586	201	202	< 5	< 0.2	1.66	6	200	< 0.5	< 2	1.49	< 0.5	15	51	32	3.00	< 10	80	0.05	< 10	1.22	485
4AS 0587	201	202	< 5	< 0.2	1.35	2	200	< 0.5	< 2	2.07	< 0.5	9	39	33	1.99	< 10	90	0.03	< 10	0.81	270
4AS 0588	201	202	< 5	< 0.2	1.36	< 2	200	< 0.5	< 2	2.00	< 0.5	9	38	32	1.91	< 10	90	0.05	< 10	0.81	325
4AS 0589	201	202	< 5	< 0.2	2.03	4	200	< 0.5	< 2	1.32	< 0.5	17	71	28	3.12	< 10	60	0.03	< 10	1.50	360
4AS 0590	201	202	< 5	< 0.2	1.97	4	190	< 0.5	< 2	1.43	< 0.5	15	66	27	2.90	< 10	60	0.04	< 10	1.41	355
4AS 0591	201	202	< 5	< 0.2	1.97	< 2	240	< 0.5	< 2	1.70	< 0.5	15	62	30	2.74	< 10	70	0.05	< 10	1.30	485
4AS 0592	201	202	< 5	< 0.2	2.00	< 2	240	< 0.5	< 2	1.66	< 0.5	14	60	31	2.68	< 10	70	0.05	< 10	1.26	385
4AS 0593	201	202	< 5	< 0.2	2.02	< 2	180	< 0.5	< 2	1.19	< 0.5	14	71	24	3.00	< 10	40	0.03	< 10	1.56	240
4AS 0594	201	202	< 5	< 0.2	1.69	2	190	< 0.5	< 2	1.07	< 0.5	14	53	25	2.43	< 10	40	0.03	< 10	1.18	350
4AS 0595	201	202	< 5	< 0.2	1.69	2	190	< 0.5	< 2	1.29	< 0.5	13	54	25	2.40	< 10	90	0.03	< 10	1.17	285
4AS 0596	201	202	< 5	< 0.2	1.85	4	230	< 0.5	< 2	1.59	< 0.5	13	53	22	2.53	< 10	40	0.04	< 10	1.12	380
4AS 0597	201	202	< 5	< 0.2	1.94	8	310	< 0.5	< 2	2.05	< 0.5	17	54	31	3.26	< 10	210	0.06	10	1.05	1380
4AS 0598	201	202	< 5	< 0.2	1.88	4	260	< 0.5	< 2	1.48	< 0.5	13	52	23	2.51	< 10	60	0.05	< 10	1.07	635

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
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To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
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Certificate Date: 01-OCT-97
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CERTIFICATE OF ANALYSIS A9743790

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
3AS 0235	201	202	2	< 0.01	40	1080	6	< 2	3	61	0.01	< 10	< 10	32	< 10	132
3AS 0236	201	202	2	< 0.01	23	980	8	< 2	3	60	0.01	< 10	< 10	37	< 10	108
4ASS 0561	201	202	3	0.01	39	1040	6	< 2	5	43	0.01	< 10	< 10	101	< 10	94
4ASS 0562	201	202	1	0.01	57	680	2	< 2	4	41	0.04	< 10	< 10	40	< 10	58
4ASS 0563	201	202	1	< 0.01	50	720	2	< 2	5	48	0.06	< 10	< 10	46	< 10	58
4ASS 0564	201	202	< 1	< 0.01	57	710	4	< 2	5	49	0.06	< 10	< 10	41	< 10	60
4ASS 0565	201	202	< 1	0.01	30	740	2	< 2	3	58	0.04	< 10	< 10	33	< 10	52
4ASS 0566	201	202	< 1	< 0.01	56	590	2	< 2	6	42	0.13	< 10	< 10	62	< 10	94
4ASS 0567	201	202	< 1	< 0.01	49	660	2	< 2	5	44	0.08	< 10	< 10	51	< 10	72
4ASS 0568	201	202	< 1	< 0.01	30	600	6	< 2	4	33	0.07	< 10	< 10	42	< 10	56
4ASS 0569	201	202	< 1	< 0.01	42	670	2	< 2	5	44	0.09	< 10	< 10	48	< 10	70
4AS 0570	201	202	< 1	< 0.01	48	590	4	< 2	5	57	0.13	< 10	< 10	53	< 10	74
4ASS 0571	201	202	< 1	< 0.01	48	650	6	< 2	5	59	0.11	< 10	< 10	53	< 10	78
4AS 0572	201	202	< 1	< 0.01	48	550	4	< 2	5	47	0.15	< 10	< 10	54	< 10	74
4AS 0573	201	202	< 1	< 0.01	43	620	2	< 2	4	56	0.09	< 10	< 10	47	< 10	72
4AS 0574	201	202	< 1	0.01	37	790	2	< 2	4	76	0.05	< 10	< 10	34	< 10	68
4AS 0575	201	202	< 1	< 0.01	35	710	2	< 2	4	63	0.07	< 10	< 10	37	< 10	66
4AS 0576	201	202	1	< 0.01	39	900	6	< 2	4	66	0.09	< 10	< 10	44	< 10	76
4AS 0577	201	202	< 1	< 0.01	39	820	8	< 2	5	57	0.12	< 10	< 10	52	< 10	70
4AS 0578	201	202	< 1	< 0.01	44	780	4	< 2	5	48	0.19	< 10	< 10	62	< 10	70
4AS 0579	201	202	1	< 0.01	44	650	4	< 2	5	44	0.18	< 10	< 10	66	< 10	70
4AS 0580	201	202	< 1	< 0.01	56	650	2	2	5	42	0.20	< 10	< 10	68	< 10	68
4AS 0581	201	202	< 1	< 0.01	42	760	2	< 2	4	48	0.10	< 10	< 10	45	< 10	78
4AS 0582	201	202	< 1	< 0.01	45	950	4	< 2	5	68	0.13	< 10	< 10	52	< 10	74
4AS 0583	201	202	< 1	< 0.01	32	630	4	< 2	4	37	0.13	< 10	< 10	45	< 10	66
4AS 0584	201	202	< 1	< 0.01	33	690	6	< 2	4	46	0.09	< 10	< 10	37	< 10	64
4AS 0585	201	202	< 1	< 0.01	38	680	8	< 2	5	58	0.09	< 10	< 10	41	< 10	72
4AS 0586	201	202	< 1	< 0.01	54	750	6	< 2	5	45	0.17	< 10	< 10	61	< 10	74
4AS 0587	201	202	< 1	< 0.01	41	790	6	< 2	4	58	0.08	< 10	< 10	40	< 10	58
4AS 0588	201	202	< 1	< 0.01	45	780	2	< 2	4	57	0.08	< 10	< 10	38	< 10	64
4AS 0589	201	202	< 1	< 0.01	68	590	2	< 2	6	39	0.25	< 10	< 10	75	< 10	76
4AS 0590	201	202	< 1	< 0.01	63	620	6	< 2	6	41	0.26	< 10	< 10	74	< 10	78
4AS 0591	201	202	< 1	< 0.01	63	640	4	< 2	6	50	0.23	< 10	< 10	66	< 10	82
4AS 0592	201	202	< 1	< 0.01	60	650	2	< 2	6	51	0.20	< 10	< 10	63	< 10	76
4AS 0593	201	202	< 1	< 0.01	64	550	2	< 2	6	33	0.32	< 10	< 10	80	< 10	74
4AS 0594	201	202	< 1	< 0.01	52	530	4	< 2	5	33	0.17	< 10	< 10	58	< 10	68
4AS 0595	201	202	< 1	< 0.01	51	560	2	< 2	5	38	0.19	< 10	< 10	58	< 10	72
4AS 0596	201	202	< 1	< 0.01	51	630	4	< 2	6	51	0.17	< 10	< 10	54	< 10	68
4AS 0597	201	202	< 1	< 0.01	52	780	6	< 2	6	67	0.12	< 10	< 10	63	< 10	70
4AS 0598	201	202	< 1	< 0.01	49	640	4	< 2	6	48	0.17	< 10	< 10	55	< 10	76

CERTIFICATION:

Chemex Labs Ltd.

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

CERTIFICATE OF ANALYSIS A9743790

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
4AS 0599	201	202	< 5	< 0.2	1.61	6	190	< 0.5	< 2	1.15	< 0.5	10	47	23	2.02	< 10	50	0.03	< 10	1.02	200
4AS 0600	201	202	< 5	< 0.2	1.87	< 2	210	< 0.5	< 2	1.50	< 0.5	10	52	33	2.05	< 10	70	0.04	10	1.10	195
4AS 0601	201	202	< 5	< 0.2	1.23	4	270	< 0.5	< 2	2.63	0.5	17	34	29	2.53	< 10	80	0.05	< 10	0.69	2210
4AS 0602	201	202	< 5	< 0.2	1.41	< 2	200	< 0.5	< 2	1.81	< 0.5	9	43	21	2.15	< 10	90	0.03	< 10	0.88	385
5AS 0470	201	202	< 5	0.2	1.54	6	510	< 0.5	< 2	0.71	0.5	6	22	34	1.68	< 10	280	0.13	10	0.53	240
5AS 0471	201	202	< 5	0.4	1.42	8	550	< 0.5	< 2	1.33	0.5	7	21	43	1.66	< 10	450	0.08	10	0.58	320
5AS 0472	201	202	< 5	0.2	1.27	2	460	< 0.5	< 2	1.04	0.5	6	18	34	1.55	< 10	270	0.08	10	0.55	310
5AS 0473	201	202	< 5	1.0	1.50	8	610	0.5	< 2	0.92	2.0	7	30	76	1.85	< 10	1710	0.10	10	0.52	385
5AS 0474	201	202	< 5	0.4	0.91	82	760	< 0.5	< 2	0.86	3.5	34	20	38	6.97	< 10	600	0.07	< 10	0.34	8390
5AS 0475	201	202	< 5	0.6	1.06	80	1280	< 0.5	< 2	1.38	7.0	60	21	49	8.06	< 10	740	0.09	10	0.40	>10000
5AS 0476	201	202	< 5	0.6	1.38	38	1240	0.5	< 2	1.12	5.5	42	23	50	5.06	< 10	960	0.11	10	0.43	>10000
5AS 0477	201	202	< 5	0.8	1.47	32	950	0.5	< 2	0.98	5.0	38	26	50	4.82	< 10	1070	0.12	10	0.47	9020
5AS 0478	201	202	< 5	0.6	1.72	22	840	0.5	< 2	1.29	4.0	35	24	57	4.04	< 10	1000	0.10	10	0.45	6950
5AS 0479	201	202	< 5	0.4	1.23	12	540	< 0.5	< 2	1.15	2.5	16	21	39	2.68	< 10	620	0.09	10	0.46	3800
5AS 0480	201	202	< 5	0.6	1.47	8	620	< 0.5	< 2	1.12	2.5	22	23	49	3.20	< 10	760	0.10	10	0.50	3880
5AS 0481	201	202	< 5	0.4	1.28	10	460	< 0.5	< 2	0.94	1.5	14	19	49	2.33	< 10	510	0.09	10	0.49	2260
5AS 0482	201	202	< 5	0.2	1.44	10	490	< 0.5	< 2	0.73	1.0	13	23	42	2.70	< 10	530	0.13	10	0.50	1380
5AS 0483	201	202	< 5	0.6	1.43	6	560	< 0.5	< 2	1.08	1.5	14	22	53	2.47	< 10	590	0.12	10	0.52	2240
5AS 0484	201	202	< 5	0.2	1.95	10	380	0.5	< 2	0.56	< 0.5	11	22	43	2.55	< 10	210	0.17	20	1.09	430
5AS 0485	201	202	< 5	0.2	1.64	6	380	< 0.5	< 2	0.81	0.5	9	20	41	2.22	< 10	280	0.12	10	0.81	575
5AS 0486	201	202	< 5	< 0.2	1.10	4	300	< 0.5	< 2	0.67	< 0.5	8	16	28	1.98	< 10	270	0.07	10	0.53	560
5AS 0487	201	202	< 5	< 0.2	1.17	6	340	< 0.5	< 2	1.02	0.5	8	16	32	1.93	< 10	330	0.07	10	0.56	745
5AS 0488	201	202	< 5	0.4	1.30	8	430	< 0.5	< 2	1.05	1.0	12	19	41	2.33	< 10	460	0.09	10	0.58	1570
5AS 0489	201	202	< 5	0.2	1.35	4	400	< 0.5	< 2	1.33	0.5	9	19	39	2.07	< 10	370	0.10	10	0.61	960
5AS 0490	201	202	< 5	0.2	1.44	6	460	0.5	< 2	1.77	0.5	9	20	47	2.11	< 10	420	0.10	10	0.67	1115
5AS 0491	201	202	< 5	< 0.2	1.35	6	370	< 0.5	< 2	0.77	< 0.5	9	20	32	2.31	< 10	270	0.11	10	0.55	585
5AS 0492	201	202	< 5	0.2	1.31	6	390	< 0.5	< 2	1.19	0.5	9	20	38	2.10	< 10	390	0.09	10	0.55	645
5AS 0493	201	202	< 5	< 0.2	1.38	8	340	< 0.5	< 2	1.02	0.5	11	21	35	2.26	< 10	310	0.09	10	0.57	705
5AS 0494	201	202	< 5	0.2	1.29	6	370	< 0.5	< 2	0.92	0.5	10	19	35	2.26	< 10	330	0.09	10	0.54	1075
5AS 0495	201	202	< 5	< 0.2	1.37	8	370	< 0.5	< 2	0.99	0.5	11	21	37	2.45	< 10	330	0.10	10	0.58	950
5AS 0496	201	202	< 5	< 0.2	1.22	8	350	< 0.5	< 2	0.66	0.5	11	20	25	2.29	< 10	190	0.09	10	0.53	925
5AS 0497	201	202	< 5	< 0.2	1.16	6	330	< 0.5	< 2	0.64	< 0.5	11	19	24	2.20	< 10	180	0.08	10	0.48	1115
5AS 0498	201	202	< 5	< 0.2	1.16	4	280	< 0.5	< 2	0.68	< 0.5	7	18	16	1.86	< 10	30	0.06	10	0.50	235
5AS 0499	201	202	< 5	< 0.2	0.90	6	230	< 0.5	< 2	0.55	< 0.5	6	16	12	1.55	< 10	30	0.04	10	0.42	225
5AS 0500	201	202	< 5	< 0.2	1.02	4	250	< 0.5	< 2	0.65	< 0.5	7	17	17	1.74	< 10	30	0.05	10	0.48	235
5AS 0501	201	202	< 5	< 0.2	0.97	2	240	< 0.5	< 2	0.56	< 0.5	7	16	13	1.70	< 10	40	0.04	10	0.46	225
5AS 0502	201	202	< 5	< 0.2	1.06	2	280	< 0.5	< 2	0.71	< 0.5	8	18	19	1.93	< 10	50	0.05	10	0.50	435
5AS 0503	201	202	< 5	< 0.2	1.02	4	250	< 0.5	< 2	0.60	< 0.5	9	17	17	1.87	< 10	60	0.05	10	0.47	470
5AS 0528	201	202	< 5	0.2	1.47	8	310	< 0.5	< 2	0.18	< 0.5	5	21	20	1.70	< 10	110	0.06	10	0.30	110
5AS 0530	201	202	< 5	0.2	1.70	14	430	< 0.5	< 2	0.24	< 0.5	26	26	27	3.00	< 10	140	0.07	10	0.33	1025

CERTIFICATION:

Chemex Labs Ltd.

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

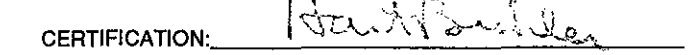
1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 01-OCT-97
Invoice No. :I9743790
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9743790

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
4AS 0599	201	202	< 1	< 0.01	45	560	2	< 2	5	35	0.16	< 10	< 10	51	< 10	64
4AS 0600	201	202	< 1	< 0.01	48	560	2	< 2	6	47	0.16	< 10	< 10	55	< 10	72
4AS 0601	201	202	< 1	0.01	38	970	10	< 2	3	77	0.05	< 10	< 10	39	< 10	70
4AS 0602	201	202	< 1	< 0.01	40	680	4	< 2	4	54	0.11	< 10	< 10	38	< 10	60
5AS 0470	201	202	1	< 0.01	22	840	6	< 2	4	56	0.02	< 10	< 10	41	< 10	98
5AS 0471	201	202	1	0.01	25	990	6	< 2	3	74	0.01	< 10	< 10	34	< 10	102
5AS 0472	201	202	1	< 0.01	22	910	6	< 2	3	63	0.01	< 10	< 10	31	< 10	92
5AS 0473	201	202	4	< 0.01	39	970	8	2	4	72	0.01	< 10	< 10	117	< 10	158
5AS 0474	201	202	10	< 0.01	114	6450	6	2	2	106	0.01	< 10	< 10	197	< 10	406
5AS 0475	201	202	13	< 0.01	241	6610	6	2	3	164	0.01	< 10	10	222	< 10	932
5AS 0476	201	202	10	< 0.01	151	3090	6	< 2	3	117	0.01	< 10	< 10	151	< 10	584
5AS 0477	201	202	10	< 0.01	145	2290	10	2	4	107	0.02	< 10	< 10	139	< 10	540
5AS 0478	201	202	7	< 0.01	122	2200	8	< 2	4	112	0.01	< 10	< 10	108	< 10	520
5AS 0479	201	202	3	0.01	80	1360	8	< 2	2	93	0.01	< 10	< 10	69	< 10	296
5AS 0480	201	202	4	0.01	85	1280	10	< 2	4	97	0.02	< 10	< 10	77	< 10	374
5AS 0481	201	202	3	0.01	57	1260	6	< 2	3	83	0.02	< 10	< 10	57	< 10	234
5AS 0482	201	202	3	< 0.01	46	1020	8	< 2	4	75	0.03	< 10	< 10	65	< 10	194
5AS 0483	201	202	3	< 0.01	59	1230	6	< 2	3	96	0.02	< 10	< 10	66	< 10	236
5AS 0484	201	202	3	< 0.01	30	730	10	< 2	4	54	< 0.01	< 10	< 10	38	< 10	124
5AS 0485	201	202	3	< 0.01	31	770	8	< 2	4	68	0.01	< 10	< 10	41	< 10	130
5AS 0486	201	202	1	< 0.01	28	780	6	< 2	3	55	0.01	< 10	< 10	33	< 10	124
5AS 0487	201	202	1	< 0.01	31	820	6	< 2	3	70	0.01	< 10	< 10	33	< 10	124
5AS 0488	201	202	3	< 0.01	44	990	8	< 2	3	79	0.01	< 10	< 10	46	< 10	180
5AS 0489	201	202	2	0.01	37	920	6	< 2	4	89	0.01	< 10	< 10	40	< 10	146
5AS 0490	201	202	1	0.01	41	1020	6	< 2	4	111	0.01	< 10	< 10	40	< 10	150
5AS 0491	201	202	1	0.01	29	760	8	2	4	62	0.03	< 10	< 10	42	< 10	118
5AS 0492	201	202	1	0.01	38	860	6	< 2	4	81	0.02	< 10	< 10	43	< 10	140
5AS 0493	201	202	1	0.01	34	810	8	< 2	4	71	0.03	< 10	< 10	39	< 10	120
5AS 0494	201	202	1	0.01	37	840	8	< 2	4	67	0.02	< 10	< 10	40	< 10	146
5AS 0495	201	202	2	0.01	38	870	8	< 2	4	72	0.02	< 10	< 10	42	< 10	146
5AS 0496	201	202	1	0.01	37	790	6	< 2	3	51	0.04	< 10	< 10	42	< 10	144
5AS 0497	201	202	1	0.01	41	790	6	< 2	3	49	0.04	< 10	< 10	40	< 10	138
5AS 0498	201	202	1	0.01	21	740	6	< 2	3	41	0.05	< 10	< 10	33	< 10	70
5AS 0499	201	202	< 1	0.01	18	720	2	< 2	2	33	0.04	< 10	< 10	26	< 10	62
5AS 0500	201	202	< 1	0.01	21	680	6	< 2	3	39	0.04	< 10	< 10	28	< 10	68
5AS 0501	201	202	< 1	0.01	18	720	4	< 2	2	34	0.03	< 10	< 10	27	< 10	64
5AS 0502	201	202	< 1	0.01	24	720	6	< 2	3	43	0.03	< 10	< 10	31	< 10	82
5AS 0503	201	202	< 1	0.01	26	710	6	< 2	3	40	0.03	< 10	< 10	30	< 10	92
5AS 0528	201	202	1	< 0.01	16	560	8	< 2	2	26	0.02	< 10	< 10	42	< 10	54
5AS 0530	201	202	4	< 0.01	20	770	14	< 2	3	36	0.03	< 10	< 10	78	< 10	74

CERTIFICATION: 

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
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Project :
Comments: ATTN: GEORGE NICHOLSON

Page Number :3-A
Total Pages :5
Certificate Date: 01-OCT-97
Invoice No. :I9743790
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9743790

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
5AS 0531A	201	202	< 5	< 0.2	1.49	10	380	< 0.5	< 2	0.26	< 0.5	22	24	25	2.42	< 10	110	0.07	10	0.32	795
5AS 0531B	201	202	< 5	0.2	1.38	8	280	< 0.5	< 2	0.20	< 0.5	9	20	17	1.89	< 10	60	0.04	10	0.30	275
5AS 0532	201	202	< 5	0.2	1.71	10	410	< 0.5	< 2	0.27	0.5	16	26	29	2.91	< 10	160	0.07	10	0.34	615
5AS 0533	201	202	< 5	0.2	1.65	14	460	0.5	< 2	0.32	0.5	23	28	32	3.35	< 10	160	0.08	10	0.34	985
5AS 0534	201	202	< 5	0.2	1.42	12	460	< 0.5	< 2	0.30	0.5	28	23	27	2.74	< 10	150	0.08	10	0.31	1145
5AS 0535	201	202	< 5	0.2	1.49	8	480	< 0.5	< 2	0.32	0.5	26	25	31	2.75	< 10	170	0.08	10	0.32	1090
5AS 0536	201	202	< 5	< 0.2	1.35	4	370	< 0.5	< 2	0.27	< 0.5	6	25	38	1.68	< 10	220	0.05	10	0.35	260
5AS 0537	201	202	< 5	0.4	1.35	12	640	0.5	< 2	0.62	0.5	19	22	43	2.78	< 10	230	0.06	10	0.32	855
5AS 0538	201	202	< 5	0.2	1.48	12	600	0.5	< 2	0.48	0.5	49	23	39	3.20	< 10	190	0.06	10	0.34	2400
5AS 0539	201	202	< 5	0.2	1.26	6	380	< 0.5	< 2	0.32	< 0.5	15	22	23	2.07	< 10	130	0.05	10	0.33	535
5AS 0540	201	202	< 5	0.2	1.45	8	470	< 0.5	< 2	0.41	< 0.5	16	24	30	2.44	< 10	150	0.07	10	0.34	630
5AS 0541	201	202	< 5	0.2	1.51	12	460	< 0.5	< 2	0.42	< 0.5	14	24	30	2.38	< 10	180	0.07	10	0.35	630
5AS 0542	201	202	< 5	< 0.2	1.49	6	570	< 0.5	< 2	0.53	0.5	14	26	30	2.55	< 10	170	0.07	10	0.42	780
5AS 0543	201	202	< 5	< 0.2	1.50	8	360	< 0.5	< 2	0.46	< 0.5	9	24	17	2.51	< 10	70	0.05	10	0.45	385
5AS 0544	201	202	< 5	< 0.2	1.35	4	440	< 0.5	< 2	0.44	< 0.5	11	25	25	2.24	< 10	140	0.06	10	0.40	365
5AS 0545	201	202	< 5	< 0.2	1.28	6	440	< 0.5	< 2	0.53	0.5	12	23	25	2.41	< 10	130	0.06	10	0.43	725
5AS 0546	201	202	< 5	< 0.2	1.20	2	410	< 0.5	< 2	0.49	0.5	13	20	23	2.18	< 10	100	0.05	10	0.42	465
5AS 0547	201	202	< 5	< 0.2	1.27	8	410	< 0.5	< 2	0.48	< 0.5	12	22	19	2.08	< 10	120	0.06	10	0.43	470
5AS 0548	201	202	< 5	< 0.2	1.37	4	450	< 0.5	< 2	0.54	0.5	14	23	25	2.30	< 10	100	0.06	10	0.45	555
5AS 0549	201	202	< 5	< 0.2	1.27	6	380	< 0.5	< 2	0.58	< 0.5	10	21	21	2.17	< 10	90	0.07	10	0.46	305
5AS 0550	201	202	< 5	< 0.2	1.21	10	420	< 0.5	< 2	0.57	1.0	21	19	25	2.33	< 10	110	0.05	10	0.42	1025
5AS 0551	201	202	< 5	< 0.2	1.06	6	360	< 0.5	< 2	0.49	0.5	12	19	22	2.18	< 10	90	0.05	10	0.43	575
5AS 0552	201	202	< 5	< 0.2	1.10	6	350	< 0.5	< 2	0.50	0.5	11	19	20	2.11	< 10	80	0.05	10	0.40	465
5AS 0553	201	202	< 5	< 0.2	1.17	6	400	< 0.5	< 2	0.67	0.5	17	19	25	2.13	< 10	100	0.07	10	0.41	910
5AS 0554	201	202	< 5	< 0.2	1.18	8	370	< 0.5	< 2	0.57	< 0.5	9	23	25	2.31	< 10	60	0.07	10	0.48	330
5AS 0555	201	202	< 5	< 0.2	1.23	8	380	< 0.5	< 2	0.61	< 0.5	9	23	28	2.38	< 10	60	0.08	10	0.51	380
5AS 0556	201	202	< 5	< 0.2	1.34	8	370	< 0.5	< 2	0.62	< 0.5	9	26	31	2.49	< 10	60	0.09	10	0.57	330
5AS 0557	201	202	< 5	< 0.2	1.58	10	440	< 0.5	< 2	0.77	0.5	15	27	31	2.94	< 10	110	0.09	10	0.57	805
5AS 0558	201	202	< 5	< 0.2	1.33	8	350	< 0.5	< 2	0.63	< 0.5	11	25	25	2.48	< 10	60	0.07	10	0.58	440
6ASS 0322	201	202	< 5	< 0.2	2.15	4	140	< 0.5	< 2	1.95	< 0.5	25	56	58	3.45	< 10	60	0.04	10	1.14	705
6ASS 0324	201	202	< 5	< 0.2	1.44	< 2	110	< 0.5	< 2	2.67	< 0.5	13	46	47	2.00	< 10	100	0.05	10	0.87	385
6AS 0247	201	202	< 5	< 0.2	2.05	2	160	< 0.5	< 2	1.67	< 0.5	18	71	37	3.21	< 10	60	0.06	10	1.56	430
6AS 0325	201	202	< 5	< 0.2	2.00	4	120	< 0.5	< 2	2.46	< 0.5	18	69	51	2.84	< 10	70	0.04	10	1.54	470
6AS 0326	201	202	< 5	< 0.2	2.33	4	130	< 0.5	< 2	2.02	< 0.5	21	84	44	3.34	< 10	50	0.05	10	1.90	495
6AS 0327	201	202	< 5	< 0.2	1.08	< 2	70	< 0.5	< 2	3.70	< 0.5	11	33	76	1.49	< 10	100	0.02	10	0.69	460
6AS 0330	201	202	< 5	< 0.2	2.10	6	120	< 0.5	< 2	2.12	< 0.5	23	69	114	3.30	< 10	110	0.04	10	1.65	390
6AS 0331	201	202	< 5	< 0.2	1.99	< 2	120	< 0.5	< 2	2.26	< 0.5	22	69	103	3.18	< 10	120	0.05	10	1.64	480
6AS 0332	201	202	< 5	< 0.2	1.90	< 2	130	< 0.5	< 2	2.60	< 0.5	22	63	106	2.93	< 10	110	0.05	10	1.44	535
6AS 0333	201	202	< 5	< 0.2	1.62	< 2	120	< 0.5	< 2	2.36	< 0.5	15	52	58	2.57	< 10	110	0.05	10	1.21	365
6AS 0334	201	202	< 5	< 0.2	1.75	2	150	< 0.5	< 2	1.94	< 0.5	17	56	73	2.80	< 10	130	0.05	10	1.31	380

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 01-OCT-97
Invoice No. : I9743790
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9743790

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
5AS 0531A	201	202	2	< 0.01	20	710	10	< 2	3	34	0.03	< 10	< 10	58	< 10	74
5AS 0531B	201	202	1	< 0.01	15	510	8	< 2	2	24	0.03	< 10	< 10	44	< 10	54
5AS 0532	201	202	5	< 0.01	24	770	12	2	4	35	0.03	< 10	< 10	64	< 10	100
5AS 0533	201	202	6	< 0.01	27	850	14	2	4	41	0.04	< 10	< 10	79	< 10	126
5AS 0534	201	202	4	< 0.01	23	780	10	< 2	3	39	0.03	< 10	< 10	69	< 10	112
5AS 0535	201	202	4	< 0.01	25	810	10	< 2	4	40	0.03	< 10	< 10	67	< 10	106
5AS 0536	201	202	2	< 0.01	19	590	10	< 2	4	27	0.03	< 10	< 10	39	< 10	60
5AS 0537	201	202	3	< 0.01	28	1050	12	< 2	4	61	0.01	< 10	< 10	53	< 10	104
5AS 0538	201	202	4	0.01	31	900	10	< 2	5	51	0.01	< 10	< 10	63	< 10	126
5AS 0539	201	202	3	< 0.01	20	670	8	< 2	3	34	0.03	< 10	< 10	47	< 10	78
5AS 0540	201	202	2	< 0.01	25	720	8	< 2	4	42	0.03	< 10	< 10	54	< 10	114
5AS 0541	201	202	3	< 0.01	23	710	8	< 2	4	42	0.04	< 10	< 10	57	< 10	86
5AS 0542	201	202	1	< 0.01	25	720	8	< 2	4	48	0.05	< 10	< 10	63	< 10	90
5AS 0543	201	202	1	0.01	17	660	10	< 2	3	37	0.05	< 10	< 10	56	< 10	66
5AS 0544	201	202	2	< 0.01	21	630	10	< 2	4	42	0.05	< 10	< 10	56	< 10	72
5AS 0545	201	202	1	< 0.01	23	730	8	< 2	4	44	0.05	< 10	< 10	50	< 10	82
5AS 0546	201	202	1	< 0.01	23	700	10	< 2	3	40	0.05	< 10	< 10	45	< 10	96
5AS 0547	201	202	1	0.01	20	650	8	< 2	4	41	0.06	< 10	< 10	47	< 10	76
5AS 0548	201	202	1	0.01	24	710	6	< 2	4	42	0.05	< 10	< 10	46	< 10	98
5AS 0549	201	202	1	0.01	24	740	8	< 2	4	44	0.05	< 10	< 10	41	< 10	94
5AS 0550	201	202	1	0.01	26	740	6	< 2	3	45	0.03	< 10	< 10	40	< 10	130
5AS 0551	201	202	1	0.01	23	740	6	< 2	3	42	0.03	< 10	< 10	39	< 10	88
5AS 0552	201	202	1	0.01	22	700	6	< 2	3	40	0.04	< 10	< 10	41	< 10	98
5AS 0553	201	202	1	0.01	23	750	8	< 2	3	50	0.04	< 10	< 10	43	< 10	102
5AS 0554	201	202	< 1	0.01	23	760	6	< 2	3	46	0.05	< 10	< 10	47	< 10	76
5AS 0555	201	202	1	0.01	24	730	6	< 2	4	51	0.06	< 10	< 10	50	< 10	80
5AS 0556	201	202	1	0.01	25	770	6	< 2	4	50	0.06	< 10	< 10	55	< 10	84
5AS 0557	201	202	1	0.01	30	850	8	< 2	4	59	0.05	< 10	< 10	57	< 10	114
5AS 0558	201	202	1	0.01	27	770	8	< 2	4	51	0.06	< 10	< 10	49	< 10	88
6ASS 0322	201	202	< 1	< 0.01	63	710	2	< 2	7	53	0.18	< 10	< 10	84	< 10	54
6ASS 0324	201	202	< 1	< 0.01	45	880	4	< 2	4	77	0.08	< 10	< 10	46	< 10	48
6AS 0247	201	202	< 1	< 0.01	62	770	6	< 2	6	63	0.19	< 10	< 10	67	< 10	68
6AS 0325	201	202	< 1	< 0.01	64	710	4	< 2	7	77	0.20	< 10	< 10	69	< 10	58
6AS 0326	201	202	< 1	< 0.01	74	640	2	< 2	8	81	0.26	< 10	< 10	81	< 10	74
6AS 0327	201	202	< 1	< 0.01	48	750	2	< 2	3	125	0.04	< 10	< 10	33	< 10	30
6AS 0330	201	202	< 1	< 0.01	82	660	4	< 2	8	112	0.16	< 10	< 10	69	< 10	68
6AS 0331	201	202	< 1	< 0.01	78	720	2	2	8	99	0.14	< 10	< 10	67	< 10	66
6AS 0332	201	202	< 1	< 0.01	75	770	2	< 2	7	110	0.11	< 10	< 10	60	< 10	64
6AS 0333	201	202	< 1	< 0.01	52	680	6	< 2	6	84	0.10	< 10	< 10	50	< 10	58
6AS 0334	201	202	< 1	< 0.01	57	730	4	< 2	6	80	0.12	< 10	< 10	57	< 10	66

CERTIFICATION:

Chemex Labs Ltd.

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 01-OCT-97
Invoice No. :I9743790
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9743790

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
6AS 0335	201	202	< 5	< 0.2	1.68	< 2	140	< 0.5	< 2	1.77	< 0.5	16	56	50	2.73	< 10	90	0.04	10	1.36	350
6AS 0336	201	202	< 5	< 0.2	1.81	< 2	140	< 0.5	< 2	1.83	< 0.5	17	60	46	2.87	< 10	90	0.05	10	1.44	405
6AS 0337	201	202	< 5	< 0.2	1.55	2	130	< 0.5	< 2	1.90	< 0.5	15	49	49	2.51	< 10	120	0.05	10	1.19	375
6AS 0338	201	202	< 5	< 0.2	1.69	< 2	140	< 0.5	< 2	2.18	< 0.5	15	52	62	2.56	< 10	130	0.05	10	1.24	440
6AS 0339	201	202	< 5	< 0.2	1.83	2	160	< 0.5	< 2	1.57	< 0.5	14	64	32	2.68	< 10	60	0.04	10	1.36	450
6AS 0340	201	202	< 5	< 0.2	2.19	< 2	190	< 0.5	< 2	1.74	< 0.5	20	79	37	3.35	< 10	50	0.04	10	1.75	1125
6AS 0341	201	202	< 5	< 0.2	2.09	< 2	190	< 0.5	< 2	1.67	< 0.5	19	72	35	3.21	< 10	40	0.05	10	1.61	1295
6AS 0342	201	202	< 5	< 0.2	2.04	< 2	150	< 0.5	< 2	1.54	< 0.5	18	77	33	3.18	< 10	70	0.04	10	1.65	395
6AS 0343	201	202	< 5	< 0.2	1.85	< 2	150	< 0.5	< 2	1.58	< 0.5	17	65	34	3.04	< 10	60	0.05	10	1.45	420
6AS 0344	201	202	< 5	< 0.2	1.55	< 2	130	< 0.5	< 2	1.45	< 0.5	13	52	31	2.47	< 10	60	0.04	10	1.17	290
6AS 0345	201	202	< 5	< 0.2	1.76	2	140	< 0.5	< 2	1.57	< 0.5	16	64	34	2.82	< 10	50	0.04	10	1.40	415
6AS 0346	201	202	< 5	< 0.2	2.22	< 2	170	< 0.5	< 2	1.58	< 0.5	20	84	36	3.44	< 10	40	0.02	10	1.85	520
6AS 0348	201	202	< 5	< 0.2	1.90	2	120	< 0.5	< 2	2.85	< 0.5	19	73	34	3.40	< 10	60	0.04	10	1.77	445
6AS 0349	201	202	< 5	< 0.2	2.25	6	220	< 0.5	< 2	1.60	< 0.5	17	77	43	2.98	< 10	50	0.03	10	1.38	525
6AS 0350	201	202	< 5	< 0.2	2.66	< 2	210	< 0.5	< 2	1.91	< 0.5	25	118	47	3.76	< 10	70	0.03	10	2.34	490
6AS 0421	201	202	< 5	< 0.2	1.37	2	190	< 0.5	< 2	1.56	< 0.5	8	14	13	1.73	< 10	70	0.07	10	0.37	315
6AS 0422	201	202	< 5	< 0.2	1.29	2	190	< 0.5	< 2	2.85	< 0.5	7	17	23	1.63	< 10	110	0.07	10	0.38	355
6AS 0423	201	202	< 5	< 0.2	1.40	< 2	200	< 0.5	< 2	2.44	< 0.5	8	21	20	1.76	< 10	100	0.07	10	0.44	410
6AS 0424	201	202	< 5	< 0.2	1.69	2	200	< 0.5	< 2	1.77	< 0.5	13	64	29	2.44	< 10	60	0.05	10	0.80	310
6AS 0425	201	202	< 5	< 0.2	1.66	6	220	< 0.5	< 2	1.84	< 0.5	11	40	27	2.35	< 10	70	0.06	10	0.65	340
6AS 0426	201	202	< 5	1.0	0.92	10	480	< 0.5	< 2	0.82	3.0	9	35	49	2.12	< 10	220	0.06	10	0.60	265
6AS 0427	201	202	< 5	< 0.2	1.45	2	210	< 0.5	< 2	2.08	< 0.5	10	41	31	2.11	< 10	90	0.05	10	0.56	385
6AS 0428	201	202	< 5	< 0.2	1.85	< 2	190	< 0.5	< 2	1.47	< 0.5	19	130	35	2.87	< 10	40	0.05	10	1.13	395
6AS 0430	201	202	< 5	< 0.2	1.71	2	190	< 0.5	< 2	1.80	< 0.5	14	85	31	2.49	< 10	60	0.07	10	0.92	335
6AS 0431	201	202	< 5	< 0.2	1.80	2	210	< 0.5	< 2	1.89	< 0.5	14	70	30	2.45	< 10	60	0.07	10	0.86	405
6AS 0432	201	202	< 5	1.0	1.18	10	830	0.5	< 2	0.86	3.0	8	43	50	2.33	< 10	230	0.10	10	0.65	310
6AS 0433	201	202	< 5	< 0.2	1.71	< 2	200	< 0.5	< 2	2.11	< 0.5	12	55	29	2.33	< 10	70	0.07	10	0.78	400
6AS 0434	201	202	< 5	< 0.2	1.88	6	230	< 0.5	< 2	2.41	< 0.5	13	58	36	2.37	< 10	90	0.08	10	0.76	515
6AS 0435A	201	202	< 5	< 0.2	1.62	< 2	200	< 0.5	< 2	2.36	< 0.5	11	51	30	2.14	< 10	80	0.07	10	0.71	395
6AS 0435B	201	202	< 5	< 0.2	1.59	< 2	210	< 0.5	< 2	2.30	< 0.5	11	49	34	2.17	< 10	90	0.08	10	0.69	365
6AS 0436	201	202	< 5	1.0	1.16	10	790	< 0.5	< 2	0.81	2.5	8	41	47	2.36	< 10	220	0.10	10	0.61	285
6AS 0437	201	202	< 5	0.2	1.75	6	550	0.5	< 2	1.12	2.0	13	28	63	2.46	< 10	280	0.19	20	0.83	770
6AS 0438	201	202	< 5	1.2	1.32	14	1180	0.5	< 2	0.88	3.5	9	53	59	2.65	< 10	270	0.14	20	0.66	435
6AS 0440	201	202	< 5	0.6	1.82	8	600	0.5	< 2	1.17	2.0	16	33	63	2.89	< 10	340	0.16	20	0.94	2360
6AS 0441	201	202	< 5	0.4	1.93	12	690	0.5	< 2	0.97	2.5	17	31	79	3.09	< 10	380	0.32	20	0.94	870
6AS 0442	201	202	< 5	1.0	1.09	10	680	< 0.5	< 2	0.79	2.5	8	40	47	2.14	< 10	260	0.09	10	0.56	260
6AS 0444	201	202	< 5	< 0.2	1.86	2	230	< 0.5	< 2	1.18	< 0.5	12	49	24	2.52	< 10	50	0.07	10	0.77	285
6AS 0445	201	202	< 5	0.2	1.62	< 2	790	0.5	< 2	0.84	1.5	12	26	59	2.36	< 10	290	0.21	20	0.78	530
6AS 0446	201	202	< 5	0.4	1.58	6	430	< 0.5	< 2	1.03	1.0	10	24	51	2.07	< 10	260	0.14	10	0.70	470
6AS 0447	201	202	< 5	0.6	1.73	10	620	0.5	< 2	0.89	2.0	17	28	78	3.23	< 10	480	0.33	20	0.92	1310

CERTIFICATION:_____

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CERTIFICATE OF ANALYSIS A9743790

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
6AS 0335	201	202	< 1	< 0.01	56	640	10	< 2	5	63	0.12	< 10	< 10	56	< 10	70
6AS 0336	201	202	< 1	< 0.01	59	670	2	< 2	5	67	0.12	< 10	< 10	58	< 10	74
6AS 0337	201	202	< 1	< 0.01	52	730	6	< 2	5	67	0.08	< 10	< 10	48	< 10	70
6AS 0338	201	202	< 1	< 0.01	56	770	2	< 2	6	74	0.10	< 10	< 10	51	< 10	70
6AS 0339	201	202	< 1	< 0.01	60	710	4	< 2	6	50	0.17	< 10	< 10	57	< 10	64
6AS 0340	201	202	< 1	< 0.01	71	760	6	< 2	7	62	0.22	< 10	< 10	72	< 10	74
6AS 0341	201	202	< 1	< 0.01	68	810	6	< 2	6	53	0.19	< 10	< 10	65	< 10	72
6AS 0342	201	202	< 1	< 0.01	66	730	2	< 2	6	53	0.19	< 10	< 10	67	< 10	72
6AS 0343	201	202	< 1	< 0.01	60	720	6	< 2	5	51	0.13	< 10	< 10	56	< 10	66
6AS 0344	201	202	< 1	< 0.01	51	770	6	< 2	5	42	0.09	< 10	< 10	42	< 10	58
6AS 0345	201	202	< 1	< 0.01	59	700	6	< 2	5	49	0.13	< 10	< 10	54	< 10	66
6AS 0346	201	202	< 1	< 0.01	75	680	2	< 2	6	60	0.22	< 10	< 10	75	< 10	72
6AS 0348	201	202	< 1	< 0.01	68	800	6	2	5	82	0.16	< 10	< 10	61	< 10	74
6AS 0349	201	202	< 1	< 0.01	67	700	6	2	8	48	0.21	< 10	< 10	72	< 10	72
6AS 0350	201	202	< 1	< 0.01	107	660	4	< 2	8	61	0.26	< 10	< 10	92	< 10	82
6AS 0421	201	202	< 1	< 0.01	12	740	< 2	2	4	51	0.02	< 10	< 10	38	< 10	44
6AS 0422	201	202	1	< 0.01	14	910	2	2	4	86	0.02	< 10	< 10	38	< 10	36
6AS 0423	201	202	1	< 0.01	18	1050	2	< 2	4	77	0.01	< 10	< 10	37	< 10	44
6AS 0424	201	202	< 1	< 0.01	42	740	4	< 2	6	54	0.08	< 10	< 10	56	< 10	54
6AS 0425	201	202	< 1	< 0.01	29	800	2	< 2	5	62	0.04	< 10	< 10	51	< 10	52
6AS 0426	201	202	6	< 0.01	67	1160	6	2	3	81	0.03	< 10	< 10	197	< 10	652
6AS 0427	201	202	< 1	< 0.01	29	940	2	< 2	4	63	0.02	< 10	< 10	45	< 10	50
6AS 0428	201	202	< 1	< 0.01	73	650	6	< 2	7	48	0.11	< 10	< 10	69	< 10	58
6AS 0430	201	202	< 1	< 0.01	51	740	2	< 2	6	59	0.09	< 10	< 10	59	< 10	56
6AS 0431	201	202	< 1	< 0.01	43	780	2	< 2	6	60	0.09	< 10	< 10	59	< 10	56
6AS 0432	201	202	6	< 0.01	69	1310	6	2	4	88	0.05	< 10	< 10	235	< 10	654
6AS 0433	201	202	< 1	< 0.01	37	830	4	2	5	66	0.06	< 10	< 10	56	< 10	56
6AS 0434	201	202	< 1	< 0.01	38	890	6	< 2	6	74	0.06	< 10	< 10	58	< 10	58
6AS 0435A	201	202	< 1	< 0.01	34	800	6	< 2	5	68	0.07	< 10	< 10	52	< 10	50
6AS 0435B	201	202	< 1	< 0.01	35	920	4	< 2	5	68	0.06	< 10	< 10	52	< 10	54
6AS 0436	201	202	6	< 0.01	63	1240	4	2	4	83	0.05	< 10	< 10	225	< 10	614
6AS 0437	201	202	3	< 0.01	41	1230	10	< 2	5	97	0.04	< 10	< 10	55	< 10	196
6AS 0438	201	202	6	< 0.01	71	1540	8	2	4	99	0.06	< 10	< 10	290	< 10	694
6AS 0440	201	202	3	< 0.01	58	1190	8	< 2	6	103	0.10	< 10	< 10	87	< 10	250
6AS 0441	201	202	5	< 0.01	53	1440	14	< 2	5	110	0.02	< 10	< 10	92	< 10	276
6AS 0442	201	202	6	< 0.01	64	1150	8	2	4	79	0.05	< 10	< 10	216	< 10	602
6AS 0444	201	202	< 1	< 0.01	35	720	2	< 2	6	50	0.08	< 10	< 10	61	< 10	60
6AS 0445	201	202	3	< 0.01	40	1310	12	< 2	4	91	0.03	< 10	< 10	61	< 10	206
6AS 0446	201	202	1	< 0.01	34	1050	8	< 2	4	82	0.03	< 10	< 10	45	< 10	148
6AS 0447	201	202	6	< 0.01	50	1350	12	< 2	4	127	0.01	< 10	< 10	90	< 10	212

CERTIFICATION:

Chemex Labs Ltd.

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 01-OCT-97
Invoice No. : I9743790
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9743790

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
6AS 0448	201	202	< 5	1.2	1.19	12	670	0.5	< 2	1.02	5.5	11	36	64	2.26	< 10	440	0.10	10	0.56	910
6AS 0449	201	202	< 5	0.8	1.34	6	740	0.5	< 2	0.88	5.0	12	32	59	2.32	< 10	410	0.13	10	0.58	800
6AS 0450	201	202	< 5	0.6	1.37	6	560	< 0.5	< 2	0.73	2.5	9	31	43	2.27	< 10	280	0.12	10	0.60	350
6AS 0451	201	202	< 5	0.8	1.71	6	830	0.5	< 2	0.96	4.5	13	41	62	2.86	< 10	410	0.19	20	0.74	745
6AS 0452	201	202	< 5	0.8	1.40	12	740	< 0.5	< 2	0.86	3.5	10	34	50	2.29	< 10	390	0.15	10	0.62	510
6AS 0453	201	202	< 5	1.0	1.49	4	750	0.5	< 2	0.88	3.5	11	38	56	2.49	< 10	410	0.15	10	0.68	515
6AS 0454	201	202	< 5	1.0	1.47	8	760	0.5	< 2	1.08	7.0	11	38	62	2.38	< 10	540	0.17	10	0.66	705
8AS 0390	201	202	< 5	< 0.2	2.09	< 2	340	< 0.5	< 2	1.10	< 0.5	12	56	30	2.18	< 10	90	0.04	10	0.78	485
8AS 0391	201	202	< 5	< 0.2	2.19	< 2	360	< 0.5	< 2	1.05	< 0.5	15	64	29	2.39	< 10	60	0.04	10	0.86	1445
8AS 0392	201	202	< 5	< 0.2	2.76	12	440	< 0.5	< 2	0.58	< 0.5	10	57	29	3.02	< 10	50	0.06	10	0.75	345
8AS 0393	201	202	< 5	< 0.2	2.30	6	360	< 0.5	< 2	0.90	< 0.5	10	54	28	2.46	< 10	50	0.06	10	0.72	375
8AS 0394	201	202	< 5	< 0.2	2.13	8	260	< 0.5	< 2	1.32	< 0.5	9	34	23	2.27	< 10	60	0.07	10	0.65	245
8AS 0395	201	202	< 5	< 0.2	2.17	8	280	< 0.5	< 2	1.16	< 0.5	11	57	25	2.22	< 10	70	0.04	10	0.81	340
8AS 0396	201	202	< 5	< 0.2	1.81	6	200	< 0.5	< 2	1.56	< 0.5	11	52	32	2.20	< 10	50	0.03	10	0.83	330
8AS 0397	201	202	< 5	< 0.2	1.74	6	230	< 0.5	< 2	1.10	< 0.5	11	58	27	2.12	< 10	30	0.03	< 10	0.84	300
8AS 0398	201	202	< 5	< 0.2	1.74	6	230	< 0.5	< 2	1.35	< 0.5	11	55	29	2.13	< 10	40	0.04	10	0.86	340
8AS 0399	201	202	< 5	< 0.2	1.73	< 2	220	< 0.5	< 2	1.54	< 0.5	11	49	27	2.04	< 10	40	0.03	10	0.78	375
8AS 0400	201	202	< 5	< 0.2	1.92	< 2	270	< 0.5	< 2	1.75	< 0.5	11	55	33	2.24	< 10	60	0.04	10	0.88	370
8AS 0401	201	202	< 5	< 0.2	1.93	2	280	< 0.5	< 2	2.02	< 0.5	10	51	36	2.05	< 10	50	0.06	10	0.81	305
8AS 0402	201	202	< 5	< 0.2	1.93	6	230	< 0.5	< 2	2.03	< 0.5	10	42	42	2.27	< 10	60	0.08	10	1.00	260
8AS 0403	201	202	< 5	< 0.2	1.46	2	150	< 0.5	< 2	1.99	< 0.5	8	37	26	1.73	< 10	70	0.06	10	0.67	250
8AS 0404	201	202	< 5	< 0.2	1.68	8	210	< 0.5	< 2	1.82	< 0.5	11	44	29	2.16	< 10	50	0.06	10	0.85	340
8AS 0405	201	202	< 5	< 0.2	1.90	2	220	< 0.5	< 2	1.85	< 0.5	9	48	32	2.21	< 10	50	0.06	10	0.88	300
8AS 0406	201	202	< 5	< 0.2	1.15	2	170	< 0.5	< 2	2.39	< 0.5	6	29	28	1.38	< 10	70	0.05	10	0.56	200
8AS 0407	201	202	< 5	< 0.2	1.56	2	190	< 0.5	< 2	1.69	< 0.5	8	40	28	1.94	< 10	50	0.06	10	0.80	260
8AS 0408	201	202	< 5	< 0.2	1.40	4	180	< 0.5	< 2	1.79	< 0.5	7	38	25	1.72	< 10	50	0.04	10	0.72	190
8AS 0409	201	202	< 5	< 0.2	1.29	< 2	160	< 0.5	< 2	1.69	< 0.5	8	32	25	1.77	< 10	50	0.04	< 10	0.77	275
8AS 0410	201	202	< 5	< 0.2	1.37	4	160	< 0.5	< 2	1.82	< 0.5	8	28	27	1.92	< 10	40	0.04	10	0.82	345
8AS 0411	201	202	< 5	< 0.2	1.43	2	190	< 0.5	< 2	1.75	< 0.5	7	36	25	1.69	< 10	40	0.03	10	0.75	155
8AS 0412	201	202	< 5	< 0.2	0.45	< 2	180	< 0.5	< 2	3.09	< 0.5	6	8	24	0.66	< 10	50	0.01	< 10	0.19	460
8AS 0413	201	202	not/ss	< 0.2	0.30	8	840	< 0.5	< 2	2.85	< 0.5	103	4	18	2.09	< 10	30	0.01	< 10	0.16	>10000
8AS 0414	201	202	< 5	< 0.2	1.21	2	190	< 0.5	< 2	0.70	< 0.5	6	27	14	1.44	< 10	30	0.03	< 10	0.54	225
8AS 0415	201	202	< 5	< 0.2	1.24	10	180	< 0.5	< 2	0.69	< 0.5	8	28	15	2.08	< 10	30	0.03	< 10	0.61	230

CERTIFICATION:

Chemex Labs Ltd.

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 01-OCT-97
Invoice No. :19743790
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9743790

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
6AS 0448	201	202	5	< 0.01	82	1210	8	2	4	98	0.03	< 10	< 10	176	< 10	744
6AS 0449	201	202	5	< 0.01	80	1170	8	2	4	97	0.03	< 10	< 10	144	< 10	668
6AS 0450	201	202	4	< 0.01	65	1000	6	< 2	4	73	0.06	< 10	< 10	119	< 10	490
6AS 0451	201	202	5	< 0.01	87	1280	10	2	5	107	0.06	< 10	< 10	172	< 10	736
6AS 0452	201	202	4	< 0.01	72	1150	8	2	4	86	0.05	< 10	< 10	132	< 10	590
6AS 0453	201	202	5	< 0.01	78	1210	6	2	5	95	0.06	< 10	< 10	154	< 10	656
6AS 0454	201	202	4	< 0.01	83	1310	8	2	5	104	0.05	< 10	< 10	147	< 10	764
8AS 0390	201	202	< 1	< 0.01	42	750	6	< 2	7	40	0.14	< 10	< 10	60	< 10	56
8AS 0391	201	202	< 1	< 0.01	46	720	6	< 2	7	38	0.16	< 10	< 10	65	< 10	58
8AS 0392	201	202	< 1	< 0.01	35	570	8	< 2	6	34	0.10	< 10	< 10	72	< 10	64
8AS 0393	201	202	< 1	< 0.01	37	670	6	< 2	6	39	0.14	< 10	< 10	66	< 10	62
8AS 0394	201	202	< 1	< 0.01	25	540	6	< 2	5	57	0.08	< 10	< 10	52	< 10	58
8AS 0395	201	202	< 1	< 0.01	40	570	4	< 2	7	45	0.20	< 10	< 10	64	< 10	56
8AS 0396	201	202	< 1	< 0.01	41	630	4	< 2	6	58	0.17	< 10	< 10	59	< 10	54
8AS 0397	201	202	< 1	< 0.01	43	560	2	< 2	6	37	0.18	< 10	< 10	58	< 10	52
8AS 0398	201	202	< 1	< 0.01	43	640	4	< 2	6	45	0.15	< 10	< 10	54	< 10	60
8AS 0399	201	202	< 1	< 0.01	40	440	2	< 2	6	56	0.15	< 10	< 10	51	< 10	54
8AS 0400	201	202	< 1	< 0.01	44	650	4	< 2	6	62	0.14	< 10	< 10	56	< 10	64
8AS 0401	201	202	< 1	< 0.01	42	720	4	< 2	6	70	0.12	< 10	< 10	51	< 10	58
8AS 0402	201	202	< 1	< 0.01	46	720	2	< 2	5	77	0.09	< 10	< 10	42	< 10	56
8AS 0403	201	202	< 1	< 0.01	33	510	2	< 2	5	63	0.09	< 10	< 10	38	< 10	42
8AS 0404	201	202	< 1	< 0.01	39	530	6	< 2	5	66	0.11	< 10	< 10	45	< 10	48
8AS 0405	201	202	< 1	< 0.01	40	650	4	< 2	6	70	0.11	< 10	< 10	46	< 10	54
8AS 0406	201	202	< 1	< 0.01	29	660	2	< 2	4	77	0.05	< 10	< 10	26	< 10	38
8AS 0407	201	202	< 1	< 0.01	36	510	4	< 2	5	61	0.10	< 10	< 10	40	< 10	52
8AS 0408	201	202	< 1	< 0.01	33	520	2	< 2	4	66	0.07	< 10	< 10	33	< 10	46
8AS 0409	201	202	< 1	< 0.01	31	520	4	< 2	3	62	0.05	< 10	< 10	28	< 10	46
8AS 0410	201	202	< 1	< 0.01	28	550	2	< 2	3	67	0.06	< 10	< 10	30	< 10	50
8AS 0411	201	202	< 1	< 0.01	29	550	6	< 2	4	64	0.08	< 10	< 10	34	< 10	42
8AS 0412	201	202	1	0.01	12	980	< 2	< 2	< 1	107	< 0.01	< 10	< 10	9	< 10	10
8AS 0413	201	202	12	< 0.01	17	950	< 2	2	< 1	110	< 0.01	< 10	< 10	11	< 10	16
8AS 0414	201	202	< 1	< 0.01	17	540	8	< 2	3	35	0.04	< 10	< 10	30	< 10	46
8AS 0415	201	202	< 1	< 0.01	22	640	8	< 2	3	34	0.04	< 10	< 10	36	< 10	62

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9743732

Comments: ATTN: GEORGE NICHOLSON

CERTIFICATE A9743732

(PHY) - INTERNATIONAL KODIAK RESOURCES INC.

Project:
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 30-SEP-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	1	Dry, sieve to -80 mesh
202	1	save reject
229	1	ICP - AQ Digestion charge

* NOTE 1:

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

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	1	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2118	1	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	1	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	1	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	1	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	1	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	1	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	1	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	1	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	1	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	1	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	1	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	1	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	1	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	1	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	1	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	1	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	1	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	1	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	1	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	1	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	1	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	1	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	1	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	1	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	1	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	1	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	1	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	1	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	1	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	1	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	1	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	1	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

Chemex Labs Ltd.

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Page Number :1-A
Total Pages :1
Certificate Date: 30-SEP-97
Invoice No. :I9743732
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9743732

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
20BR 0042	201	202	< 5	0.2	1.97	8	870	1.5	< 2	0.14	< 0.5	36	114	210	7.78	< 10	120	0.13	30	0.83	410

CERTIFICATION: Stewart Buchan

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Page Number :1-B
Total Pages :1
Certificate Date: 30-SEP-97
Invoice No. :I9743732
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9743732

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
20BR 0042	201	202	< 1	0.01	104	1410	16	< 2	14	42	< 0.01	< 10	< 10	82	< 10	250

CERTIFICATION:

Chemex Labs Ltd.

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

To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9743797

Comments: ATTN: GEORGE NICHOLSON

CERTIFICATE A9743797

(PHY) - INTERNATIONAL KODIAK RESOURCES INC.

Project:
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 1-OCT-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	236	Dry, sieve to -80 mesh
202	236	save reject
229	236	ICP - AQ Digestion charge
* NOTE	1:	

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

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	236	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2118	236	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	236	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	236	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	236	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	236	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	236	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	236	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	236	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	236	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	236	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	236	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	236	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	236	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	236	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	236	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	236	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	236	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	236	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	236	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	236	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	236	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	236	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	236	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	236	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	236	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	236	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	236	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	236	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	236	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	236	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	236	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	236	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Page Number :1-A
Total Pages :6
Certificate Date: 01-OCT-97
Invoice No. :I9743797
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9743797

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
9ASS 0417	201	202	10	0.6	2.67	28	440	0.5	< 2	0.09	< 0.5	7	33	49	4.17	< 10	50	0.07	< 10	0.36	285
9ASS 0419	201	202	5	0.6	2.13	10	590	0.5	< 2	0.22	< 0.5	7	28	29	2.93	< 10	70	0.12	10	0.60	250
9ASS 0420	201	202	< 5	0.2	1.46	2	540	< 0.5	< 2	0.28	< 0.5	7	25	25	2.19	< 10	50	0.08	10	0.49	235
9ASS 0421	201	202	< 5	0.4	1.72	12	760	0.5	< 2	0.24	< 0.5	8	29	39	2.87	< 10	90	0.13	10	0.49	340
9ASS 0423	201	202	10	0.6	1.58	8	1070	< 0.5	< 2	0.43	< 0.5	9	25	36	2.13	< 10	200	0.11	10	0.57	185
9ASS 0424	201	202	20	0.2	1.62	< 2	840	< 0.5	< 2	0.44	< 0.5	6	24	40	1.89	< 10	250	0.12	10	0.61	125
9ASS 0425	201	202	5	< 0.2	1.40	6	590	< 0.5	< 2	1.28	< 0.5	9	19	26	2.60	< 10	110	0.13	10	0.75	655
9AS 0426	201	202	30	1.4	0.65	12	700	< 0.5	< 2	0.35	2.5	2	16	61	1.09	< 10	660	0.07	< 10	0.11	50
9AS 0427	201	202	15	0.8	1.12	10	640	< 0.5	< 2	0.84	2.5	9	21	48	1.95	< 10	340	0.08	10	0.49	570
9AS 0428	201	202	10	0.2	1.35	6	730	< 0.5	< 2	1.00	0.5	8	17	43	1.85	< 10	240	0.14	10	0.69	260
9AS 0429	201	202	10	0.6	1.35	8	730	0.5	< 2	1.15	1.5	9	20	57	2.08	< 10	330	0.15	10	0.59	315
9AS 0430	201	202	20	0.2	1.32	8	510	0.5	< 2	0.73	1.0	8	21	41	2.14	< 10	190	0.14	10	0.57	235
9AS 0431	201	202	10	0.4	1.21	2	440	< 0.5	< 2	0.81	1.0	9	19	45	2.20	< 10	220	0.12	10	0.59	265
9AS 0432	201	202	10	0.2	1.37	10	430	0.5	< 2	0.89	0.5	9	19	43	2.37	< 10	200	0.14	10	0.81	290
9AS 0433	201	202	10	0.4	0.98	8	460	< 0.5	< 2	0.51	0.5	7	19	45	2.21	< 10	180	0.09	10	0.48	185
9AS 0434	201	202	10	0.4	1.25	6	460	0.5	< 2	0.77	0.5	9	22	49	2.47	< 10	210	0.12	10	0.64	275
9AS 0435	201	202	< 5	0.4	1.32	6	480	0.5	< 2	0.84	1.5	11	22	57	2.75	< 10	240	0.14	10	0.69	405
9AS 0436	201	202	< 5	0.4	1.39	8	510	0.5	< 2	0.93	1.0	12	23	60	2.76	< 10	220	0.15	10	0.72	545
9AS 0437	201	202	< 5	0.2	1.46	12	580	0.5	< 2	0.89	1.0	12	23	56	2.86	< 10	210	0.17	10	0.74	495
9AS 0438	201	202	< 5	0.2	1.42	10	470	0.5	< 2	0.88	0.5	13	23	53	3.03	< 10	180	0.18	10	0.75	820
10ASS 0562	201	202	< 5	0.2	1.02	10	530	< 0.5	< 2	0.15	< 0.5	3	23	24	1.51	< 10	420	0.08	10	0.19	60
10AS 0563	201	202	< 5	< 0.2	1.90	2	480	0.5	< 2	1.20	< 0.5	9	22	29	2.61	< 10	380	0.17	30	1.29	585
10AS 0564	201	202	< 5	0.6	1.75	8	470	0.5	< 2	0.57	< 0.5	9	24	40	2.47	< 10	790	0.15	30	0.88	155
10AS 0565	201	202	< 5	< 0.2	1.80	< 2	220	0.5	< 2	0.86	< 0.5	8	23	22	1.96	< 10	140	0.13	20	1.36	300
10AS 0566	201	202	< 5	< 0.2	1.75	< 2	330	0.5	< 2	0.65	< 0.5	8	20	25	2.15	< 10	350	0.15	30	1.10	165
10AS 0567	201	202	< 5	< 0.2	1.91	6	330	0.5	< 2	0.65	< 0.5	9	23	24	2.59	< 10	290	0.18	30	1.31	240
10AS 0568	201	202	< 5	< 0.2	2.11	4	330	0.5	< 2	0.63	< 0.5	8	25	23	2.42	< 10	260	0.22	30	1.40	205
10AS 0569	201	202	< 5	< 0.2	1.85	2	310	0.5	< 2	0.73	< 0.5	8	23	28	2.32	< 10	290	0.15	20	1.28	230
10AS 0570	201	202	< 5	< 0.2	1.88	6	330	0.5	< 2	0.69	< 0.5	9	23	24	2.33	< 10	240	0.18	30	1.28	280
10AS 0571	201	202	< 5	< 0.2	2.15	2	380	0.5	< 2	0.68	< 0.5	8	25	22	2.48	< 10	230	0.25	30	1.35	255
10AS 0572	201	202	< 5	< 0.2	1.91	2	400	0.5	< 2	1.06	< 0.5	9	23	31	2.38	< 10	280	0.18	30	1.22	425
10AS 0573	201	202	< 5	< 0.2	1.86	6	340	0.5	< 2	0.72	< 0.5	9	24	22	2.24	< 10	230	0.16	30	1.24	245
10AS 0574	201	202	< 5	< 0.2	1.76	2	310	0.5	< 2	0.99	< 0.5	9	21	22	2.45	< 10	190	0.17	20	1.20	325
10AS 0575	201	202	< 5	< 0.2	1.48	< 2	310	< 0.5	< 2	1.08	< 0.5	8	19	24	1.97	< 10	250	0.10	10	0.97	355
10AS 0576	201	202	< 5	< 0.2	1.41	8	290	< 0.5	< 2	0.76	< 0.5	8	19	26	2.20	< 10	240	0.09	10	0.90	350
10AS 0577	201	202	< 5	< 0.2	1.49	8	280	0.5	< 2	0.66	< 0.5	9	19	24	2.42	< 10	210	0.10	20	0.98	315
10AS 0578	201	202	< 5	< 0.2	1.58	6	300	0.5	< 2	0.76	< 0.5	9	19	25	2.40	< 10	230	0.11	20	1.01	360
10AS 0579	201	202	< 5	< 0.2	1.65	2	310	0.5	< 2	0.79	< 0.5	10	21	25	2.58	< 10	260	0.13	20	1.03	355
10AS 0580	201	202	< 5	< 0.2	1.57	< 2	320	0.5	< 2	0.91	< 0.5	8	20	23	2.02	< 10	280	0.12	20	0.93	350
10AS 0581	201	202	< 5	< 0.2	1.49	4	270	0.5	< 2	0.68	< 0.5	8	20	18	1.96	< 10	210	0.12	20	0.86	290

CERTIFICATION: Stuart Buchlen

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To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 01-OCT-97
Invoice No. :I9743797
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Account :PHY

CERTIFICATE OF ANALYSIS A9743797

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
9ASS 0417	201	202	3	< 0.01	32	1150	12	< 2	2	42	0.02	< 10	< 10	85	< 10	118
9ASS 0419	201	202	< 1	< 0.01	23	680	10	2	4	29	0.03	< 10	< 10	61	< 10	74
9ASS 0420	201	202	1	< 0.01	20	790	6	< 2	3	32	0.03	< 10	< 10	48	< 10	68
9ASS 0421	201	202	1	< 0.01	30	1020	12	< 2	4	50	0.03	< 10	< 10	77	< 10	116
9ASS 0423	201	202	1	< 0.01	25	760	12	< 2	3	47	0.01	< 10	< 10	56	< 10	94
9ASS 0424	201	202	1	< 0.01	25	910	8	2	3	48	0.01	< 10	< 10	47	< 10	98
9ASS 0425	201	202	2	< 0.01	20	950	8	< 2	3	76	0.01	< 10	< 10	49	< 10	88
9AS 0426	201	202	3	< 0.01	31	1380	12	2	2	92	< 0.01	< 10	< 10	65	< 10	122
9AS 0427	201	202	3	< 0.01	33	1420	10	< 2	3	78	0.01	< 10	< 10	83	< 10	230
9AS 0428	201	202	1	< 0.01	32	1240	6	< 2	3	106	0.01	< 10	< 10	43	< 10	154
9AS 0429	201	202	3	< 0.01	40	1270	8	2	4	111	0.01	< 10	< 10	80	< 10	238
9AS 0430	201	202	1	< 0.01	32	1160	8	< 2	3	79	0.01	< 10	< 10	77	< 10	202
9AS 0431	201	202	2	< 0.01	39	1200	8	< 2	3	79	0.01	< 10	< 10	69	< 10	258
9AS 0432	201	202	2	< 0.01	32	1150	8	< 2	4	85	0.01	< 10	< 10	54	< 10	166
9AS 0433	201	202	3	< 0.01	32	1150	10	2	3	75	0.01	< 10	< 10	60	< 10	190
9AS 0434	201	202	3	< 0.01	36	1180	10	4	4	86	0.01	< 10	< 10	61	< 10	216
9AS 0435	201	202	3	< 0.01	39	1160	12	2	4	88	0.01	< 10	< 10	65	< 10	226
9AS 0436	201	202	3	< 0.01	40	1200	14	2	4	92	0.01	< 10	< 10	66	< 10	222
9AS 0437	201	202	3	< 0.01	39	1220	12	2	4	86	0.01	< 10	< 10	69	< 10	220
9AS 0438	201	202	4	< 0.01	39	1190	14	2	4	87	0.01	< 10	< 10	74	< 10	226
10ASS 0562	201	202	2	< 0.01	13	910	10	< 2	< 1	46	< 0.01	< 10	< 10	45	< 10	48
10AS 0563	201	202	1	< 0.01	22	890	8	< 2	4	81	< 0.01	< 10	< 10	39	< 10	98
10AS 0564	201	202	1	< 0.01	24	830	10	< 2	5	61	< 0.01	< 10	< 10	41	< 10	106
10AS 0565	201	202	< 1	< 0.01	20	550	4	< 2	3	65	< 0.01	< 10	< 10	32	< 10	78
10AS 0566	201	202	1	< 0.01	21	740	10	< 2	3	66	< 0.01	< 10	< 10	33	< 10	96
10AS 0567	201	202	1	< 0.01	23	790	8	< 2	3	65	< 0.01	< 10	< 10	38	< 10	108
10AS 0568	201	202	1	< 0.01	23	750	6	2	4	66	< 0.01	< 10	< 10	42	< 10	102
10AS 0569	201	202	1	< 0.01	24	790	8	2	4	67	< 0.01	< 10	< 10	35	< 10	104
10AS 0570	201	202	1	< 0.01	24	820	8	< 2	3	65	< 0.01	< 10	< 10	38	< 10	106
10AS 0571	201	202	< 1	< 0.01	24	840	6	< 2	4	70	< 0.01	< 10	< 10	44	< 10	110
10AS 0572	201	202	1	< 0.01	24	900	8	< 2	4	84	< 0.01	< 10	< 10	39	< 10	104
10AS 0573	201	202	< 1	< 0.01	24	830	6	< 2	3	65	< 0.01	< 10	< 10	38	< 10	108
10AS 0574	201	202	1	< 0.01	22	2240	6	< 2	3	110	< 0.01	< 10	< 10	36	< 10	100
10AS 0575	201	202	1	< 0.01	20	810	6	< 2	3	72	< 0.01	< 10	< 10	29	< 10	86
10AS 0576	201	202	< 1	< 0.01	23	850	8	< 2	3	60	< 0.01	< 10	< 10	29	< 10	98
10AS 0577	201	202	< 1	< 0.01	24	900	8	< 2	3	58	< 0.01	< 10	< 10	30	< 10	104
10AS 0578	201	202	< 1	< 0.01	24	850	8	< 2	3	63	< 0.01	< 10	< 10	31	< 10	102
10AS 0579	201	202	< 1	< 0.01	24	960	8	< 2	3	67	< 0.01	< 10	< 10	34	< 10	104
10AS 0580	201	202	< 1	< 0.01	22	860	6	2	4	66	0.01	< 10	< 10	33	< 10	96
10AS 0581	201	202	< 1	< 0.01	21	860	6	2	3	56	0.01	< 10	< 10	33	< 10	90

CERTIFICATION: Ian Buchler

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CERTIFICATE OF ANALYSIS A9743797

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
10AS 0582	201	202	< 5	< 0.2	1.41	6	290	< 0.5	< 2	0.88	< 0.5	7	19	20	1.91	< 10	270	0.10	20	0.85	255
10AS 0583	201	202	< 5	< 0.2	1.64	2	320	0.5	< 2	0.93	< 0.5	9	22	24	2.21	< 10	270	0.13	20	0.95	365
10AS 0584	201	202	< 5	< 0.2	1.79	6	360	0.5	< 2	1.10	0.5	10	23	30	2.56	< 10	300	0.18	20	1.01	515
10AS 0585	201	202	< 5	< 0.2	1.62	< 2	330	0.5	< 2	1.19	< 0.5	8	21	26	1.92	< 10	340	0.15	20	0.90	190
10AS 0586	201	202	< 5	0.2	1.42	6	480	< 0.5	< 2	0.84	0.5	9	21	35	1.82	< 10	260	0.10	10	0.51	1645
10AS 0587	201	202	< 5	< 0.2	1.34	14	490	< 0.5	< 2	0.32	< 0.5	8	21	23	2.90	< 10	130	0.10	10	0.43	185
10AS 0588	201	202	< 5	< 0.2	1.45	6	350	< 0.5	< 2	0.86	< 0.5	8	20	19	2.24	< 10	200	0.12	20	0.73	330
10AS 0589	201	202	< 5	< 0.2	1.66	< 2	330	< 0.5	< 2	0.68	< 0.5	9	21	14	2.30	< 10	160	0.15	20	0.86	230
10AS 0590	201	202	< 5	< 0.2	1.50	2	430	< 0.5	< 2	1.04	< 0.5	7	22	31	2.02	< 10	280	0.10	10	0.64	225
10AS 0591	201	202	< 5	< 0.2	1.57	6	380	< 0.5	< 2	1.05	< 0.5	8	23	26	1.94	< 10	230	0.13	10	0.64	270
10AS 0592	201	202	< 5	< 0.2	1.58	8	420	< 0.5	< 2	1.21	< 0.5	8	23	31	2.11	< 10	310	0.12	10	0.63	360
10AS 0593	201	202	< 5	0.2	1.74	12	460	0.5	< 2	1.50	< 0.5	9	25	38	2.39	< 10	330	0.12	10	0.68	505
10AS 0594	201	202	< 5	< 0.2	1.62	< 2	400	< 0.5	< 2	1.07	< 0.5	9	24	26	2.19	< 10	220	0.11	20	0.68	330
10AS 0595	201	202	< 5	< 0.2	1.39	2	350	< 0.5	< 2	0.91	< 0.5	7	21	20	1.92	< 10	190	0.10	10	0.58	345
10AS 0596	201	202	< 5	< 0.2	1.50	2	370	< 0.5	< 2	1.01	< 0.5	8	21	22	2.10	< 10	250	0.11	10	0.61	400
10AS 0597	201	202	< 5	< 0.2	1.38	6	420	< 0.5	< 2	1.15	< 0.5	9	20	20	2.64	< 10	190	0.09	10	0.57	1190
10AS 0598	201	202	< 5	< 0.2	1.61	2	400	< 0.5	< 2	0.92	< 0.5	8	24	26	2.17	< 10	190	0.10	10	0.63	265
10AS 0599	201	202	< 5	< 0.2	1.59	8	420	< 0.5	< 2	1.14	< 0.5	10	24	22	2.47	< 10	200	0.10	10	0.62	710
10AS 0600	201	202	< 5	< 0.2	1.42	10	330	< 0.5	< 2	0.85	< 0.5	8	21	17	2.08	< 10	150	0.08	10	0.64	445
10AS 0601	201	202	< 5	< 0.2	1.23	< 2	260	< 0.5	< 2	0.64	< 0.5	7	19	15	1.47	< 10	110	0.06	10	0.60	95
10AS 0602	201	202	< 5	< 0.2	1.23	< 2	310	< 0.5	< 2	0.97	< 0.5	7	19	20	1.50	< 10	180	0.06	10	0.55	105
10AS 0603	201	202	< 5	< 0.2	1.30	2	390	< 0.5	< 2	1.14	< 0.5	9	20	24	2.76	< 10	190	0.06	10	0.55	825
10AS 0604	201	202	< 5	0.2	0.61	4	450	< 0.5	< 2	1.57	0.5	8	7	45	4.36	< 10	160	0.01	< 10	0.11	630
11ASS 0225	201	202	< 5	1.6	1.52	18	210	< 0.5	< 2	0.12	< 0.5	3	43	24	2.30	< 10	730	0.08	10	0.25	85
11AS 0226	201	202	< 5	0.2	1.05	8	260	< 0.5	< 2	0.18	0.5	2	17	13	1.04	< 10	200	0.10	10	0.23	65
11ASS 0227	201	202	< 5	0.2	1.15	12	360	0.5	< 2	0.19	1.5	8	17	29	2.39	< 10	200	0.16	10	0.23	220
11AS 0228	201	202	< 5	0.6	1.02	12	300	< 0.5	< 2	0.21	3.0	5	19	41	1.63	< 10	420	0.11	10	0.22	125
11AS 0229	201	202	< 5	0.4	1.24	10	400	0.5	< 2	0.35	4.0	6	25	45	1.76	< 10	470	0.13	10	0.34	215
11AS 0230	201	202	< 5	0.4	1.06	14	430	< 0.5	< 2	0.30	3.0	19	21	35	2.20	< 10	350	0.11	10	0.30	1005
11AS 0231	201	202	< 5	0.2	0.90	8	300	< 0.5	< 2	0.30	2.0	10	19	24	1.78	< 10	320	0.08	10	0.32	465
11AS 0232	201	202	< 5	0.6	1.06	12	450	< 0.5	< 2	0.29	2.5	17	21	38	2.32	< 10	330	0.13	10	0.27	820
11AS 0234	201	202	< 5	0.6	1.17	10	250	< 0.5	< 2	0.16	< 0.5	3	21	35	1.38	< 10	390	0.10	10	0.29	70
11AS 0235	201	202	< 5	0.6	0.96	10	370	< 0.5	< 2	0.32	2.0	10	20	38	1.79	< 10	470	0.08	10	0.29	540
11AS 0236	201	202	15	0.2	1.00	6	340	< 0.5	< 2	0.32	1.5	12	22	32	2.01	< 10	200	0.09	10	0.35	565
11AS 0237	201	202	< 5	0.4	1.01	10	360	< 0.5	< 2	0.26	1.0	15	21	33	1.95	< 10	290	0.09	10	0.30	720
11AS 0238	201	202	< 5	0.2	0.99	8	330	< 0.5	< 2	0.29	1.0	11	22	29	1.88	< 10	220	0.10	10	0.32	635
11AS 0239	201	202	< 5	< 0.2	1.13	10	250	< 0.5	< 2	0.33	0.5	6	22	26	1.72	< 10	130	0.08	10	0.43	185
11AS 0240	201	202	< 5	0.2	1.28	14	470	0.5	< 2	0.32	1.5	14	26	41	2.48	< 10	200	0.17	10	0.36	670
11AS 0241	201	202	< 5	0.2	1.51	6	340	< 0.5	< 2	0.56	0.5	9	28	39	2.61	< 10	150	0.13	10	0.61	415
11AS 0242	201	202	< 5	0.4	1.40	12	390	< 0.5	< 2	0.64	1.5	9	28	36	2.16	< 10	280	0.15	10	0.42	495

CERTIFICATION: Hart Bichler

Chemex Labs Ltd.

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 01-OCT-97
Invoice No. :19743797
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9743797

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
10AS 0582	201	202	< 1	< 0.01	21	810	8	< 2	3	63	0.01	< 10	< 10	29	< 10	94
10AS 0583	201	202	< 1	< 0.01	24	930	8	< 2	4	68	0.01	< 10	< 10	35	< 10	102
10AS 0584	201	202	1	< 0.01	26	980	8	< 2	4	80	0.01	< 10	< 10	40	< 10	114
10AS 0585	201	202	< 1	< 0.01	23	850	8	< 2	4	78	0.01	< 10	< 10	34	< 10	94
10AS 0586	201	202	2	< 0.01	28	860	8	< 2	3	84	0.02	< 10	< 10	38	< 10	94
10AS 0587	201	202	1	< 0.01	22	800	10	< 2	3	37	0.03	< 10	< 10	43	< 10	80
10AS 0588	201	202	< 1	< 0.01	20	950	6	< 2	3	69	0.01	< 10	< 10	34	< 10	86
10AS 0589	201	202	< 1	< 0.01	23	1040	6	< 2	3	61	0.01	< 10	< 10	38	< 10	92
10AS 0590	201	202	1	< 0.01	22	850	8	< 2	4	72	0.03	< 10	< 10	40	< 10	78
10AS 0591	201	202	< 1	< 0.01	22	860	6	< 2	4	67	0.03	< 10	< 10	42	< 10	84
10AS 0592	201	202	< 1	< 0.01	23	880	8	< 2	4	75	0.03	< 10	< 10	42	< 10	86
10AS 0593	201	202	< 1	< 0.01	26	920	8	< 2	5	90	0.03	< 10	< 10	44	< 10	92
10AS 0594	201	202	1	< 0.01	23	850	6	< 2	4	68	0.04	< 10	< 10	42	< 10	82
10AS 0595	201	202	< 1	< 0.01	20	800	6	< 2	4	57	0.03	< 10	< 10	38	< 10	74
10AS 0596	201	202	< 1	< 0.01	21	830	6	< 2	4	63	0.03	< 10	< 10	40	< 10	78
10AS 0597	201	202	< 1	< 0.01	22	930	6	< 2	4	68	0.04	< 10	< 10	38	< 10	76
10AS 0598	201	202	< 1	< 0.01	22	780	6	< 2	4	57	0.05	< 10	< 10	43	< 10	78
10AS 0599	201	202	< 1	< 0.01	24	840	6	< 2	4	67	0.05	< 10	< 10	48	< 10	74
10AS 0600	201	202	< 1	< 0.01	21	800	6	< 2	4	54	0.05	< 10	< 10	38	< 10	74
10AS 0601	201	202	< 1	< 0.01	19	710	2	< 2	3	41	0.04	< 10	< 10	32	< 10	68
10AS 0602	201	202	< 1	< 0.01	19	700	6	2	3	55	0.03	< 10	< 10	32	< 10	70
10AS 0603	201	202	< 1	< 0.01	21	1020	6	< 2	4	67	0.03	< 10	< 10	36	< 10	80
10AS 0604	201	202	3	< 0.01	17	1370	< 2	< 2	1	83	< 0.01	< 10	< 10	19	< 10	38
11ASS 0225	201	202	14	< 0.01	16	1630	14	2	< 1	30	0.01	< 10	< 10	297	< 10	40
11AS 0226	201	202	< 1	< 0.01	14	560	8	< 2	1	32	0.01	< 10	< 10	28	< 10	56
11ASS 0227	201	202	10	< 0.01	37	880	8	2	3	47	0.01	< 10	< 10	115	< 10	200
11AS 0228	201	202	7	< 0.01	38	1110	10	2	2	73	0.01	< 10	< 10	103	< 10	220
11AS 0229	201	202	3	< 0.01	41	880	8	2	4	65	0.02	< 10	< 10	152	< 10	284
11AS 0230	201	202	9	< 0.01	38	970	14	2	3	72	0.02	< 10	< 10	126	< 10	220
11AS 0231	201	202	3	< 0.01	27	820	10	< 2	3	53	0.03	< 10	< 10	60	< 10	166
11AS 0232	201	202	10	< 0.01	39	1160	16	2	3	78	0.01	< 10	< 10	119	< 10	238
11AS 0234	201	202	1	< 0.01	20	770	8	< 2	3	39	0.01	< 10	< 10	47	< 10	80
11AS 0235	201	202	8	< 0.01	34	820	10	< 2	3	65	0.01	< 10	< 10	95	< 10	202
11AS 0236	201	202	4	< 0.01	27	890	10	< 2	3	50	0.03	< 10	< 10	66	< 10	130
11AS 0237	201	202	7	< 0.01	29	910	12	2	3	53	0.02	< 10	< 10	93	< 10	146
11AS 0238	201	202	4	< 0.01	25	860	10	< 2	3	49	0.03	< 10	< 10	71	< 10	118
11AS 0239	201	202	< 1	< 0.01	24	700	6	2	3	35	0.05	< 10	< 10	49	< 10	112
11AS 0240	201	202	6	< 0.01	37	1020	12	2	4	62	0.02	< 10	< 10	94	< 10	194
11AS 0241	201	202	1	0.01	35	860	8	< 2	5	53	0.06	< 10	< 10	60	< 10	126
11AS 0242	201	202	3	< 0.01	38	1030	10	< 2	4	70	0.03	< 10	< 10	90	< 10	188

CERTIFICATION: Stewart Bichlmaier

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 01-OCT-97
Invoice No. :I9743797
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9743797

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
11AS 0243	201	202	< 5	< 0.2	0.91	6	280	< 0.5	< 2	0.47	0.5	9	19	29	2.24	< 10	140	0.11	10	0.40	310
11AS 0244	201	202	< 5	< 0.2	0.94	2	220	< 0.5	< 2	0.43	< 0.5	7	18	16	1.78	< 10	50	0.06	10	0.43	250
11AS 0245	201	202	< 5	< 0.2	1.18	8	300	< 0.5	< 2	0.54	< 0.5	8	25	23	2.21	< 10	40	0.09	10	0.54	305
11AS 0246	201	202	< 5	0.2	1.15	8	260	< 0.5	< 2	0.51	1.0	8	23	27	1.97	< 10	210	0.10	10	0.44	410
11AS 0247	201	202	< 5	< 0.2	1.02	10	270	< 0.5	< 2	0.54	0.5	8	23	23	2.09	< 10	70	0.09	10	0.47	305
11AS 0248	201	202	< 5	< 0.2	1.10	6	340	< 0.5	< 2	0.91	< 0.5	8	23	24	2.25	< 10	40	0.07	10	0.64	320
11AS 0700	201	202	< 5	0.2	0.51	< 2	550	< 0.5	< 2	0.16	< 0.5	1	13	19	0.49	< 10	430	0.09	< 10	0.09	30
11AS 0701	201	202	< 5	1.2	0.67	6	510	< 0.5	< 2	0.13	< 0.5	1	14	28	0.84	< 10	440	0.08	10	0.09	40
11AS 0702	201	202	< 5	1.2	0.89	10	490	< 0.5	< 2	0.42	2.0	19	21	48	1.99	< 10	340	0.09	10	0.30	985
11AS 0703	201	202	< 5	0.6	0.75	8	310	< 0.5	< 2	0.17	< 0.5	4	21	25	1.63	< 10	280	0.07	10	0.22	115
11AS 0704	201	202	< 5	1.0	1.02	6	580	0.5	< 2	0.73	2.5	13	23	50	2.23	< 10	330	0.11	10	0.36	770
11AS 0705	201	202	< 5	0.6	1.10	10	390	< 0.5	< 2	0.71	1.5	9	24	37	2.15	< 10	200	0.10	10	0.47	400
11AS 0706	201	202	< 5	1.2	1.05	10	730	0.5	< 2	1.43	5.0	13	22	61	1.89	< 10	580	0.11	10	0.28	710
11AS 0707	201	202	< 5	1.0	1.13	14	830	0.5	< 2	0.91	4.5	18	26	55	2.47	< 10	460	0.17	10	0.25	845
11AS 0708	201	202	< 5	0.8	1.11	12	560	0.5	< 2	1.05	1.5	9	24	55	2.15	< 10	390	0.12	10	0.38	435
11AS 0709	201	202	< 5	0.8	1.04	6	600	0.5	< 2	1.17	3.0	10	22	60	2.12	< 10	350	0.13	10	0.37	585
11AS 0710	201	202	< 5	0.4	0.87	10	330	< 0.5	< 2	0.62	2.0	9	21	38	2.01	< 10	180	0.10	10	0.40	440
11AS 0711	201	202	< 5	0.6	0.80	18	660	0.5	< 2	0.80	2.5	11	19	67	2.57	< 10	230	0.13	10	0.25	585
11AS 0712	201	202	< 5	0.8	0.87	16	930	0.5	< 2	0.84	3.0	12	21	63	2.65	< 10	260	0.15	10	0.24	525
11AS 0713	201	202	< 5	0.8	0.80	8	470	< 0.5	< 2	0.96	2.5	9	19	48	1.97	< 10	300	0.10	10	0.32	430
11AS 0714	201	202	< 5	0.6	0.81	14	440	< 0.5	< 2	0.87	2.0	9	19	48	2.01	< 10	300	0.09	10	0.34	440
11AS 0715	201	202	< 5	0.2	0.97	14	610	0.5	< 2	0.36	< 0.5	14	18	50	3.53	< 10	200	0.15	10	0.26	840
11AS 0716	201	202	< 5	0.4	1.08	16	690	0.5	< 2	0.38	< 0.5	15	21	50	3.24	< 10	240	0.17	10	0.26	935
11AS 0717	201	202	< 5	0.2	1.03	6	420	< 0.5	< 2	0.79	1.0	7	23	38	1.98	< 10	220	0.10	10	0.45	240
11AS 0718	201	202	< 5	0.4	1.00	12	840	0.5	< 2	0.72	2.0	11	22	52	2.59	< 10	230	0.15	10	0.31	485
11AS 0719	201	202	< 5	< 0.2	1.34	2	260	< 0.5	< 2	0.21	< 0.5	20	24	20	2.57	< 10	100	0.10	10	0.45	740
11AS 0720	201	202	< 5	0.6	1.01	10	480	< 0.5	< 2	0.72	1.5	11	23	39	2.20	< 10	250	0.11	10	0.39	635
11AS 0721	201	202	< 5	1.4	0.73	12	530	0.5	< 2	0.99	6.5	11	23	80	1.82	< 10	750	0.10	10	0.33	465
11AS 0722	201	202	< 5	0.6	1.00	12	570	0.5	< 2	0.79	2.5	11	21	51	2.37	< 10	280	0.12	10	0.36	600
11AS 0723	201	202	< 5	0.6	0.93	8	540	0.5	< 2	0.73	2.5	11	21	51	2.41	< 10	290	0.12	10	0.35	560
11AS 0724	201	202	< 5	0.6	0.98	12	620	0.5	< 2	0.73	2.5	13	22	50	2.50	< 10	260	0.14	10	0.35	850
11AS 0725	201	202	< 5	0.6	1.01	12	560	0.5	< 2	0.75	2.0	10	23	50	2.37	< 10	300	0.14	10	0.34	605
11AS 0726	201	202	45	0.8	1.06	10	370	0.5	< 2	0.65	2.5	13	23	126	3.10	< 10	320	0.10	10	0.30	605
11AS 0727	201	202	10	0.6	0.78	12	500	0.5	< 2	0.75	5.0	12	19	73	2.72	< 10	340	0.11	10	0.29	955
11AS 0728	201	202	< 5	0.8	0.65	14	290	< 0.5	< 2	0.31	2.5	14	27	32	3.36	< 10	320	0.25	10	0.26	280
11AS 0729	201	202	< 5	0.2	1.11	4	320	< 0.5	< 2	0.35	0.5	8	23	45	2.30	< 10	200	0.10	10	0.38	315
11AS 0730	201	202	20	1.0	1.03	14	540	0.5	< 2	0.88	2.5	12	29	90	2.83	< 10	590	0.14	10	0.35	455
11AS 0731	201	202	15	0.8	1.13	14	400	0.5	< 2	0.56	1.0	9	31	72	2.70	< 10	510	0.13	10	0.31	375
11AS 0732	201	202	< 5	0.6	1.31	8	670	< 0.5	< 2	0.44	1.5	11	30	45	2.64	< 10	930	0.10	10	0.38	1055
11AS 0733	201	202	< 5	0.8	0.79	8	530	< 0.5	< 2	3.84	3.0	6	23	67	1.91	< 10	620	0.13	10	0.31	225

CERTIFICATION:

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CERTIFICATE OF ANALYSIS A9743797

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
11AS 0243	201	202	3	< 0.01	29	900	12	< 2	3	54	0.03	< 10	< 10	44	< 10	120
11AS 0244	201	202	< 1	< 0.01	21	790	6	2	3	32	0.04	< 10	< 10	39	< 10	82
11AS 0245	201	202	1	0.01	28	790	6	< 2	4	39	0.06	< 10	< 10	49	< 10	110
11AS 0246	201	202	1	< 0.01	33	880	8	< 2	3	46	0.04	< 10	< 10	63	< 10	178
11AS 0247	201	202	1	< 0.01	28	900	8	< 2	3	41	0.05	< 10	< 10	53	< 10	112
11AS 0248	201	202	< 1	0.01	25	820	8	< 2	3	45	0.05	< 10	< 10	47	< 10	92
11AS 0700	201	202	< 1	< 0.01	11	590	8	< 2	2	62	< 0.01	< 10	< 10	11	< 10	16
11AS 0701	201	202	1	< 0.01	15	1310	14	< 2	1	60	< 0.01	< 10	< 10	36	< 10	40
11AS 0702	201	202	6	< 0.01	39	1610	14	2	3	69	0.01	< 10	< 10	120	< 10	208
11AS 0703	201	202	5	< 0.01	22	790	10	< 2	1	39	0.01	< 10	< 10	74	< 10	88
11AS 0704	201	202	8	< 0.01	48	1370	12	2	4	74	0.01	< 10	< 10	134	< 10	272
11AS 0705	201	202	3	< 0.01	38	1040	8	2	4	55	0.04	< 10	< 10	91	< 10	188
11AS 0706	201	202	7	< 0.01	50	1610	10	2	3	87	< 0.01	< 10	< 10	201	< 10	328
11AS 0707	201	202	8	< 0.01	56	2150	12	6	4	107	< 0.01	< 10	< 10	227	< 10	314
11AS 0708	201	202	7	< 0.01	52	1220	12	< 2	4	71	0.02	< 10	< 10	137	< 10	290
11AS 0709	201	202	6	< 0.01	52	1330	8	2	4	74	0.01	< 10	< 10	120	< 10	296
11AS 0710	201	202	5	< 0.01	37	950	8	2	4	54	0.03	< 10	< 10	109	< 10	228
11AS 0711	201	202	12	< 0.01	53	1690	10	6	3	82	< 0.01	< 10	< 10	160	< 10	364
11AS 0712	201	202	9	< 0.01	62	1800	12	4	4	86	< 0.01	< 10	< 10	168	< 10	404
11AS 0713	201	202	6	< 0.01	44	1230	10	2	3	65	0.01	< 10	< 10	124	< 10	248
11AS 0714	201	202	7	< 0.01	45	1190	8	< 2	3	62	0.01	< 10	< 10	113	< 10	250
11AS 0715	201	202	4	< 0.01	34	960	12	2	4	72	0.01	< 10	< 10	52	< 10	126
11AS 0716	201	202	6	< 0.01	36	1160	16	< 2	4	85	0.01	< 10	< 10	63	< 10	120
11AS 0717	201	202	3	< 0.01	30	880	10	2	4	56	0.03	< 10	< 10	81	< 10	160
11AS 0718	201	202	6	< 0.01	48	1310	12	< 2	4	72	0.01	< 10	< 10	104	< 10	276
11AS 0719	201	202	1	< 0.01	23	540	10	< 2	3	23	0.03	< 10	< 10	46	< 10	102
11AS 0720	201	202	4	< 0.01	39	970	10	< 2	4	63	0.02	< 10	< 10	91	< 10	192
11AS 0721	201	202	8	< 0.01	82	1340	10	4	4	91	< 0.01	< 10	< 10	172	< 10	508
11AS 0722	201	202	5	< 0.01	47	1090	10	< 2	4	73	0.01	< 10	< 10	91	< 10	268
11AS 0723	201	202	5	< 0.01	50	1140	12	< 2	4	68	0.01	< 10	< 10	98	< 10	272
11AS 0724	201	202	5	< 0.01	52	1150	12	< 2	4	75	0.01	< 10	< 10	106	< 10	298
11AS 0725	201	202	5	< 0.01	48	1150	10	2	4	76	0.01	< 10	< 10	94	< 10	276
11AS 0726	201	202	4	< 0.01	70	1280	12	2	5	102	< 0.01	< 10	< 10	89	< 10	436
11AS 0727	201	202	5	< 0.01	63	1260	12	< 2	4	81	0.01	< 10	< 10	69	< 10	478
11AS 0728	201	202	6	< 0.01	40	1290	22	< 2	3	273	0.01	< 10	< 10	68	< 10	206
11AS 0729	201	202	2	< 0.01	33	710	10	< 2	4	42	0.04	< 10	< 10	50	< 10	134
11AS 0730	201	202	5	< 0.01	72	1340	12	< 2	5	125	0.01	< 10	< 10	102	< 10	400
11AS 0731	201	202	5	< 0.01	77	1260	12	< 2	4	95	0.02	< 10	< 10	115	< 10	336
11AS 0732	201	202	3	< 0.01	56	1050	14	2	5	68	0.04	< 10	< 10	82	< 10	210
11AS 0733	201	202	5	< 0.01	57	1080	10	< 2	3	183	0.01	< 10	< 10	85	< 10	354

CERTIFICATION:

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 01-OCT-97
Invoice No. :I9743797
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9743797

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
14AS 0085	201	202	< 5	< 0.2	2.23	8	400	< 0.5	< 2	0.47	< 0.5	16	46	22	2.62	< 10	90	0.06	10	0.59	530
14ASS 0086	201	202	< 5	< 0.2	1.80	8	200	< 0.5	< 2	0.17	< 0.5	7	29	15	2.59	< 10	60	0.05	10	0.49	195
14ASS 0087	201	202	< 5	< 0.2	1.72	6	250	< 0.5	< 2	0.80	< 0.5	10	26	16	2.35	< 10	90	0.08	10	0.67	285
14ASS 0088	201	202	< 5	< 0.2	1.73	< 2	330	< 0.5	< 2	1.40	< 0.5	10	26	14	2.08	< 10	60	0.08	20	0.60	370
14AS 0090	201	202	< 5	< 0.2	2.07	2	250	< 0.5	< 2	1.12	< 0.5	16	40	18	3.01	< 10	50	0.07	10	1.16	410
14AS 0091	201	202	< 5	< 0.2	2.01	< 2	270	< 0.5	< 2	1.23	< 0.5	16	59	29	2.96	< 10	70	0.05	10	1.27	355
14ASS 0093	201	202	< 5	< 0.2	1.46	6	250	< 0.5	< 2	1.44	< 0.5	15	30	40	2.98	< 10	80	0.05	10	0.76	730
14ASS 0094	201	202	< 5	< 0.2	1.59	< 2	510	< 0.5	< 2	1.88	< 0.5	13	31	37	3.00	< 10	130	0.04	20	0.85	495
14AS 0095	201	202	< 5	< 0.2	1.47	< 2	330	< 0.5	< 2	1.10	< 0.5	12	28	9	2.89	< 10	50	0.04	10	0.77	390
14AS 0096	201	202	< 5	< 0.2	1.34	2	210	< 0.5	< 2	0.78	< 0.5	10	32	18	2.23	< 10	40	0.05	10	0.75	205
14AS 0097	201	202	< 5	< 0.2	1.80	< 2	310	< 0.5	< 2	0.92	< 0.5	15	40	18	2.96	< 10	60	0.06	10	1.08	355
14AS 0098	201	202	< 5	< 0.2	1.76	6	300	< 0.5	< 2	1.17	< 0.5	15	42	26	2.76	< 10	90	0.06	10	0.96	425
14AS 0099	201	202	< 5	< 0.2	1.46	4	250	< 0.5	< 2	0.92	< 0.5	11	34	19	2.28	< 10	60	0.06	10	0.80	300
14ASS 0100	201	202	< 5	0.8	2.19	56	510	< 0.5	< 2	1.05	< 0.5	13	63	64	2.91	< 10	190	0.11	10	0.76	590
14ASS 0101	201	202	< 5	0.2	2.08	10	490	< 0.5	< 2	1.36	< 0.5	17	76	68	3.39	< 10	200	0.08	10	1.52	375
14AS 0102	201	202	< 5	0.2	2.02	< 2	440	< 0.5	< 2	1.30	< 0.5	15	69	77	3.43	< 10	270	0.10	10	1.20	445
14ASS 0103	201	202	< 5	0.2	1.84	2	320	< 0.5	< 2	0.94	< 0.5	11	52	55	2.68	< 10	240	0.11	10	0.83	355
14AS 0105	201	202	< 5	< 0.2	1.35	2	190	< 0.5	< 2	1.66	< 0.5	9	27	21	2.37	< 10	60	0.08	20	0.85	240
14AS 0107	201	202	< 5	< 0.2	1.37	< 2	220	< 0.5	< 2	1.33	< 0.5	10	32	24	2.34	< 10	50	0.08	10	0.93	335
14AS 0108	201	202	< 5	< 0.2	1.60	< 2	300	< 0.5	< 2	1.02	< 0.5	12	39	26	2.58	< 10	70	0.10	20	0.99	325
15ASS 0191	201	202	< 5	< 0.2	1.45	2	330	0.5	< 2	1.05	< 0.5	10	10	10	3.38	< 10	80	0.15	40	0.21	175
15AS 0192	201	202	< 5	< 0.2	1.47	2	250	< 0.5	< 2	1.19	< 0.5	13	11	10	2.44	< 10	70	0.14	30	0.31	755
15AS 0193	201	202	< 5	< 0.2	1.49	6	240	< 0.5	< 2	1.01	< 0.5	11	9	6	2.15	< 10	70	0.15	40	0.28	255
15AS 0194	201	202	< 5	< 0.2	1.42	6	300	< 0.5	< 2	1.01	< 0.5	12	13	16	2.69	< 10	70	0.15	40	0.34	470
15AS 0195	201	202	< 5	< 0.2	1.60	6	320	< 0.5	< 2	1.09	< 0.5	11	14	13	2.23	< 10	80	0.14	30	0.36	350
15AS 0196	201	202	< 5	< 0.2	1.52	< 2	270	< 0.5	< 2	1.06	< 0.5	10	16	13	2.26	< 10	90	0.11	30	0.39	275
15AS 0197	201	202	< 5	< 0.2	1.39	4	230	< 0.5	< 2	0.89	< 0.5	10	19	11	2.05	< 10	50	0.09	30	0.45	230
15AS 0198	201	202	35	< 0.2	1.43	< 2	260	< 0.5	< 2	1.00	< 0.5	12	22	12	2.28	< 10	70	0.09	30	0.50	445
15AS 0199	201	202	< 5	< 0.2	1.44	< 2	240	< 0.5	< 2	1.02	< 0.5	12	25	12	2.30	< 10	40	0.07	20	0.59	305
15AS 0200	201	202	< 5	< 0.2	1.49	6	250	< 0.5	< 2	1.07	< 0.5	13	26	13	2.34	< 10	110	0.08	20	0.58	370
15AS 0201	201	202	< 5	< 0.2	1.46	< 2	230	< 0.5	< 2	1.05	< 0.5	11	25	13	2.29	< 10	60	0.08	20	0.59	390
15AS 0203	201	202	< 5	< 0.2	1.62	6	250	< 0.5	< 2	1.30	< 0.5	12	26	16	2.35	< 10	80	0.10	20	0.60	415
15AS 0205	201	202	< 5	< 0.2	1.54	< 2	210	< 0.5	< 2	1.59	< 0.5	13	33	25	2.27	< 10	80	0.07	10	0.68	480
15AS 0206	201	202	< 5	< 0.2	1.24	2	170	< 0.5	< 2	1.07	< 0.5	12	23	16	2.04	< 10	60	0.06	10	0.55	365
15AS 0207	201	202	< 5	< 0.2	2.23	6	600	< 0.5	< 2	0.94	< 0.5	26	57	51	5.55	< 10	40	0.03	10	1.59	645
15AS 0208	201	202	< 5	< 0.2	1.56	< 2	260	< 0.5	< 2	1.23	< 0.5	15	39	23	2.86	< 10	70	0.04	10	0.97	485
15AS 0209	201	202	< 5	< 0.2	1.96	6	290	< 0.5	< 2	1.00	< 0.5	19	56	21	3.50	< 10	60	0.04	10	1.35	355
15AS 0210	201	202	< 5	< 0.2	1.64	6	240	< 0.5	< 2	0.88	< 0.5	16	43	16	2.75	< 10	60	0.04	10	1.03	300
16ASS 0294	201	202	< 5	< 0.2	2.07	8	280	< 0.5	< 2	0.73	< 0.5	11	35	23	2.79	< 10	30	0.06	10	0.92	340
16ASS 0295	201	202	< 5	< 0.2	2.08	< 2	300	< 0.5	< 2	0.81	< 0.5	11	35	27	2.67	< 10	50	0.06	10	0.87	435

CERTIFICATION: Stuart Buchholz

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 01-OCT-97
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Account :PHY

CERTIFICATE OF ANALYSIS A9743797

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
14AS 0085	201	202	< 1	< 0.01	32	860	6	< 2	5	26	0.04	< 10	< 10	58	< 10	72
14ASS 0086	201	202	< 1	< 0.01	19	530	8	< 2	3	16	0.04	< 10	< 10	53	< 10	60
14ASS 0087	201	202	< 1	< 0.01	23	830	4	< 2	5	33	0.07	< 10	< 10	60	< 10	78
14ASS 0088	201	202	< 1	< 0.01	22	1000	4	< 2	4	44	0.05	< 10	< 10	45	< 10	64
14AS 0090	201	202	< 1	< 0.01	39	910	4	< 2	6	42	0.14	< 10	< 10	77	< 10	78
14AS 0091	201	202	< 1	< 0.01	48	650	2	< 2	7	38	0.18	< 10	< 10	84	< 10	82
14ASS 0093	201	202	< 1	< 0.01	31	810	4	< 2	5	51	0.08	< 10	< 10	50	< 10	66
14ASS 0094	201	202	< 1	< 0.01	33	940	2	< 2	5	65	0.07	< 10	< 10	52	< 10	70
14AS 0095	201	202	< 1	< 0.01	22	1160	2	< 2	3	40	0.11	< 10	< 10	42	< 10	86
14AS 0096	201	202	< 1	< 0.01	29	760	2	< 2	5	34	0.11	< 10	< 10	52	< 10	74
14AS 0097	201	202	< 1	< 0.01	37	820	2	< 2	5	38	0.16	< 10	< 10	68	< 10	84
14AS 0098	201	202	< 1	< 0.01	38	830	6	< 2	6	45	0.14	< 10	< 10	68	< 10	86
14AS 0099	201	202	< 1	< 0.01	30	750	2	< 2	5	38	0.11	< 10	< 10	53	< 10	72
14ASS 0100	201	202	< 1	< 0.01	44	1010	6	< 2	4	60	0.04	< 10	< 10	67	< 10	90
14ASS 0101	201	202	< 1	< 0.01	62	730	8	< 2	7	47	0.17	< 10	< 10	79	< 10	88
14AS 0102	201	202	< 1	< 0.01	56	780	6	< 2	6	50	0.11	< 10	< 10	70	< 10	102
14ASS 0103	201	202	< 1	< 0.01	42	890	6	2	5	42	0.07	< 10	< 10	58	< 10	100
14AS 0105	201	202	< 1	< 0.01	25	860	8	< 2	4	62	0.03	< 10	< 10	31	< 10	66
14AS 0107	201	202	< 1	< 0.01	29	860	6	< 2	4	52	0.08	< 10	< 10	40	< 10	70
14AS 0108	201	202	< 1	< 0.01	34	890	8	< 2	5	49	0.12	< 10	< 10	51	< 10	82
15ASS 0191	201	202	< 1	< 0.01	10	2620	2	< 2	3	40	< 0.01	< 10	< 10	29	< 10	60
15AS 0192	201	202	1	< 0.01	12	1920	2	< 2	3	45	0.01	< 10	< 10	31	< 10	74
15AS 0193	201	202	< 1	< 0.01	10	2050	2	< 2	3	41	< 0.01	< 10	< 10	30	< 10	76
15AS 0194	201	202	< 1	< 0.01	16	1980	6	< 2	3	41	0.01	< 10	< 10	36	< 10	76
15AS 0195	201	202	< 1	< 0.01	15	1770	4	< 2	4	42	0.01	< 10	< 10	36	< 10	82
15AS 0196	201	202	< 1	< 0.01	16	1610	2	< 2	3	44	0.01	< 10	< 10	34	< 10	76
15AS 0197	201	202	< 1	< 0.01	19	1310	2	< 2	3	36	0.04	< 10	< 10	34	< 10	70
15AS 0198	201	202	< 1	< 0.01	21	1420	4	< 2	3	40	0.05	< 10	< 10	37	< 10	74
15AS 0199	201	202	< 1	< 0.01	24	1290	4	< 2	4	39	0.07	< 10	< 10	40	< 10	68
15AS 0200	201	202	< 1	< 0.01	25	1300	4	< 2	4	40	0.07	< 10	< 10	42	< 10	72
15AS 0201	201	202	< 1	< 0.01	24	1210	4	< 2	4	49	0.07	< 10	< 10	39	< 10	68
15AS 0203	201	202	< 1	< 0.01	24	1190	2	< 2	4	64	0.06	< 10	< 10	43	< 10	70
15AS 0205	201	202	< 1	< 0.01	30	1020	6	< 2	5	72	0.07	< 10	< 10	48	< 10	64
15AS 0206	201	202	< 1	< 0.01	24	1030	2	< 2	3	54	0.04	< 10	< 10	33	< 10	66
15AS 0207	201	202	1	< 0.01	52	1190	6	2	7	39	0.22	< 10	< 10	92	< 10	102
15AS 0208	201	202	< 1	< 0.01	36	1030	4	< 2	5	53	0.09	< 10	< 10	55	< 10	74
15AS 0209	201	202	< 1	< 0.01	48	1130	2	< 2	5	42	0.15	< 10	< 10	70	< 10	90
15AS 0210	201	202	< 1	< 0.01	37	980	2	< 2	5	38	0.13	< 10	< 10	57	< 10	76
16ASS 0294	201	202	< 1	< 0.01	29	610	8	< 2	5	32	0.10	< 10	< 10	56	< 10	72
16ASS 0295	201	202	< 1	< 0.01	29	560	8	2	5	34	0.10	< 10	< 10	56	< 10	70

CERTIFICATION: Ian Bichler

Chemex Labs Ltd.

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To: INTERNATIONAL KODIAK RESOURCES INC. **

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Project :
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Certificate Date: 01-OCT-97
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Account :PHY

CERTIFICATE OF ANALYSIS A9743797

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
16ASS 0296	201	202	< 5	< 0.2	2.19	6	300	< 0.5	< 2	0.72	< 0.5	12	34	31	3.08	< 10	40	0.07	10	0.96	290
16ASS 0297	201	202	< 5	< 0.2	2.13	4	310	< 0.5	< 2	0.73	< 0.5	11	33	34	2.90	< 10	50	0.06	10	0.92	265
16ASS 0298	201	202	< 5	< 0.2	2.22	6	330	< 0.5	< 2	0.74	< 0.5	12	34	36	3.02	< 10	50	0.06	20	0.95	250
16ASS 0299	201	202	< 5	< 0.2	2.32	4	260	0.5	< 2	0.49	< 0.5	21	41	47	4.08	< 10	150	0.08	10	0.89	655
16ASS 0300	201	202	< 5	< 0.2	2.34	8	260	0.5	< 2	0.51	< 0.5	17	39	39	3.70	< 10	90	0.10	10	0.87	525
16ASS 0301	201	202	< 5	< 0.2	2.44	6	260	0.5	< 2	0.57	< 0.5	18	38	39	3.91	< 10	70	0.10	10	0.92	460
16ASS 0302	201	202	< 5	< 0.2	2.26	6	220	0.5	< 2	0.53	< 0.5	16	35	36	3.71	< 10	50	0.08	10	0.92	410
16ASS 0303	201	202	< 5	< 0.2	1.70	6	250	0.5	< 2	0.52	< 0.5	15	25	38	3.68	< 10	40	0.09	10	0.88	590
16ASS 0304	201	202	< 5	< 0.2	1.76	6	240	0.5	< 2	0.52	< 0.5	14	27	35	3.53	< 10	30	0.07	10	0.80	490
16ASS 0305	201	202	< 5	< 0.2	1.87	6	270	0.5	< 2	0.55	< 0.5	14	29	35	3.56	< 10	40	0.09	10	0.79	465
16ASS 0306	201	202	< 5	< 0.2	1.93	10	250	0.5	< 2	0.53	< 0.5	15	30	40	3.82	< 10	40	0.09	10	0.87	515
18AS 0125	201	202	< 5	< 0.2	1.24	4	240	< 0.5	< 2	0.67	< 0.5	9	26	21	2.40	< 10	80	0.08	30	0.53	375
18ASS 0126	201	202	< 5	< 0.2	1.86	8	390	< 0.5	< 2	1.44	< 0.5	10	27	16	2.48	< 10	110	0.11	30	0.57	450
18ASS 0127	201	202	< 5	< 0.2	1.85	< 2	350	< 0.5	< 2	1.32	< 0.5	11	31	16	2.52	< 10	110	0.11	20	0.61	450
18ASS 0128	201	202	< 5	< 0.2	2.17	4	290	0.5	< 2	1.32	< 0.5	16	59	19	4.24	< 10	90	0.08	30	1.20	250
18ASS 0130	201	202	< 5	< 0.2	1.90	6	280	0.5	< 2	1.20	< 0.5	14	45	20	3.03	< 10	940	0.08	30	0.98	495
18ASS 0131	201	202	< 5	< 0.2	1.86	2	190	< 0.5	< 2	1.53	< 0.5	13	53	22	2.74	< 10	120	0.07	20	1.00	355
18ASS 0132	201	202	< 5	< 0.2	1.77	2	210	< 0.5	< 2	1.28	< 0.5	12	41	18	2.70	< 10	130	0.07	20	0.87	250
18AS 0133	201	202	< 5	< 0.2	1.55	2	240	< 0.5	< 2	1.11	< 0.5	11	36	15	2.22	< 10	90	0.07	20	0.73	315
18AS 0134	201	202	< 5	< 0.2	1.70	2	210	< 0.5	< 2	1.22	< 0.5	10	40	17	2.55	< 10	90	0.09	20	0.81	270
18AS 0135	201	202	< 5	< 0.2	1.70	2	270	< 0.5	< 2	1.19	< 0.5	11	34	18	2.22	< 10	110	0.10	20	0.69	265
18AS 0136	201	202	< 5	< 0.2	1.91	6	270	0.5	< 2	1.42	< 0.5	17	59	24	3.31	< 10	100	0.10	30	1.03	645
18AS 0137	201	202	< 5	< 0.2	1.49	2	240	< 0.5	< 2	1.12	< 0.5	9	23	16	1.97	< 10	170	0.08	20	0.53	360
18AS 0138	201	202	< 5	< 0.2	1.64	6	190	< 0.5	< 2	0.97	< 0.5	12	41	16	2.46	< 10	130	0.07	20	0.82	315
18AS 0139	201	202	< 5	< 0.2	1.69	< 2	250	< 0.5	< 2	1.20	< 0.5	11	34	19	2.37	< 10	500	0.08	20	0.69	455
18ASS 0140	201	202	< 5	< 0.2	1.73	2	270	< 0.5	< 2	1.28	< 0.5	11	31	18	2.33	< 10	180	0.09	20	0.66	430
18ASS 0142	201	202	< 5	< 0.2	2.04	4	280	< 0.5	< 2	1.51	< 0.5	12	43	25	2.55	< 10	130	0.10	20	0.77	415
18ASS 0143	201	202	< 5	< 0.2	1.88	6	250	< 0.5	< 2	1.28	< 0.5	13	44	22	2.58	< 10	150	0.10	20	0.81	415
18AS 0144	201	202	< 5	< 0.2	1.85	4	240	< 0.5	< 2	1.55	< 0.5	13	46	29	2.60	< 10	150	0.09	20	0.81	465
18ASS 0147	201	202	< 5	< 0.2	1.73	4	260	< 0.5	< 2	1.57	< 0.5	11	40	25	2.41	< 10	160	0.08	20	0.70	330
18ASS 0148	201	202	< 5	< 0.2	1.82	< 2	160	< 0.5	< 2	1.37	< 0.5	18	66	56	2.72	< 10	210	0.07	10	0.95	490
18ASS 0149	201	202	< 5	< 0.2	1.72	2	230	< 0.5	< 2	1.62	< 0.5	14	46	30	2.55	< 10	170	0.09	20	0.78	365
18AS 0150	201	202	< 5	< 0.2	1.68	2	230	< 0.5	< 2	1.80	< 0.5	14	45	34	2.54	< 10	190	0.07	10	0.77	535
18AS 0151	201	202	< 5	< 0.2	1.75	2	260	< 0.5	< 2	1.15	< 0.5	14	50	30	2.91	< 10	120	0.06	10	0.99	415
18ASS 0152	201	202	< 5	< 0.2	1.95	6	310	< 0.5	< 2	1.38	< 0.5	17	57	45	3.13	< 10	130	0.07	10	1.12	550
18ASS 0153	201	202	< 5	< 0.2	1.98	6	230	< 0.5	< 2	1.37	< 0.5	20	55	41	3.63	< 10	160	0.07	10	1.39	505
18AS 0154	201	202	< 5	< 0.2	2.68	8	250	0.5	< 2	1.83	< 0.5	21	49	137	4.46	< 10	140	0.04	20	1.62	680
18AS 0155	201	202	< 5	< 0.2	1.77	4	180	0.5	< 2	1.35	< 0.5	20	47	44	4.15	< 10	100	0.05	10	1.40	510
18AS 0156	201	202	< 5	< 0.2	1.57	2	250	< 0.5	< 2	1.53	< 0.5	13	43	33	2.62	< 10	140	0.06	10	0.95	540
18ASS 0231	201	202	< 5	0.6	1.76	6	360	0.5	< 2	0.97	1.0	9	19	39	2.13	< 10	300	0.20	20	0.85	360

CERTIFICATION: Ivan Bickle

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 01-OCT-97
Invoice No. :I9743797
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9743797

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
16ASS 0296	201 202	< 1	< 0.01	28	650	6	< 2	5	37	0.12	< 10	< 10	60	< 10	70
16ASS 0297	201 202	< 1	< 0.01	28	640	8	2	5	37	0.10	< 10	< 10	58	< 10	68
16ASS 0298	201 202	< 1	< 0.01	28	640	8	< 2	6	38	0.11	< 10	< 10	60	< 10	70
16ASS 0299	201 202	1	< 0.01	35	500	8	< 2	6	36	0.11	< 10	< 10	74	< 10	86
16ASS 0300	201 202	1	< 0.01	32	510	6	< 2	5	38	0.11	< 10	< 10	72	< 10	82
16ASS 0301	201 202	1	< 0.01	32	570	6	< 2	5	41	0.13	< 10	< 10	76	< 10	84
16ASS 0302	201 202	< 1	< 0.01	30	580	6	< 2	4	34	0.11	< 10	< 10	68	< 10	80
16ASS 0303	201 202	< 1	< 0.01	30	680	6	< 2	6	31	0.10	< 10	< 10	56	< 10	74
16ASS 0304	201 202	1	< 0.01	27	590	8	< 2	5	31	0.09	< 10	< 10	59	< 10	74
16ASS 0305	201 202	< 1	< 0.01	28	520	8	< 2	5	32	0.10	< 10	< 10	63	< 10	80
16ASS 0306	201 202	< 1	< 0.01	30	590	8	< 2	5	31	0.11	< 10	< 10	66	< 10	78
18AS 0125	201 202	1	0.01	24	1190	4	< 2	4	47	0.05	< 10	< 10	43	< 10	70
18ASS 0126	201 202	< 1	0.01	23	1490	6	< 2	4	59	0.04	< 10	< 10	44	< 10	92
18ASS 0127	201 202	< 1	0.01	26	1390	2	< 2	4	55	0.05	< 10	< 10	45	< 10	82
18ASS 0128	201 202	< 1	< 0.01	48	1650	6	< 2	5	54	0.16	< 10	< 10	63	< 10	88
18ASS 0130	201 202	< 1	< 0.01	38	1470	8	< 2	4	51	0.13	< 10	< 10	56	< 10	88
18ASS 0131	201 202	< 1	< 0.01	45	1140	2	< 2	5	60	0.13	< 10	< 10	44	< 10	94
18ASS 0132	201 202	< 1	< 0.01	35	1330	6	< 2	4	54	0.10	< 10	< 10	47	< 10	82
18AS 0133	201 202	< 1	< 0.01	30	1200	2	< 2	4	46	0.07	< 10	< 10	40	< 10	78
18AS 0134	201 202	< 1	< 0.01	32	1260	4	< 2	4	52	0.11	< 10	< 10	46	< 10	78
18AS 0135	201 202	< 1	< 0.01	30	1250	4	< 2	4	51	0.08	< 10	< 10	42	< 10	74
18AS 0136	201 202	< 1	< 0.01	51	1540	6	< 2	5	60	0.11	< 10	< 10	56	< 10	94
18AS 0137	201 202	< 1	< 0.01	21	1100	4	< 2	4	49	0.05	< 10	< 10	36	< 10	66
18AS 0138	201 202	< 1	< 0.01	36	1210	2	< 2	4	46	0.10	< 10	< 10	43	< 10	78
18AS 0139	201 202	< 1	< 0.01	30	1170	4	< 2	4	53	0.08	< 10	< 10	43	< 10	76
18ASS 0140	201 202	< 1	0.01	28	1140	2	< 2	4	54	0.07	< 10	< 10	44	< 10	74
18ASS 0142	201 202	< 1	0.01	36	1080	4	< 2	5	70	0.08	< 10	< 10	49	< 10	76
18ASS 0143	201 202	< 1	0.01	38	1090	2	< 2	5	57	0.10	< 10	< 10	50	< 10	78
18AS 0144	201 202	< 1	0.01	44	1000	2	< 2	5	65	0.09	< 10	< 10	48	< 10	80
18ASS 0147	201 202	< 1	0.01	37	1150	6	< 2	5	66	0.06	< 10	< 10	44	< 10	70
18ASS 0148	201 202	< 1	0.01	80	710	2	< 2	7	50	0.11	< 10	< 10	49	< 10	80
18ASS 0149	201 202	< 1	< 0.01	49	1110	4	< 2	5	64	0.08	< 10	< 10	42	< 10	72
18AS 0150	201 202	< 1	< 0.01	48	1050	4	< 2	5	69	0.07	< 10	< 10	43	< 10	80
18AS 0151	201 202	< 1	< 0.01	44	540	2	< 2	6	47	0.15	< 10	< 10	73	< 10	84
18ASS 0152	201 202	< 1	< 0.01	51	750	6	< 2	7	44	0.12	< 10	< 10	67	< 10	92
18ASS 0153	201 202	1	< 0.01	59	910	8	< 2	6	64	0.16	< 10	< 10	65	< 10	98
18AS 0154	201 202	< 1	< 0.01	54	760	6	< 2	9	78	0.12	< 10	< 10	81	< 10	94
18AS 0155	201 202	< 1	< 0.01	51	970	6	< 2	8	51	0.17	< 10	< 10	81	< 10	90
18AS 0156	201 202	< 1	0.01	43	790	4	< 2	5	59	0.10	< 10	< 10	47	< 10	86
18ASS 0231	201 202	3	< 0.01	23	930	8	< 2	3	76	< 0.01	< 10	< 10	45	< 10	136

CERTIFICATION: Ian Bichlan

Chemex Labs Ltd.

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 01-OCT-97
Invoice No. : I9743797
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9743797

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
18ASS 0232	201	202	< 5	0.2	1.78	8	290	0.5	< 2	1.34	0.5	9	19	40	2.06	< 10	450	0.18	20	1.19	540
18ASS 0233	201	202	< 5	0.2	1.69	6	280	0.5	< 2	1.08	0.5	7	19	36	2.16	< 10	530	0.16	20	1.06	125
18ASS 0234	201	202	< 5	0.2	1.46	2	240	0.5	< 2	1.23	0.5	8	16	46	2.19	< 10	410	0.14	10	0.89	205
18ASS 0235	201	202	< 5	< 0.2	1.57	4	280	0.5	< 2	1.53	0.5	7	18	35	2.10	< 10	330	0.16	20	1.03	130
18ASS 0236	201	202	< 5	0.2	1.62	2	350	0.5	< 2	1.17	0.5	8	25	38	2.13	< 10	410	0.14	10	0.93	415
18ASS 0237	201	202	< 5	< 0.2	1.65	< 2	300	0.5	< 2	0.93	0.5	8	23	39	2.11	< 10	410	0.18	20	0.93	160
18ASS 0238	201	202	< 5	< 0.2	1.64	< 2	310	0.5	< 2	0.97	0.5	8	23	42	2.28	< 10	420	0.17	20	0.96	230
18ASS 0239	201	202	20	0.2	1.50	4	360	0.5	< 2	1.06	0.5	6	19	49	1.89	< 10	580	0.16	20	0.79	250
18ASS 0240	201	202	< 5	0.4	1.22	4	460	< 0.5	< 2	0.92	< 0.5	7	19	53	1.95	< 10	1120	0.11	10	0.55	235
18ASS 0241	201	202	< 5	< 0.2	1.23	< 2	360	< 0.5	< 2	1.90	< 0.5	6	16	25	1.85	< 10	280	0.09	10	0.35	200
18ASS 0242	201	202	< 5	0.2	1.45	6	570	0.5	< 2	0.98	0.5	8	19	48	2.09	< 10	940	0.13	20	0.69	260
18ASS 0243	201	202	10	0.4	1.35	6	540	< 0.5	< 2	0.88	0.5	6	19	49	2.03	< 10	980	0.12	10	0.61	170
18ASS 0244	201	202	15	0.6	1.36	10	670	0.5	< 2	0.74	0.5	8	22	55	2.18	< 10	1480	0.15	20	0.55	220
18ASS 0245	201	202	< 5	< 0.2	1.55	6	450	0.5	< 2	1.22	0.5	11	27	56	2.46	< 10	840	0.18	20	0.73	305
18ASS 0246	201	202	< 5	< 0.2	1.66	2	440	< 0.5	< 2	1.71	1.5	13	39	42	2.54	< 10	410	0.11	10	0.68	340
18ASS 0247	201	202	< 5	0.2	1.56	8	410	< 0.5	< 2	1.11	1.0	9	26	39	2.14	< 10	690	0.19	20	0.72	220
18ASS 0248	201	202	< 5	< 0.2	1.47	4	410	< 0.5	< 2	1.99	1.5	10	25	49	2.17	< 10	520	0.11	10	0.65	285
18ASS 0249	201	202	< 5	0.2	1.45	4	390	0.5	< 2	1.08	2.5	12	31	66	2.88	< 10	870	0.18	20	0.63	340
18ASS 0250	201	202	< 5	0.2	1.37	12	350	0.5	< 2	1.28	3.0	13	33	67	2.99	< 10	870	0.16	20	0.66	365
18ASS 0251	201	202	< 5	< 0.2	1.78	6	360	< 0.5	< 2	1.14	< 0.5	10	28	24	2.38	< 10	40	0.08	10	0.55	350
18ASS 0252	201	202	< 5	< 0.2	1.40	6	270	< 0.5	< 2	1.83	1.5	11	31	57	2.49	< 10	590	0.13	10	0.63	335
18ASS 0253	201	202	< 5	0.2	1.38	8	290	< 0.5	< 2	1.38	1.0	13	32	50	2.52	< 10	690	0.13	10	0.66	270
18ASS 0254	201	202	< 5	0.2	1.51	6	650	< 0.5	< 2	1.04	1.0	9	20	48	1.82	< 10	300	0.16	20	0.69	440
18ASS 0255	201	202	< 5	0.2	1.36	2	330	< 0.5	< 2	1.18	0.5	9	27	48	2.18	< 10	470	0.13	10	0.61	230
18ASS 0256	201	202	< 5	< 0.2	1.41	10	320	< 0.5	< 2	1.06	1.0	11	29	46	2.32	< 10	450	0.14	10	0.67	235
18ASS 0257	201	202	< 5	< 0.2	1.39	8	330	< 0.5	< 2	1.19	1.5	10	26	47	2.19	< 10	460	0.13	20	0.64	315
18ASS 0258	201	202	< 5	0.2	1.38	2	320	< 0.5	< 2	1.19	1.0	9	26	47	2.08	< 10	530	0.13	10	0.61	260
18ASS 0259	201	202	< 5	< 0.2	1.39	6	300	< 0.5	< 2	1.04	0.5	9	27	40	2.17	< 10	400	0.13	10	0.60	235
18ASS 0260	201	202	< 5	0.2	1.59	2	370	0.5	< 2	1.54	1.0	10	29	64	2.37	< 10	710	0.14	20	0.65	360
18ASS 0261	201	202	< 5	0.2	1.48	16	320	0.5	< 2	2.19	0.5	19	26	86	3.74	< 10	840	0.22	30	1.17	340
18ASS 0262	201	202	< 5	0.2	1.39	6	390	0.5	< 2	1.45	1.5	11	24	58	2.27	< 10	840	0.14	20	0.73	265
18ASS 0263	201	202	< 5	< 0.2	1.41	6	300	0.5	< 2	1.17	0.5	11	34	42	2.50	< 10	530	0.14	10	0.68	140
18ASS 0264	201	202	< 5	< 0.2	1.46	2	180	< 0.5	< 2	2.30	< 0.5	12	54	43	2.23	< 10	100	0.07	10	0.90	355
18ASS 0265	201	202	< 5	< 0.2	1.71	4	140	< 0.5	< 2	2.20	< 0.5	15	31	38	2.96	< 10	130	0.08	10	1.06	395
18ASS 0266	201	202	< 5	0.2	1.26	6	390	0.5	< 2	1.43	1.0	12	24	56	2.59	< 10	630	0.15	10	0.82	285
18ASS 0267	201	202	< 5	0.6	1.54	8	690	0.5	< 2	0.92	3.0	11	35	55	2.63	< 10	440	0.15	10	0.74	520

CERTIFICATION: Stuart Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 01-OCT-97
Invoice No. : I9743797
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9743797

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
18ASS 0232	201	202	1	< 0.01	24	920	8	< 2	4	104	< 0.01	< 10	< 10	39	< 10	124
18ASS 0233	201	202	1	< 0.01	23	950	6	< 2	4	91	< 0.01	< 10	< 10	37	< 10	118
18ASS 0234	201	202	3	< 0.01	26	930	8	< 2	4	105	< 0.01	< 10	< 10	34	< 10	138
18ASS 0235	201	202	1	< 0.01	23	810	8	< 2	4	112	< 0.01	< 10	< 10	35	< 10	122
18ASS 0236	201	202	1	< 0.01	26	920	6	< 2	4	92	0.01	< 10	< 10	43	< 10	102
18ASS 0237	201	202	1	< 0.01	27	820	6	< 2	4	90	< 0.01	< 10	< 10	40	< 10	116
18ASS 0238	201	202	1	< 0.01	28	870	8	< 2	4	92	< 0.01	< 10	< 10	41	< 10	124
18ASS 0239	201	202	2	< 0.01	24	880	6	< 2	4	91	< 0.01	< 10	< 10	39	< 10	100
18ASS 0240	201	202	3	0.01	25	900	8	< 2	4	97	0.01	< 10	< 10	42	< 10	102
18ASS 0241	201	202	1	< 0.01	14	810	8	< 2	3	113	< 0.01	< 10	< 10	26	< 10	58
18ASS 0242	201	202	2	< 0.01	29	930	8	< 2	4	97	< 0.01	< 10	< 10	38	< 10	124
18ASS 0243	201	202	1	0.01	26	860	6	< 2	5	81	0.01	< 10	< 10	39	< 10	90
18ASS 0244	201	202	3	< 0.01	27	970	8	< 2	4	92	0.01	< 10	< 10	52	< 10	114
18ASS 0245	201	202	1	0.01	37	1030	6	< 2	5	98	0.01	< 10	< 10	48	< 10	120
18ASS 0246	201	202	1	0.01	53	860	6	< 2	6	98	0.04	< 10	< 10	61	< 10	180
18ASS 0247	201	202	1	0.01	34	950	2	< 2	4	90	0.01	< 10	< 10	47	< 10	134
18ASS 0248	201	202	1	0.01	35	930	4	< 2	5	116	0.03	< 10	< 10	43	< 10	122
18ASS 0249	201	202	4	0.01	52	1290	8	< 2	5	87	0.01	< 10	< 10	62	< 10	236
18ASS 0250	201	202	3	0.01	59	1280	8	2	5	87	0.01	< 10	< 10	60	< 10	258
18ASS 0251	201	202	< 1	0.01	23	570	8	< 2	5	49	0.07	< 10	< 10	56	< 10	62
18ASS 0252	201	202	2	0.01	45	1020	6	< 2	5	93	0.03	< 10	< 10	53	< 10	166
18ASS 0253	201	202	1	0.01	47	1040	6	< 2	5	80	0.03	< 10	< 10	50	< 10	180
18ASS 0254	201	202	1	0.01	28	970	8	< 2	4	88	0.01	< 10	< 10	41	< 10	128
18ASS 0255	201	202	1	0.01	36	1010	6	2	4	79	0.02	< 10	< 10	46	< 10	136
18ASS 0256	201	202	1	0.01	39	1000	6	< 2	4	74	0.02	< 10	< 10	47	< 10	144
18ASS 0257	201	202	1	0.01	39	970	2	< 2	4	78	0.02	< 10	< 10	45	< 10	150
18ASS 0258	201	202	1	0.01	37	890	6	< 2	4	77	0.02	< 10	< 10	46	< 10	138
18ASS 0259	201	202	1	0.01	33	880	6	< 2	5	68	0.03	< 10	< 10	47	< 10	114
18ASS 0260	201	202	2	0.01	41	990	6	< 2	6	99	0.02	< 10	< 10	49	< 10	146
18ASS 0261	201	202	4	0.01	47	1330	10	< 2	6	142	< 0.01	< 10	< 10	62	< 10	154
18ASS 0262	201	202	2	0.01	42	1030	8	< 2	5	107	0.01	< 10	< 10	53	< 10	176
18ASS 0263	201	202	1	0.01	35	850	6	< 2	5	71	0.03	< 10	< 10	60	< 10	120
18ASS 0264	201	202	< 1	0.01	49	700	4	< 2	5	107	0.08	< 10	< 10	51	< 10	66
18ASS 0265	201	202	< 1	< 0.01	32	1100	6	< 2	6	105	0.19	< 10	< 10	79	< 10	80
18ASS 0266	201	202	3	0.01	37	1140	8	< 2	5	101	0.02	< 10	< 10	62	< 10	170
18ASS 0267	201	202	4	0.01	70	1120	6	< 2	5	97	0.05	< 10	< 10	121	< 10	572

CERTIFICATION: Stewart Bachlet

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9743833

Comments: ATTN: GEORGE NICHOLSON

CERTIFICATE A9743833

(PHY) - INTERNATIONAL KODIAK RESOURCES INC.

Project:
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 30-SEP-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	188	Dry, sieve to -80 mesh
202	188	save reject
229	188	ICP - AQ Digestion charge

* NOTE 1:

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

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	188	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2118	188	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	188	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	188	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	188	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	188	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	188	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	188	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	188	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	188	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	188	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	188	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	188	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	188	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	188	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	188	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	188	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	188	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	188	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	188	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	188	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	188	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	188	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	188	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	188	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	188	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	188	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	188	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	188	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	188	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	188	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	188	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	188	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

Chemex Labs Ltd.

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 30-SEP-97
Invoice No. :19743833
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9743833

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
5DS 0504	201	202	< 5	1.0	1.11	2	230	0.5	< 2	1.28	5.5	6	24	55	1.62	< 10	450	0.09	< 10	0.41	165
5DS 0505	201	202	< 5	1.6	1.17	6	230	0.5	< 2	1.14	6.0	6	29	90	2.01	< 10	490	0.10	10	0.40	240
5DS 0506	201	202	< 5	1.4	1.26	10	460	0.5	< 2	0.83	10.0	11	26	105	2.62	< 10	340	0.13	10	0.36	585
5DS 0507	201	202	< 5	1.6	1.07	4	230	0.5	< 2	1.42	8.5	6	28	83	1.83	< 10	570	0.10	10	0.40	275
5DS 0508	201	202	< 5	1.6	1.00	10	230	0.5	< 2	1.29	7.0	7	28	85	1.94	< 10	570	0.10	< 10	0.37	280
5DS 0509	201	202	< 5	1.4	1.09	2	190	< 0.5	< 2	1.28	7.5	8	24	72	1.84	< 10	420	0.08	< 10	0.41	660
5DS 0510	201	202	< 5	1.0	0.99	2	210	< 0.5	< 2	1.19	5.0	7	23	65	1.85	< 10	380	0.09	< 10	0.36	265
5DS 0511	201	202	< 5	0.8	0.93	8	430	0.5	< 2	0.94	4.0	10	16	80	2.47	< 10	410	0.11	< 10	0.35	415
5DS 0512	201	202	< 5	1.0	0.91	12	390	0.5	< 2	1.09	5.0	8	16	82	2.40	< 10	470	0.10	< 10	0.34	310
5DS 0513	201	202	< 5	1.4	1.04	10	390	0.5	< 2	1.18	4.0	9	21	95	2.61	< 10	500	0.12	< 10	0.34	490
5DS 0514	201	202	< 5	1.8	1.14	12	320	0.5	< 2	1.30	6.0	9	28	96	2.47	< 10	580	0.12	10	0.43	385
5DS 0515	201	202	< 5	1.8	1.20	10	320	0.5	< 2	1.35	6.5	10	28	97	2.37	< 10	660	0.11	10	0.47	280
5DS 0516	201	202	< 5	1.0	1.13	4	190	< 0.5	< 2	0.93	4.0	5	25	56	1.82	< 10	570	0.09	10	0.38	150
5DS 0517	201	202	< 5	1.0	1.09	12	320	0.5	< 2	1.09	5.0	10	23	86	2.38	< 10	450	0.12	10	0.39	570
5DS 0518	201	202	< 5	6.6	1.05	20	570	0.5	< 2	1.18	2.0	6	55	152	2.15	< 10	800	0.10	10	0.27	190
5DS 0519	201	202	< 5	1.2	1.15	6	360	0.5	< 2	1.07	4.5	8	27	79	2.39	< 10	450	0.14	10	0.39	460
5DS 0520	201	202	< 5	1.0	1.05	10	350	0.5	< 2	1.10	4.5	9	23	86	2.56	< 10	430	0.14	10	0.38	595
5DS 0521	201	202	< 5	1.0	1.06	8	270	0.5	< 2	1.05	3.5	8	22	59	1.95	< 10	390	0.11	< 10	0.38	445
5DS 0522	201	202	< 5	1.2	0.95	12	270	0.5	< 2	0.99	3.0	7	20	71	1.98	< 10	340	0.10	< 10	0.35	260
5DS 0523	201	202	< 5	1.2	0.95	8	280	0.5	< 2	0.93	3.5	8	21	83	2.19	< 10	370	0.08	< 10	0.35	240
5DS 0524	201	202	< 5	0.6	1.12	6	250	< 0.5	< 2	1.74	5.0	6	19	54	1.55	< 10	460	0.07	< 10	0.47	200
5DS 0525	201	202	< 5	1.2	1.16	10	370	0.5	< 2	1.02	4.5	10	25	80	2.28	< 10	550	0.13	10	0.37	460
5DS 0526	201	202	< 5	1.2	1.17	10	340	0.5	< 2	1.13	5.0	9	27	80	2.28	< 10	610	0.14	10	0.41	325
5DS 0527	201	202	< 5	1.2	1.12	6	330	0.5	< 2	1.09	4.0	8	25	72	2.04	< 10	500	0.12	10	0.41	330
6DS 379	201	202	< 5	1.2	0.55	8	650	< 0.5	< 2	2.50	12.5	3	17	69	0.91	< 10	700	0.09	< 10	0.55	245
6DS 380	201	202	< 5	1.6	1.05	22	880	0.5	< 2	1.53	8.0	7	28	97	2.01	< 10	670	0.16	< 10	0.40	390
6DS 381	201	202	< 5	1.2	0.86	14	740	0.5	< 2	1.70	7.5	6	21	89	1.72	< 10	600	0.09	< 10	0.43	400
6DS 383	201	202	< 5	0.6	1.08	2	390	< 0.5	< 2	2.01	2.0	7	17	53	1.42	< 10	360	0.06	< 10	0.51	575
6DS 384	201	202	< 5	1.2	1.23	8	370	0.5	< 2	1.43	4.5	8	26	73	1.81	< 10	560	0.11	10	0.48	375
6DS 385	201	202	< 5	1.0	1.18	< 2	360	0.5	< 2	1.32	3.5	9	25	67	1.76	< 10	510	0.12	10	0.46	480
6DS 386	201	202	< 5	1.2	1.23	< 2	370	< 0.5	< 2	1.36	3.5	9	28	36	1.56	< 10	340	0.11	10	0.48	985
6DS 387	201	202	< 5	0.4	1.00	8	310	< 0.5	< 2	0.61	1.5	6	20	36	1.51	< 10	220	0.11	10	0.37	240
6DS 388	201	202	< 5	0.6	1.04	8	320	< 0.5	< 2	0.70	2.0	7	22	40	1.59	< 10	250	0.10	10	0.40	260
6DS 389	201	202	< 5	0.6	1.00	6	330	< 0.5	< 2	0.61	2.0	7	20	40	1.74	< 10	250	0.10	10	0.37	240
6DS 390	201	202	< 5	0.6	0.98	2	290	< 0.5	< 2	0.59	1.5	6	20	37	1.56	< 10	230	0.08	10	0.38	255
6DS 392	201	202	< 5	0.6	1.06	4	310	< 0.5	< 2	0.73	2.0	7	21	39	1.60	< 10	260	0.10	10	0.41	310
6DS 393	201	202	< 5	0.8	1.20	6	330	0.5	< 2	0.83	3.5	8	25	51	1.79	< 10	360	0.11	10	0.44	375
6DS 394	201	202	< 5	0.8	1.28	4	360	0.5	< 2	0.90	2.5	7	27	48	1.75	< 10	360	0.14	10	0.46	310
6DS 395	201	202	< 5	1.4	1.30	10	560	0.5	< 2	0.67	3.0	9	39	68	2.00	< 10	450	0.12	10	0.39	460
6D 396	201	202	< 5	1.4	1.32	14	510	0.5	< 2	0.65	3.5	11	36	77	2.33	< 10	470	0.12	10	0.38	665

CERTIFICATION:

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Project :
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Invoice No. :I9743833
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9743833

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
5DS 0504	201	202	5	0.01	59	860	6	< 2	3	122	0.01	< 10	< 10	118	< 10	858
5DS 0505	201	202	4	0.01	90	1120	6	2	4	125	0.01	< 10	< 10	103	< 10	1225
5DS 0506	201	202	9	0.01	112	1520	8	6	4	153	0.01	< 10	< 10	158	< 10	840
5DS 0507	201	202	6	0.01	98	1230	8	4	3	146	0.01	< 10	< 10	131	< 10	1310
5DS 0508	201	202	8	0.01	90	1320	8	4	3	141	0.01	< 10	< 10	139	< 10	1265
5DS 0509	201	202	3	0.01	91	930	6	< 2	4	122	0.01	< 10	< 10	96	< 10	966
5DS 0510	201	202	4	< 0.01	82	1150	6	2	3	123	0.01	< 10	< 10	103	< 10	974
5DS 0511	201	202	8	< 0.01	74	1030	12	2	4	145	< 0.01	< 10	< 10	91	< 10	530
5DS 0512	201	202	11	< 0.01	81	1020	10	< 2	4	131	< 0.01	< 10	< 10	103	< 10	584
5DS 0513	201	202	6	0.01	69	1130	10	2	4	193	< 0.01	< 10	< 10	93	< 10	486
5DS 0514	201	202	8	0.01	95	1270	8	2	4	153	0.01	< 10	< 10	156	< 10	848
5DS 0515	201	202	7	0.01	95	1140	10	< 2	5	153	0.01	< 10	< 10	138	< 10	870
5DS 0516	201	202	5	< 0.01	67	850	6	2	3	105	0.02	< 10	< 10	102	< 10	930
5DS 0517	201	202	7	0.01	78	1080	10	2	4	144	0.01	< 10	< 10	129	< 10	692
5DS 0518	201	202	13	0.01	73	2140	8	4	2	205	< 0.01	< 10	< 10	277	< 10	332
5DS 0519	201	202	8	0.01	69	1280	10	6	4	147	0.01	< 10	< 10	146	< 10	620
5DS 0520	201	202	9	0.01	78	1130	10	2	4	149	0.01	< 10	< 10	136	< 10	666
5DS 0521	201	202	6	0.01	59	1050	10	2	3	120	0.01	< 10	< 10	110	< 10	564
5DS 0522	201	202	6	< 0.01	63	1060	10	2	3	129	0.01	< 10	< 10	106	< 10	542
5DS 0523	201	202	8	< 0.01	74	1260	8	2	4	118	0.01	< 10	< 10	108	< 10	614
5DS 0524	201	202	1	0.01	47	980	2	< 2	3	149	0.01	< 10	10	65	< 10	330
5DS 0525	201	202	9	0.01	70	1160	12	2	4	141	0.01	< 10	< 10	138	< 10	576
5DS 0526	201	202	7	0.01	71	1210	10	4	4	141	0.01	< 10	< 10	143	< 10	630
5DS 0527	201	202	6	0.01	65	1070	10	< 2	4	122	0.01	< 10	< 10	127	< 10	552
6DS 379	201	202	12	0.01	54	1700	6	8	1	197	< 0.01	< 10	< 10	180	< 10	644
6DS 380	201	202	14	< 0.01	63	1820	14	6	3	147	< 0.01	< 10	< 10	215	< 10	572
6DS 381	201	202	12	< 0.01	60	1530	8	4	2	144	< 0.01	< 10	< 10	184	< 10	556
6DS 383	201	202	1	< 0.01	41	660	6	< 2	3	163	0.02	< 10	< 10	43	< 10	124
6DS 384	201	202	5	< 0.01	52	1050	6	2	4	131	0.01	< 10	< 10	116	< 10	350
6DS 385	201	202	5	< 0.01	55	1010	6	4	4	121	0.01	< 10	< 10	113	< 10	426
6DS 386	201	202	2	< 0.01	36	1050	6	< 2	3	104	0.01	< 10	< 10	98	< 10	322
6DS 387	201	202	3	< 0.01	32	830	6	< 2	2	66	0.01	< 10	< 10	91	< 10	244
6DS 388	201	202	4	< 0.01	36	900	2	2	3	70	0.01	< 10	< 10	91	< 10	280
6DS 389	201	202	5	< 0.01	35	1010	6	2	3	69	0.01	< 10	< 10	91	< 10	292
6DS 390	201	202	3	< 0.01	30	780	6	< 2	3	58	0.01	< 10	< 10	78	< 10	246
6DS 392	201	202	2	< 0.01	35	810	6	< 2	3	68	0.01	< 10	< 10	81	< 10	284
6DS 393	201	202	5	< 0.01	44	990	6	< 2	3	76	0.01	< 10	< 10	97	< 10	352
6DS 394	201	202	4	< 0.01	43	1010	6	< 2	3	80	0.01	< 10	< 10	107	< 10	328
6DS 395	201	202	11	< 0.01	49	1480	10	2	3	93	0.01	< 10	< 10	228	< 10	388
6D 396	201	202	14	< 0.01	51	1420	10	2	4	86	0.01	< 10	< 10	240	< 10	368

CERTIFICATION:

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CERTIFICATE OF ANALYSIS A9743833

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
6D 398	201	202	< 5	1.6	1.24	18	800	0.5	< 2	1.02	9.0	9	31	94	1.86	< 10	590	0.13	10	0.39	1040
6D 399	201	202	< 5	1.0	1.20	12	690	0.5	< 2	0.56	5.0	9	28	58	1.84	< 10	460	0.17	10	0.32	640
6D 400	201	202	< 5	1.2	1.32	10	390	0.5	< 2	0.95	4.0	9	33	64	1.96	< 10	450	0.14	10	0.47	420
6D 401	201	202	< 5	0.8	1.30	8	310	< 0.5	< 2	0.74	3.0	8	29	47	2.02	< 10	330	0.10	10	0.46	450
6DS 402	201	202	< 5	0.6	1.31	6	370	0.5	< 2	0.70	2.0	8	26	43	1.95	< 10	280	0.13	10	0.51	275
6DS 403	201	202	< 5	0.8	1.24	10	380	0.5	< 2	0.79	2.5	8	25	53	1.98	< 10	350	0.11	10	0.51	295
6DS 404	201	202	< 5	0.8	1.18	6	370	0.5	< 2	0.82	3.5	8	25	53	1.86	< 10	420	0.11	10	0.52	275
6DS 405	201	202	< 5	0.4	1.49	< 2	420	0.5	< 2	0.81	1.5	8	24	46	1.97	< 10	250	0.10	10	0.73	265
6DS 406	201	202	< 5	1.4	0.97	10	500	0.5	< 2	0.65	3.0	11	28	73	2.58	< 10	440	0.09	10	0.29	790
6DS 407	201	202	< 5	2.0	1.13	16	650	0.5	< 2	0.53	4.0	15	35	67	2.82	< 10	530	0.10	10	0.33	1575
6D 409	201	202	< 5	0.8	1.45	10	460	0.5	< 2	0.76	2.5	10	29	57	2.36	< 10	340	0.15	10	0.57	490
6D 410	201	202	< 5	0.8	1.44	8	430	0.5	< 2	0.83	2.5	9	31	53	2.02	< 10	440	0.15	10	0.54	340
6D 411	201	202	< 5	0.8	1.57	2	480	0.5	< 2	0.80	3.0	9	32	50	2.00	< 10	390	0.18	10	0.58	400
6DS 412	201	202	< 5	0.6	1.53	4	610	0.5	< 2	0.79	1.5	8	28	42	1.99	< 10	290	0.17	10	0.56	325
6DS 413	201	202	< 5	0.6	1.40	6	600	0.5	< 2	0.84	2.0	8	26	45	1.88	< 10	280	0.13	10	0.53	320
6DS 414	201	202	< 5	0.2	1.58	2	620	< 0.5	< 2	0.58	0.5	9	27	33	2.26	< 10	160	0.14	10	0.59	425
6DS 415	201	202	< 5	0.8	1.62	8	590	0.5	< 2	0.64	2.0	10	32	51	2.27	< 10	350	0.18	10	0.56	435
6DS 416	201	202	< 5	< 0.2	1.82	2	500	0.5	< 2	0.75	1.5	10	28	31	2.38	< 10	170	0.23	10	0.89	300
6DS 417	201	202	< 5	0.6	1.50	2	550	0.5	< 2	0.73	2.0	9	30	40	2.02	< 10	300	0.18	10	0.56	300
8DS 0355	201	202	< 5	0.2	1.49	8	340	< 0.5	< 2	0.26	0.5	7	27	21	1.87	< 10	150	0.07	10	0.41	180
8DS 0356	201	202	< 5	0.4	1.37	16	370	< 0.5	< 2	0.34	0.5	9	24	27	2.99	< 10	130	0.05	10	0.37	400
8DS 0357	201	202	< 5	0.4	1.27	10	380	< 0.5	< 2	0.36	0.5	10	23	34	2.34	< 10	180	0.06	10	0.37	970
8DS 0358	201	202	< 5	0.2	1.36	6	380	< 0.5	< 2	0.35	0.5	8	25	27	2.13	< 10	140	0.06	10	0.40	600
8DS 0359	201	202	< 5	0.4	1.25	6	440	< 0.5	< 2	0.46	< 0.5	9	26	34	1.91	< 10	180	0.08	10	0.37	600
8DS 0360	201	202	< 5	0.6	1.28	10	530	0.5	< 2	0.67	3.0	10	28	50	2.02	< 10	420	0.09	10	0.37	2430
8DS 0361	201	202	< 5	0.2	1.25	8	380	< 0.5	< 2	0.46	0.5	9	24	25	1.76	< 10	180	0.09	10	0.36	660
8DS 0362	201	202	< 5	0.6	1.30	8	340	< 0.5	< 2	0.96	2.0	8	26	32	1.78	< 10	290	0.13	10	0.41	580
8DS 0363	201	202	< 5	0.8	1.07	8	360	< 0.5	< 2	0.59	2.0	7	30	41	2.05	< 10	300	0.10	10	0.32	785
8DS 0364	201	202	< 5	0.6	1.14	10	220	< 0.5	< 2	0.89	1.5	8	25	35	2.08	< 10	280	0.10	10	0.42	265
8DS 0365	201	202	< 5	0.6	1.18	6	320	0.5	< 2	1.02	2.5	6	23	38	1.72	< 10	320	0.11	10	0.40	200
8DS 0366	201	202	< 5	0.6	0.48	< 2	120	< 0.5	< 2	13.95	6.5	2	11	20	0.59	< 10	160	0.06	< 10	0.38	180
8DS 0367	201	202	< 5	0.6	0.95	8	480	0.5	< 2	1.58	2.5	7	17	45	1.72	< 10	330	0.11	10	0.29	810
8DS 0368	201	202	< 5	0.4	1.41	6	280	< 0.5	< 2	0.77	3.0	12	26	42	2.34	< 10	170	0.08	10	0.54	690
8DS 0369	201	202	< 5	1.2	0.97	30	700	0.5	< 2	0.23	2.5	9	23	98	3.26	< 10	410	0.13	10	0.13	850
8DS 0370	201	202	< 5	0.2	1.05	6	210	< 0.5	< 2	0.67	1.5	10	19	28	1.82	< 10	160	0.07	10	0.33	455
8DS 0371	201	202	< 5	0.2	0.96	6	240	< 0.5	< 2	0.55	1.5	9	18	29	1.78	< 10	140	0.06	10	0.31	515
8DS 0372	201	202	< 5	0.4	1.12	8	240	< 0.5	< 2	0.71	2.0	10	21	38	2.09	< 10	210	0.07	10	0.37	680
8DS 0373	201	202	< 5	0.2	1.14	8	230	< 0.5	< 2	0.64	1.5	9	21	30	1.87	< 10	180	0.08	10	0.34	485
8DS 0374	201	202	5	0.8	1.14	10	300	0.5	< 2	1.14	4.0	8	23	46	1.84	< 10	290	0.09	10	0.35	430
8DS 0375	201	202	< 5	0.6	1.38	< 2	280	< 0.5	< 2	0.75	2.5	7	24	37	1.97	< 10	320	0.10	10	0.46	245

CERTIFICATION:

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

CERTIFICATE OF ANALYSIS A9743833

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
6D 398	201	202	19	< 0.01	72	1460	10	8	3	86	< 0.01	< 10	< 10	287	< 10	558
6D 399	201	202	18	< 0.01	51	1230	8	2	3	67	< 0.01	< 10	< 10	216	< 10	360
6D 400	201	202	6	< 0.01	53	1260	8	< 2	4	89	0.02	< 10	< 10	154	< 10	468
6D 401	201	202	2	< 0.01	35	930	6	< 2	4	68	0.03	< 10	< 10	93	< 10	260
6DS 402	201	202	4	< 0.01	36	1080	8	< 2	4	67	0.02	< 10	< 10	90	< 10	278
6DS 403	201	202	5	< 0.01	41	1170	6	2	4	72	0.01	< 10	< 10	92	< 10	320
6DS 404	201	202	5	< 0.01	44	1290	8	4	3	75	0.01	< 10	< 10	95	< 10	374
6DS 405	201	202	2	< 0.01	28	920	8	< 2	4	61	0.01	< 10	< 10	58	< 10	180
6DS 406	201	202	10	< 0.01	46	2100	12	2	4	97	0.01	< 10	< 10	146	< 10	330
6DS 407	201	202	8	< 0.01	40	1640	16	2	4	107	0.01	< 10	< 10	188	< 10	268
6D 409	201	202	4	< 0.01	42	1440	10	2	4	80	0.01	< 10	< 10	114	< 10	358
6D 410	201	202	4	< 0.01	40	1180	10	< 2	4	76	0.02	< 10	< 10	112	< 10	322
6D 411	201	202	4	< 0.01	41	1240	6	< 2	4	75	0.03	< 10	< 10	116	< 10	336
6DS 412	201	202	1	< 0.01	31	1010	8	< 2	4	80	0.03	< 10	< 10	90	< 10	216
6DS 413	201	202	1	< 0.01	33	930	6	< 2	4	80	0.03	< 10	< 10	80	< 10	230
6DS 414	201	202	< 1	< 0.01	23	910	8	< 2	5	46	0.04	< 10	< 10	46	< 10	108
6DS 415	201	202	3	0.01	39	1260	8	< 2	5	69	0.03	< 10	< 10	114	< 10	268
6DS 416	201	202	< 1	0.01	29	1050	10	< 2	4	65	0.01	< 10	< 10	62	< 10	184
6DS 417	201	202	3	< 0.01	33	1340	8	< 2	4	72	0.03	< 10	< 10	100	< 10	256
8DS 0355	201	202	1	< 0.01	23	640	8	2	3	25	0.04	< 10	< 10	70	< 10	118
8DS 0356	201	202	4	< 0.01	25	860	10	< 2	3	28	0.02	< 10	< 10	82	< 10	142
8DS 0357	201	202	4	< 0.01	29	840	10	< 2	3	36	0.03	< 10	< 10	69	< 10	128
8DS 0358	201	202	3	< 0.01	24	680	8	2	3	30	0.03	< 10	< 10	81	< 10	118
8DS 0359	201	202	2	< 0.01	29	560	8	2	3	35	0.03	< 10	< 10	87	< 10	106
8DS 0360	201	202	11	0.01	47	900	8	2	4	42	0.02	< 10	< 10	178	< 10	252
8DS 0361	201	202	4	< 0.01	27	630	8	< 2	3	31	0.03	< 10	< 10	94	< 10	134
8DS 0362	201	202	3	0.01	34	780	8	< 2	4	66	0.02	< 10	< 10	95	< 10	260
8DS 0363	201	202	3	< 0.01	37	1040	10	< 2	3	73	0.03	< 10	< 10	113	< 10	234
8DS 0364	201	202	< 1	0.01	32	900	6	2	4	55	0.04	< 10	< 10	69	< 10	274
8DS 0365	201	202	3	< 0.01	46	790	6	< 2	3	55	0.01	< 10	< 10	89	< 10	482
8DS 0366	201	202	< 1	0.01	64	480	4	< 2	1	349	< 0.01	< 10	< 10	41	< 10	1820
8DS 0367	201	202	2	0.01	35	1030	14	2	3	77	< 0.01	< 10	< 10	81	< 10	200
8DS 0368	201	202	3	0.01	45	660	8	4	5	43	0.04	< 10	< 10	60	< 10	228
8DS 0369	201	202	6	< 0.01	39	1850	24	< 2	3	140	< 0.01	< 10	< 10	131	< 10	112
8DS 0370	201	202	3	< 0.01	32	680	8	< 2	3	41	0.01	< 10	< 10	67	< 10	198
8DS 0371	201	202	4	< 0.01	31	730	8	< 2	3	35	0.01	< 10	< 10	63	< 10	200
8DS 0372	201	202	2	< 0.01	39	790	6	< 2	3	44	0.01	< 10	< 10	79	< 10	258
8DS 0373	201	202	3	< 0.01	31	750	6	< 2	3	41	0.01	< 10	< 10	75	< 10	222
8DS 0374	201	202	6	0.01	50	780	10	2	3	60	0.01	< 10	< 10	130	< 10	342
8DS 0375	201	202	2	0.01	43	800	6	< 2	4	48	0.02	< 10	< 10	66	< 10	398

CERTIFICATION:_____

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1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 30-SEP-97
Invoice No. : I9743833
P.O. Number :
Account : PHY

CERTIFICATE OF ANALYSIS A9743833

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
8DS 0376	201	202	< 5	1.0	1.18	10	300	0.5	< 2	1.31	3.5	10	24	59	2.21	< 10	380	0.09	10	0.40	1025
8DS 0377	201	202	< 5	0.6	1.06	4	280	< 0.5	< 2	1.07	3.5	14	21	47	2.30	< 10	290	0.10	10	0.35	810
8DS 0378	201	202	< 5	0.6	1.21	6	320	0.5	< 2	1.02	3.0	11	24	47	2.31	< 10	290	0.10	10	0.39	715
8DS 0379	201	202	< 5	0.6	1.19	6	340	0.5	< 2	0.95	3.0	12	25	54	2.37	< 10	310	0.10	10	0.39	675
8DS 0380	201	202	< 5	0.6	1.07	6	280	< 0.5	< 2	0.96	2.0	9	22	46	2.15	< 10	270	0.10	10	0.36	385
8DS 0381	201	202	< 5	0.8	1.07	4	310	0.5	< 2	1.15	3.5	12	22	56	2.15	< 10	360	0.09	10	0.37	555
8DS 0382	201	202	< 5	0.6	1.02	8	310	< 0.5	< 2	0.92	2.5	10	20	48	2.20	< 10	270	0.08	10	0.37	535
8DS 0383	201	202	< 5	0.6	1.06	12	330	0.5	< 2	1.01	3.0	12	21	57	2.37	< 10	290	0.08	10	0.39	615
8DS 0384	201	202	5	0.8	1.09	6	280	0.5	< 2	1.05	3.0	10	22	52	2.20	< 10	330	0.08	10	0.40	575
8DS 0385	201	202	< 5	0.6	1.15	8	300	0.5	< 2	1.23	2.5	11	22	54	2.22	< 10	310	0.09	10	0.41	555
8DS 0386	201	202	< 5	0.8	1.16	10	350	0.5	< 2	1.11	2.5	11	25	56	2.38	< 10	300	0.11	10	0.41	590
8DS 0387	201	202	< 5	0.6	1.16	8	330	0.5	< 2	1.00	2.5	10	25	52	2.31	< 10	300	0.11	10	0.38	575
8DS 0388	201	202	5	0.6	1.28	8	310	0.5	< 2	0.92	3.0	11	26	84	2.51	< 10	360	0.12	10	0.42	710
8DS 0389	201	202	< 5	0.6	1.43	12	490	0.5	< 2	0.62	1.0	12	25	42	2.61	< 10	250	0.13	10	0.47	495
10DSS 0605	201	202	< 5	< 0.2	1.49	2	240	< 0.5	< 2	0.15	< 0.5	5	25	17	1.78	< 10	60	0.08	10	0.46	110
10DSS 0606	201	202	10	0.2	1.96	< 2	710	0.5	< 2	1.39	1.5	11	19	30	1.77	< 10	220	0.07	20	0.53	1475
10DS 0607	201	202	< 5	0.2	1.98	< 2	570	0.5	< 2	0.94	0.5	9	27	33	1.92	< 10	150	0.15	20	0.80	400
10DS 0608	201	202	< 5	0.2	1.67	< 2	520	0.5	< 2	1.17	0.5	6	25	26	1.70	< 10	100	0.12	10	0.72	225
10DS 0609	201	202	< 5	< 0.2	1.92	< 2	620	0.5	< 2	1.05	0.5	8	27	28	2.07	< 10	100	0.16	10	0.85	220
10DS 0610	201	202	< 5	< 0.2	2.12	2	640	0.5	< 2	0.74	0.5	9	29	30	2.55	< 10	70	0.22	20	1.01	325
10DS 0611	201	202	< 5	< 0.2	1.68	10	700	0.5	< 2	0.56	0.5	10	25	37	2.59	< 10	190	0.10	20	1.00	350
10DS 0612	201	202	< 5	0.2	1.68	6	630	0.5	< 2	0.75	0.5	8	24	33	2.24	< 10	150	0.09	20	0.93	265
10DS 0613	201	202	< 5	< 0.2	1.85	< 2	620	0.5	< 2	0.63	< 0.5	9	26	27	2.27	< 10	100	0.13	20	0.96	310
10DS 0614	201	202	< 5	< 0.2	2.00	< 2	620	0.5	< 2	0.75	0.5	8	28	31	2.28	< 10	140	0.15	20	0.97	245
10DS 0615	201	202	< 5	< 0.2	2.41	< 2	680	0.5	< 2	0.62	0.5	10	32	30	2.44	< 10	100	0.25	20	1.15	265
10DS 0616	201	202	< 5	< 0.2	2.38	6	740	0.5	< 2	0.68	< 0.5	9	32	29	2.54	< 10	100	0.27	20	1.16	265
10DS 0617	201	202	< 5	< 0.2	2.39	2	710	0.5	< 2	0.68	0.5	9	32	29	2.60	< 10	100	0.26	20	1.18	235
10DS 0618	201	202	< 5	< 0.2	2.05	< 2	580	0.5	< 2	0.89	< 0.5	7	29	28	2.02	< 10	120	0.17	20	0.92	155
10DS 0619	201	202	< 5	0.2	1.98	< 2	530	0.5	< 2	1.21	0.5	7	28	32	1.93	< 10	160	0.16	20	0.92	200
10DS 0620	201	202	< 5	0.2	2.07	< 2	600	0.5	< 2	0.99	0.5	7	29	32	2.05	< 10	170	0.18	20	0.99	170
10DS 0621	201	202	< 5	0.2	2.19	6	590	0.5	< 2	1.10	0.5	8	30	35	2.19	< 10	210	0.22	20	1.03	160
10DS 0622	201	202	50	< 0.2	2.14	2	640	0.5	< 2	0.86	0.5	8	30	26	2.16	< 10	120	0.24	20	1.02	185
10DS 0623	201	202	< 5	< 0.2	2.28	2	680	0.5	< 2	0.79	< 0.5	9	30	29	2.57	< 10	130	0.24	20	1.18	220
10DS 0624	201	202	< 5	0.2	1.95	< 2	550	0.5	< 2	1.35	0.5	7	28	37	2.05	< 10	210	0.16	20	0.95	205
10DS 0625	201	202	< 5	< 0.2	2.24	10	630	0.5	< 2	1.01	0.5	10	31	34	2.61	< 10	150	0.24	20	1.17	270
10DS 0626	201	202	< 5	< 0.2	2.06	6	590	0.5	< 2	1.41	0.5	9	28	38	2.40	< 10	180	0.19	20	1.10	295
10DS 0627	201	202	< 5	< 0.2	2.15	2	620	0.5	< 2	0.83	0.5	10	29	30	2.68	< 10	110	0.22	20	1.22	280
10DS 0628	201	202	< 5	< 0.2	1.76	2	520	0.5	< 2	1.09	0.5	8	25	32	2.04	< 10	180	0.13	10	0.92	245
10DS 0629	201	202	< 5	< 0.2	1.80	< 2	520	0.5	< 2	0.87	0.5	9	25	39	2.23	< 10	170	0.14	10	0.94	260
10DS 0630	201	202	< 5	< 0.2	2.02	2	570	0.5	< 2	0.99	0.5	9	28	37	2.67	< 10	200	0.19	20	1.15	280

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Certificate Date: 30-SEP-97
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Account :PHY

CERTIFICATE OF ANALYSIS A9743833

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
8DS 0376	201	202	5	0.01	59	1020	8	< 2	4	86	0.01	< 10	< 10	113	< 10	504
8DS 0377	201	202	4	< 0.01	55	1030	8	2	3	71	0.01	< 10	< 10	94	< 10	442
8DS 0378	201	202	5	< 0.01	52	950	8	< 2	4	67	0.02	< 10	< 10	105	< 10	414
8DS 0379	201	202	5	< 0.01	58	1000	8	< 2	4	75	0.01	< 10	< 10	112	< 10	416
8DS 0380	201	202	4	< 0.01	48	970	8	< 2	3	74	0.01	< 10	< 10	94	< 10	394
8DS 0381	201	202	5	< 0.01	57	1010	8	< 2	3	83	0.01	< 10	< 10	100	< 10	426
8DS 0382	201	202	4	< 0.01	52	910	8	< 2	3	69	0.01	< 10	< 10	84	< 10	378
8DS 0383	201	202	6	< 0.01	59	1020	8	2	3	80	0.01	< 10	< 10	94	< 10	416
8DS 0384	201	202	4	< 0.01	55	1040	8	2	4	77	0.01	< 10	< 10	90	< 10	438
8DS 0385	201	202	4	< 0.01	60	910	12	2	4	86	0.01	< 10	< 10	95	< 10	446
8DS 0386	201	202	5	< 0.01	58	1000	8	< 2	4	85	0.01	< 10	< 10	109	< 10	424
8DS 0387	201	202	5	0.01	56	970	6	< 2	4	79	0.01	< 10	< 10	113	< 10	416
8DS 0388	201	202	4	0.01	57	1060	8	< 2	4	87	0.03	< 10	< 10	90	< 10	434
8DS 0389	201	202	5	< 0.01	39	720	12	< 2	5	49	0.02	< 10	< 10	80	< 10	218
10DSS 0605	201	202	< 1	< 0.01	13	600	6	< 2	1	12	0.01	< 10	< 10	37	< 10	58
10DSS 0606	201	202	< 1	0.01	19	990	6	< 2	1	86	0.01	< 10	< 10	32	< 10	148
10DS 0607	201	202	< 1	0.01	22	930	4	< 2	4	55	0.02	< 10	< 10	41	< 10	116
10DS 0608	201	202	< 1	0.01	18	810	4	< 2	3	65	0.02	< 10	< 10	32	< 10	92
10DS 0609	201	202	< 1	0.01	20	880	6	2	4	62	0.02	< 10	< 10	38	< 10	112
10DS 0610	201	202	1	0.01	24	840	10	< 2	4	51	0.01	< 10	< 10	48	< 10	124
10DS 0611	201	202	< 1	< 0.01	23	870	10	< 2	4	39	0.01	< 10	< 10	41	< 10	100
10DS 0612	201	202	< 1	< 0.01	22	810	6	< 2	4	48	0.01	< 10	< 10	36	< 10	94
10DS 0613	201	202	< 1	< 0.01	21	790	6	< 2	4	43	0.01	< 10	< 10	40	< 10	92
10DS 0614	201	202	< 1	0.01	22	820	6	< 2	4	51	0.01	< 10	< 10	41	< 10	92
10DS 0615	201	202	< 1	0.01	23	740	8	2	5	46	0.01	< 10	< 10	49	< 10	104
10DS 0616	201	202	< 1	0.01	23	780	8	< 2	5	50	0.01	< 10	< 10	51	< 10	106
10DS 0617	201	202	< 1	0.01	22	800	8	< 2	5	50	0.01	< 10	< 10	51	< 10	106
10DS 0618	201	202	< 1	0.01	20	820	4	2	5	60	0.03	< 10	< 10	40	< 10	92
10DS 0619	201	202	< 1	0.01	20	900	6	< 2	5	75	0.02	< 10	< 10	37	< 10	92
10DS 0620	201	202	< 1	0.01	21	860	4	< 2	5	65	0.02	< 10	< 10	41	< 10	98
10DS 0621	201	202	< 1	0.01	21	840	8	< 2	5	68	0.02	< 10	< 10	45	< 10	102
10DS 0622	201	202	< 1	0.01	21	870	4	< 2	5	62	0.03	< 10	< 10	47	< 10	96
10DS 0623	201	202	< 1	0.01	24	830	8	< 2	5	58	0.02	< 10	< 10	49	< 10	108
10DS 0624	201	202	< 1	0.01	22	890	6	< 2	5	90	0.02	< 10	< 10	40	< 10	94
10DS 0625	201	202	< 1	0.01	23	880	8	< 2	5	73	0.02	< 10	< 10	51	< 10	110
10DS 0626	201	202	< 1	0.01	23	930	6	2	5	95	0.01	< 10	< 10	44	< 10	102
10DS 0627	201	202	< 1	< 0.01	24	840	6	< 2	5	63	0.01	< 10	< 10	48	< 10	114
10DS 0628	201	202	< 1	0.01	21	850	6	< 2	4	79	0.01	< 10	< 10	36	< 10	92
10DS 0629	201	202	< 1	0.01	25	860	6	< 2	4	69	0.01	< 10	< 10	39	< 10	104
10DS 0630	201	202	< 1	< 0.01	26	870	10	< 2	4	78	0.01	< 10	< 10	45	< 10	114

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SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
10DS 0631	201	202	< 5	< 0.2	2.16	< 2	570	0.5	< 2	1.12	0.5	9	28	39	2.55	< 10	220	0.23	20	1.14	320
10DS 0632	201	202	10	0.2	2.01	2	550	0.5	< 2	1.13	0.5	8	27	39	2.17	< 10	320	0.20	10	0.95	255
10DS 0633	201	202	< 5	0.2	2.95	< 2	930	1.0	< 2	0.61	2.5	27	42	137	4.79	< 10	130	0.13	10	0.56	1155
10DS 0634	201	202	< 5	0.2	2.12	< 2	620	0.5	< 2	1.13	1.5	9	29	44	2.43	< 10	280	0.22	10	1.00	440
10DS 0635	201	202	< 5	0.2	1.92	< 2	610	0.5	< 2	1.26	1.0	8	25	46	2.04	< 10	270	0.20	10	0.86	285
10DS 0636	201	202	15	0.6	2.19	2	580	0.5	< 2	1.82	5.0	11	24	58	2.90	< 10	380	0.17	40	1.04	400
10DS 0637	201	202	< 5	0.2	1.92	< 2	620	0.5	< 2	1.07	1.5	9	25	42	2.63	< 10	230	0.19	10	0.97	680
10DS 0638	201	202	< 5	0.4	1.59	< 2	510	0.5	< 2	1.59	0.5	8	20	86	1.66	< 10	250	0.15	10	0.84	100
10DS 0639	201	202	5	0.2	1.52	< 2	450	< 0.5	< 2	1.20	1.0	6	20	40	1.76	< 10	270	0.11	10	0.79	185
10DS 0640	201	202	10	0.2	1.49	< 2	620	0.5	< 2	1.37	0.5	12	19	56	2.77	< 10	180	0.13	10	0.74	775
10DS 0641	201	202	10	< 0.2	1.40	< 2	560	0.5	< 2	5.66	0.5	11	18	30	3.02	< 10	70	0.17	10	0.91	1105
10DS 0642	201	202	10	0.2	1.48	6	580	0.5	< 2	1.68	1.5	13	20	62	3.13	< 10	230	0.14	10	0.77	1025
10DS 0643	201	202	15	< 0.2	2.08	< 2	490	0.5	< 2	0.83	0.5	9	26	28	2.29	< 10	150	0.24	20	1.30	295
10DS 0644	201	202	10	0.2	2.10	< 2	630	0.5	< 2	1.33	0.5	10	26	45	2.64	< 10	210	0.26	20	1.17	485
10DS 0645	201	202	< 5	< 0.2	2.27	2	740	0.5	< 2	1.81	0.5	12	27	44	3.01	< 10	190	0.31	20	1.26	590
10DS 0646	201	202	< 5	0.2	1.95	2	690	0.5	< 2	2.23	0.5	11	24	56	2.57	< 10	240	0.25	20	1.07	600
10DS 0647	201	202	< 5	0.2	2.03	< 2	690	0.5	< 2	1.61	0.5	12	25	44	2.80	< 10	190	0.25	20	1.15	545
10DS 0648	201	202	< 5	0.2	1.96	< 2	640	0.5	< 2	1.66	0.5	10	25	47	2.56	< 10	210	0.26	20	1.09	520
10DS 0649	201	202	< 5	< 0.2	2.17	2	710	0.5	< 2	1.47	< 0.5	11	26	41	2.91	< 10	160	0.29	20	1.29	530
10DS 0650	201	202	< 5	< 0.2	1.95	6	640	0.5	< 2	1.19	0.5	10	24	40	2.58	< 10	180	0.24	20	1.09	445
10DS 0651	201	202	< 5	< 0.2	1.70	< 2	560	0.5	< 2	1.06	< 0.5	9	23	37	2.38	< 10	150	0.19	10	0.98	385
10DS 0652	201	202	< 5	0.2	1.66	< 2	540	0.5	< 2	1.50	0.5	10	21	43	2.49	< 10	140	0.17	10	1.02	500
10DS 0653	201	202	< 5	< 0.2	1.54	< 2	520	0.5	< 2	1.68	0.5	10	21	48	2.37	< 10	240	0.15	10	0.95	600
10DS 0654	201	202	< 5	< 0.2	1.63	< 2	520	0.5	< 2	1.51	< 0.5	10	22	45	2.47	< 10	170	0.16	10	1.00	505
10DS 0655	201	202	< 5	< 0.2	1.68	< 2	470	0.5	< 2	0.90	0.5	8	24	33	2.45	< 10	110	0.19	10	1.04	165
10DS 0656	201	202	< 5	< 0.2	1.96	< 2	600	0.5	< 2	1.56	0.5	11	25	45	2.84	< 10	180	0.24	20	1.18	775
11DSS 0166	201	202	20	1.0	1.00	10	560	1.0	< 2	0.72	1.0	26	12	147	6.05	< 10	450	0.20	< 10	0.36	970
11DSS 0167	201	202	15	1.6	1.40	30	360	1.0	< 2	0.18	3.0	16	31	123	5.77	< 10	990	0.31	10	0.12	1355
11DS 0168	201	202	15	1.2	0.97	26	830	0.5	< 2	0.71	3.0	16	19	119	4.89	< 10	600	0.21	< 10	0.20	1240
11DS 0169	201	202	10	2.0	0.85	16	650	0.5	< 2	1.17	3.0	9	26	98	2.94	< 10	790	0.13	< 10	0.29	455
11DS 0170	201	202	15	2.6	1.16	12	520	0.5	< 2	1.29	7.5	9	33	143	2.91	< 10	1090	0.11	10	0.28	445
11DS 0171	201	202	10	1.4	1.01	22	670	0.5	< 2	1.12	11.5	16	25	103	4.11	< 10	820	0.18	10	0.31	1355
11DS 0172	201	202	10	1.6	1.06	20	640	0.5	< 2	1.13	15.5	13	29	105	3.57	< 10	740	0.19	10	0.32	790
11DS 0173	201	202	10	1.2	0.96	26	710	0.5	< 2	0.79	17.0	14	20	107	4.25	< 10	470	0.18	10	0.23	835
11DS 0174	201	202	10	1.6	1.02	16	550	0.5	< 2	0.77	4.0	6	24	72	2.01	< 10	580	0.09	10	0.36	180
11DS 0175	201	202	10	1.2	1.03	12	390	0.5	< 2	0.87	10.5	10	22	71	2.98	< 10	510	0.10	10	0.39	465
11DS 0176	201	202	5	0.6	1.13	6	530	0.5	< 2	0.94	0.5	6	19	41	2.27	< 10	260	0.07	10	0.58	225
11DS 0177	201	202	10	1.0	1.20	6	350	0.5	< 2	0.85	7.0	9	22	58	2.61	< 10	430	0.10	10	0.55	455
11DS 0178	201	202	5	0.6	1.41	< 2	510	0.5	< 2	0.83	6.0	9	23	51	2.58	< 10	390	0.15	10	0.68	285
11DS 0179	201	202	15	0.4	1.92	4	820	0.5	< 2	0.99	8.5	11	26	59	3.22	< 10	490	0.25	10	1.01	450

CERTIFICATION: _____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 30-SEP-97
Invoice No. :I9743833
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9743833

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
10DS 0631	201	202	2	0.01	25	900	8	< 2	5	88	0.01	< 10	< 10	49	< 10	112
10DS 0632	201	202	1	0.01	28	970	8	< 2	5	85	0.01	< 10	< 10	49	< 10	106
10DS 0633	201	202	1	0.01	83	830	24	< 2	7	52	0.01	< 10	< 10	55	< 10	300
10DS 0634	201	202	1	0.01	32	1030	8	< 2	5	96	0.02	< 10	< 10	54	< 10	130
10DS 0635	201	202	1	0.01	33	1090	6	< 2	4	98	0.01	< 10	< 10	47	< 10	114
10DS 0636	201	202	3	0.01	33	1100	12	< 2	6	85	0.01	< 10	< 10	55	< 10	188
10DS 0637	201	202	2	0.01	36	1000	8	< 2	4	93	0.01	< 10	< 10	49	< 10	168
10DS 0638	201	202	1	< 0.01	36	690	8	< 2	4	180	0.01	< 10	< 10	50	< 10	110
10DS 0639	201	202	< 1	< 0.01	25	890	4	< 2	4	99	0.01	< 10	< 10	32	< 10	116
10DS 0640	201	202	3	< 0.01	42	980	10	2	4	112	< 0.01	< 10	< 10	39	< 10	188
10DS 0641	201	202	3	< 0.01	37	810	8	< 2	5	198	< 0.01	< 10	< 10	20	< 10	224
10DS 0642	201	202	3	< 0.01	53	830	10	< 2	4	132	0.01	< 10	< 10	39	< 10	260
10DS 0643	201	202	1	0.01	26	740	6	< 2	5	62	< 0.01	< 10	< 10	36	< 10	116
10DS 0644	201	202	1	0.01	35	840	10	< 2	5	105	0.01	< 10	< 10	43	< 10	154
10DS 0645	201	202	3	0.01	34	830	10	< 2	5	122	< 0.01	< 10	< 10	42	< 10	156
10DS 0646	201	202	2	0.01	34	810	10	< 2	5	149	< 0.01	< 10	< 10	37	< 10	136
10DS 0647	201	202	2	0.01	35	800	10	< 2	5	111	< 0.01	< 10	< 10	40	< 10	156
10DS 0648	201	202	2	0.01	33	810	8	< 2	5	120	0.01	< 10	< 10	41	< 10	132
10DS 0649	201	202	2	0.01	33	840	8	< 2	5	106	< 0.01	< 10	< 10	45	< 10	142
10DS 0650	201	202	1	0.01	33	770	8	< 2	5	92	0.01	< 10	< 10	41	< 10	148
10DS 0651	201	202	1	0.01	29	800	8	< 2	4	85	0.01	< 10	< 10	39	< 10	124
10DS 0652	201	202	2	0.01	32	750	8	< 2	4	106	< 0.01	< 10	< 10	33	< 10	138
10DS 0653	201	202	2	0.01	33	800	10	< 2	4	119	< 0.01	< 10	< 10	32	< 10	134
10DS 0654	201	202	1	0.01	33	790	8	< 2	4	107	0.01	< 10	< 10	34	< 10	142
10DS 0655	201	202	1	0.01	25	910	8	< 2	4	74	0.01	< 10	< 10	39	< 10	102
10DS 0656	201	202	3	0.01	33	870	10	< 2	5	109	0.01	< 10	< 10	43	< 10	134
11DSS 0166	201	202	7	< 0.01	95	850	20	2	8	124	< 0.01	< 10	< 10	43	< 10	274
11DSS 0167	201	202	16	0.01	94	2300	30	2	4	146	< 0.01	< 10	< 10	165	< 10	336
11DS 0168	201	202	16	0.01	78	1750	26	6	4	164	< 0.01	< 10	< 10	203	< 10	398
11DS 0169	201	202	14	0.01	78	1960	18	6	3	160	< 0.01	< 10	< 10	226	< 10	340
11DS 0170	201	202	13	< 0.01	118	2190	14	4	5	174	0.01	< 10	< 10	272	< 10	944
11DS 0171	201	202	16	< 0.01	137	2080	16	6	5	173	< 0.01	< 10	< 10	211	< 10	1360
11DS 0172	201	202	14	< 0.01	142	2160	20	6	4	171	0.01	< 10	< 10	235	< 10	1635
11DS 0173	201	202	14	< 0.01	137	1940	22	4	4	156	< 0.01	< 10	< 10	216	< 10	1725
11DS 0174	201	202	16	< 0.01	71	1220	6	4	3	80	0.01	< 10	< 10	190	< 10	676
11DS 0175	201	202	10	< 0.01	123	1660	12	2	4	115	0.01	< 10	< 10	138	< 10	1800
11DS 0176	201	202	3	< 0.01	31	880	8	< 2	5	112	0.03	< 10	< 10	54	< 10	178
11DS 0177	201	202	8	< 0.01	104	1270	8	2	4	90	0.01	< 10	< 10	109	< 10	1635
11DS 0178	201	202	6	< 0.01	84	1310	10	< 2	4	90	0.01	< 10	< 10	95	< 10	1380
11DS 0179	201	202	8	< 0.01	97	1420	10	2	5	102	0.01	< 10	< 10	102	< 10	1835

CERTIFICATION: Stewart Bachlet

Chemex Labs Ltd.

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 30-SEP-97
Invoice No. : I9743833
P.O. Number :
Account : PHY

CERTIFICATE OF ANALYSIS A9743833

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
11DS 0180	201	202	< 5	0.2	2.13	4	1180	0.5	< 2	0.79	0.5	11	28	51	2.73	< 10	220	0.28	10	1.04	395
11DS 0181	201	202	< 5	0.2	1.96	10	760	0.5	< 2	0.97	7.5	11	26	53	2.89	< 10	310	0.26	10	0.99	400
11DS 0182	201	202	5	0.2	1.84	4	730	0.5	< 2	1.06	9.0	10	26	53	2.78	< 10	380	0.22	10	0.91	400
11DS 0183	201	202	10	0.2	1.85	2	730	0.5	< 2	0.90	9.0	10	26	49	2.71	< 10	390	0.24	10	0.89	405
11DS 0184	201	202	15	0.4	1.70	< 2	630	0.5	< 2	0.94	5.0	9	25	59	2.54	< 10	370	0.19	10	0.80	385
11DS 0185	201	202	< 5	0.6	1.67	6	680	0.5	< 2	1.19	6.0	8	28	59	2.45	< 10	390	0.21	10	0.74	295
11DS 0186	201	202	< 5	0.4	1.43	< 2	520	0.5	< 2	0.83	4.0	9	21	45	2.35	< 10	280	0.14	10	0.73	360
11DS 0187	201	202	< 5	0.2	1.92	2	680	0.5	< 2	0.71	0.5	12	23	55	2.96	< 10	160	0.25	10	0.99	490
11DS 0188	201	202	< 5	< 0.2	1.78	< 2	620	0.5	< 2	0.60	0.5	9	22	34	2.41	< 10	120	0.17	10	0.97	285
11DS 0189	201	202	< 5	0.4	1.70	14	680	0.5	< 2	0.77	3.5	12	24	55	3.24	< 10	290	0.20	10	0.85	555
11DS 0190	201	202	5	0.4	1.82	16	860	0.5	< 2	0.90	4.0	13	26	57	3.81	< 10	260	0.24	10	0.84	645
11DSS 0206	201	202	10	0.2	1.49	14	250	< 0.5	< 2	0.18	0.5	7	25	33	2.25	< 10	210	0.09	10	0.40	185
11DS 0207	201	202	10	1.0	1.28	2	600	0.5	< 2	0.50	2.5	7	24	48	1.93	< 10	590	0.13	10	0.39	245
11DS 0208	201	202	5	0.6	1.43	8	410	< 0.5	< 2	0.36	1.5	9	26	23	1.85	< 10	260	0.10	10	0.41	280
11DS 0209	201	202	10	1.8	1.35	12	390	0.5	< 2	0.82	2.5	9	40	45	2.07	< 10	380	0.09	10	0.46	525
11DS 0210	201	202	< 5	0.8	1.29	6	380	< 0.5	< 2	0.55	1.5	9	28	25	1.74	< 10	290	0.10	10	0.45	460
11DS 0211	201	202	< 5	0.6	1.33	< 2	330	< 0.5	< 2	0.36	0.5	6	24	24	1.88	< 10	190	0.07	10	0.42	180
11DS 0212	201	202	< 5	0.2	1.17	6	320	< 0.5	< 2	0.42	1.0	8	23	24	1.99	< 10	110	0.10	10	0.48	235
11DS 0213	201	202	< 5	< 0.2	1.09	4	300	< 0.5	< 2	0.37	0.5	6	21	18	1.75	< 10	90	0.10	10	0.42	190
11DS 0214	201	202	< 5	0.2	1.19	2	330	< 0.5	< 2	0.41	1.0	7	23	22	1.84	< 10	130	0.10	10	0.45	270
11DS 0215	201	202	< 5	0.2	1.07	2	310	< 0.5	< 2	0.43	0.5	9	21	21	2.02	< 10	180	0.07	10	0.43	480
11DS 0216	201	202	< 5	0.2	1.03	10	310	< 0.5	< 2	0.38	0.5	9	18	20	1.83	< 10	110	0.07	10	0.39	430
11DS 0217	201	202	< 5	0.2	1.00	4	290	< 0.5	< 2	0.43	0.5	6	18	20	1.58	< 10	140	0.06	10	0.38	310
11DS 0218	201	202	< 5	0.2	1.25	4	430	< 0.5	< 2	0.58	0.5	8	20	29	2.14	< 10	140	0.11	10	0.57	385
11DS 0219	201	202	10	0.2	1.43	< 2	580	0.5	< 2	0.74	0.5	8	23	32	2.33	< 10	210	0.14	10	0.71	340
11DS 0220	201	202	< 5	< 0.2	1.74	12	930	0.5	< 2	0.73	1.5	11	26	38	2.95	< 10	1120	0.23	10	0.86	535
11DS 0221	201	202	< 5	0.2	1.55	4	490	0.5	< 2	0.89	1.5	9	26	41	2.44	< 10	260	0.17	10	0.67	410
11DS 0222	201	202	10	0.2	1.63	6	600	0.5	< 2	0.85	0.5	10	25	39	2.58	< 10	200	0.19	10	0.77	450

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 30-SEP-97
Invoice No. : 19743833
P.O. Number :
Account : PHY

CERTIFICATE OF ANALYSIS A9743833

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
11DS 0180	201	202	3	0.01	29	1130	8	< 2	5	77	0.01	< 10	< 10	63	< 10	130
11DS 0181	201	202	6	0.01	78	1130	10	< 2	5	96	0.01	< 10	< 10	81	< 10	1305
11DS 0182	201	202	5	< 0.01	92	1130	8	< 2	5	102	0.01	< 10	< 10	83	< 10	1595
11DS 0183	201	202	5	< 0.01	80	1150	8	2	4	97	0.01	< 10	< 10	88	< 10	1460
11DS 0184	201	202	5	< 0.01	71	1130	10	< 2	5	102	0.02	< 10	< 10	80	< 10	1020
11DS 0185	201	202	6	0.01	77	1340	6	< 2	4	127	0.01	< 10	< 10	113	< 10	968
11DS 0186	201	202	4	< 0.01	61	1080	8	< 2	4	90	0.01	< 10	< 10	68	< 10	852
11DS 0187	201	202	4	< 0.01	33	1200	10	< 2	4	77	< 0.01	< 10	< 10	65	< 10	174
11DS 0188	201	202	2	< 0.01	27	910	6	< 2	3	66	0.01	< 10	< 10	52	< 10	128
11DS 0189	201	202	6	< 0.01	74	1370	8	< 2	4	97	0.01	< 10	< 10	86	< 10	1005
11DS 0190	201	202	7	< 0.01	80	1430	10	< 2	4	112	0.01	< 10	< 10	94	< 10	1095
11DSS 0206	201	202	10	< 0.01	40	600	10	< 2	3	25	0.03	< 10	< 10	114	< 10	216
11DS 0207	201	202	15	< 0.01	49	740	6	2	5	55	0.01	< 10	< 10	168	< 10	296
11DS 0208	201	202	6	< 0.01	35	600	6	< 2	3	41	0.03	< 10	< 10	99	< 10	254
11DS 0209	201	202	6	< 0.01	60	1580	8	2	4	100	0.03	< 10	< 10	136	< 10	428
11DS 0210	201	202	4	< 0.01	35	890	6	< 2	3	63	0.02	< 10	< 10	130	< 10	260
11DS 0211	201	202	3	< 0.01	24	590	10	< 2	3	41	0.03	< 10	< 10	71	< 10	148
11DS 0212	201	202	2	0.01	27	700	6	< 2	3	37	0.05	< 10	< 10	66	< 10	124
11DS 0213	201	202	3	0.01	22	670	6	< 2	3	34	0.04	< 10	< 10	61	< 10	112
11DS 0214	201	202	3	0.01	26	690	6	< 2	3	37	0.04	< 10	< 10	71	< 10	136
11DS 0215	201	202	3	< 0.01	26	730	8	< 2	3	37	0.04	< 10	< 10	63	< 10	146
11DS 0216	201	202	3	< 0.01	26	690	6	< 2	3	37	0.03	< 10	< 10	58	< 10	152
11DS 0217	201	202	3	< 0.01	23	700	6	< 2	3	39	0.03	< 10	< 10	54	< 10	138
11DS 0218	201	202	3	< 0.01	32	920	6	< 2	3	58	0.01	< 10	< 10	54	< 10	196
11DS 0219	201	202	1	< 0.01	31	970	8	< 2	4	73	0.01	< 10	< 10	48	< 10	206
11DS 0220	201	202	3	< 0.01	40	1250	10	< 2	4	79	0.01	< 10	< 10	65	< 10	294
11DS 0221	201	202	3	< 0.01	42	1050	8	< 2	4	83	0.01	< 10	< 10	62	< 10	308
11DS 0222	201	202	2	< 0.01	36	1040	10	2	4	83	0.01	< 10	< 10	61	< 10	244

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9743841

Comments: ATTN:GEORGE NICHOLSON

CERTIFICATE A9743841

(PHY) - INTERNATIONAL KODIAK RESOURCES INC.

Project:
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 30-SEP-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	29	Geochem ring to approx 150 mesh
226	29	0-3 Kg crush and split
3202	29	Rock - save entire reject
229	29	ICP - AQ Digestion charge

* NOTE 1:

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

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	29	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	29	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	29	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	29	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	29	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	29	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	29	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	29	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	29	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	29	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	29	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	29	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	29	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	29	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	29	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	29	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	29	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	29	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	29	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	29	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	29	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	29	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	29	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	29	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	29	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	29	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	29	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	29	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	29	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	29	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	29	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	29	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	29	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

Chemex Labs Ltd.

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN:GEORGE NICHOLSON

Page Number :1-A
Total Pages :1
Certificate Date: 30-SEP-97
Invoice No. :I9743841
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9743841

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
3BR0210	205	226	< 5	< 0.2	4.09	< 2	110	0.5	< 2	2.72	< 0.5	32	32	71	7.36	10	810	0.02	30	4.62	670
3BR0211	205	226	< 5	< 0.2	2.73	< 2	220	< 0.5	< 2	0.41	< 0.5	15	240	4	3.83	< 10	2120	0.08	< 10	2.44	300
3BR0212	205	226	< 5	< 0.2	3.74	< 2	230	0.5	< 2	1.40	< 0.5	32	2	84	8.05	10	8050	0.10	20	2.80	1000
3BR0213	205	226	< 5	< 0.2	3.68	< 2	190	0.5	< 2	1.30	< 0.5	34	3	25	8.22	10	1120	0.51	30	2.64	1285
3BR0214	205	226	< 5	< 0.2	4.54	6	1970	< 0.5	< 2	5.03	< 0.5	28	103	56	7.04	10	410	0.14	30	2.76	1485
6AR317	205	226	< 5	< 0.2	3.24	< 2	240	< 0.5	< 2	6.95	< 0.5	33	102	99	4.73	< 10	1110	0.09	10	2.89	700
6AR318	205	226	< 5	< 0.2	3.33	< 2	750	< 0.5	< 2	5.60	< 0.5	25	89	93	4.54	< 10	100	0.14	10	2.65	580
6AR319	205	226	< 5	< 0.2	2.45	< 2	380	< 0.5	< 2	11.90	< 0.5	24	38	60	4.62	< 10	130	0.09	10	1.99	805
6AR320	205	226	< 5	< 0.2	1.47	< 2	100	< 0.5	< 2	10.70	< 0.5	23	61	39	2.10	< 10	90	0.18	10	1.03	570
6AR321	205	226	< 5	< 0.2	3.23	< 2	250	< 0.5	< 2	5.31	< 0.5	34	62	84	5.27	10	90	0.06	10	3.01	775
6AR323	205	226	< 5	< 0.2	4.00	< 2	110	< 0.5	< 2	2.64	< 0.5	31	31	60	7.31	10	160	0.05	30	3.99	780
6AR328	205	226	< 5	< 0.2	3.76	< 2	760	< 0.5	< 2	1.41	< 0.5	37	116	93	4.67	< 10	1150	0.08	10	4.29	565
6AR329	205	226	< 5	< 0.2	3.01	< 2	260	< 0.5	< 2	8.13	< 0.5	24	44	103	4.24	< 10	810	0.07	10	2.40	605
6AR351	205	226	< 5	< 0.2	3.16	< 2	140	< 0.5	< 2	2.71	< 0.5	19	29	79	3.87	< 10	90	0.01	10	1.87	475
6AR352	205	226	< 5	< 0.2	4.65	< 2	310	< 0.5	< 2	6.52	< 0.5	19	117	109	3.87	< 10	420	0.01	< 10	1.96	570
9AR0415	205	226	10	< 0.2	0.67	< 2	390	< 0.5	< 2	0.25	< 0.5	3	91	34	0.78	< 10	200	0.16	< 10	0.29	45
9AR0416	205	226	10	< 0.2	0.59	< 2	420	< 0.5	< 2	0.10	< 0.5	1	121	40	0.72	< 10	170	0.16	< 10	0.17	30
9AR0418	205	226	< 5	< 0.2	0.40	< 2	390	< 0.5	< 2	0.17	< 0.5	1	158	24	1.02	< 10	60	0.04	< 10	0.13	50
9AR0422	205	226	< 5	< 0.2	0.99	< 2	450	< 0.5	< 2	0.04	< 0.5	4	105	13	1.69	< 10	60	0.05	< 10	0.62	500
14AR104	205	226	< 5	< 0.2	0.59	< 2	280	< 0.5	< 2	1.67	< 0.5	6	122	12	1.34	< 10	6670	0.23	10	0.10	765
14AR0106	205	226	< 5	< 0.2	2.30	< 2	130	< 0.5	< 2	0.52	< 0.5	10	97	17	2.97	< 10	90	0.08	10	2.20	210
16AR0293	205	226	< 5	< 0.2	3.83	< 2	710	< 0.5	< 2	1.94	< 0.5	28	36	85	5.92	10	10	0.11	20	3.19	865
18AR0124	205	226	< 5	< 0.2	1.99	< 2	490	< 0.5	< 2	5.99	< 0.5	14	20	12	3.73	< 10	20	0.25	50	0.61	1000
18AR0129	205	226	< 5	< 0.2	3.14	< 2	250	0.5	< 2	6.17	< 0.5	33	216	55	5.14	10	120	0.06	10	2.24	855
18AR0141	205	226	< 5	< 0.2	3.66	< 2	820	0.5	< 2	1.45	< 0.5	25	18	79	6.30	10	< 10	0.03	30	3.37	840
18AR0145	205	226	< 5	< 0.2	2.12	< 2	30	< 0.5	< 2	5.82	< 0.5	16	139	37	3.22	< 10	< 10	< 0.01	< 10	2.36	380
18AR0146	205	226	< 5	< 0.2	4.54	< 2	90	< 0.5	< 2	11.65	< 0.5	31	240	97	6.13	10	< 10	< 0.01	< 10	4.13	915
20DR0035	205	226	< 5	< 0.2	4.55	< 2	530	0.5	< 2	2.00	< 0.5	34	71	114	6.22	10	40	0.02	10	3.73	615
20DR0036	205	226	< 5	< 0.2	3.11	< 2	260	< 0.5	< 2	2.23	< 0.5	26	74	74	4.51	< 10	< 10	0.08	10	3.12	570

CERTIFICATION:

Chemex Labs Ltd.

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN:GEORGE NICHOLSON

Certificate Date: 30-SEP-97
Invoice No. : I9743841
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9743841

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
3BR0210	205	226	< 1	< 0.01	29	1370	< 2	< 2	11	58	0.61	< 10	< 10	262	< 10	88
3BR0211	205	226	1	0.02	67	1000	< 2	< 2	5	19	< 0.01	< 10	< 10	144	< 10	20
3BR0212	205	226	< 1	< 0.01	15	1990	< 2	< 2	8	56	0.58	< 10	< 10	241	< 10	110
3BR0213	205	226	< 1	< 0.01	2	2190	< 2	2	6	51	0.46	< 10	< 10	252	< 10	112
3BR0214	205	226	< 1	0.02	60	1690	< 2	2	14	126	0.01	< 10	< 10	203	< 10	90
6AR317	205	226	< 1	< 0.01	177	930	< 2	< 2	10	145	0.62	< 10	< 10	148	< 10	64
6AR318	205	226	< 1	< 0.01	106	1020	< 2	< 2	10	106	0.58	< 10	< 10	138	< 10	58
6AR319	205	226	< 1	< 0.01	74	1000	< 2	< 2	11	187	0.54	< 10	< 10	130	< 10	54
6AR320	205	226	< 1	< 0.01	46	1160	< 2	< 2	9	182	0.34	< 10	< 10	109	< 10	12
6AR321	205	226	< 1	< 0.01	131	1490	< 2	< 2	9	72	0.48	< 10	< 10	141	< 10	72
6AR323	205	226	< 1	< 0.01	28	1900	< 2	2	9	44	0.43	< 10	< 10	181	< 10	112
6AR328	205	226	< 1	0.02	219	1160	< 2	< 2	3	76	0.38	< 10	< 10	81	< 10	56
6AR329	205	226	< 1	< 0.01	54	1460	< 2	< 2	7	178	0.47	< 10	< 10	141	< 10	72
6AR351	205	226	< 1	< 0.01	32	970	< 2	< 2	5	79	0.37	< 10	< 10	100	< 10	42
6AR352	205	226	< 1	< 0.01	53	610	8	< 2	9	225	0.31	< 10	< 10	103	< 10	102
9AR0415	205	226	< 1	< 0.01	13	120	< 2	< 2	1	20	0.01	< 10	< 10	15	< 10	32
9AR0416	205	226	< 1	0.01	7	120	2	< 2	1	13	0.01	< 10	< 10	17	< 10	12
9AR0418	205	226	< 1	< 0.01	7	90	< 2	< 2	1	12	0.01	< 10	< 10	16	< 10	14
9AR0422	205	226	< 1	< 0.01	16	120	2	< 2	2	8	< 0.01	< 10	< 10	13	< 10	38
14AR104	205	226	< 1	< 0.01	12	430	< 2	< 2	2	26	< 0.01	< 10	< 10	16	< 10	46
14AR0106	205	226	1	0.11	43	1880	4	< 2	3	20	0.01	< 10	< 10	171	< 10	96
16AR0293	205	226	< 1	< 0.01	35	1340	< 2	< 2	13	43	0.51	< 10	< 10	168	< 10	72
18AR0124	205	226	< 1	0.02	11	3010	< 2	< 2	5	121	0.16	< 10	< 10	69	< 10	126
18AR0129	205	226	< 1	0.04	151	1060	< 2	< 2	7	123	0.66	< 10	< 10	110	< 10	78
18AR0141	205	226	< 1	< 0.01	35	1640	< 2	< 2	6	59	0.49	< 10	< 10	128	< 10	96
18AR0145	205	226	< 1	< 0.01	88	190	< 2	< 2	5	44	0.23	< 10	< 10	45	< 10	44
18AR0146	205	226	< 1	< 0.01	155	480	< 2	< 2	14	105	0.50	< 10	< 10	120	< 10	74
20DR0035	205	226	< 1	< 0.01	58	1220	< 2	< 2	19	28	0.77	< 10	< 10	228	< 10	98
20DR0036	205	226	< 1	< 0.01	86	1200	< 2	< 2	6	49	0.47	< 10	< 10	129	< 10	70

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9743843

Comments: ATTN:GEORGE NICHOLSON

CERTIFICATE A9743843

(PHY) - INTERNATIONAL KODIAK RESOURCES INC.

Project:
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 1-OCT-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	160	Dry, sieve to -80 mesh
202	160	save reject
229	160	ICP - AQ Digestion charge

* NOTE 1:

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

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	158	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2118	160	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	160	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	160	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	160	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	160	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	160	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	160	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	160	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	160	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	160	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	160	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	160	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	160	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	160	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	160	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	160	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	160	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	160	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	160	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	160	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	160	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	160	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	160	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	160	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	160	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	160	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	160	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	160	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	160	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	160	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	160	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	160	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

Chemex Labs Ltd.

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To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN:GEORGE NICHOLSON

Page Number :1-A
Total Pages :4
Certificate Date: 01-OCT-97
Invoice No. :I9743843
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9743843

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
2CS-0310	201	202	< 5	1.0	1.11	16	690	0.5	< 2	0.82	18.0	17	34	83	3.93	< 10	300	0.16	10	0.44	380
2CS-0311	201	202	< 5	1.2	0.99	28	640	0.5	< 2	1.14	10.0	15	35	96	4.58	< 10	330	0.19	10	0.40	310
2CS-0312	201	202	25	1.4	0.89	32	500	0.5	< 2	1.29	21.0	19	30	109	4.46	< 10	360	0.17	< 10	0.39	585
2CS-0313	201	202	< 5	1.2	0.88	24	550	0.5	< 2	0.89	13.5	16	30	81	3.83	< 10	270	0.16	< 10	0.40	385
2CS-0315	201	202	< 5	1.2	0.87	30	600	0.5	< 2	1.05	16.0	18	28	82	4.23	< 10	320	0.16	< 10	0.41	585
2CS-0316	201	202	< 5	1.8	1.03	12	350	0.5	< 2	1.21	16.5	13	33	83	3.62	< 10	430	0.17	10	0.33	290
2CS-0318	201	202	< 5	1.4	1.05	30	660	0.5	< 2	1.32	23.5	22	39	102	4.22	< 10	400	0.20	10	0.40	765
2CS-0319	201	202	< 5	1.6	1.08	24	560	0.5	< 2	1.36	20.5	18	39	99	3.78	< 10	490	0.21	10	0.41	625
2CS-0320	201	202	< 5	1.2	1.01	18	690	0.5	< 2	1.12	14.5	15	36	86	3.63	< 10	360	0.19	10	0.41	460
2CS-0321	201	202	< 5	1.4	1.04	32	590	0.5	< 2	1.40	21.0	23	40	106	4.23	< 10	400	0.21	10	0.43	765
2CS-0322	201	202	< 5	1.4	1.04	24	740	0.5	< 2	1.12	13.5	16	39	88	3.54	< 10	400	0.20	10	0.40	480
2CS-0323	201	202	< 5	2.2	1.08	28	560	0.5	< 2	1.20	13.5	12	49	112	3.45	< 10	480	0.18	10	0.38	370
2CS-0324	201	202	< 5	1.4	0.91	36	560	0.5	< 2	1.28	22.5	25	34	110	4.18	< 10	340	0.17	10	0.39	860
2CS-0325	201	202	not/ss	1.2	0.92	32	640	0.5	< 2	1.42	19.0	21	37	99	3.86	< 10	320	0.19	10	0.40	720
2CS-0326	201	202	< 5	1.2	0.97	24	820	0.5	< 2	1.02	12.0	14	38	86	3.33	< 10	330	0.20	10	0.30	445
2CS-0327	201	202	< 5	1.2	0.91	18	660	0.5	< 2	0.97	11.0	13	34	82	3.20	< 10	360	0.17	10	0.31	445
2CS-0328	201	202	< 5	1.4	1.06	20	750	0.5	< 2	1.17	14.5	15	39	94	3.65	< 10	450	0.20	10	0.36	530
2CS-0329	201	202	< 5	1.0	0.86	16	790	0.5	< 2	0.83	8.0	12	31	73	2.76	< 10	270	0.14	10	0.32	320
2CS-0330	201	202	< 5	1.2	0.90	20	730	0.5	< 2	1.02	12.0	11	31	82	3.03	< 10	350	0.14	10	0.31	355
2CS-0331	201	202	< 5	1.2	0.83	22	680	0.5	< 2	1.12	15.0	13	30	88	3.29	< 10	310	0.16	< 10	0.24	490
2CS-0332	201	202	< 5	1.4	1.05	14	820	0.5	< 2	1.08	14.5	13	37	81	3.13	< 10	410	0.19	10	0.36	465
2CS-0333	201	202	< 5	1.4	1.11	26	740	0.5	< 2	1.12	13.5	15	42	95	3.70	< 10	390	0.22	10	0.34	585
2CS-0334	201	202	< 5	1.6	1.12	22	710	0.5	< 2	1.18	15.0	14	40	94	3.40	< 10	470	0.19	10	0.34	630
2CS-0335	201	202	< 5	1.0	0.85	8	560	0.5	< 2	0.93	1.5	4	29	69	2.01	< 10	400	0.12	< 10	0.32	240
2CS-0336	201	202	< 5	1.4	1.05	30	710	0.5	< 2	1.18	14.5	20	41	115	4.24	< 10	340	0.22	10	0.32	810
2CS-0337	201	202	< 5	1.2	0.91	20	770	0.5	< 2	0.98	10.0	13	35	82	3.36	< 10	360	0.18	10	0.31	440
2CS-0338	201	202	< 5	1.2	0.94	24	780	0.5	< 2	0.93	10.0	13	35	84	3.27	< 10	310	0.17	10	0.31	425
2CS-0339	201	202	< 5	0.8	0.96	16	940	0.5	< 2	0.93	6.0	14	28	73	3.15	< 10	250	0.18	10	0.29	730
2CS-0340	201	202	< 5	1.0	0.88	18	710	0.5	< 2	0.97	9.0	12	29	69	3.19	< 10	280	0.15	10	0.29	440
3CS-0215	201	202	< 5	0.8	1.70	4	990	0.5	< 2	0.92	7.0	17	37	64	3.21	< 10	440	0.13	10	0.49	660
3CS-0216	201	202	< 5	0.4	2.29	< 2	2210	0.5	< 2	0.88	3.5	28	48	63	5.35	< 10	160	0.14	10	0.90	885
3CS-0217	201	202	< 5	0.6	2.03	2	1200	0.5	< 2	0.89	3.5	26	40	66	5.26	< 10	230	0.15	10	0.75	935
3CS-0218	201	202	< 5	0.4	1.69	2	1340	0.5	< 2	1.11	6.0	20	34	62	4.01	< 10	320	0.13	10	0.69	700
3CS-0219	201	202	< 5	0.6	1.54	2	920	0.5	< 2	0.97	6.0	36	29	64	3.99	< 10	300	0.16	10	0.53	1095
3CS-0220	201	202	< 5	0.8	1.35	10	1140	0.5	< 2	1.00	18.0	16	30	71	3.30	< 10	360	0.14	10	0.44	535
3CS-0221	201	202	< 5	1.8	0.79	24	780	0.5	< 2	1.08	14.5	11	36	104	3.08	< 10	460	0.17	< 10	0.26	325
3CS-0222	201	202	< 5	1.2	0.93	16	360	0.5	< 2	1.20	10.0	22	33	96	4.99	< 10	280	0.23	10	0.44	545
3CS-0223	201	202	< 5	1.2	0.91	14	700	0.5	< 2	0.86	12.0	15	29	76	3.76	< 10	290	0.19	10	0.32	375
3CS-0224	201	202	< 5	1.2	0.85	18	610	0.5	< 2	0.90	14.5	15	27	78	3.61	< 10	250	0.17	< 10	0.31	395
3CS-0225	201	202	< 5	0.6	0.80	12	370	0.5	< 2	0.74	2.0	9	18	63	2.66	< 10	190	0.11	< 10	0.27	330

CERTIFICATION: Jean A Pautler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN:GEORGE NICHOLSON

Certificate Date: 01-OCT-97
Invoice No. :I9743843
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9743843

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
2CS-0310	201	202	13	0.07	120	1900	10	2	6	118	< 0.01	< 10	< 10	198	< 10	1115
2CS-0311	201	202	16	0.11	156	2820	10	6	6	157	< 0.01	< 10	< 10	268	< 10	1895
2CS-0312	201	202	17	0.10	161	2670	12	6	6	151	< 0.01	< 10	< 10	278	< 10	1600
2CS-0313	201	202	14	0.07	110	2040	8	2	5	122	< 0.01	< 10	< 10	212	< 10	1030
2CS-0315	201	202	14	0.10	140	2220	10	2	5	125	< 0.01	< 10	< 10	233	< 10	1665
2CS-0316	201	202	12	0.06	121	1700	10	6	5	134	< 0.01	< 10	< 10	205	< 10	1075
2CS-0318	201	202	15	0.12	186	2790	10	4	6	153	< 0.01	< 10	< 10	316	< 10	2170
2CS-0319	201	202	14	0.10	161	2700	10	4	5	147	< 0.01	< 10	< 10	300	< 10	1660
2CS-0320	201	202	13	0.09	137	2660	12	4	5	142	< 0.01	< 10	< 10	267	< 10	1490
2CS-0321	201	202	18	0.11	174	3240	10	6	6	167	< 0.01	< 10	< 10	336	< 10	1890
2CS-0322	201	202	13	0.08	129	2850	8	2	5	141	< 0.01	< 10	< 10	269	< 10	1290
2CS-0323	201	202	17	0.06	118	3840	10	6	5	167	< 0.01	< 10	10	321	< 10	1080
2CS-0324	201	202	19	0.12	186	3230	12	6	6	156	< 0.01	< 10	10	315	< 10	2090
2CS-0325	201	202	17	0.09	153	3820	12	6	5	173	< 0.01	< 10	10	301	< 10	1620
2CS-0326	201	202	13	0.08	121	2880	10	4	5	142	< 0.01	< 10	< 10	271	< 10	1230
2CS-0327	201	202	12	0.07	116	2520	10	2	4	129	< 0.01	< 10	< 10	237	< 10	1095
2CS-0328	201	202	14	0.09	139	2940.	10	4	5	149	< 0.01	< 10	< 10	286	< 10	1435
2CS-0329	201	202	10	0.05	94	2180	8	2	4	107	< 0.01	< 10	< 10	197	< 10	824
2CS-0330	201	202	11	0.07	115	2410	8	2	4	118	< 0.01	< 10	< 10	220	< 10	1115
2CS-0331	201	202	13	0.07	120	2810	10	2	4	131	< 0.01	< 10	< 10	252	< 10	1185
2CS-0332	201	202	11	0.08	129	2380	8	4	5	123	0.01	< 10	< 10	248	< 10	1325
2CS-0333	201	202	15	0.08	137	3170	12	6	5	152	< 0.01	< 10	< 10	306	< 10	1350
2CS-0334	201	202	12	0.08	141	2680	10	6	5	131	0.01	< 10	< 10	281	< 10	1350
2CS-0335	201	202	4	0.01	33	1240	14	< 2	3	80	0.01	< 10	< 10	119	< 10	90
2CS-0336	201	202	19	0.08	150	3740	12	6	5	168	< 0.01	< 10	10	341	< 10	1375
2CS-0337	201	202	13	0.06	109	2720	8	4	4	130	< 0.01	< 10	< 10	248	< 10	1000
2CS-0338	201	202	12	0.06	111	2690	10	2	4	129	< 0.01	< 10	< 10	238	< 10	984
2CS-0339	201	202	9	0.04	85	2250	12	2	5	108	0.01	< 10	< 10	173	< 10	596
2CS-0340	201	202	10	0.06	100	2330	8	2	4	111	0.01	< 10	< 10	207	< 10	890
3CS-0215	201	202	6	0.03	67	1760	10	< 2	5	106	0.01	< 10	< 10	147	< 10	294
3CS-0216	201	202	4	0.02	86	1650	6	< 2	9	85	< 0.01	< 10	< 10	125	< 10	256
3CS-0217	201	202	4	0.03	82	1600	10	< 2	8	88	< 0.01	< 10	< 10	107	< 10	258
3CS-0218	201	202	7	0.04	84	1350	10	< 2	7	90	< 0.01	< 10	< 10	107	< 10	500
3CS-0219	201	202	8	0.05	106	1410	10	2	6	89	< 0.01	< 10	< 10	104	< 10	680
3CS-0220	201	202	10	0.08	119	1590	10	2	5	94	< 0.01	< 10	< 10	178	< 10	1280
3CS-0221	201	202	14	0.08	121	2250	12	6	6	144	< 0.01	< 10	< 10	335	< 10	1300
3CS-0222	201	202	11	0.07	127	2370	8	4	10	159	< 0.01	< 10	< 10	221	< 10	974
3CS-0223	201	202	11	0.06	106	1950	8	4	6	125	< 0.01	< 10	< 10	199	< 10	932
3CS-0224	201	202	11	0.07	113	1920	10	< 2	6	122	< 0.01	< 10	< 10	191	< 10	1075
3CS-0225	201	202	5	0.03	56	1440	12	< 2	4	83	0.01	< 10	< 10	76	< 10	292

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN:GEORGE NICHOLSON

Page Number :2-A
Total Pages :4
Certificate Date: 01-OCT-97
Invoice No. :I9743843
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9743843

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
3CS-0226	201	202	< 5	0.4	0.77	6	520	< 0.5	< 2	0.66	1.5	8	17	77	2.47	< 10	220	0.13	< 10	0.22	275
3CS-0227	201	202	< 5	2.0	0.70	24	490	0.5	< 2	0.85	9.0	9	38	117	2.66	< 10	370	0.16	10	0.24	560
3CS-0228	201	202	< 5	1.6	0.82	18	560	0.5	< 2	1.00	6.5	10	31	106	2.69	< 10	340	0.19	10	0.25	785
3CS-0229	201	202	< 5	0.8	0.76	16	540	0.5	< 2	0.92	3.5	11	22	80	2.61	< 10	270	0.16	10	0.23	600
3CS-0230	201	202	< 5	1.2	0.70	14	590	0.5	< 2	0.81	7.0	8	22	67	2.54	< 10	340	0.12	< 10	0.24	250
6CS-0353	201	202	< 5	1.2	0.97	10	610	< 0.5	< 2	0.67	3.0	13	21	43	1.79	< 10	280	0.07	10	0.32	860
6CS-0354	201	202	< 5	1.2	0.87	10	660	< 0.5	< 2	0.71	3.0	19	17	41	2.47	< 10	250	0.06	< 10	0.32	1605
6CS-0355	201	202	< 5	0.8	0.92	6	610	< 0.5	< 2	0.65	2.0	18	18	35	2.26	< 10	210	0.07	< 10	0.34	1315
6CS-0356	201	202	< 5	0.6	0.77	8	620	< 0.5	< 2	0.82	2.5	11	16	40	1.85	< 10	170	0.09	< 10	0.27	910
6CS-0357	201	202	< 5	1.0	1.00	8	610	< 0.5	< 2	0.84	3.0	14	22	39	1.92	< 10	210	0.09	10	0.37	1570
6CS-0358	201	202	< 5	1.0	0.96	4	410	< 0.5	< 2	1.04	1.5	7	19	59	1.47	< 10	310	0.10	< 10	0.40	385
6CS-0359	201	202	< 5	1.0	1.07	4	430	< 0.5	< 2	1.18	0.5	8	19	70	1.70	< 10	380	0.12	10	0.44	415
6CS-0360	201	202	< 5	0.6	0.83	6	500	< 0.5	< 2	1.47	1.0	7	16	52	1.40	< 10	330	0.09	< 10	0.41	480
6CS-0361B	201	202	< 5	0.2	0.96	4	370	< 0.5	< 2	0.55	< 0.5	6	19	27	1.65	< 10	90	0.09	10	0.43	255
6CS-0361	201	202	< 5	0.8	1.06	8	380	< 0.5	< 2	0.59	1.5	6	25	40	1.80	< 10	160	0.08	10	0.40	290
6CS-0362	201	202	< 5	0.6	1.02	6	450	< 0.5	< 2	0.78	1.5	7	21	42	1.79	< 10	190	0.11	10	0.46	330
6CS-0363	201	202	< 5	0.4	0.93	8	500	< 0.5	< 2	0.68	1.0	7	20	35	1.70	< 10	150	0.11	10	0.41	290
6CS-0364	201	202	< 5	0.4	0.90	8	410	< 0.5	< 2	0.59	1.5	6	20	36	1.44	< 10	160	0.11	10	0.35	200
6CS-0365	201	202	< 5	1.0	0.63	8	500	< 0.5	< 2	1.21	3.5	10	15	62	1.55	< 10	410	0.09	< 10	0.33	940
6CS-0366	201	202	< 5	0.6	0.68	6	480	< 0.5	< 2	0.67	2.0	6	16	47	1.39	< 10	250	0.10	< 10	0.26	350
6CS-0367	201	202	< 5	0.6	0.59	6	460	< 0.5	< 2	0.67	2.0	6	14	46	1.32	< 10	250	0.09	< 10	0.23	350
6CS-0368	201	202	< 5	0.8	0.61	12	720	0.5	< 2	1.56	3.5	9	14	71	1.82	< 10	320	0.10	< 10	0.32	830
6CS-0369	201	202	< 5	0.6	0.91	10	560	< 0.5	< 2	0.75	1.5	8	20	48	1.77	< 10	220	0.13	10	0.37	370
6CS-0370	201	202	< 5	0.6	0.89	8	530	0.5	< 2	0.70	1.5	7	20	50	1.68	< 10	260	0.13	10	0.35	295
6CS-0371	201	202	< 5	0.6	0.93	6	580	0.5	< 2	0.81	2.0	7	22	51	1.71	< 10	300	0.14	10	0.36	295
6CS-0372	201	202	< 5	0.6	0.94	4	630	< 0.5	< 2	0.62	0.5	9	18	41	1.69	< 10	290	0.14	10	0.31	395
6CS-0373	201	202	< 5	0.6	0.88	6	740	< 0.5	< 2	0.79	0.5	9	17	46	1.78	< 10	260	0.13	10	0.31	465
6CS-0374	201	202	< 5	1.0	0.83	10	600	0.5	< 2	1.18	4.0	7	23	67	1.70	< 10	370	0.14	10	0.33	365
6CS-0375	201	202	< 5	1.2	0.87	14	620	0.5	< 2	1.25	4.0	8	25	67	1.75	< 10	380	0.15	10	0.36	415
6CS-0376	201	202	< 5	1.6	0.88	12	540	0.5	< 2	1.32	6.5	9	31	90	1.96	< 10	520	0.15	10	0.35	460
6CS-0377	201	202	< 5	0.8	0.69	10	560	0.5	< 2	0.93	3.5	7	25	57	1.49	< 10	340	0.14	< 10	0.25	330
6CS-0378	201	202	< 5	1.2	0.65	8	620	0.5	< 2	1.32	4.5	7	25	60	1.37	< 10	400	0.11	< 10	0.34	340
15CS-0211	201	202	< 5	2.0	0.40	10	560	0.5	< 2	0.89	2.5	4	19	85	1.30	< 10	740	0.12	< 10	0.14	310
15CS-0212	201	202	< 5	2.8	0.44	14	410	0.5	< 2	1.30	16.0	8	19	158	1.82	< 10	760	0.11	< 10	0.28	470
15CS-0213	201	202	< 5	1.6	0.42	12	420	0.5	< 2	1.19	4.0	7	21	88	1.84	< 10	490	0.11	< 10	0.21	395
15CS-0214	201	202	< 5	2.0	0.72	16	470	0.5	< 2	1.01	4.0	8	36	109	2.30	< 10	400	0.13	10	0.34	440
15CS-0215	201	202	< 5	2.4	0.64	14	500	0.5	< 2	1.28	4.5	8	47	119	2.12	< 10	470	0.15	10	0.39	365
15CS-0216	201	202	< 5	2.6	0.80	14	570	0.5	< 2	1.42	5.5	9	54	129	2.36	< 10	520	0.19	10	0.46	445
15CS-0217	201	202	< 5	2.4	0.72	20	520	0.5	< 2	1.50	14.0	9	47	129	2.46	< 10	540	0.20	10	0.53	415
15CS-0218	201	202	< 5	2.2	0.74	18	500	0.5	< 2	1.43	11.0	9	48	118	2.32	< 10	520	0.21	10	0.52	390

CERTIFICATION:_____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
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To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN:GEORGE NICHOLSON

Certificate Date: 01-OCT-97
Invoice No. :19743843
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9743843

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
3CS-0226	201	202	5	< 0.01	50	1290	8	2	3	76	0.01	< 10	< 10	90	< 10	296
3CS-0227	201	202	21	< 0.01	90	2780	14	6	4	125	< 0.01	< 10	10	322	< 10	636
3CS-0228	201	202	16	< 0.01	83	2710	14	6	4	126	< 0.01	< 10	< 10	263	< 10	546
3CS-0229	201	202	11	< 0.01	64	2870	12	6	3	124	< 0.01	< 10	< 10	168	< 10	386
3CS-0230	201	202	9	< 0.01	85	2120	8	2	4	110	< 0.01	< 10	< 10	165	< 10	706
6CS-0353	201	202	6	< 0.01	39	1730	8	2	3	69	0.01	< 10	< 10	111	< 10	208
6CS-0354	201	202	8	< 0.01	40	1560	8	2	3	67	0.01	< 10	< 10	120	< 10	250
6CS-0355	201	202	7	< 0.01	37	1390	8	4	3	63	0.01	< 10	< 10	103	< 10	248
6CS-0356	201	202	6	< 0.01	36	1840	8	2	3	82	0.01	< 10	< 10	111	< 10	240
6CS-0357	201	202	5	< 0.01	38	1420	6	2	3	76	0.01	< 10	< 10	115	< 10	262
6CS-0358	201	202	2	< 0.01	33	970	6	< 2	4	64	0.01	< 10	< 10	72	< 10	150
6CS-0359	201	202	1	< 0.01	31	930	8	2	4	73	0.01	< 10	< 10	74	< 10	128
6CS-0360	201	202	1	< 0.01	31	830	6	2	3	75	0.01	< 10	< 10	61	< 10	126
6CS-0361B	201	202	1	0.01	25	810	8	< 2	3	46	0.04	< 10	< 10	63	< 10	120
6CS-0361	201	202	3	0.01	33	1150	8	2	3	67	0.04	< 10	< 10	103	< 10	170
6CS-0362	201	202	3	0.01	35	920	6	< 2	4	63	0.03	< 10	< 10	97	< 10	184
6CS-0363	201	202	3	0.01	31	980	6	< 2	3	62	0.03	< 10	< 10	91	< 10	168
6CS-0364	201	202	3	< 0.01	30	920	6	2	3	55	0.03	< 10	< 10	99	< 10	170
6CS-0365	201	202	6	< 0.01	49	1080	8	2	3	96	< 0.01	< 10	< 10	106	< 10	230
6CS-0366	201	202	5	< 0.01	36	1150	8	4	3	80	0.01	< 10	< 10	110	< 10	190
6CS-0367	201	202	5	< 0.01	35	1240	8	2	3	78	< 0.01	< 10	< 10	103	< 10	184
6CS-0368	201	202	7	< 0.01	57	1350	10	6	3	115	< 0.01	< 10	< 10	124	< 10	268
6CS-0369	201	202	4	0.01	38	1050	6	2	3	78	0.02	< 10	< 10	110	< 10	178
6CS-0370	201	202	5	0.01	37	1020	8	< 2	3	78	0.01	< 10	< 10	118	< 10	178
6CS-0371	201	202	4	0.01	38	1050	8	2	3	82	0.01	< 10	< 10	126	< 10	178
6CS-0372	201	202	3	0.01	31	870	8	< 2	4	74	0.01	< 10	< 10	77	< 10	88
6CS-0373	201	202	3	< 0.01	34	1060	8	< 2	3	78	0.01	< 10	< 10	79	< 10	90
6CS-0374	201	202	8	< 0.01	57	1420	10	2	3	99	0.01	< 10	< 10	188	< 10	360
6CS-0375	201	202	7	< 0.01	60	1440	8	2	3	103	0.01	< 10	< 10	203	< 10	344
6CS-0376	201	202	13	< 0.01	81	1560	10	6	4	111	0.01	< 10	< 10	291	< 10	460
6CS-0377	201	202	9	< 0.01	51	1440	8	2	3	102	< 0.01	< 10	< 10	227	< 10	300
6CS-0378	201	202	5	< 0.01	49	1620	8	2	3	119	< 0.01	< 10	< 10	216	< 10	282
15CS-0211	201	202	10	0.01	51	1590	14	2	2	122	< 0.01	< 10	< 10	166	< 10	170
15CS-0212	201	202	15	0.01	115	1620	10	4	3	129	< 0.01	< 10	10	233	< 10	738
15CS-0213	201	202	11	0.01	60	1850	10	2	3	137	< 0.01	< 10	< 10	178	< 10	310
15CS-0214	201	202	11	< 0.01	62	1970	14	2	3	129	< 0.01	< 10	< 10	194	< 10	342
15CS-0215	201	202	10	0.01	67	2600	10	2	3	155	< 0.01	< 10	< 10	257	< 10	398
15CS-0216	201	202	10	< 0.01	78	2560	10	2	4	168	0.01	< 10	< 10	284	< 10	464
15CS-0217	201	202	15	0.01	106	2390	12	2	4	159	< 0.01	< 10	< 10	362	< 10	746
15CS-0218	201	202	14	0.01	101	2330	12	6	4	151	< 0.01	< 10	< 10	350	< 10	716

CERTIFICATION:

Chemex Labs Ltd.

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN:GEORGE NICHOLSON

Certificate Date: 01-OCT-97
Invoice No. :I9743843
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9743843

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
15CS-0219	201	202	< 5	2.0	0.63	16	460	0.5	< 2	1.36	10.0	8	41	121	2.18	< 10	550	0.18	10	0.48	420
15CS-0220	201	202	< 5	2.6	0.57	24	420	0.5	< 2	1.37	10.5	9	45	126	2.24	< 10	650	0.16	10	0.46	390
15CS-0221	201	202	< 5	2.2	0.57	20	420	0.5	< 2	1.43	9.5	8	38	116	2.26	< 10	560	0.16	< 10	0.48	390
15CS-0222	201	202	< 5	2.0	0.51	20	380	0.5	< 2	1.42	7.5	9	31	106	2.21	< 10	520	0.15	< 10	0.46	405
15CS-0223	201	202	< 5	2.0	0.54	16	390	0.5	< 2	1.40	8.0	8	31	101	2.23	< 10	500	0.15	< 10	0.49	365
15CS-0224	201	202	< 5	2.0	0.48	16	430	0.5	< 2	1.31	8.0	8	27	101	2.20	< 10	470	0.14	< 10	0.45	395
15CS-0225	201	202	< 5	2.0	0.49	18	410	0.5	< 2	1.44	8.0	8	28	104	2.45	< 10	440	0.14	< 10	0.47	485
15CS-0226	201	202	< 5	1.8	0.52	20	440	0.5	< 2	1.28	6.5	8	29	100	2.25	< 10	450	0.15	< 10	0.45	410
15CS-0227	201	202	< 5	1.8	0.55	20	450	0.5	< 2	1.33	7.5	8	31	100	2.11	< 10	490	0.15	< 10	0.42	420
2DMM-356	201	202	< 5	0.2	1.24	6	370	< 0.5	< 2	0.99	1.0	6	19	30	1.75	< 10	160	0.11	10	0.42	545
2DMM-357	201	202	< 5	0.2	1.51	8	390	< 0.5	< 2	0.80	0.5	7	24	31	2.13	< 10	140	0.14	10	0.50	470
2DMM-358	201	202	< 5	0.2	1.16	10	500	0.5	< 2	0.21	0.5	22	25	80	3.28	< 10	100	0.11	10	0.21	2040
2DSS-0287	201	202	< 5	< 0.2	1.44	4	720	0.5	< 2	1.62	< 0.5	5	18	18	1.77	< 10	70	0.10	10	0.42	310
2DSS-0288	201	202	< 5	< 0.2	1.82	6	840	0.5	< 2	0.67	0.5	8	21	24	1.96	< 10	140	0.12	10	0.40	480
2DSS-0289	201	202	< 5	0.6	1.54	10	1050	0.5	< 2	2.27	0.5	5	18	52	1.67	< 10	260	0.08	10	0.44	315
2DSS-0290	201	202	< 5	< 0.2	0.91	8	110	< 0.5	< 2	0.10	< 0.5	4	20	20	2.45	< 10	30	0.05	< 10	0.21	370
2DSS-0291	201	202	< 5	< 0.2	1.21	8	190	< 0.5	< 2	0.16	< 0.5	5	22	19	2.53	< 10	30	0.06	10	0.37	200
2DSS-0292	201	202	< 5	0.8	1.08	12	650	0.5	< 2	0.83	0.5	6	27	65	2.10	< 10	330	0.15	10	0.46	225
2DSS-0293	201	202	< 5	0.6	1.21	12	460	0.5	< 2	0.20	0.5	11	25	167	3.21	< 10	90	0.12	< 10	0.28	690
2DSS-0294	201	202	< 5	0.2	1.20	4	440	< 0.5	< 2	1.11	0.5	6	18	47	1.86	< 10	160	0.09	10	0.46	205
2DSS-0295	201	202	< 5	< 0.2	1.47	2	220	< 0.5	< 2	0.10	0.5	5	22	18	2.18	< 10	30	0.06	10	0.30	190
2DSS-0296	201	202	< 5	0.2	1.82	2	710	0.5	< 2	0.78	0.5	7	26	34	2.11	< 10	190	0.10	10	0.62	355
2DSS-0297	201	202	< 5	0.8	1.30	2	610	0.5	< 2	1.12	1.0	6	29	58	2.11	< 10	340	0.19	10	0.58	255
2DSS-0298	201	202	< 5	1.0	0.95	4	650	0.5	< 2	0.94	0.5	5	32	60	1.79	< 10	470	0.15	10	0.43	170
2DSS-0299	201	202	< 5	0.6	1.07	2	520	< 0.5	< 2	1.57	1.0	4	23	45	1.37	< 10	310	0.11	10	0.51	135
2DSS-0341	201	202	< 5	1.0	1.14	42	120	0.5	< 2	0.23	2.0	6	28	78	4.39	< 10	330	0.41	10	0.14	155
2DSS-0342	201	202	< 5	0.8	0.69	2	1080	< 0.5	< 2	1.33	< 0.5	4	10	46	0.96	< 10	370	0.05	< 10	0.33	205
2DSS-0343	201	202	< 5	0.2	1.58	2	620	0.5	< 2	0.34	< 0.5	14	30	52	2.80	< 10	200	0.11	10	0.61	450
2DSS-0344	201	202	not/ss	1.0	1.07	< 2	1490	0.5	< 2	0.81	0.5	19	12	40	1.24	< 10	270	0.08	10	0.31	560
2DSS-0345	201	202	< 5	0.2	1.61	2	550	< 0.5	< 2	0.41	< 0.5	10	27	38	2.78	< 10	180	0.13	10	0.65	360
2DSS-0346	201	202	< 5	< 0.2	0.89	2	210	< 0.5	< 2	0.06	< 0.5	4	19	34	1.61	< 10	50	0.05	10	0.08	155
2DSS-0347	201	202	< 5	0.2	0.78	2	140	< 0.5	< 2	0.08	< 0.5	3	15	19	1.43	< 10	40	0.08	10	0.10	155
2DSS-0348	201	202	< 5	0.6	1.50	2	150	< 0.5	< 2	0.08	< 0.5	4	18	55	2.02	< 10	200	0.05	10	0.29	120
2DSS-0349	201	202	< 5	< 0.2	0.97	4	130	< 0.5	< 2	0.09	< 0.5	4	18	13	1.77	< 10	50	0.05	10	0.21	170
2DSS-0350	201	202	< 5	0.2	1.69	2	130	< 0.5	< 2	0.10	< 0.5	5	26	22	2.57	< 10	60	0.05	10	0.36	195
2DSS-0351	201	202	< 5	< 0.2	0.68	2	110	< 0.5	< 2	0.06	< 0.5	3	13	13	1.22	< 10	40	0.05	< 10	0.13	160
2DSS-0352	201	202	< 5	< 0.2	1.27	4	90	< 0.5	< 2	0.07	< 0.5	4	24	12	2.12	< 10	80	0.04	< 10	0.32	185
2DSS-0353	201	202	< 5	< 0.2	1.29	2	110	< 0.5	< 2	0.07	< 0.5	7	16	43	3.20	< 10	50	0.05	< 10	0.15	280
2DSS-0354	201	202	< 5	< 0.2	1.13	2	90	< 0.5	< 2	0.06	< 0.5	7	19	17	2.68	< 10	50	0.04	< 10	0.22	420
2DSS-0355	201	202	< 5	< 0.2	1.83	2	110	< 0.5	< 2	0.06	< 0.5	11	27	28	3.59	< 10	10	0.05	10	0.37	625

CERTIFICATION:_____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN:GEORGE NICHOLSON

Page Number :3-B
Total Pages :4
Certificate Date: 01-OCT-97
Invoice No. :I9743843
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9743843

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
15CS-0219	201	202	13	0.01	98	2200	14	4	4	141	< 0.01	< 10	< 10	320	< 10	722
15CS-0220	201	202	18	0.01	107	2270	12	6	4	141	< 0.01	< 10	< 10	390	< 10	770
15CS-0221	201	202	17	< 0.01	102	2240	10	4	4	139	< 0.01	< 10	< 10	333	< 10	770
15CS-0222	201	202	15	< 0.01	98	2190	10	2	3	133	< 0.01	< 10	< 10	271	< 10	690
15CS-0223	201	202	14	0.01	93	2240	10	4	3	135	< 0.01	< 10	< 10	269	< 10	688
15CS-0224	201	202	14	< 0.01	92	2120	10	6	3	130	< 0.01	< 10	< 10	245	< 10	676
15CS-0225	201	202	17	0.01	93	2210	12	6	3	139	< 0.01	< 10	< 10	259	< 10	702
15CS-0226	201	202	15	< 0.01	86	2060	10	6	3	129	< 0.01	< 10	< 10	254	< 10	642
15CS-0227	201	202	15	< 0.01	88	2040	10	6	3	124	< 0.01	< 10	< 10	261	< 10	658
2DMM-356	201	202	1	< 0.01	23	1110	6	< 2	1	70	0.01	< 10	< 10	37	< 10	106
2DMM-357	201	202	1	< 0.01	25	1110	8	< 2	1	63	0.02	< 10	< 10	46	< 10	112
2DMM-358	201	202	2	< 0.01	81	750	12	< 2	2	38	0.01	< 10	< 10	50	< 10	202
2DSS-0287	201	202	1	< 0.01	16	770	4	< 2	4	70	< 0.01	< 10	< 10	23	< 10	52
2DSS-0288	201	202	1	0.01	18	940	8	< 2	4	48	0.01	< 10	< 10	33	< 10	62
2DSS-0289	201	202	< 1	0.01	22	1160	6	< 2	3	91	0.01	< 10	< 10	33	< 10	70
2DSS-0290	201	202	< 1	< 0.01	11	500	8	< 2	< 1	10	0.02	< 10	< 10	56	< 10	54
2DSS-0291	201	202	1	< 0.01	14	430	8	< 2	2	15	0.03	< 10	< 10	52	< 10	54
2DSS-0292	201	202	4	0.01	32	1720	12	< 2	4	123	0.01	< 10	< 10	124	< 10	100
2DSS-0293	201	202	8	< 0.01	48	1400	12	< 2	< 1	40	< 0.01	< 10	< 10	88	< 10	344
2DSS-0294	201	202	1	< 0.01	23	980	6	< 2	3	66	0.01	< 10	< 10	32	< 10	102
2DSS-0295	201	202	1	< 0.01	14	260	8	< 2	3	15	0.03	< 10	< 10	53	< 10	52
2DSS-0296	201	202	1	0.01	23	900	6	< 2	5	75	0.01	< 10	< 10	42	< 10	70
2DSS-0297	201	202	3	0.01	30	2010	10	2	4	138	0.01	< 10	< 10	116	< 10	100
2DSS-0298	201	202	5	0.01	34	1600	12	< 2	4	131	< 0.01	< 10	< 10	147	< 10	94
2DSS-0299	201	202	2	0.01	24	1020	8	< 2	3	134	0.01	< 10	< 10	62	< 10	68
2DSS-0341	201	202	13	0.03	35	2020	44	< 2	4	297	< 0.01	< 10	< 10	95	< 10	64
2DSS-0342	201	202	1	< 0.01	20	1180	2	< 2	3	91	0.01	< 10	< 10	17	< 10	30
2DSS-0343	201	202	1	< 0.01	37	710	10	< 2	5	39	0.04	< 10	< 10	43	< 10	124
2DSS-0344	201	202	2	< 0.01	21	870	6	< 2	4	91	0.01	< 10	< 10	18	< 10	56
2DSS-0345	201	202	1	0.01	31	750	6	< 2	5	42	0.06	< 10	< 10	47	< 10	106
2DSS-0346	201	202	2	< 0.01	16	610	8	< 2	< 1	21	0.01	< 10	< 10	59	< 10	48
2DSS-0347	201	202	1	0.02	11	1040	6	< 2	< 1	22	< 0.01	< 10	< 10	54	< 10	54
2DSS-0348	201	202	< 1	< 0.01	16	890	2	< 2	1	14	0.01	< 10	< 10	35	< 10	44
2DSS-0349	201	202	< 1	< 0.01	11	590	6	< 2	< 1	13	0.03	< 10	< 10	44	< 10	42
2DSS-0350	201	202	< 1	< 0.01	18	490	6	< 2	2	14	0.04	< 10	< 10	48	< 10	62
2DSS-0351	201	202	< 1	< 0.01	9	460	8	< 2	< 1	10	0.01	< 10	< 10	34	< 10	36
2DSS-0352	201	202	< 1	< 0.01	12	510	8	< 2	1	10	0.02	< 10	< 10	45	< 10	46
2DSS-0353	201	202	< 1	< 0.01	13	630	8	< 2	1	8	0.01	< 10	< 10	41	< 10	50
2DSS-0354	201	202	1	< 0.01	13	480	8	< 2	1	15	0.03	< 10	< 10	44	< 10	48
2DSS-0355	201	202	3	< 0.01	22	330	10	< 2	3	11	0.05	< 10	< 10	56	< 10	62

CERTIFICATION: Stewart Buchholz

Chemex Labs Ltd.

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN:GEORGE NICHOLSON

Certificate Date: 01-OCT-97
Invoice No. :I9743843
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Account :PHY

CERTIFICATE OF ANALYSIS A9743843

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
4DS-0521	201	202	< 5	0.4	1.55	< 2	1140	0.5	< 2	0.31	3.0	7	24	35	2.46	< 10	70	0.20	10	0.60	475
4DS-0522	201	202	< 5	0.4	1.74	< 2	1060	0.5	< 2	0.78	< 0.5	7	23	22	1.68	< 10	70	0.18	10	0.60	230
4DS-0523	201	202	< 5	0.2	1.91	10	1230	0.5	< 2	0.30	< 0.5	8	26	32	2.86	< 10	100	0.18	10	0.97	220
4DS-0524	201	202	< 5	0.2	1.29	< 2	620	0.5	< 2	0.23	0.5	4	18	18	1.53	< 10	60	0.15	10	0.44	365
4DS-0525	201	202	< 5	0.8	1.10	8	630	< 0.5	< 2	0.06	4.5	6	17	31	1.91	< 10	100	0.08	< 10	0.11	815
4DS-0526	201	202	< 5	0.4	1.09	2	520	< 0.5	< 2	1.23	2.0	4	15	58	1.44	< 10	330	0.11	10	0.52	125
4DS-0527	201	202	< 5	0.4	0.89	< 2	390	< 0.5	< 2	1.65	1.5	4	12	54	1.22	< 10	290	0.09	10	0.46	115
4DS-0528	201	202	< 5	0.6	1.17	2	480	< 0.5	< 2	1.77	1.5	4	16	56	1.50	< 10	250	0.09	10	0.55	80
4DS-0529	201	202	< 5	0.2	0.84	< 2	340	< 0.5	< 2	2.50	4.0	4	13	50	1.17	< 10	220	0.09	< 10	0.61	430
4DS-0530	201	202	< 5	0.2	1.36	2	410	< 0.5	< 2	1.14	2.0	6	20	46	1.85	< 10	180	0.11	10	0.71	180
4DS-0531	201	202	< 5	0.6	1.62	< 2	600	0.5	< 2	1.26	1.5	6	23	58	2.14	< 10	230	0.13	10	0.81	175
4DS-0532	201	202	< 5	0.4	1.64	4	640	0.5	< 2	1.55	0.5	8	21	41	2.02	< 10	250	0.12	10	0.87	375
4DS-0533	201	202	< 5	0.4	1.54	< 2	540	0.5	< 2	1.62	1.5	6	21	47	1.83	< 10	240	0.15	10	0.86	195
4DS-0534	201	202	< 5	0.2	1.78	6	610	0.5	< 2	0.90	1.0	8	26	57	2.57	< 10	210	0.19	10	0.82	380
4DS-0535	201	202	< 5	0.2	1.68	< 2	680	0.5	< 2	1.31	0.5	6	24	45	1.99	< 10	240	0.17	10	0.86	210
4DS-0536	201	202	< 5	0.2	1.79	< 2	600	0.5	< 2	1.16	1.0	7	25	46	2.33	< 10	190	0.19	10	0.95	260
4DS-0537	201	202	< 5	0.2	1.46	< 2	450	0.5	< 2	1.19	2.0	9	21	53	2.33	< 10	210	0.13	10	0.84	350
4DS-0538	201	202	< 5	0.2	1.58	< 2	520	0.5	< 2	0.95	1.5	7	23	43	2.18	< 10	150	0.17	10	0.89	275
4DS-0539	201	202	< 5	0.2	1.74	< 2	830	0.5	< 2	0.82	0.5	9	24	54	2.32	< 10	270	0.20	10	0.96	260
4DS-0540	201	202	< 5	0.2	1.81	6	900	0.5	< 2	0.56	< 0.5	10	24	45	2.40	< 10	200	0.22	10	0.97	200
4DS-0541	201	202	< 5	0.2	1.76	< 2	900	0.5	< 2	0.84	0.5	10	24	54	2.52	< 10	260	0.17	20	0.98	240
4DS-0542	201	202	< 5	0.6	1.78	< 2	910	0.5	< 2	1.15	0.5	10	23	60	2.43	< 10	380	0.16	20	1.00	310
4DS-0543	201	202	< 5	0.4	2.00	< 2	1080	0.5	< 2	1.07	1.0	11	25	66	2.74	< 10	330	0.21	20	1.13	300
4DS-0544	201	202	< 5	0.6	1.71	< 2	1060	0.5	< 2	1.21	0.5	9	21	61	2.17	< 10	430	0.16	20	0.94	210
4DS-0545	201	202	< 5	0.2	1.90	< 2	840	0.5	< 2	0.93	1.0	9	26	54	2.48	< 10	230	0.24	20	1.02	250
4DS-0546	201	202	< 5	0.2	2.07	< 2	930	0.5	< 2	0.88	1.5	10	28	56	2.72	< 10	260	0.27	20	1.12	270
4DS-0547	201	202	< 5	0.2	2.14	< 2	1040	0.5	< 2	0.87	1.0	11	27	60	2.89	< 10	290	0.28	20	1.16	330
4DS-0548	201	202	< 5	< 0.2	2.20	< 2	1070	0.5	< 2	0.57	0.5	12	28	48	2.86	< 10	230	0.31	20	1.14	280
4DS-0549	201	202	< 5	0.2	2.00	6	930	0.5	< 2	0.86	0.5	10	25	54	2.67	< 10	270	0.26	20	1.10	285
4DS-0550	201	202	< 5	0.2	2.02	6	940	0.5	< 2	0.80	0.5	10	26	54	2.65	< 10	230	0.27	20	1.09	290
4DS-0551	201	202	< 5	0.2	2.00	< 2	900	0.5	< 2	0.79	0.5	11	27	50	2.57	< 10	230	0.26	20	1.07	275
4DS-0552	201	202	< 5	0.2	1.76	2	760	0.5	< 2	1.29	< 0.5	8	23	45	2.20	< 10	220	0.20	10	0.91	140
4DS-0553	201	202	< 5	0.2	1.89	2	870	0.5	< 2	0.79	0.5	10	26	52	2.75	< 10	200	0.24	10	1.04	310
4DS-0554	201	202	< 5	0.2	1.71	< 2	800	0.5	< 2	0.93	0.5	10	22	53	2.56	< 10	230	0.18	10	1.00	275
4DS-0555	201	202	< 5	0.2	1.69	< 2	740	0.5	< 2	1.10	0.5	10	23	53	2.42	< 10	320	0.16	20	0.99	250
4DS-0556	201	202	< 5	0.2	1.59	< 2	730	0.5	< 2	0.93	1.0	9	22	50	2.13	< 10	260	0.14	10	0.93	185
4DS-0557	201	202	< 5	0.2	1.59	< 2	770	0.5	< 2	0.86	0.5	10	22	50	2.25	< 10	250	0.15	10	0.93	245
4DS-0558	201	202	< 5	0.2	1.75	< 2	850	0.5	< 2	1.10	0.5	9	24	49	2.42	< 10	410	0.19	10	1.01	275
4DS-0559	201	202	< 5	< 0.2	1.90	< 2	910	0.5	< 2	0.88	0.5	10	25	45	2.51	< 10	230	0.24	10	1.06	250
4DS-0560	201	202	< 5	0.2	2.02	2	950	0.5	< 2	0.99	0.5	10	26	47	2.59	< 10	230	0.27	20	1.09	245

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN:GEORGE NICHOLSON

Certificate Date: 01-OCT-97
Invoice No. :I9743843
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9743843

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
4DS-0521	201	202	3	0.01	22	2120	10	< 2	1	33	< 0.01	< 10	< 10	49	< 10	164
4DS-0522	201	202	1	0.01	15	1460	4	< 2	< 1	59	< 0.01	< 10	< 10	39	< 10	68
4DS-0523	201	202	3	0.01	21	1390	6	< 2	1	27	< 0.01	< 10	< 10	52	< 10	106
4DS-0524	201	202	1	0.01	12	1840	6	< 2	< 1	22	< 0.01	< 10	< 10	37	< 10	100
4DS-0525	201	202	5	0.01	23	2220	10	< 2	< 1	19	< 0.01	< 10	< 10	62	< 10	170
4DS-0526	201	202	3	0.01	28	1310	2	< 2	3	89	< 0.01	< 10	< 10	30	< 10	160
4DS-0527	201	202	3	0.01	29	1280	2	< 2	2	112	< 0.01	< 10	< 10	27	< 10	126
4DS-0528	201	202	3	0.01	27	1500	2	< 2	2	126	< 0.01	< 10	< 10	34	< 10	190
4DS-0529	201	202	3	0.01	23	1310	2	< 2	1	159	< 0.01	< 10	< 10	32	< 10	152
4DS-0530	201	202	2	0.01	27	1140	6	< 2	3	88	0.01	< 10	< 10	39	< 10	140
4DS-0531	201	202	2	0.01	31	1460	6	2	4	101	0.01	< 10	< 10	44	< 10	180
4DS-0532	201	202	1	0.01	26	1180	8	< 2	4	127	< 0.01	< 10	< 10	42	< 10	104
4DS-0533	201	202	2	0.01	25	1210	6	< 2	3	120	0.01	< 10	< 10	39	< 10	140
4DS-0534	201	202	3	0.01	35	1180	6	< 2	5	84	0.01	< 10	< 10	74	< 10	158
4DS-0535	201	202	1	0.01	26	1130	6	< 2	4	105	0.01	< 10	< 10	54	< 10	126
4DS-0536	201	202	2	0.01	29	1150	6	< 2	4	99	0.01	< 10	< 10	57	< 10	144
4DS-0537	201	202	2	0.01	43	1190	6	< 2	4	102	0.01	< 10	< 10	49	< 10	212
4DS-0538	201	202	1	0.01	35	1040	4	< 2	4	84	0.01	< 10	< 10	54	< 10	172
4DS-0539	201	202	2	0.01	30	1070	8	< 2	5	78	0.01	< 10	< 10	49	< 10	124
4DS-0540	201	202	3	0.01	28	1000	6	< 2	4	61	0.01	< 10	< 10	53	< 10	124
4DS-0541	201	202	3	0.01	31	1120	10	< 2	5	78	0.01	< 10	< 10	48	< 10	130
4DS-0542	201	202	3	0.01	29	1150	10	< 2	5	94	0.01	< 10	< 10	43	< 10	120
4DS-0543	201	202	4	0.01	33	1220	12	< 2	6	91	0.01	< 10	< 10	52	< 10	142
4DS-0544	201	202	3	0.01	29	1060	8	< 2	5	104	< 0.01	< 10	< 10	42	< 10	112
4DS-0545	201	202	3	0.01	33	1190	8	< 2	5	83	0.01	< 10	< 10	60	< 10	156
4DS-0546	201	202	2	0.01	35	1170	10	< 2	5	87	0.01	< 10	< 10	63	< 10	156
4DS-0547	201	202	4	0.01	36	1190	10	< 2	5	89	0.01	< 10	< 10	62	< 10	152
4DS-0548	201	202	3	0.01	32	1090	8	< 2	5	67	< 0.01	< 10	< 10	63	< 10	136
4DS-0549	201	202	2	0.01	34	1130	8	< 2	5	87	< 0.01	< 10	< 10	59	< 10	152
4DS-0550	201	202	3	0.01	35	1100	10	< 2	5	84	0.01	< 10	< 10	59	< 10	152
4DS-0551	201	202	2	0.01	33	1060	8	2	5	82	0.01	< 10	< 10	57	< 10	138
4DS-0552	201	202	1	0.01	24	920	6	< 2	5	92	0.01	< 10	< 10	44	< 10	98
4DS-0553	201	202	2	0.01	33	1050	8	< 2	5	83	0.01	< 10	< 10	58	< 10	146
4DS-0554	201	202	3	0.01	33	1050	10	< 2	4	91	< 0.01	< 10	< 10	49	< 10	142
4DS-0555	201	202	2	0.01	31	1110	8	< 2	5	98	0.01	< 10	< 10	45	< 10	136
4DS-0556	201	202	3	0.01	31	1120	6	< 2	5	87	< 0.01	< 10	< 10	43	< 10	136
4DS-0557	201	202	1	0.01	31	1060	8	< 2	5	81	< 0.01	< 10	< 10	43	< 10	128
4DS-0558	201	202	2	0.01	30	1020	2	< 2	5	98	< 0.01	< 10	< 10	46	< 10	128
4DS-0559	201	202	1	0.01	31	1050	8	< 2	5	86	< 0.01	< 10	< 10	51	< 10	136
4DS-0560	201	202	2	0.01	32	1040	8	< 2	5	95	0.01	< 10	< 10	53	< 10	142

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9743852

Comments: ATTN:GEORGE NICHOLSON

CERTIFICATE A9743852

(PHY) - INTERNATIONAL KODIAK RESOURCES INC.

Project:
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 8-OCT-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	314	Dry, sieve to -80 mesh
202	314	save reject
229	314	ICP - AQ Digestion charge
* NOTE	1:	

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

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	312	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2118	314	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	314	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	314	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	314	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	314	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	314	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	314	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	314	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	314	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	314	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	314	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	314	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	314	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	314	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	314	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	314	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	314	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	314	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	314	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	314	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	314	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	314	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	314	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	314	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	314	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	314	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	314	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	314	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	314	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	314	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	314	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	314	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

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To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN:GEORGE NICHOLSON

Certificate Date: 08-OCT-97
Invoice No. :I9743852
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9743852

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
3BSS0209	201	202	< 5	< 0.2	2.03	10	150	< 0.5	< 2	0.26	< 0.5	9	30	13	2.68	< 10	60	0.06	10	0.50	265
4BSS0490	201	202	< 5	1.0	2.42	6	590	0.5	< 2	0.15	1.0	10	38	67	3.18	< 10	140	0.11	10	0.44	425
4BSS0491	201	202	< 5	0.8	1.33	2	980	< 0.5	< 2	0.18	0.5	5	23	46	1.62	< 10	190	0.14	10	0.23	185
4BSS0492	201	202	< 5	0.2	1.49	8	470	0.5	< 2	0.18	0.5	9	26	42	2.16	< 10	140	0.15	10	0.33	655
4BSS0493	201	202	< 5	0.4	2.01	14	580	0.5	< 2	0.36	0.5	12	34	85	3.11	< 10	190	0.22	10	0.53	655
4BSS0494	201	202	< 5	< 0.2	1.11	10	610	< 0.5	< 2	0.17	< 0.5	5	32	30	2.10	< 10	250	0.15	10	0.28	350
4BSS0495	201	202	< 5	0.8	1.31	10	720	< 0.5	< 2	0.27	0.5	9	31	48	2.06	< 10	320	0.12	10	0.31	1020
4BSS0496	201	202	< 5	0.4	1.11	6	580	< 0.5	< 2	0.95	0.5	6	26	68	2.23	< 10	240	0.12	10	0.35	445
4BSS0497	201	202	< 5	0.6	1.11	2	880	0.5	< 2	1.14	1.5	9	20	80	2.19	< 10	300	0.10	10	0.34	1375
4BSS0498	201	202	10	1.2	1.78	14	1130	0.5	< 2	0.36	0.5	10	38	79	2.69	< 10	610	0.14	20	0.35	805
4BSS0499	201	202	10	1.0	1.96	14	1190	0.5	< 2	0.25	1.0	13	45	81	2.97	< 10	550	0.19	10	0.38	1365
4BSS0500	201	202	< 5	0.6	1.80	8	880	0.5	< 2	0.14	< 0.5	8	46	52	2.99	< 10	400	0.18	10	0.38	645
4BS-0501	201	202	< 5	1.0	1.38	10	760	0.5	< 2	0.07	< 0.5	5	42	50	2.25	< 10	270	0.15	10	0.21	265
4BS-0502	201	202	< 5	1.0	1.61	8	750	0.5	< 2	0.76	2.0	10	36	78	2.57	< 10	500	0.17	10	0.46	750
4BS-0503	201	202	10	0.6	1.29	10	600	< 0.5	< 2	0.16	0.5	7	33	44	1.94	< 10	280	0.10	10	0.31	510
4BS-0504	201	202	< 5	0.6	1.10	6	540	0.5	< 2	0.42	0.5	7	28	48	1.86	< 10	300	0.12	10	0.33	465
4BS-0505	201	202	15	0.2	1.29	14	480	0.5	< 2	0.16	0.5	14	27	71	3.10	< 10	260	0.10	10	0.30	1865
4BS-0506	201	202	10	1.0	1.49	16	550	0.5	< 2	0.84	2.0	12	27	82	2.53	< 10	630	0.22	10	0.55	885
4BS-0507	201	202	< 5	0.6	1.09	6	530	< 0.5	< 2	1.50	2.5	9	22	83	1.69	< 10	570	0.13	10	0.49	1120
4BS-0509	201	202	< 5	0.8	1.71	8	680	0.5	< 2	1.10	2.0	10	33	82	2.57	< 10	600	0.24	10	0.59	630
4BS-0510	201	202	< 5	0.8	1.46	4	510	< 0.5	< 2	0.96	2.5	9	24	71	1.89	< 10	750	0.17	10	0.50	580
4BS-0511	201	202	< 5	0.6	1.51	8	540	< 0.5	< 2	0.88	1.5	9	25	60	1.87	< 10	590	0.16	10	0.48	525
4BS-0512	201	202	< 5	0.6	1.41	12	490	0.5	< 2	0.37	0.5	9	28	57	2.45	< 10	240	0.16	10	0.38	690
4BS-0513	201	202	10	0.4	1.43	16	560	0.5	< 2	0.31	0.5	11	28	71	2.84	< 10	220	0.20	10	0.37	1205
4BS-0514	201	202	5	0.4	1.39	14	570	0.5	< 2	0.54	0.5	11	27	63	2.61	< 10	230	0.17	10	0.38	1000
4BS-0515	201	202	< 5	0.6	1.62	18	590	0.5	< 2	0.36	0.5	11	30	62	2.85	< 10	240	0.17	10	0.34	1310
4BS-0516	201	202	10	0.6	1.62	16	610	0.5	< 2	0.61	1.5	14	29	64	2.85	< 10	320	0.18	10	0.42	2150
4BS-0517	201	202	< 5	0.2	1.41	10	600	0.5	< 2	0.42	1.5	12	26	57	2.61	< 10	260	0.17	10	0.36	1670
4BS-0518	201	202	15	0.2	1.29	14	510	0.5	< 2	0.32	0.5	11	26	53	2.65	< 10	230	0.15	10	0.32	1325
4BS-0519	201	202	5	0.2	1.32	10	410	< 0.5	< 2	0.38	0.5	10	23	48	2.45	< 10	180	0.12	10	0.37	1185
4BS-0520	201	202	< 5	< 0.2	1.08	10	420	< 0.5	< 2	0.30	1.0	9	22	39	2.23	< 10	90	0.11	< 10	0.33	985
8BS-0285	201	202	< 5	< 0.2	1.36	6	150	< 0.5	< 2	0.10	< 0.5	4	21	36	1.66	< 10	330	0.06	10	0.28	70
8BS-0286	201	202	< 5	0.4	1.29	12	210	< 0.5	< 2	0.12	< 0.5	4	20	16	1.75	< 10	240	0.05	10	0.26	80
8BS-0287	201	202	10	0.8	1.14	14	230	< 0.5	< 2	0.12	< 0.5	4	22	13	1.85	< 10	410	0.07	10	0.24	215
8BS-0288	201	202	< 5	0.6	1.27	10	270	< 0.5	< 2	0.13	< 0.5	4	23	18	1.62	< 10	410	0.06	10	0.26	95
8BS-0289	201	202	< 5	0.6	1.33	6	300	< 0.5	< 2	0.15	< 0.5	5	25	17	1.64	< 10	300	0.08	10	0.28	235
8BS-0290	201	202	< 5	0.6	1.32	10	410	< 0.5	< 2	0.22	< 0.5	10	29	21	2.13	< 10	300	0.07	10	0.31	435
8BS-0291	201	202	< 5	0.6	1.34	2	380	< 0.5	< 2	0.25	< 0.5	6	25	19	1.46	< 10	280	0.08	10	0.34	200
8BS-0292	201	202	5	0.6	1.44	< 2	370	< 0.5	< 2	0.28	< 0.5	4	24	31	1.31	< 10	310	0.14	10	0.45	75
8BS-0293	201	202	< 5	0.4	1.19	6	350	< 0.5	< 2	0.23	< 0.5	8	21	21	1.62	< 10	240	0.06	10	0.31	335

CERTIFICATION:

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CERTIFICATE OF ANALYSIS A9743852

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
3BSS0209	201	202	< 1	< 0.01	19	800	10	< 2	3	21	0.07	< 10	< 10	50	< 10	62
4BSS0490	201	202	6	< 0.01	33	1110	14	< 2	2	47	0.03	< 10	< 10	100	< 10	172
4BSS0491	201	202	3	0.01	24	1720	10	< 2	< 1	36	< 0.01	< 10	< 10	47	< 10	62
4BSS0492	201	202	3	0.01	22	1650	10	< 2	< 1	25	< 0.01	< 10	< 10	59	< 10	90
4BSS0493	201	202	5	< 0.01	35	2000	12	2	1	61	0.01	< 10	< 10	95	< 10	178
4BSS0494	201	202	3	< 0.01	19	700	12	< 2	1	38	0.03	< 10	< 10	68	< 10	58
4BSS0495	201	202	4	< 0.01	26	1070	12	< 2	1	47	0.01	< 10	< 10	67	< 10	82
4BSS0496	201	202	3	< 0.01	30	1680	10	4	< 1	60	< 0.01	< 10	< 10	53	< 10	96
4BSS0497	201	202	2	< 0.01	43	1590	12	2	1	67	< 0.01	< 10	< 10	39	< 10	102
4BSS0498	201	202	4	< 0.01	47	1350	16	< 2	3	61	0.01	< 10	< 10	78	< 10	146
4BSS0499	201	202	4	< 0.01	46	1500	16	< 2	3	64	0.02	< 10	< 10	98	< 10	146
4BSS0500	201	202	4	< 0.01	26	960	20	< 2	3	54	0.03	< 10	< 10	96	< 10	74
4BS-0501	201	202	4	< 0.01	18	1190	18	2	2	45	0.01	< 10	< 10	96	< 10	42
4BS-0502	201	202	3	0.01	46	1610	12	< 2	1	65	0.02	< 10	< 10	71	< 10	172
4BS-0503	201	202	3	< 0.01	22	910	12	< 2	1	37	0.01	< 10	< 10	66	< 10	70
4BS-0504	201	202	3	< 0.01	28	1080	10	< 2	1	50	0.01	< 10	< 10	59	< 10	88
4BS-0505	201	202	2	< 0.01	50	830	12	< 2	4	33	0.03	< 10	< 10	52	< 10	158
4BS-0506	201	202	2	0.01	50	1580	14	< 2	2	87	0.01	< 10	< 10	57	< 10	200
4BS-0507	201	202	1	0.01	38	1480	12	< 2	1	101	< 0.01	< 10	< 10	42	< 10	122
4BS-0509	201	202	1	0.01	51	1550	12	< 2	2	101	0.02	< 10	< 10	69	< 10	200
4BS-0510	201	202	1	0.01	41	1440	10	< 2	1	88	0.01	< 10	< 10	49	< 10	132
4BS-0511	201	202	< 1	0.01	35	1310	10	4	1	83	0.01	< 10	< 10	51	< 10	126
4BS-0512	201	202	2	< 0.01	34	1170	12	< 2	2	58	0.01	< 10	< 10	67	< 10	126
4BS-0513	201	202	3	< 0.01	40	1300	12	< 2	3	62	0.01	< 10	< 10	73	< 10	150
4BS-0514	201	202	4	< 0.01	38	1270	14	< 2	2	69	0.01	< 10	< 10	66	< 10	118
4BS-0515	201	202	4	< 0.01	38	1290	16	< 2	1	55	0.02	< 10	< 10	74	< 10	116
4BS-0516	201	202	4	< 0.01	55	1240	14	2	3	70	0.02	< 10	< 10	71	< 10	154
4BS-0517	201	202	1	< 0.01	48	1190	12	< 2	2	58	0.01	< 10	< 10	64	< 10	132
4BS-0518	201	202	3	< 0.01	32	1060	12	< 2	1	50	0.01	< 10	< 10	67	< 10	102
4BS-0519	201	202	1	< 0.01	36	980	12	2	3	47	0.03	< 10	< 10	52	< 10	110
4BS-0520	201	202	3	< 0.01	25	840	14	< 2	1	42	0.01	< 10	< 10	59	< 10	102
8BS-0285	201	202	< 1	< 0.01	13	570	12	< 2	1	14	0.03	< 10	< 10	39	< 10	58
8BS-0286	201	202	< 1	< 0.01	13	710	8	< 2	1	22	0.02	< 10	< 10	48	< 10	56
8BS-0287	201	202	2	< 0.01	12	790	10	< 2	1	24	0.02	< 10	< 10	85	< 10	38
8BS-0288	201	202	1	< 0.01	13	740	10	< 2	1	23	0.02	< 10	< 10	55	< 10	42
8BS-0289	201	202	< 1	< 0.01	14	630	10	2	1	26	0.03	< 10	< 10	67	< 10	46
8BS-0290	201	202	1	< 0.01	17	650	10	< 2	2	36	0.03	< 10	< 10	94	< 10	48
8BS-0291	201	202	1	< 0.01	15	740	10	< 2	1	32	0.03	< 10	< 10	54	< 10	46
8BS-0292	201	202	< 1	< 0.01	16	850	8	< 2	3	29	0.03	< 10	< 10	43	< 10	66
8BS-0293	201	202	1	< 0.01	15	630	8	< 2	1	27	0.02	< 10	< 10	56	< 10	46

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN:GEORGE NICHOLSON

Certificate Date: 08-OCT-97
Invoice No. : I9743852
P.O. Number :
Account : PHY

CERTIFICATE OF ANALYSIS A9743852

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
8BS-0294	201	202	< 5	0.2	1.31	2	410	< 0.5	< 2	0.23	< 0.5	5	23	16	1.40	< 10	220	0.09	10	0.34	180
8BS-0295	201	202	< 5	0.2	1.26	2	330	< 0.5	< 2	0.19	< 0.5	5	20	16	1.58	< 10	210	0.08	10	0.30	110
8BS-0296	201	202	< 5	0.2	1.17	10	320	< 0.5	< 2	0.21	< 0.5	4	20	17	1.49	< 10	230	0.07	10	0.30	145
8BS-0297	201	202	35	0.4	1.12	6	300	< 0.5	< 2	0.17	< 0.5	4	18	17	1.35	< 10	270	0.05	< 10	0.26	90
8BS-0298	201	202	< 5	0.2	0.99	2	210	< 0.5	< 2	0.13	< 0.5	6	16	12	1.52	< 10	230	0.05	< 10	0.26	270
8BS-0299	201	202	< 5	0.2	1.15	16	370	< 0.5	< 2	0.43	1.0	8	21	28	1.74	< 10	150	0.07	10	0.46	290
8BS-0300	201	202	< 5	0.2	1.32	2	420	< 0.5	< 2	0.50	0.5	8	21	29	1.63	< 10	180	0.12	10	0.48	280
8BS-0301	201	202	< 5	0.2	1.33	12	420	< 0.5	< 2	0.33	< 0.5	9	22	19	1.69	< 10	180	0.10	10	0.41	465
8BS-0302	201	202	10	0.2	1.43	6	470	< 0.5	< 2	0.63	0.5	7	24	39	1.71	< 10	230	0.14	10	0.53	275
8BS-0303	201	202	5	0.2	1.35	4	440	< 0.5	< 2	0.50	0.5	8	22	29	1.53	< 10	200	0.16	10	0.48	290
8BS-0304	201	202	< 5	0.2	1.66	14	590	0.5	< 2	0.70	0.5	10	27	29	2.12	< 10	200	0.21	10	0.68	555
8BS-0305	201	202	< 5	< 0.2	1.20	6	220	< 0.5	< 2	0.31	< 0.5	6	21	14	1.66	< 10	70	0.06	10	0.39	195
8BS-0306	201	202	< 5	< 0.2	1.39	10	380	< 0.5	< 2	0.41	0.5	8	23	20	1.87	< 10	90	0.11	10	0.60	300
8BS-0307	201	202	< 5	< 0.2	1.89	6	650	0.5	< 2	0.77	0.5	9	29	28	2.00	< 10	170	0.24	10	1.13	245
8BS-0308	201	202	10	< 0.2	1.61	10	550	< 0.5	< 2	0.82	0.5	8	25	27	1.85	< 10	160	0.17	10	0.89	285
8BS-0309	201	202	< 5	< 0.2	1.74	10	430	< 0.5	< 2	0.32	< 0.5	11	29	18	2.43	< 10	70	0.07	10	0.49	615
8BS-0310	201	202	< 5	0.2	1.43	10	450	< 0.5	< 2	0.60	< 0.5	8	23	23	1.78	< 10	150	0.11	10	0.57	305
8BS-0311	201	202	10	< 0.2	1.27	8	380	< 0.5	< 2	0.39	< 0.5	7	23	18	1.86	< 10	70	0.09	10	0.48	315
8BS-0312	201	202	5	< 0.2	1.41	10	430	< 0.5	< 2	0.38	< 0.5	9	25	22	1.99	< 10	140	0.10	10	0.46	610
8BS-0313	201	202	< 5	< 0.2	1.31	4	380	< 0.5	< 2	0.34	< 0.5	9	23	19	1.84	< 10	130	0.09	10	0.41	515
8BS-0314	201	202	15	< 0.2	1.22	8	410	< 0.5	< 2	0.33	< 0.5	9	22	21	1.84	< 10	150	0.10	10	0.39	635
8BS-0315	201	202	5	< 0.2	1.55	8	390	< 0.5	< 2	0.31	< 0.5	8	27	19	2.05	< 10	100	0.07	10	0.45	365
8BS-0316	201	202	10	0.2	1.55	4	540	< 0.5	< 2	1.12	< 0.5	6	23	29	1.66	< 10	140	0.11	10	0.65	125
8BS-0317	201	202	5	< 0.2	1.40	2	430	< 0.5	< 2	0.63	< 0.5	9	22	22	1.76	< 10	140	0.11	10	0.60	380
8BS-0318	201	202	< 5	< 0.2	1.26	6	310	< 0.5	< 2	0.57	< 0.5	7	20	16	1.67	< 10	90	0.10	10	0.48	230
8BS-0319	201	202	15	< 0.2	1.59	4	450	0.5	< 2	0.92	0.5	9	25	34	1.82	< 10	160	0.17	10	0.96	185
8BS-0320	201	202	15	< 0.2	1.68	8	520	< 0.5	< 2	0.53	< 0.5	9	26	19	1.92	< 10	100	0.20	10	0.82	270
8BS-0321	201	202	5	0.2	1.58	6	560	< 0.5	< 2	0.94	0.5	6	23	20	1.81	< 10	220	0.17	10	0.70	150
8BS-0322	201	202	10	< 0.2	1.67	6	520	< 0.5	< 2	0.83	0.5	9	25	24	1.92	< 10	150	0.18	10	0.80	360
8BS-0323	201	202	< 5	< 0.2	1.42	8	420	< 0.5	< 2	0.48	< 0.5	6	23	19	1.83	< 10	110	0.13	10	0.59	165
8BS-0324	201	202	10	< 0.2	1.44	< 2	440	< 0.5	< 2	0.58	< 0.5	7	22	18	1.67	< 10	130	0.15	10	0.68	300
8BS-0325	201	202	< 5	< 0.2	1.27	4	270	< 0.5	< 2	0.35	< 0.5	8	20	11	1.58	< 10	50	0.05	10	0.40	140
8BS-0326	201	202	< 5	< 0.2	1.61	8	470	< 0.5	< 2	0.43	< 0.5	8	24	16	1.86	< 10	80	0.19	10	0.84	220
8BS-0327	201	202	< 5	0.2	1.45	< 2	490	< 0.5	< 2	0.77	0.5	8	22	23	1.71	< 10	130	0.14	10	0.71	325
8BS-0328	201	202	< 5	< 0.2	1.33	2	400	< 0.5	< 2	0.54	< 0.5	8	21	18	1.69	< 10	100	0.11	10	0.67	265
8BS-0329	201	202	< 5	< 0.2	1.20	8	400	< 0.5	< 2	0.09	< 0.5	8	21	44	2.50	< 10	130	0.10	< 10	0.28	825
8BS-0330	201	202	< 5	0.2	1.40	12	470	0.5	< 2	0.10	< 0.5	8	24	44	2.82	< 10	160	0.09	10	0.30	490
8BS-0331	201	202	< 5	0.4	1.37	14	570	< 0.5	< 2	0.12	0.5	8	22	42	2.22	< 10	190	0.11	10	0.32	485
8BS-0332	201	202	15	0.8	2.24	12	1010	0.5	< 2	0.17	< 0.5	11	44	65	3.21	< 10	460	0.15	10	0.42	855
8BS-0333	201	202	10	0.4	1.71	12	700	0.5	< 2	0.15	< 0.5	9	30	42	2.61	< 10	210	0.12	10	0.39	550

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To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN:GEORGE NICHOLSON

Certificate Date: 08-OCT-97
Invoice No. : I9743852
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Account :PHY

CERTIFICATE OF ANALYSIS A9743852

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
8BS-0294	201	202	1	< 0.01	14	550	8	2	1	27	0.02	< 10	< 10	56	< 10	54
8BS-0295	201	202	2	< 0.01	12	710	8	< 2	1	23	0.03	< 10	< 10	44	< 10	38
8BS-0296	201	202	< 1	< 0.01	12	730	10	< 2	1	23	0.02	< 10	< 10	38	< 10	42
8BS-0297	201	202	1	< 0.01	12	750	12	< 2	1	20	0.01	< 10	< 10	33	< 10	36
8BS-0298	201	202	< 1	< 0.01	10	610	8	< 2	1	17	0.01	< 10	< 10	36	< 10	38
8BS-0299	201	202	< 1	< 0.01	22	810	8	< 2	3	34	0.03	< 10	< 10	51	< 10	116
8BS-0300	201	202	< 1	< 0.01	20	950	8	< 2	3	42	0.03	< 10	< 10	47	< 10	94
8BS-0301	201	202	< 1	< 0.01	18	600	8	2	3	30	0.03	< 10	< 10	57	< 10	72
8BS-0302	201	202	< 1	0.01	21	890	8	< 2	4	47	0.04	< 10	< 10	50	< 10	92
8BS-0303	201	202	< 1	< 0.01	19	920	6	< 2	3	40	0.04	< 10	< 10	52	< 10	86
8BS-0304	201	202	< 1	< 0.01	22	870	8	< 2	3	50	0.03	< 10	< 10	73	< 10	96
8BS-0305	201	202	< 1	< 0.01	14	630	6	< 2	3	22	0.06	< 10	< 10	42	< 10	52
8BS-0306	201	202	< 1	< 0.01	17	680	8	< 2	3	30	0.05	< 10	< 10	46	< 10	72
8BS-0307	201	202	< 1	0.01	21	760	8	< 2	4	48	0.03	< 10	< 10	54	< 10	90
8BS-0308	201	202	< 1	< 0.01	19	740	8	2	4	48	0.03	< 10	< 10	49	< 10	80
8BS-0309	201	202	< 1	< 0.01	18	630	10	< 2	4	24	0.06	< 10	< 10	61	< 10	72
8BS-0310	201	202	< 1	< 0.01	19	660	8	< 2	3	40	0.04	< 10	< 10	49	< 10	66
8BS-0311	201	202	< 1	< 0.01	18	710	10	< 2	3	31	0.05	< 10	< 10	53	< 10	76
8BS-0312	201	202	< 1	< 0.01	20	680	12	< 2	3	34	0.04	< 10	< 10	64	< 10	84
8BS-0313	201	202	< 1	< 0.01	18	630	12	2	3	31	0.04	< 10	< 10	59	< 10	72
8BS-0314	201	202	< 1	< 0.01	18	640	6	< 2	3	33	0.03	< 10	< 10	62	< 10	72
8BS-0315	201	202	< 1	< 0.01	19	550	10	2	3	28	0.05	< 10	< 10	60	< 10	80
8BS-0316	201	202	< 1	< 0.01	17	830	6	< 2	3	55	0.03	< 10	< 10	41	< 10	66
8BS-0317	201	202	< 1	< 0.01	19	650	6	< 2	3	41	0.03	< 10	< 10	51	< 10	78
8BS-0318	201	202	< 1	< 0.01	16	660	12	< 2	3	37	0.04	< 10	< 10	47	< 10	70
8BS-0319	201	202	< 1	0.01	20	740	6	< 2	4	50	0.03	< 10	< 10	45	< 10	84
8BS-0320	201	202	< 1	< 0.01	19	720	10	6	3	40	0.03	< 10	< 10	55	< 10	84
8BS-0321	201	202	< 1	0.01	16	710	6	< 2	3	52	0.02	< 10	< 10	44	< 10	70
8BS-0322	201	202	< 1	0.01	20	730	6	< 2	3	49	0.04	< 10	< 10	54	< 10	82
8BS-0323	201	202	< 1	< 0.01	16	630	6	< 2	3	40	0.04	< 10	< 10	52	< 10	70
8BS-0324	201	202	< 1	< 0.01	17	640	6	< 2	3	39	0.03	< 10	< 10	48	< 10	72
8BS-0325	201	202	< 1	< 0.01	14	730	8	< 2	3	23	0.05	< 10	< 10	36	< 10	60
8BS-0326	201	202	< 1	< 0.01	18	690	8	< 2	3	35	0.03	< 10	< 10	51	< 10	84
8BS-0327	201	202	< 1	< 0.01	16	660	6	2	3	46	0.03	< 10	< 10	45	< 10	72
8BS-0328	201	202	< 1	< 0.01	17	660	8	< 2	3	37	0.03	< 10	< 10	42	< 10	72
8BS-0329	201	202	2	< 0.01	23	1020	12	2	< 1	28	0.01	< 10	< 10	52	< 10	92
8BS-0330	201	202	3	< 0.01	24	1290	16	< 2	< 1	38	0.01	< 10	< 10	53	< 10	74
8BS-0331	201	202	3	< 0.01	22	1350	12	4	< 1	33	< 0.01	< 10	< 10	49	< 10	76
8BS-0332	201	202	3	< 0.01	31	1490	20	< 2	1	49	0.01	< 10	< 10	79	< 10	98
8BS-0333	201	202	1	< 0.01	25	1220	12	< 2	1	37	0.01	< 10	< 10	65	< 10	86

CERTIFICATION: _____

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CERTIFICATE OF ANALYSIS A9743852

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
8BS-0334	201	202	< 5	0.2	1.43	4	420	< 0.5	< 2	0.07	< 0.5	12	28	56	2.93	< 10	110	0.14	10	0.27	1250
8BS-0335	201	202	20	1.0	1.85	14	1180	0.5	< 2	0.31	1.0	12	34	106	3.58	< 10	500	0.31	10	0.62	730
8BS-0336	201	202	40	1.4	1.68	2	940	0.5	< 2	0.82	1.0	9	39	88	2.48	< 10	960	0.25	10	0.50	520
8BS-0337	201	202	50	1.6	1.96	4	270	0.5	< 2	1.03	1.5	7	47	100	2.28	< 10	1220	0.33	10	0.50	460
8BS-0338	201	202	55	1.8	1.85	4	1000	0.5	< 2	0.86	3.0	18	38	144	2.79	< 10	1330	0.30	10	0.54	2480
8BS-0339	201	202	40	0.8	1.87	2	770	0.5	< 2	0.46	0.5	12	38	84	2.68	< 10	660	0.24	10	0.55	760
8BS-0340	201	202	50	2.0	2.18	2	880	0.5	< 2	0.87	4.0	17	46	137	2.77	< 10	1670	0.35	10	0.55	2150
8BS-0341	201	202	40	1.2	1.55	2	840	0.5	< 2	0.72	3.5	14	33	87	2.63	< 10	760	0.23	10	0.47	2130
8BS-0342	201	202	30	1.4	1.72	< 2	850	0.5	< 2	0.72	3.0	14	36	100	2.63	< 10	1000	0.24	10	0.49	1805
8BS-0343	201	202	25	1.2	1.60	2	830	0.5	< 2	0.73	2.5	14	32	90	2.78	< 10	710	0.23	10	0.50	1655
8BS-0344	201	202	15	0.8	1.40	2	650	0.5	< 2	0.55	1.0	12	28	73	2.45	< 10	490	0.17	10	0.49	930
8BS-0345	201	202	20	1.2	1.65	2	800	0.5	< 2	0.70	2.5	12	34	82	2.38	< 10	850	0.25	10	0.46	1625
8BS-0346	201	202	15	0.8	1.59	6	750	0.5	< 2	0.48	1.5	11	32	70	2.60	< 10	560	0.20	10	0.42	1780
8BS-0347	201	202	< 5	0.6	1.46	2	590	0.5	< 2	0.34	< 0.5	9	32	61	2.62	< 10	380	0.18	10	0.43	525
8BS-0348	201	202	20	1.0	1.83	2	820	0.5	< 2	0.75	2.0	10	39	79	2.49	< 10	750	0.26	10	0.50	1045
8BS-0349	201	202	15	1.0	1.84	1	890	0.5	< 2	0.66	2.5	11	38	81	2.74	< 10	750	0.28	10	0.52	1350
8BS-0350	201	202	15	1.0	1.63	1	700	0.5	< 2	0.91	2.5	10	34	75	2.28	< 10	700	0.24	10	0.49	1450
8BS-0351	201	202	20	0.6	1.39	2	690	0.5	< 2	0.55	0.5	9	30	59	2.60	< 10	380	0.19	10	0.44	795
8BS-0352	201	202	20	1.0	1.83	2	950	0.5	< 2	0.81	2.5	12	37	85	2.85	< 10	700	0.25	10	0.51	1880
8BS-0353	201	202	10	0.8	1.88	2	980	0.5	< 2	0.95	2.0	11	37	79	2.83	< 10	570	0.25	10	0.53	1520
8BS-0354	201	202	< 5	0.2	1.42	2	570	< 0.5	< 2	0.62	1.0	10	28	36	2.26	< 10	270	0.11	10	0.45	1270
9BSS-0391	201	202	< 5	0.2	1.66	< 2	750	0.5	< 2	0.68	0.5	9	25	43	2.75	< 10	150	0.15	10	0.51	560
9BSS-0392	201	202	< 5	0.4	1.68	2	870	0.5	< 2	0.56	< 0.5	8	24	48	2.81	< 10	220	0.13	10	0.45	605
9BSS-0393	201	202	< 5	0.2	1.40	4	460	0.5	< 2	1.02	0.5	10	21	53	2.84	< 10	150	0.14	10	0.49	795
9BS-0394	201	202	< 5	< 0.2	1.73	4	360	0.5	< 2	0.83	0.5	8	25	32	2.68	< 10	90	0.13	20	0.72	415
9BS-0395	201	202	< 5	< 0.2	1.68	2	530	0.5	< 2	0.98	0.5	10	24	42	2.79	< 10	110	0.17	10	0.65	760
9BS-0396	201	202	< 5	< 0.2	1.74	2	510	0.5	< 2	0.92	0.5	15	26	40	2.72	< 10	110	0.21	10	0.80	1725
9BS-0397	201	202	< 5	0.2	1.89	< 2	550	0.5	< 2	1.19	1.0	13	28	43	2.89	< 10	150	0.22	10	0.82	1400
9BS-0398	201	202	< 5	< 0.2	1.80	< 2	370	0.5	< 2	1.90	0.5	8	25	29	1.97	< 10	120	0.19	10	1.01	370
9BS-0399	201	202	< 5	< 0.2	1.85	2	540	0.5	< 2	1.01	0.5	12	27	38	2.72	< 10	120	0.23	10	0.82	1070
9BS-0400	201	202	< 5	< 0.2	1.95	< 2	540	0.5	< 2	0.74	0.5	12	28	38	2.71	< 10	110	0.26	10	0.84	920
9BS-0401	201	202	< 5	< 0.2	1.69	2	620	0.5	< 2	0.87	2.0	13	24	37	2.80	< 10	90	0.17	10	0.87	3850
9BS-0402	201	202	< 5	< 0.2	1.71	2	450	0.5	< 2	0.90	0.5	11	24	33	2.64	< 10	100	0.18	10	0.85	755
9BS-0403	201	202	< 5	< 0.2	1.21	4	510	< 0.5	< 2	0.61	0.5	9	26	27	2.36	< 10	330	0.12	20	0.55	315
9BS-0404	201	202	< 5	< 0.2	1.28	4	560	< 0.5	< 2	0.66	< 0.5	8	28	24	2.42	< 10	40	0.14	30	0.58	270
9BS-0405	201	202	< 5	< 0.2	1.81	2	490	0.5	< 2	0.88	< 0.5	8	28	28	2.47	< 10	120	0.21	20	0.86	335
9BS-0406	201	202	< 5	< 0.2	1.98	6	450	0.5	< 2	0.88	0.5	12	31	36	3.04	< 10	110	0.21	10	0.97	455
9BS-0407	201	202	< 5	< 0.2	1.73	2	520	0.5	< 2	0.78	< 0.5	10	26	29	2.66	< 10	90	0.18	10	0.83	385
9BS-0408	201	202	< 5	< 0.2	1.73	< 2	490	0.5	< 2	0.92	< 0.5	10	26	36	2.83	< 10	120	0.19	10	0.86	455
9BS-0409	201	202	< 5	< 0.2	1.36	2	300	< 0.5	< 2	0.52	< 0.5	8	23	24	2.34	< 10	70	0.11	10	0.56	285

CERTIFICATION: _____

Chemex Labs Ltd.

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN:GEORGE NICHOLSON

Certificate Date: 08-OCT-97
Invoice No. : I9743852
P.O. Number :
Account : PHY

CERTIFICATE OF ANALYSIS A9743852

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
8BS-0334	201	202	2	< 0.01	28	1020	14	2	1	38	0.01	< 10	< 10	61	< 10	78
8BS-0335	201	202	7	< 0.01	42	1450	20	< 2	4	82	< 0.01	< 10	< 10	87	< 10	144
8BS-0336	201	202	4	< 0.01	58	1480	22	2	2	96	< 0.01	< 10	< 10	84	< 10	142
8BS-0337	201	202	2	0.01	72	1600	20	< 2	1	105	< 0.01	< 10	< 10	96	< 10	132
8BS-0338	201	202	6	0.01	92	2070	22	2	4	118	< 0.01	< 10	< 10	91	< 10	228
8BS-0339	201	202	7	0.01	50	1580	18	< 2	2	73	0.01	< 10	< 10	94	< 10	144
8BS-0340	201	202	5	0.01	94	1890	22	2	3	114	0.01	< 10	< 10	102	< 10	248
8BS-0341	201	202	6	0.01	96	1660	16	2	2	86	0.01	< 10	< 10	76	< 10	202
8BS-0342	201	202	5	0.01	97	1690	18	2	2	91	0.01	< 10	< 10	80	< 10	196
8BS-0343	201	202	4	0.01	80	1770	18	2	3	88	0.01	< 10	< 10	78	< 10	204
8BS-0344	201	202	3	< 0.01	48	1520	14	< 2	2	73	0.01	< 10	< 10	65	< 10	154
8BS-0345	201	202	4	0.01	87	1600	14	< 2	2	81	0.01	< 10	< 10	74	< 10	180
8BS-0346	201	202	4	0.01	65	1380	16	2	1	63	0.01	< 10	< 10	75	< 10	134
8BS-0347	201	202	4	< 0.01	34	1080	14	< 2	3	54	0.02	< 10	< 10	75	< 10	100
8BS-0348	201	202	2	0.01	65	1500	22	< 2	2	81	0.01	< 10	< 10	82	< 10	154
8BS-0349	201	202	3	0.01	70	1590	16	< 2	3	81	0.01	< 10	< 10	85	< 10	180
8BS-0350	201	202	3	0.01	73	1510	16	< 2	1	86	0.01	< 10	< 10	73	< 10	156
8BS-0351	201	202	3	< 0.01	45	1280	16	< 2	2	66	0.01	< 10	< 10	71	< 10	118
8BS-0352	201	202	4	0.01	91	1600	16	< 2	2	94	0.01	< 10	< 10	86	< 10	198
8BS-0353	201	202	3	0.01	73	1510	18	2	1	100	0.01	< 10	< 10	87	< 10	172
8BS-0354	201	202	3	< 0.01	47	1140	8	< 2	2	59	0.03	< 10	< 10	51	< 10	144
9BSS-0391	201	202	2	< 0.01	25	1160	8	2	3	68	0.01	< 10	< 10	44	< 10	110
9BSS-0392	201	202	4	0.01	23	1280	14	< 2	3	69	0.01	< 10	< 10	42	< 10	90
9BSS-0393	201	202	5	< 0.01	26	1480	14	2	3	92	0.01	< 10	< 10	37	< 10	112
9BS-0394	201	202	1	< 0.01	23	820	12	< 2	4	66	0.01	< 10	< 10	41	< 10	78
9BS-0395	201	202	1	0.01	26	1460	12	< 2	4	92	0.01	< 10	< 10	39	< 10	110
9BS-0396	201	202	1	0.01	42	1000	8	< 2	4	77	0.03	< 10	< 10	47	< 10	132
9BS-0397	201	202	1	0.01	37	1180	10	< 2	5	100	0.03	< 10	< 10	49	< 10	134
9BS-0398	201	202	< 1	< 0.01	20	730	8	< 2	4	145	0.02	< 10	< 10	36	< 10	70
9BS-0399	201	202	< 1	< 0.01	31	1150	8	< 2	4	91	0.02	< 10	< 10	46	< 10	118
9BS-0400	201	202	< 1	0.01	31	1000	6	< 2	4	72	0.02	< 10	< 10	48	< 10	116
9BS-0401	201	202	4	< 0.01	39	1000	10	< 2	4	88	0.01	< 10	< 10	40	< 10	138
9BS-0402	201	202	< 1	< 0.01	28	1000	10	< 2	4	88	0.01	< 10	< 10	40	< 10	112
9BS-0403	201	202	< 1	0.01	22	940	6	2	4	52	0.07	< 10	< 10	50	< 10	66
9BS-0404	201	202	< 1	0.01	22	1010	6	< 2	4	55	0.07	< 10	< 10	53	< 10	64
9BS-0405	201	202	< 1	0.01	23	890	4	< 2	4	89	0.04	< 10	< 10	47	< 10	86
9BS-0406	201	202	< 1	0.01	29	910	10	< 2	5	90	0.03	< 10	< 10	50	< 10	102
9BS-0407	201	202	< 1	0.01	25	900	10	< 2	4	84	0.03	< 10	< 10	45	< 10	94
9BS-0408	201	202	1	< 0.01	27	980	10	< 2	4	99	0.02	< 10	< 10	45	< 10	98
9BS-0409	201	202	< 1	< 0.01	20	770	8	< 2	3	54	0.05	< 10	< 10	44	< 10	70

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
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To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN:GEORGE NICHOLSON

Certificate Date: 08-OCT-97
Invoice No. :I9743852
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9743852

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
9BS-0410	201	202	< 5	< 0.2	2.31	10	580	0.5	< 2	0.65	0.5	12	35	27	3.24	< 10	70	0.33	10	1.16	510
9BS-0411	201	202	< 5	< 0.2	2.19	< 2	460	0.5	< 2	0.72	< 0.5	9	32	18	2.44	< 10	90	0.31	10	1.09	220
9BS-0412	201	202	< 5	< 0.2	1.79	2	460	0.5	< 2	0.94	< 0.5	9	28	28	2.39	< 10	120	0.20	10	0.84	330
9BS-0413	201	202	< 5	< 0.2	2.00	10	550	0.5	< 2	0.88	0.5	11	31	30	2.89	< 10	100	0.26	10	0.98	615
9BS-0414	201	202	< 5	< 0.2	1.71	8	480	0.5	< 2	0.93	0.5	9	26	22	2.32	< 10	80	0.21	10	0.79	660
10BSS-0514	201	202	< 5	< 0.2	1.06	12	390	0.5	< 2	0.12	0.5	14	24	33	4.01	< 10	140	0.16	10	0.13	1540
10BSS-0515	201	202	not/ss	0.4	1.26	6	330	0.5	< 2	1.11	1.5	8	27	90	2.92	< 10	790	0.17	10	0.44	520
10BSS-0516	201	202	< 5	< 0.2	2.75	10	510	0.5	< 2	0.69	0.5	36	178	143	5.83	< 10	210	0.04	10	3.19	1065
10BSS-0517A	201	202	< 5	< 0.2	2.11	2	400	0.5	< 2	1.24	1.5	24	87	76	4.40	< 10	210	0.05	10	2.39	545
10BSS-0517B	201	202	< 5	< 0.2	1.77	< 2	320	0.5	< 2	0.28	0.5	16	56	54	4.58	< 10	110	0.05	10	0.81	735
10BS-0518	201	202	< 5	< 0.2	2.44	< 2	320	0.5	< 2	1.06	1.5	26	110	78	4.74	< 10	90	0.04	10	2.71	735
10BS-0519	201	202	< 5	< 0.2	1.94	6	310	0.5	< 2	0.79	1.0	20	77	72	3.76	< 10	130	0.07	10	1.84	580
10BS-0520	201	202	< 5	0.2	2.52	8	250	0.5	< 2	0.94	1.0	18	22	44	5.45	10	120	0.05	10	1.78	580
10BS-0521	201	202	< 5	< 0.2	2.24	6	400	0.5	< 2	0.84	2.0	19	68	62	4.23	< 10	130	0.10	10	1.53	635
10BS-0522	201	202	< 5	0.2	1.67	2	330	0.5	< 2	2.28	2.5	11	33	79	2.93	< 10	230	0.07	10	1.11	450
10BS-0523	201	202	< 5	< 0.2	2.35	6	410	0.5	< 2	2.09	3.0	17	51	86	4.05	< 10	220	0.07	10	1.69	520
10BS-0524	201	202	< 5	< 0.2	2.00	< 2	340	0.5	< 2	2.29	3.5	15	38	78	3.60	< 10	260	0.08	10	1.44	465
10BS-0525	201	202	< 5	< 0.2	2.13	< 2	420	0.5	< 2	1.34	1.0	25	94	87	4.43	< 10	250	0.05	10	2.50	500
10BS-0526	201	202	< 5	< 0.2	2.22	4	460	0.5	< 2	1.27	1.0	28	105	91	4.73	< 10	300	0.06	10	2.49	575
10BS-0527	201	202	< 5	< 0.2	2.26	2	420	0.5	< 2	1.37	1.0	27	101	97	4.43	< 10	280	0.08	10	2.53	535
10BS-0528	201	202	< 5	< 0.2	2.06	< 2	460	0.5	< 2	1.33	1.0	27	108	88	4.46	< 10	230	0.07	10	2.44	610
10BS-0529	201	202	< 5	< 0.2	2.06	8	440	0.5	< 2	1.32	1.0	26	105	88	4.37	< 10	220	0.07	10	2.42	655
10BS-0530	201	202	< 5	< 0.2	1.98	2	380	0.5	< 2	1.87	1.5	22	79	104	3.90	< 10	290	0.07	10	2.16	590
10BS-0531	201	202	not/ss	< 0.2	1.83	4	360	0.5	< 2	1.63	1.5	22	71	89	4.49	< 10	260	0.07	10	1.92	610
10BS-0532	201	202	< 5	< 0.2	2.23	2	450	0.5	< 2	1.58	2.5	25	99	100	4.56	< 10	250	0.06	10	2.40	625
10BS-0533	201	202	< 5	< 0.2	2.37	4	470	0.5	< 2	1.77	2.0	27	105	97	4.82	< 10	320	0.06	10	2.71	560
10BS-0534	201	202	< 5	< 0.2	2.20	10	420	0.5	< 2	1.33	1.5	27	110	77	4.74	< 10	310	0.08	10	2.34	650
10BS-0535	201	202	< 5	< 0.2	2.64	8	430	0.5	< 2	1.45	1.5	28	101	77	4.79	10	210	0.06	10	2.98	535
10BS-0536	201	202	< 5	< 0.2	2.32	10	460	0.5	< 2	1.35	1.5	24	94	71	4.29	< 10	210	0.06	10	2.59	485
10BS-0537	201	202	< 5	< 0.2	2.29	2	460	0.5	< 2	1.37	1.0	24	95	71	4.26	< 10	210	0.06	10	2.58	490
10BS-0538	201	202	< 5	0.2	2.19	6	380	0.5	< 2	1.47	1.0	25	96	83	4.38	< 10	420	0.08	10	2.16	590
10BS-0539	201	202	< 5	< 0.2	2.15	6	460	0.5	< 2	1.60	1.5	24	91	71	4.29	< 10	320	0.07	10	2.29	455
10BS-0540	201	202	< 5	< 0.2	2.31	6	490	0.5	< 2	1.65	1.5	24	90	80	4.47	< 10	290	0.07	10	2.47	590
10BS-0541	201	202	< 5	< 0.2	2.45	< 2	460	0.5	< 2	1.45	1.5	27	106	86	4.71	< 10	420	0.07	20	2.52	455
10BS-0542	201	202	< 5	< 0.2	2.27	8	480	0.5	< 2	1.50	1.5	25	98	78	4.30	< 10	340	0.07	10	2.45	450
10BS-0543	201	202	< 5	< 0.2	2.43	8	590	0.5	< 2	1.53	1.5	25	115	73	4.78	< 10	460	0.07	10	2.69	420
10BS-0544	201	202	< 5	< 0.2	2.31	8	480	0.5	< 2	1.47	1.5	25	101	74	4.52	< 10	280	0.06	10	2.58	485
10BS-0545	201	202	< 5	< 0.2	2.24	8	470	0.5	< 2	1.39	1.5	25	95	74	4.47	< 10	260	0.06	10	2.53	520
10BS-0546	201	202	< 5	< 0.2	2.26	< 2	490	0.5	< 2	1.52	1.5	24	92	77	4.53	< 10	280	0.08	10	2.39	540
10BS-0548	201	202	< 5	< 0.2	2.29	2	470	0.5	< 2	1.38	1.5	26	98	73	4.55	< 10	230	0.07	10	2.54	580

CERTIFICATION:

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CERTIFICATE OF ANALYSIS A9743852

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
9BS-0410	201	202	< 1	0.01	26	1060	12	2	5	90	0.02	< 10	< 10	66	< 10	100
9BS-0411	201	202	< 1	< 0.01	21	720	6	< 2	4	71	0.02	< 10	< 10	49	< 10	86
9BS-0412	201	202	< 1	0.01	22	850	6	2	4	114	0.03	< 10	< 10	47	< 10	84
9BS-0413	201	202	< 1	0.01	25	910	10	< 2	4	113	0.03	< 10	< 10	56	< 10	92
9BS-0414	201	202	< 1	0.01	23	810	8	< 2	4	84	0.03	< 10	< 10	47	< 10	82
10BSS-0514	201	202	2	< 0.01	23	1380	16	2	< 1	23	< 0.01	< 10	< 10	55	< 10	120
10BSS-0515	201	202	3	< 0.01	43	1020	8	2	4	59	< 0.01	< 10	< 10	46	< 10	402
10BSS-0516	201	202	< 1	< 0.01	139	780	8	< 2	17	30	0.18	< 10	< 10	113	< 10	94
10BSS-0517A	201	202	< 1	< 0.01	115	1030	8	< 2	8	65	0.16	< 10	< 10	81	< 10	108
10BSS-0517B	201	202	3	< 0.01	42	1200	6	4	4	19	0.05	< 10	< 10	107	< 10	120
10BS-0518	201	202	< 1	< 0.01	90	1410	6	< 2	11	41	0.19	< 10	< 10	103	< 10	128
10BS-0519	201	202	< 1	< 0.01	71	1100	4	2	8	38	0.14	< 10	< 10	80	< 10	142
10BS-0520	201	202	< 1	< 0.01	21	1410	4	2	8	40	0.24	< 10	< 10	126	< 10	140
10BS-0521	201	202	1	< 0.01	52	1440	6	2	8	45	0.12	< 10	< 10	101	< 10	202
10BS-0522	201	202	< 1	< 0.01	32	1420	6	< 2	6	103	0.11	< 10	< 10	67	< 10	156
10BS-0523	201	202	< 1	< 0.01	52	1560	8	< 2	8	89	0.19	< 10	< 10	93	< 10	180
10BS-0524	201	202	< 1	< 0.01	47	1510	6	< 2	7	89	0.17	< 10	< 10	81	< 10	160
10BS-0525	201	202	< 1	< 0.01	116	1020	2	< 2	9	63	0.19	< 10	< 10	85	< 10	98
10BS-0526	201	202	< 1	< 0.01	120	1100	8	< 2	11	64	0.18	< 10	< 10	94	< 10	106
10BS-0527	201	202	< 1	< 0.01	117	1120	10	2	11	69	0.19	< 10	< 10	85	< 10	104
10BS-0528	201	202	< 1	< 0.01	123	1080	8	< 2	11	60	0.18	< 10	< 10	88	< 10	98
10BS-0529	201	202	< 1	< 0.01	117	1080	10	< 2	10	61	0.17	< 10	< 10	83	< 10	98
10BS-0530	201	202	< 1	< 0.01	98	1350	8	< 2	9	80	0.14	< 10	< 10	72	< 10	114
10BS-0531	201	202	< 1	< 0.01	85	1360	4	< 2	9	69	0.12	< 10	< 10	77	< 10	106
10BS-0532	201	202	< 1	< 0.01	112	1210	6	< 2	10	69	0.19	< 10	< 10	94	< 10	120
10BS-0533	201	202	< 1	< 0.01	124	1200	4	2	11	70	0.22	< 10	< 10	98	< 10	116
10BS-0534	201	202	< 1	< 0.01	121	1160	8	< 2	10	61	0.18	< 10	< 10	93	< 10	102
10BS-0535	201	202	< 1	< 0.01	132	1020	6	< 2	9	59	0.31	< 10	< 10	109	< 10	110
10BS-0536	201	202	< 1	< 0.01	110	1070	6	2	8	59	0.28	< 10	< 10	103	< 10	98
10BS-0537	201	202	< 1	< 0.01	111	1070	6	2	8	60	0.29	< 10	< 10	104	< 10	98
10BS-0538	201	202	< 1	< 0.01	100	1150	6	< 2	11	72	0.15	< 10	< 10	86	< 10	108
10BS-0539	201	202	< 1	< 0.01	103	1140	10	2	11	72	0.19	< 10	< 10	88	< 10	100
10BS-0540	201	202	< 1	< 0.01	104	1100	6	< 2	10	79	0.25	< 10	< 10	101	< 10	108
10BS-0541	201	202	< 1	< 0.01	119	1200	4	2	13	74	0.18	< 10	< 10	90	< 10	96
10BS-0542	201	202	< 1	< 0.01	106	1140	8	< 2	10	69	0.24	< 10	< 10	93	< 10	100
10BS-0543	201	202	< 1	< 0.01	115	1340	6	2	12	70	0.22	< 10	< 10	97	< 10	94
10BS-0544	201	202	< 1	< 0.01	114	1090	2	< 2	10	66	0.24	< 10	< 10	97	< 10	106
10BS-0545	201	202	< 1	< 0.01	112	1060	6	< 2	10	64	0.21	< 10	< 10	92	< 10	108
10BS-0546	201	202	< 1	< 0.01	109	1640	6	< 2	9	73	0.20	< 10	< 10	93	< 10	112
10BS-0548	201	202	< 1	< 0.01	116	1090	6	< 2	9	63	0.22	< 10	< 10	94	< 10	108

CERTIFICATION:_____

Chemex Labs Ltd.

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN:GEORGE NICHOLSON

Certificate Date: 08-OCT-97
Invoice No. :I9743852
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9743852

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
10BS-0549	201	202	< 5	< 0.2	2.01	6	440	0.5	< 2	1.43	1.5	22	83	71	4.01	< 10	310	0.09	10	2.04	490
10BS-0550	201	202	< 5	< 0.2	2.12	2	470	0.5	< 2	1.40	1.0	22	84	68	4.23	< 10	310	0.09	10	2.12	490
10BS-0551	201	202	< 5	< 0.2	2.12	4	530	0.5	< 2	1.31	1.0	24	85	69	4.46	< 10	260	0.11	10	2.22	535
10BS-0552	201	202	< 5	< 0.2	2.07	6	450	0.5	< 2	1.45	1.5	21	80	72	4.16	< 10	330	0.09	10	2.08	470
10BS-0553	201	202	< 5	< 0.2	1.65	10	270	< 0.5	< 2	0.59	0.5	9	32	20	2.34	< 10	80	0.07	10	0.66	350
10BS-0554	201	202	< 5	< 0.2	1.40	6	230	< 0.5	< 2	0.49	< 0.5	8	27	17	2.00	< 10	60	0.06	10	0.54	265
10BS-0555	201	202	< 5	< 0.2	1.58	6	300	< 0.5	< 2	0.68	0.5	11	32	20	2.58	< 10	70	0.07	10	0.72	435
10BS-0556	201	202	< 5	< 0.2	1.85	< 2	320	< 0.5	< 2	0.91	0.5	12	42	32	2.72	< 10	270	0.10	10	0.89	370
10BS-0557	201	202	< 5	< 0.2	1.57	6	280	< 0.5	< 2	0.64	0.5	10	31	21	2.33	< 10	80	0.08	10	0.69	340
10BS-0558	201	202	< 5	< 0.2	1.47	2	270	< 0.5	< 2	0.61	0.5	9	31	21	2.26	< 10	70	0.07	10	0.66	320
10BS-0559	201	202	< 5	< 0.2	1.35	< 2	240	< 0.5	< 2	0.56	0.5	9	27	19	2.03	< 10	70	0.06	10	0.59	325
10BS-0560	201	202	< 5	< 0.2	1.67	< 2	340	< 0.5	< 2	0.82	0.5	15	45	39	3.19	< 10	120	0.07	10	1.15	495
10BS-0561	201	202	< 5	< 0.2	1.71	8	370	0.5	< 2	0.91	1.0	18	50	44	3.66	< 10	190	0.08	10	1.19	600
10BSS-0657	201	202	< 5	0.2	1.33	4	330	< 0.5	< 2	0.18	< 0.5	5	23	18	1.60	< 10	230	0.08	10	0.32	185
10BS-0658	201	202	< 5	0.4	1.44	2	420	< 0.5	< 2	0.24	< 0.5	8	24	19	1.57	< 10	300	0.10	10	0.34	375
10BS-0659	201	202	< 5	0.6	1.60	6	420	< 0.5	< 2	0.26	< 0.5	5	29	20	1.79	< 10	330	0.10	10	0.39	155
10BS-0660	201	202	< 5	0.6	1.72	8	440	< 0.5	< 2	0.26	< 0.5	6	29	25	2.01	< 10	320	0.11	10	0.38	160
10BS-0661	201	202	< 5	0.4	1.66	8	450	< 0.5	< 2	0.28	< 0.5	7	29	18	1.99	< 10	230	0.10	10	0.40	350
10BS-0662	201	202	< 5	0.4	1.52	18	900	0.5	< 2	0.29	0.5	18	28	42	3.59	< 10	250	0.19	10	0.37	2410
10BS-0663	201	202	< 5	0.2	1.46	6	810	0.5	< 2	0.27	< 0.5	9	29	34	2.73	< 10	280	0.18	10	0.35	665
10BS-0664	201	202	< 5	0.2	1.64	6	680	0.5	< 2	0.36	< 0.5	10	29	28	2.46	< 10	190	0.18	10	0.45	500
10BS-0665	201	202	< 5	0.4	1.24	10	720	0.5	< 2	0.33	0.5	11	26	33	2.15	< 10	310	0.14	10	0.34	940
10BS-0666	201	202	< 5	0.4	1.39	6	600	< 0.5	< 2	0.44	0.5	11	24	29	2.18	< 10	220	0.10	10	0.40	905
10BS-0667	201	202	< 5	0.2	1.39	2	540	< 0.5	< 2	0.36	0.5	12	24	26	2.38	< 10	120	0.08	10	0.42	865
10BS-0668	201	202	< 5	0.2	1.48	12	470	< 0.5	< 2	0.46	0.5	9	26	35	2.27	< 10	130	0.07	10	0.45	655
10BS-0669	201	202	< 5	0.2	1.20	6	450	< 0.5	< 2	0.43	0.5	9	23	28	2.02	< 10	160	0.08	10	0.42	620
10BS-0670	201	202	< 5	0.2	1.25	12	470	< 0.5	< 2	0.45	0.5	12	23	27	1.88	< 10	160	0.07	10	0.43	875
10BS-0671	201	202	< 5	0.2	1.37	6	600	0.5	< 2	0.40	0.5	11	26	30	2.34	< 10	150	0.13	10	0.43	860
10BS-0672	201	202	< 5	0.2	1.85	12	480	< 0.5	< 2	0.25	< 0.5	18	28	25	2.43	< 10	110	0.13	10	0.46	1085
10BS-0673	201	202	< 5	0.8	1.58	8	330	< 0.5	< 2	0.20	< 0.5	6	25	18	1.97	< 10	220	0.11	10	0.38	235
10BS-0674	201	202	< 5	0.4	1.61	6	490	< 0.5	< 2	0.28	< 0.5	15	26	23	1.82	< 10	190	0.13	10	0.40	660
10BS-0675	201	202	< 5	0.6	1.22	< 2	350	< 0.5	< 2	0.22	< 0.5	4	25	24	1.45	< 10	200	0.09	10	0.36	145
10BS-0676	201	202	< 5	1.0	1.42	10	530	< 0.5	< 2	0.34	0.5	22	27	31	2.42	< 10	270	0.12	10	0.43	1390
10BS-0677	201	202	< 5	0.2	1.32	6	450	< 0.5	< 2	0.37	< 0.5	5	25	23	1.59	< 10	180	0.13	10	0.46	190
10BS-0678	201	202	< 5	1.4	1.76	< 2	420	0.5	< 2	0.93	1.0	7	30	57	1.91	< 10	510	0.14	10	0.52	255
10BS-0679	201	202	< 5	0.6	1.49	4	380	0.5	< 2	0.75	1.0	7	26	42	1.73	< 10	370	0.12	10	0.42	325
10BS-0680	201	202	< 5	0.4	1.44	4	340	0.5	< 2	0.79	1.5	8	25	45	2.14	< 10	320	0.15	10	0.49	265
10BS-0681	201	202	< 5	0.6	1.39	16	460	0.5	< 2	0.80	1.5	11	26	56	3.02	< 10	350	0.19	10	0.49	1170
10BS-0682	201	202	< 5	0.2	1.46	6	300	< 0.5	< 2	0.47	0.5	16	26	39	2.58	< 10	140	0.14	10	0.49	1010
10BS-0683	201	202	< 5	0.2	1.68	8	550	0.5	< 2	0.38	1.5	38	30	49	3.21	< 10	100	0.17	10	0.55	4880

CERTIFICATION:

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Analytical Chemists * Geochemists * Registered Assayers

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To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN:GEORGE NICHOLSON

Certificate Date: 08-OCT-97
Invoice No. :I9743852
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Account :PHY

CERTIFICATE OF ANALYSIS A9743852

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
10BS-0549	201	202	< 1	< 0.01	95	1110	6	< 2	9	67	0.19	< 10	< 10	83	< 10	106
10BS-0550	201	202	< 1	< 0.01	99	1100	8	< 2	9	69	0.19	< 10	< 10	85	< 10	114
10BS-0551	201	202	< 1	< 0.01	103	1060	14	< 2	8	60	0.19	< 10	< 10	86	< 10	118
10BS-0552	201	202	< 1	< 0.01	95	1210	6	2	9	71	0.18	< 10	< 10	81	< 10	114
10BS-0553	201	202	< 1	< 0.01	25	680	8	< 2	4	37	0.09	< 10	< 10	53	< 10	76
10BS-0554	201	202	1	< 0.01	21	610	6	2	4	33	0.08	< 10	< 10	46	< 10	64
10BS-0555	201	202	< 1	< 0.01	26	700	6	< 2	4	40	0.10	< 10	< 10	61	< 10	72
10BS-0556	201	202	< 1	< 0.01	39	800	8	< 2	6	53	0.10	< 10	< 10	60	< 10	90
10BS-0557	201	202	< 1	< 0.01	27	700	4	< 2	4	40	0.10	< 10	< 10	54	< 10	72
10BS-0558	201	202	< 1	< 0.01	25	690	6	< 2	4	38	0.09	< 10	< 10	51	< 10	70
10BS-0559	201	202	< 1	< 0.01	23	610	6	< 2	4	36	0.07	< 10	< 10	45	< 10	70
10BS-0560	201	202	< 1	< 0.01	49	840	6	2	5	48	0.11	< 10	< 10	66	< 10	92
10BS-0561	201	202	< 1	< 0.01	58	940	8	2	6	53	0.10	< 10	< 10	72	< 10	100
10BSS-0657	201	202	1	< 0.01	14	690	8	2	1	22	0.03	< 10	< 10	49	< 10	44
10BS-0658	201	202	< 1	< 0.01	17	720	6	< 2	1	29	0.03	< 10	< 10	49	< 10	52
10BS-0659	201	202	< 1	< 0.01	18	650	8	< 2	3	32	0.03	< 10	< 10	56	< 10	58
10BS-0660	201	202	1	< 0.01	20	920	10	2	1	32	0.03	< 10	< 10	60	< 10	54
10BS-0661	201	202	1	< 0.01	17	730	10	2	2	33	0.03	< 10	< 10	65	< 10	60
10BS-0662	201	202	5	< 0.01	31	1100	16	2	4	63	0.01	< 10	< 10	94	< 10	92
10BS-0663	201	202	4	< 0.01	24	910	18	< 2	3	58	0.01	< 10	< 10	87	< 10	72
10BS-0664	201	202	1	< 0.01	25	850	10	< 2	3	49	0.03	< 10	< 10	79	< 10	86
10BS-0665	201	202	3	< 0.01	23	790	12	< 2	3	53	0.01	< 10	< 10	89	< 10	80
10BS-0666	201	202	2	< 0.01	23	900	8	< 2	3	48	0.03	< 10	< 10	67	< 10	76
10BS-0667	201	202	2	< 0.01	22	740	14	2	3	42	0.03	< 10	< 10	64	< 10	84
10BS-0668	201	202	< 1	< 0.01	26	820	8	2	4	44	0.04	< 10	< 10	52	< 10	78
10BS-0669	201	202	3	< 0.01	24	770	2	< 2	3	44	0.04	< 10	< 10	63	< 10	102
10BS-0670	201	202	1	< 0.01	23	670	6	< 2	3	44	0.04	< 10	< 10	54	< 10	86
10BS-0671	201	202	2	< 0.01	26	800	10	< 2	3	48	0.04	< 10	< 10	76	< 10	108
10BS-0672	201	202	< 1	< 0.01	17	760	10	< 2	2	31	0.04	< 10	< 10	72	< 10	78
10BS-0673	201	202	< 1	< 0.01	14	820	8	< 2	2	25	0.04	< 10	< 10	62	< 10	50
10BS-0674	201	202	< 1	< 0.01	16	750	10	< 2	3	37	0.04	< 10	< 10	79	< 10	60
10BS-0675	201	202	< 1	< 0.01	15	660	4	2	1	35	0.03	< 10	< 10	65	< 10	56
10BS-0676	201	202	2	< 0.01	21	1090	12	2	3	53	0.03	< 10	< 10	122	< 10	76
10BS-0677	201	202	1	< 0.01	19	820	6	2	3	47	0.03	< 10	< 10	61	< 10	66
10BS-0678	201	202	< 1	< 0.01	29	870	4	2	5	111	0.04	< 10	< 10	67	< 10	120
10BS-0679	201	202	< 1	< 0.01	31	800	8	< 2	3	98	0.03	< 10	< 10	64	< 10	122
10BS-0680	201	202	1	< 0.01	33	980	10	2	3	96	0.03	< 10	< 10	64	< 10	132
10BS-0681	201	202	2	0.01	43	1220	14	2	4	113	0.02	< 10	< 10	83	< 10	156
10BS-0682	201	202	1	< 0.01	28	910	10	< 2	3	63	0.04	< 10	< 10	74	< 10	122
10BS-0683	201	202	2	< 0.01	38	1000	8	2	5	52	0.06	< 10	< 10	76	< 10	148

CERTIFICATION:

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CERTIFICATE OF ANALYSIS A9743852

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
10BS-0684	201	202	< 5	< 0.2	1.51	6	400	< 0.5	< 2	1.02	0.5	15	26	35	2.44	< 10	200	0.14	10	0.58	865
10BS-0685	201	202	< 5	0.4	1.32	6	730	0.5	< 2	1.15	1.5	23	23	126	4.16	< 10	420	0.21	10	0.61	2130
10BS-0686	201	202	< 5	0.2	1.40	4	420	0.5	< 2	0.85	0.5	13	24	68	2.62	< 10	320	0.14	10	0.48	805
10BS-0687	201	202	< 5	0.6	1.43	14	480	0.5	< 2	0.81	1.0	19	24	85	3.36	< 10	370	0.13	10	0.47	1045
10BS-0688	201	202	< 5	0.2	1.87	8	610	0.5	< 2	0.65	0.5	12	27	61	3.06	< 10	270	0.27	10	0.69	520
10BS-0689	201	202	< 5	0.2	1.51	2	460	< 0.5	< 2	0.62	0.5	9	23	41	2.07	< 10	320	0.17	10	0.53	335
10BS-0690	201	202	< 5	< 0.2	2.00	12	640	0.5	< 2	0.65	0.5	14	28	66	3.43	< 10	240	0.31	10	0.72	820
10BS-0691	201	202	< 5	< 0.2	1.96	14	660	0.5	< 2	0.70	1.5	16	29	66	3.57	< 10	250	0.31	10	0.67	1105
10BS-0692	201	202	< 5	0.2	1.60	6	410	0.5	< 2	0.86	1.0	10	25	58	2.37	< 10	380	0.16	10	0.57	435
10BS-0693	201	202	< 5	0.4	1.30	6	450	0.5	< 2	1.46	3.0	13	22	59	2.34	< 10	390	0.17	< 10	0.56	2070
10BS-0694	201	202	< 5	0.2	1.53	6	330	< 0.5	< 2	0.83	1.5	10	23	49	2.28	< 10	290	0.12	10	0.53	465
10BS-0695	201	202	< 5	0.2	1.48	6	400	0.5	< 2	0.89	2.0	11	25	63	2.65	< 10	350	0.15	10	0.53	650
10BS-0696	201	202	< 5	0.2	1.37	10	470	0.5	< 2	0.82	2.0	13	22	60	2.78	< 10	280	0.16	10	0.52	825
10BS-0697	201	202	< 5	0.2	1.43	10	380	0.5	< 2	0.74	1.5	12	24	55	2.77	< 10	220	0.13	10	0.55	695
10BS-0698	201	202	< 5	1.8	0.72	16	450	0.5	< 2	0.60	2.0	5	36	88	1.53	< 10	730	0.08	< 10	0.29	155
10BS-0699	201	202	< 5	0.2	1.28	38	500	0.5	< 2	0.94	1.5	18	24	72	4.00	< 10	190	0.12	10	0.53	815
13BSS-0050	201	202	< 5	0.2	1.03	6	330	< 0.5	< 2	0.35	0.5	17	20	33	3.42	< 10	70	0.12	10	0.25	2050
13BSS-0052	201	202	< 5	< 0.2	2.91	2	190	0.5	< 2	0.63	0.5	30	31	77	9.90	< 10	90	0.05	30	0.97	1930
13BSS-0055	201	202	< 5	< 0.2	2.45	< 2	580	0.5	< 2	2.47	0.5	133	28	222	11.75	10	110	0.01	30	1.99	1685
13BS-0056	201	202	< 5	0.2	1.17	4	170	< 0.5	< 2	2.71	1.0	9	25	46	2.28	< 10	320	0.07	10	0.67	395
13BSS-0060	201	202	< 5	< 0.2	2.26	4	210	0.5	< 2	0.17	< 0.5	10	28	20	3.31	< 10	40	0.09	10	0.44	305
13BSS-0061	201	202	10	0.2	1.19	4	410	< 0.5	< 2	0.11	< 0.5	7	27	50	2.18	< 10	130	0.15	< 10	0.34	1015
13BSS-0062	201	202	10	0.6	1.63	8	450	0.5	< 2	0.15	< 0.5	5	32	49	2.26	< 10	190	0.15	10	0.39	230
13BSS-0063	201	202	< 5	< 0.2	1.60	8	160	< 0.5	< 2	0.09	< 0.5	5	28	23	2.58	< 10	80	0.08	10	0.34	275
13BSS-0064	201	202	< 5	0.2	0.90	8	170	< 0.5	< 2	0.08	< 0.5	4	21	21	2.07	< 10	60	0.07	< 10	0.17	455
13BSS-0065	201	202	< 5	< 0.2	1.38	6	130	< 0.5	< 2	0.10	< 0.5	7	23	24	2.47	< 10	50	0.06	< 10	0.31	535
13BS-0066	201	202	< 5	0.2	1.59	6	360	< 0.5	< 2	0.43	0.5	10	22	36	2.10	< 10	150	0.10	10	0.46	740
13BS-0067	201	202	< 5	0.4	1.52	8	460	0.5	< 2	0.46	0.5	10	23	52	2.41	< 10	210	0.08	10	0.35	1055
13BS-0068	201	202	< 5	0.4	1.53	8	430	0.5	< 2	0.39	< 0.5	8	23	37	2.31	< 10	190	0.07	10	0.43	580
13BS-0069	201	202	< 5	0.2	1.23	10	430	< 0.5	< 2	0.37	< 0.5	8	20	40	2.12	< 10	160	0.07	10	0.28	815
13BS-0070	201	202	< 5	0.2	1.27	8	550	< 0.5	< 2	0.42	0.5	10	20	38	2.35	< 10	170	0.07	< 10	0.30	1300
16BSS-0236	201	202	10	2.4	1.02	28	1200	0.5	< 2	0.22	4.0	10	40	118	2.79	< 10	370	0.12	10	0.20	530
16BSS-0237	201	202	10	0.6	1.49	8	260	0.5	< 2	0.06	1.5	28	27	91	3.75	< 10	70	0.09	10	0.29	940
16BS-0238	201	202	10	2.0	1.34	20	910	0.5	< 2	0.21	4.5	11	40	103	3.34	< 10	260	0.15	10	0.29	515
16BSS-0240	201	202	15	0.6	1.54	14	390	0.5	< 2	0.16	0.5	12	29	56	3.24	< 10	220	0.11	10	0.39	565
16BSS-0241	201	202	< 5	< 0.2	1.39	10	350	< 0.5	< 2	0.20	1.5	10	26	40	2.82	< 10	300	0.09	10	0.43	665
16BSS-0242	201	202	10	0.4	1.71	24	700	0.5	< 2	0.20	1.5	21	31	83	5.25	< 10	150	0.27	10	0.38	1770
16BSS-0243	201	202	10	0.2	1.26	12	640	< 0.5	< 2	0.24	2.0	9	24	42	2.95	< 10	80	0.17	< 10	0.30	610
16BSS-0244	201	202	5	0.2	1.30	12	430	< 0.5	< 2	0.22	0.5	5	30	25	3.01	< 10	30	0.17	< 10	0.33	175
16BSS-0245	201	202	< 5	< 0.2	1.08	6	350	< 0.5	< 2	0.67	< 0.5	7	19	14	1.81	< 10	140	0.07	< 10	0.47	330

CERTIFICATION: _____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN:GEORGE NICHOLSON

Certificate Date: 08-OCT-97
Invoice No. :I9743852
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9743852

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
10BS-0684	201 202	1	0.01	29	840	8	2	4	97	0.04	< 10	< 10	68	< 10	112
10BS-0685	201 202	7	< 0.01	64	1320	12	2	5	137	0.01	< 10	< 10	79	< 10	272
10BS-0686	201 202	3	0.01	41	870	10	< 2	4	87	0.03	< 10	< 10	67	< 10	162
10BS-0687	201 202	3	< 0.01	53	990	10	< 2	5	91	0.03	< 10	< 10	73	< 10	222
10BS-0688	201 202	3	0.01	34	1050	10	< 2	5	94	0.02	< 10	< 10	74	< 10	154
10BS-0689	201 202	1	< 0.01	26	760	8	< 2	4	77	0.03	< 10	< 10	53	< 10	108
10BS-0690	201 202	4	0.01	38	1170	14	< 2	5	104	0.02	< 10	< 10	82	< 10	168
10BS-0691	201 202	5	0.01	43	1470	10	< 2	5	101	0.02	< 10	< 10	90	< 10	202
10BS-0692	201 202	2	0.01	36	890	10	< 2	4	93	0.03	< 10	< 10	62	< 10	168
10BS-0693	201 202	5	0.01	56	1010	8	2	4	106	0.02	< 10	< 10	69	< 10	264
10BS-0694	201 202	1	< 0.01	38	780	6	< 2	4	71	0.03	< 10	< 10	58	< 10	200
10BS-0695	201 202	3	< 0.01	46	1000	8	< 2	4	88	0.03	< 10	< 10	70	< 10	216
10BS-0696	201 202	2	< 0.01	47	1020	12	2	4	83	0.02	< 10	< 10	66	< 10	236
10BS-0697	201 202	3	0.01	42	930	10	< 2	4	75	0.03	< 10	< 10	60	< 10	200
10BS-0698	201 202	2	< 0.01	46	1080	12	2	5	116	0.01	< 10	< 10	154	< 10	136
10BS-0699	201 202	2	0.01	62	2380	16	< 2	5	121	0.02	< 10	< 10	56	< 10	252
13BSS-0050	201 202	1	< 0.01	20	1240	10	< 2	< 1	23	0.01	< 10	< 10	47	< 10	100
13BSS-0052	201 202	4	< 0.01	32	940	8	2	13	32	0.18	< 10	< 10	113	< 10	74
13BSS-0055	201 202	1	< 0.01	67	1230	16	< 2	13	71	0.49	< 10	10	202	< 10	102
13BS-0056	201 202	1	< 0.01	29	940	2	< 2	4	80	0.04	< 10	< 10	43	< 10	94
13BSS-0060	201 202	1	< 0.01	21	340	12	< 2	3	14	0.06	< 10	< 10	59	< 10	66
13BSS-0061	201 202	5	< 0.01	27	1090	10	< 2	< 1	35	0.01	< 10	< 10	72	< 10	124
13BSS-0062	201 202	4	< 0.01	25	1380	12	2	1	38	0.01	< 10	< 10	80	< 10	96
13BSS-0063	201 202	1	< 0.01	16	880	8	< 2	1	17	0.04	< 10	< 10	57	< 10	56
13BSS-0064	201 202	1	< 0.01	12	1000	8	< 2	< 1	17	< 0.01	< 10	< 10	48	< 10	46
13BSS-0065	201 202	1	< 0.01	22	800	8	< 2	1	14	0.04	< 10	< 10	42	< 10	58
13BS-0066	201 202	2	< 0.01	32	1170	8	2	1	40	0.02	< 10	< 10	44	< 10	102
13BS-0067	201 202	3	< 0.01	43	1110	10	< 2	1	49	0.01	< 10	< 10	44	< 10	124
13BS-0068	201 202	1	< 0.01	31	850	8	< 2	1	40	0.02	< 10	< 10	43	< 10	98
13BS-0069	201 202	3	< 0.01	27	900	10	< 2	1	46	0.01	< 10	< 10	44	< 10	98
13BS-0070	201 202	4	< 0.01	25	970	10	< 2	1	50	0.01	< 10	< 10	48	< 10	100
16BSS-0236	201 202	24	< 0.01	85	1190	14	10	1	65	< 0.01	< 10	< 10	277	< 10	546
16BSS-0237	201 202	6	< 0.01	101	530	12	2	5	29	0.02	< 10	< 10	68	< 10	510
16BS-0238	201 202	13	< 0.01	79	1080	14	4	2	67	0.01	< 10	< 10	199	< 10	532
16BSS-0240	201 202	5	< 0.01	50	660	14	2	3	39	0.03	< 10	< 10	83	< 10	232
16BSS-0241	201 202	3	< 0.01	39	660	8	2	4	32	0.04	< 10	< 10	65	< 10	330
16BSS-0242	201 202	9	0.01	57	1000	20	2	5	67	0.02	< 10	< 10	84	< 10	292
16BSS-0243	201 202	5	< 0.01	26	1070	10	< 2	1	47	0.02	< 10	< 10	71	< 10	192
16BSS-0244	201 202	7	< 0.01	26	480	8	2	2	36	0.04	< 10	< 10	158	< 10	190
16BSS-0245	201 202	1	0.01	14	730	2	< 2	3	50	0.04	< 10	< 10	38	< 10	70

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN:GEORGE NICHOLSON

Certificate Date: 08-OCT-97
Invoice No. :I9743852
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9743852

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
16BS-0246	201	202	< 5	< 0.2	1.13	6	360	< 0.5	< 2	0.68	< 0.5	6	20	15	1.91	< 10	120	0.07	< 10	0.49	310
16BSS-0247	201	202	15	< 0.2	1.04	2	350	< 0.5	< 2	0.70	< 0.5	7	18	15	1.89	< 10	120	0.06	< 10	0.47	335
16BSS-0248	201	202	< 5	0.4	1.08	2	290	< 0.5	< 2	0.19	< 0.5	5	18	21	1.71	< 10	250	0.06	< 10	0.30	140
16BSS-0249	201	202	< 5	0.2	1.07	6	270	< 0.5	< 2	0.19	< 0.5	5	18	20	1.78	< 10	230	0.06	< 10	0.30	150
16BSS-0250	201	202	< 5	< 0.2	1.04	6	340	< 0.5	< 2	0.65	< 0.5	6	19	14	1.92	< 10	100	0.06	< 10	0.47	300
16B-0251	201	202	< 5	0.2	1.18	8	350	< 0.5	< 2	0.51	2.5	15	23	31	2.63	< 10	360	0.10	10	0.43	2280
16B-0252	201	202	< 5	0.2	1.24	8	370	< 0.5	< 2	0.54	2.5	15	23	31	2.59	< 10	380	0.11	10	0.44	2500
16B-0253	201	202	< 5	0.2	1.25	6	390	< 0.5	< 2	0.55	3.0	15	24	32	2.64	< 10	380	0.11	10	0.46	3030
16B-0254	201	202	< 5	0.2	1.25	10	390	< 0.5	< 2	0.55	2.5	15	24	33	2.66	< 10	390	0.11	10	0.44	2300
16B-0255	201	202	< 5	< 0.2	1.24	6	360	< 0.5	< 2	0.53	2.5	14	23	30	2.55	< 10	360	0.11	10	0.44	2230
16B-0256	201	202	< 5	0.2	1.32	6	410	< 0.5	< 2	0.62	3.0	16	24	37	2.74	< 10	420	0.12	10	0.47	2920
16BSS-0268	201	202	15	0.4	1.86	14	580	0.5	< 2	0.24	< 0.5	15	33	115	3.98	< 10	470	0.24	10	0.63	1030
16BSS-0269	201	202	20	0.4	1.86	16	570	0.5	< 2	0.23	0.5	16	33	118	4.07	< 10	470	0.24	10	0.63	1035
16BSS-0270	201	202	20	0.4	2.38	18	550	1.0	< 2	0.26	0.5	20	29	138	5.17	< 10	310	0.40	20	1.09	655
16BSS-0271	201	202	10	0.4	2.11	18	490	1.0	< 2	0.25	1.0	20	26	128	5.00	< 10	280	0.31	20	1.00	695
16BSS-0272	201	202	10	0.8	1.55	14	490	0.5	< 2	0.31	2.0	12	22	65	2.98	< 10	120	0.15	10	0.49	815
16BSS-0273	201	202	15	0.8	1.71	10	340	0.5	< 2	0.25	0.5	10	24	67	3.12	< 10	130	0.13	< 10	0.57	470
16BSS-0274	201	202	5	0.2	1.56	10	640	0.5	< 2	0.45	1.5	17	22	65	3.19	< 10	150	0.21	10	0.63	730
16BSS-0275	201	202	< 5	0.2	1.68	12	710	0.5	< 2	0.43	1.5	17	24	70	3.35	< 10	150	0.24	10	0.66	695
16BSS-0276	201	202	< 5	< 0.2	1.87	6	580	0.5	< 2	0.23	0.5	7	25	44	2.64	< 10	270	0.20	10	0.62	175
16BSS-0277	201	202	< 5	0.2	2.14	8	610	0.5	< 2	0.23	0.5	8	28	54	2.88	< 10	310	0.20	10	0.70	160
16BSS-0278	201	202	< 5	0.6	1.75	8	610	0.5	< 2	1.15	1.5	12	20	88	2.65	< 10	330	0.21	10	0.81	860
16BSS-0279	201	202	< 5	0.6	1.49	8	790	0.5	< 2	1.11	1.0	12	17	88	2.55	< 10	340	0.18	10	0.71	660
16BSS-0280	201	202	< 5	0.6	1.74	10	680	0.5	< 2	1.11	1.0	13	19	98	2.90	< 10	340	0.23	10	0.80	730
16BSS-0281	201	202	15	1.0	1.71	14	670	0.5	< 2	0.81	2.0	13	23	141	3.18	< 10	790	0.23	10	0.65	955
16BSS-0282	201	202	10	1.2	1.64	8	640	0.5	< 2	0.86	2.0	12	22	138	2.99	< 10	780	0.19	10	0.63	1030
16BSS-0283	201	202	15	1.2	1.67	6	640	0.5	< 2	0.81	2.0	13	23	138	3.12	< 10	730	0.21	10	0.66	1000
16BS-0284	201	202	< 5	0.2	1.75	8	330	0.5	< 2	0.77	0.5	9	23	38	2.19	< 10	200	0.08	10	0.52	590
16BS-0285	201	202	< 5	0.2	1.85	2	350	0.5	< 2	0.92	0.5	10	25	43	2.33	< 10	230	0.08	10	0.56	685
16BS-0286	201	202	< 5	0.2	1.74	2	330	0.5	< 2	0.82	0.5	9	23	40	2.21	< 10	200	0.08	10	0.53	615
16BS-0287	201	202	< 5	0.2	1.67	6	350	0.5	< 2	0.79	0.5	12	23	51	2.41	< 10	250	0.10	10	0.58	645
18BSS-0185	201	202	< 5	< 0.2	1.49	10	130	< 0.5	< 2	0.13	< 0.5	8	22	20	2.34	< 10	70	0.04	10	0.40	360
18BSS-0186	201	202	< 5	< 0.2	1.39	6	110	< 0.5	< 2	0.09	< 0.5	6	22	16	2.25	< 10	50	0.04	10	0.37	270
18BSS-0187	201	202	< 5	< 0.2	1.47	8	120	< 0.5	< 2	0.14	< 0.5	7	23	20	2.32	< 10	80	0.05	10	0.38	245
18BSS-0188	201	202	10	< 0.2	1.49	8	120	< 0.5	< 2	0.14	< 0.5	6	23	18	2.12	< 10	70	0.06	10	0.39	215
18BSS-0189	201	202	< 5	< 0.2	1.49	10	190	< 0.5	< 2	0.22	< 0.5	7	24	18	2.17	< 10	60	0.06	10	0.41	285
18BS-0191	201	202	< 5	< 0.2	1.25	2	280	< 0.5	< 2	0.31	< 0.5	9	26	17	1.90	< 10	190	0.08	10	0.37	1490
18BS-0192	201	202	< 5	< 0.2	1.26	4	330	< 0.5	< 2	0.29	0.5	12	23	17	2.09	< 10	190	0.07	10	0.36	2530
18BSS-0193	201	202	< 5	0.2	1.67	2	270	< 0.5	< 2	0.23	< 0.5	5	26	16	1.67	< 10	190	0.08	10	0.40	155
18BSS-0194	201	202	15	< 0.2	1.54	6	340	< 0.5	< 2	0.19	< 0.5	9	28	28	2.58	< 10	210	0.09	10	0.40	640

CERTIFICATION:

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Analytical Chemists * Geochemists * Registered Assayers

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To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN:GEORGE NICHOLSON

Certificate Date: 08-OCT-97
Invoice No. :19743852
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9743852

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
16BS-0246	201	202	< 1	0.01	16	760	6	< 2	3	52	0.04	< 10	< 10	40	< 10	72
16BSS-0247	201	202	< 1	0.01	15	770	6	< 2	3	52	0.04	< 10	< 10	36	< 10	68
16BSS-0248	201	202	1	< 0.01	15	510	8	< 2	1	24	0.01	< 10	< 10	38	< 10	62
16BSS-0249	201	202	2	< 0.01	16	560	8	< 2	1	23	0.01	< 10	< 10	38	< 10	62
16BSS-0250	201	202	1	0.01	14	750	4	< 2	3	49	0.04	< 10	< 10	35	< 10	68
16B-0251	201	202	4	< 0.01	48	740	10	< 2	4	55	0.04	< 10	< 10	57	< 10	278
16B-0252	201	202	4	< 0.01	48	740	6	< 2	4	58	0.04	< 10	< 10	60	< 10	282
16B-0253	201	202	4	< 0.01	59	750	8	2	4	64	0.04	< 10	< 10	62	< 10	330
16B-0254	201	202	5	< 0.01	52	760	6	< 2	4	60	0.04	< 10	< 10	63	< 10	290
16B-0255	201	202	4	< 0.01	48	740	10	< 2	4	58	0.04	< 10	< 10	60	< 10	268
16B-0256	201	202	5	0.01	59	780	8	2	4	67	0.04	< 10	< 10	68	< 10	362
16BSS-0268	201	202	7	0.01	37	1510	18	2	3	83	0.01	< 10	< 10	75	< 10	146
16BSS-0269	201	202	7	0.01	38	1560	20	2	3	87	0.01	< 10	< 10	76	< 10	152
16BSS-0270	201	202	12	0.02	50	1990	24	2	5	183	0.01	< 10	< 10	87	< 10	218
16BSS-0271	201	202	11	0.02	49	1940	22	< 2	4	163	< 0.01	< 10	< 10	71	< 10	218
16BSS-0272	201	202	4	0.01	27	1690	10	< 2	1	60	0.01	< 10	< 10	60	< 10	160
16BSS-0273	201	202	4	< 0.01	28	1300	14	< 2	2	51	0.01	< 10	< 10	62	< 10	134
16BSS-0274	201	202	5	< 0.01	31	1440	14	< 2	3	87	0.01	< 10	< 10	52	< 10	142
16BSS-0275	201	202	5	0.01	33	1430	12	< 2	4	86	0.02	< 10	< 10	56	< 10	148
16BSS-0276	201	202	5	< 0.01	22	1320	10	< 2	3	55	0.01	< 10	< 10	55	< 10	98
16BSS-0277	201	202	5	0.01	24	1320	10	< 2	3	59	0.01	< 10	< 10	62	< 10	100
16BSS-0278	201	202	6	0.01	43	1390	10	2	3	171	0.01	< 10	< 10	51	< 10	124
16BSS-0279	201	202	5	0.01	41	1300	8	< 2	3	177	0.01	< 10	< 10	45	< 10	110
16BSS-0280	201	202	6	0.01	43	1390	14	< 2	3	185	0.01	< 10	< 10	55	< 10	128
16BSS-0281	201	202	8	0.01	51	2300	16	< 2	3	149	0.01	< 10	< 10	81	< 10	194
16BSS-0282	201	202	7	0.01	51	2240	14	< 2	3	148	0.01	< 10	< 10	71	< 10	182
16BSS-0283	201	202	7	0.01	51	2270	14	< 2	3	146	0.01	< 10	< 10	74	< 10	188
16BS-0284	201	202	1	< 0.01	30	700	8	< 2	4	82	0.03	< 10	< 10	44	< 10	104
16BS-0285	201	202	1	< 0.01	32	800	6	< 2	4	99	0.04	< 10	< 10	45	< 10	104
16BS-0286	201	202	1	< 0.01	29	730	8	< 2	4	88	0.03	< 10	< 10	43	< 10	102
16BS-0287	201	202	2	< 0.01	33	940	10	< 2	4	102	0.03	< 10	< 10	45	< 10	120
18BSS-0185	201	202	1	< 0.01	16	650	8	< 2	2	15	0.03	< 10	< 10	41	< 10	58
18BSS-0186	201	202	1	< 0.01	14	460	6	< 2	1	12	0.03	< 10	< 10	42	< 10	52
18BSS-0187	201	202	< 1	< 0.01	15	580	8	2	3	15	0.04	< 10	< 10	44	< 10	52
18BSS-0188	201	202	< 1	< 0.01	15	600	6	< 2	2	16	0.04	< 10	< 10	44	< 10	54
18BSS-0189	201	202	< 1	< 0.01	16	710	6	< 2	2	23	0.05	< 10	< 10	44	< 10	62
18BS-0191	201	202	1	< 0.01	62	940	6	< 2	1	34	0.03	< 10	< 10	37	< 10	84
18BS-0192	201	202	< 1	< 0.01	107	820	6	< 2	2	31	0.03	< 10	< 10	36	< 10	128
18BSS-0193	201	202	3	0.01	17	1490	8	< 2	< 1	30	0.01	< 10	< 10	46	< 10	44
18BSS-0194	201	202	1	< 0.01	29	800	10	< 2	3	35	0.04	< 10	< 10	56	< 10	104

CERTIFICATION:_____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN:GEORGE NICHOLSON

Certificate Date: 08-OCT-97
Invoice No. : I9743852
P.O. Number :
Account : PHY

CERTIFICATE OF ANALYSIS · A9743852

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
18BSS-0195	201	202	< 5	< 0.2	1.53	12	350	< 0.5	< 2	0.13	< 0.5	7	27	29	2.54	< 10	170	0.07	10	0.35	310
18BSS-0196	201	202	< 5	< 0.2	1.41	10	490	0.5	< 2	0.26	< 0.5	11	27	48	2.77	< 10	270	0.11	10	0.36	885
18BSS-0197	201	202	15	0.2	1.47	12	470	0.5	< 2	0.27	1.0	11	28	48	2.70	< 10	310	0.10	10	0.39	855
18BS-0198	201	202	10	0.4	1.32	6	460	0.5	< 2	0.36	3.5	9	26	22	1.97	< 10	300	0.06	10	0.38	4010
18BS-0199	201	202	< 5	0.2	1.26	6	430	< 0.5	< 2	0.37	1.5	13	23	21	2.13	< 10	200	0.05	10	0.39	3880
18BS-0200	201	202	20	0.2	1.33	6	460	0.5	< 2	0.35	1.5	13	24	22	2.21	< 10	230	0.06	10	0.39	4150
18BS-0201	201	202	< 5	< 0.2	1.46	8	560	0.5	< 2	0.32	2.0	17	26	28	2.63	< 10	230	0.08	10	0.40	4970
18BS-0202	201	202	< 5	< 0.2	1.45	10	520	0.5	< 2	0.35	1.5	14	25	29	2.61	< 10	270	0.09	10	0.40	3690
18BS-0203	201	202	< 5	< 0.2	1.51	4	500	0.5	< 2	0.38	2.0	14	27	28	2.51	< 10	250	0.09	10	0.42	4150
18BS-0204	201	202	20	0.4	1.10	4	510	< 0.5	< 2	1.60	2.0	7	27	51	1.79	< 10	3150	0.13	< 10	0.51	1335
18BS-0205	201	202	15	0.4	1.00	4	470	< 0.5	< 2	1.66	2.0	7	27	55	1.72	< 10	3810	0.12	< 10	0.49	1045
18BSS-0207	201	202	10	1.4	1.37	10	730	< 0.5	< 2	0.14	0.5	6	28	85	2.31	< 10	370	0.14	< 10	0.20	150
18BSS-0208	201	202	35	< 0.2	1.01	8	410	< 0.5	< 2	0.08	< 0.5	6	25	50	2.47	< 10	50	0.08	< 10	0.12	215
18BSS-0209	201	202	30	1.8	1.52	< 2	1860	0.5	< 2	0.57	2.0	7	21	76	1.79	< 10	430	0.11	30	0.24	295
18BSS-0210	201	202	25	0.8	2.36	8	1310	0.5	< 2	0.43	0.5	8	30	56	2.55	< 10	350	0.23	10	0.85	225
18BSS-0211	201	202	5	1.0	1.30	< 2	860	0.5	< 2	1.44	0.5	6	17	46	1.42	< 10	400	0.08	30	0.31	405
18BSS-0212	201	202	15	1.0	1.66	10	970	0.5	< 2	0.47	< 0.5	14	26	56	2.81	< 10	340	0.11	10	0.49	815
18BSS-0213	201	202	10	1.6	1.69	36	820	0.5	< 2	0.81	1.5	101	30	48	4.23	< 10	510	0.07	< 10	0.31	5800
18BSS-0214	201	202	< 5	0.6	1.62	8	840	< 0.5	< 2	0.51	1.5	14	26	39	2.09	< 10	280	0.08	10	0.43	1345
18BSS-0215	201	202	10	0.6	1.63	6	980	0.5	< 2	0.58	1.5	18	26	50	2.24	< 10	350	0.11	10	0.51	2040
18BSS-0217	201	202	5	0.4	1.55	8	630	< 0.5	< 2	0.53	0.5	15	24	36	2.26	< 10	290	0.11	10	0.45	1305
18BSS-0218	201	202	10	0.6	1.57	8	870	< 0.5	< 2	0.64	1.5	35	23	36	2.36	< 10	320	0.09	10	0.42	6260
18BSS-0219	201	202	5	0.2	1.56	< 2	480	< 0.5	< 2	0.41	< 0.5	7	24	21	1.80	< 10	200	0.09	10	0.46	285
18BSS-0220	201	202	< 5	0.4	1.19	8	370	< 0.5	< 2	0.29	< 0.5	7	21	28	2.21	< 10	180	0.08	10	0.32	175
18BS-0221	201	202	< 5	< 0.2	1.24	6	370	< 0.5	< 2	0.35	< 0.5	10	19	22	1.88	< 10	140	0.08	10	0.36	680
18BSS-0222	201	202	< 5	0.2	1.73	6	540	< 0.5	< 2	0.58	0.5	14	26	32	2.20	< 10	230	0.11	10	0.51	885
18BSS-0223	201	202	< 5	0.2	1.46	6	510	< 0.5	< 2	0.55	0.5	11	22	30	2.01	< 10	200	0.11	10	0.43	855
18BSS-0224	201	202	< 5	< 0.2	1.46	6	430	< 0.5	< 2	0.57	0.5	11	22	28	1.91	< 10	170	0.08	10	0.45	940
18BS-0225	201	202	< 5	< 0.2	1.44	8	390	< 0.5	< 2	0.49	< 0.5	8	25	24	2.29	< 10	100	0.07	10	0.49	240
18BS-0226	201	202	< 5	< 0.2	1.23	6	320	< 0.5	< 2	0.41	< 0.5	6	19	16	1.68	< 10	70	0.06	10	0.43	200
18BS-0227	201	202	< 5	< 0.2	1.23	2	400	< 0.5	< 2	0.43	< 0.5	7	19	19	1.65	< 10	100	0.07	10	0.41	290
18BS-0228	201	202	< 5	< 0.2	1.11	< 2	340	< 0.5	< 2	0.38	< 0.5	6	17	15	1.40	< 10	110	0.06	10	0.37	215
18BS-0229	201	202	< 5	< 0.2	1.05	6	330	< 0.5	< 2	0.37	< 0.5	6	15	14	1.48	< 10	90	0.06	10	0.37	250
18BS-0230	201	202	< 5	< 0.2	1.06	2	310	< 0.5	< 2	0.39	< 0.5	6	17	15	1.46	< 10	90	0.05	10	0.37	285

CERTIFICATION: _____

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Analytical Chemists * Geochemists * Registered Assayers

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To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN:GEORGE NICHOLSON

Certificate Date: 08-OCT-97
Invoice No. : I9743852
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9743852

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
18BSS-0195	201	202	2	< 0.01	19	690	12	< 2	2	27	0.03	< 10	< 10	54	< 10	66
18BSS-0196	201	202	3	< 0.01	41	860	12	2	4	46	0.04	< 10	< 10	58	< 10	124
18BSS-0197	201	202	3	< 0.01	55	970	10	2	4	42	0.03	< 10	< 10	55	< 10	178
18BS-0198	201	202	1	< 0.01	289	1040	6	< 2	1	38	0.02	< 10	< 10	33	< 10	316
18BS-0199	201	202	1	< 0.01	171	950	8	< 2	1	39	0.02	< 10	< 10	34	< 10	230
18BS-0200	201	202	1	< 0.01	194	970	6	< 2	1	39	0.03	< 10	< 10	37	< 10	266
18BS-0201	201	202	1	< 0.01	224	980	8	< 2	2	44	0.03	< 10	< 10	44	< 10	318
18BS-0202	201	202	2	< 0.01	180	1010	8	< 2	2	48	0.03	< 10	< 10	45	< 10	284
18BS-0203	201	202	1	< 0.01	196	1050	8	< 2	2	47	0.04	< 10	< 10	44	< 10	298
18BS-0204	201	202	2	0.01	133	1710	6	< 2	2	126	0.01	< 10	10	34	< 10	134
18BS-0205	201	202	3	< 0.01	139	1730	6	< 2	2	125	0.01	< 10	20	32	< 10	114
18BSS-0207	201	202	3	< 0.01	44	1500	8	< 2	< 1	56	< 0.01	< 10	< 10	86	< 10	198
18BSS-0208	201	202	1	< 0.01	27	950	12	< 2	< 1	22	< 0.01	< 10	< 10	56	< 10	100
18BSS-0209	201	202	1	< 0.01	42	1560	8	< 2	4	64	< 0.01	< 10	< 10	29	< 10	66
18BSS-0210	201	202	3	< 0.01	34	880	10	< 2	5	40	0.01	< 10	< 10	48	< 10	110
18BSS-0211	201	202	1	< 0.01	23	1480	6	< 2	3	62	< 0.01	< 10	< 10	29	< 10	50
18BSS-0212	201	202	3	< 0.01	37	1240	10	< 2	3	48	0.01	< 10	< 10	79	< 10	106
18BSS-0213	201	202	19	< 0.01	48	5520	16	2	3	89	0.01	< 10	10	409	< 10	122
18BSS-0214	201	202	4	< 0.01	41	1140	8	< 2	2	59	0.01	< 10	< 10	68	< 10	116
18BSS-0215	201	202	3	< 0.01	38	1470	8	< 2	3	63	0.01	< 10	< 10	79	< 10	152
18BSS-0217	201	202	3	< 0.01	33	1150	10	< 2	3	53	0.01	< 10	< 10	71	< 10	140
18BSS-0218	201	202	8	< 0.01	45	1150	12	< 2	4	49	0.02	< 10	< 10	83	< 10	124
18BSS-0219	201	202	1	< 0.01	23	770	8	< 2	3	33	0.03	< 10	< 10	50	< 10	76
18BSS-0220	201	202	1	< 0.01	26	900	14	< 2	3	33	0.01	< 10	< 10	54	< 10	94
18BS-0221	201	202	1	< 0.01	23	730	10	< 2	3	31	0.02	< 10	< 10	50	< 10	98
18BSS-0222	201	202	1	< 0.01	33	1000	10	< 2	4	48	0.03	< 10	< 10	61	< 10	124
18BSS-0223	201	202	2	< 0.01	29	940	8	< 2	3	45	0.03	< 10	< 10	58	< 10	120
18BSS-0224	201	202	1	< 0.01	27	860	8	2	4	39	0.03	< 10	< 10	48	< 10	106
18BS-0225	201	202	1	0.01	23	810	8	< 2	4	38	0.05	< 10	< 10	53	< 10	84
18BS-0226	201	202	< 1	< 0.01	20	630	6	< 2	3	31	0.04	< 10	< 10	40	< 10	74
18BS-0227	201	202	1	< 0.01	21	650	8	< 2	3	35	0.03	< 10	< 10	41	< 10	78
18BS-0228	201	202	< 1	< 0.01	19	580	6	< 2	2	30	0.03	< 10	< 10	36	< 10	70
18BS-0229	201	202	< 1	< 0.01	18	620	6	< 2	2	30	0.03	< 10	< 10	35	< 10	70
18BS-0230	201	202	< 1	< 0.01	17	610	6	< 2	3	30	0.03	< 10	< 10	36	< 10	70

CERTIFICATION: Stewart Pandalchuk

GEOLOGICAL, GEOPHYSICAL, AND GEOCHEMICAL

ASSESSMENT REPORT

ON THE

OKI-DOKI PROJECT CLAIMS

DAWSON AND MAYO MINING DISTRICTS

YUKON TERRITORY

Latitude: 64° 08' North
Longitude: 138° 12' West

N.T.S. Map Sheets
116A/2,3,4,5;
116B/1,2;
115P/13,14,15

093768

Volume 3B

for

INTERNATIONAL KODIAK RESOURCES INC.
1210 – 675 West Hastings Street
Vancouver, B.C.
V6B 1N2

by

Val P. Van Damme, P.Geo
Brian T. Malahoff, P.Geo
Curtis A. Kauss, B.A.

December 30th, 1997

RECEIVED
JAN 21 1998
MINING
RECORDERS OFFICE
DAWSON, Y.T.

Chemex Labs Ltd.

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

To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9744304

Comments: ATTN: GEORGE NICHOLSON

CERTIFICATE A9744304

(PHY) - INTERNATIONAL KODIAK RESOURCES INC.

Project:
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 8-OCT-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	252	Pulp; prev. prepared at Chemex

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
20	246	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 08-OCT-97
Invoice No. :I9744304
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744304

SAMPLE	PREP CODE		Hg ppb
1CS0001	244	--	380
1CS0002	244	--	390
1CS0003	244	--	400
1CS0004	244	--	290
1CS0005	244	--	330
1CS0006	244	--	380
1CS0007	--	--	NotRcd
1CS0008	244	--	450
1CS0009	--	--	NotRcd
1CS0010	244	--	1160
1CS0011	244	--	690
1CS0012	244	--	700
1CS0013	244	--	580
1CS0014	244	--	not/ss
1CS0015	--	--	NotRcd
1CS0016	--	--	NotRcd
1CS0017	244	--	430
1CS0018	244	--	570
1CS0019	244	--	290
1CS0020	--	--	NotRcd
1CS0021	244	--	760
1CS0022	244	--	470
1CS0023	244	--	360
1CS0024	244	--	940
1CS0026	244	--	340
1CS0027	244	--	170
1CS0028	244	--	360
1CS0029	244	--	40
1CS0030	244	--	80
1CS0031	244	--	280
1CS0032	244	--	320
1CS0033	244	--	300
1CS0034	244	--	480
1CS0035	244	--	280
1CS0036	244	--	130
1CS0037	244	--	350
1CS0038	244	--	460
1CS0039	--	--	NotRcd
1CS0040	244	--	160
1CS0041	244	--	< 10

CERTIFICATION: Stewart Bamber

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 08-OCT-97
Invoice No. :19744304
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744304

SAMPLE	PREP CODE	Hg ppb
1CS0042	244 --	40
1CS0043	244 --	210
1CS0044	244 --	< 10
1CS0045	244 --	310
1CS0046	244 --	240
1CS0047	244 --	60
1CS0048	244 --	not/ss
1CS0049	244 --	240
1CS0050	244 --	280
1CS0051	244 --	90
1CS0052	244 --	70
1CS0053	244 --	290
1CS0054	244 --	150
1CS0055	244 --	170
1CS0056	244 --	160
1CS0057	244 --	580
1CS0058	-- --	NotRcd
1CS0059	-- --	NotRcd
1CS0060	244 --	360
2CS0001	244 --	420
2CS0002	244 --	710
2CS0003	244 --	390
2CS0004	244 --	590
2CS0005	244 --	1030
2CS0006	244 --	580
2CS0008	244 --	470
2CS0009	244 --	440
2CS0010	244 --	430
2CS0011	244 --	480
2CS0012	244 --	530
2CS0013	244 --	540
2CS0014	244 --	550
2CS0015	244 --	320
2CS0016	244 --	460
2CS0017	244 --	not/ss
2CS0018	244 --	530
2CS0019	244 --	700
2CS0020	244 --	460
2CS0021	244 --	420
2CS0022	244 --	350

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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British Columbia, Canada V7J 2C1
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CERTIFICATE OF ANALYSIS A9744304

SAMPLE	PREP CODE	Hg ppb
2CS0023	244 --	310
2CS0024	244 --	330
2CS0025	244 --	300
2CS0026	244 --	300
2CS0027	244 --	300
2CS0028	244 --	430
2CS0029	-- --	NotRcd
2CS0030	244 --	420
2CS0031	244 --	480
2CS0032	244 --	550
3CS97006	244 --	200
3CS97007	244 --	130
3CS97008	244 --	not/ss
3CS97009	244 --	230
3CS97010	244 --	200
3CS97011	244 --	150
3CS97012	244 --	160
3CS97013	244 --	270
3CS97014	244 --	280
3CS97015	244 --	270
3CS97016	244 --	280
3CS97017	244 --	250
3CS97018	244 --	270
3CS97019	244 --	190
3CS97020	244 --	220
3CS97021	244 --	140
4CS0006	244 --	250
4CS0007	244 --	250
4CS0008	244 --	280
4CS0009	244 --	350
4CS0010	244 --	280
4CS0011	244 --	280
4CS0012	244 --	220
4CS0013	244 --	250
4CS0014	244 --	220
4CS0015	244 --	240
4CS0016	244 --	not/ss
4CS0017	244 --	220
4CS0018	244 --	340
4CS0019	244 --	220

CERTIFICATION:

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Page Number :4
Total Pages :7
Certificate Date: 08-OCT-97
Invoice No. :I9744304
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Account :PHY

CERTIFICATE OF ANALYSIS A9744304

SAMPLE	PREP CODE		Hg ppb
4CS0021	244	--	240
4CS0022A	244	--	250
4CS0022B	244	--	310
4CS0023	244	--	360
4CS0024	244	--	190
4CS0025	244	--	310
4CS0026	244	--	390
4CS0027	244	--	380
4CS0028	244	--	560
4CS0029	244	--	440
4CS0030	244	--	380
4CS0031	244	--	420
4CS0032	244	--	530
4CS0033	244	--	410
4CS0034	244	--	520
4CS0035	--	--	NotRcd
4CS0036	--	--	NotRcd
4CS0037	244	--	350
4CS0038	244	--	190
4CS0039A	244	--	300
4CS0039B	244	--	270
4CS0041	244	--	260
4CS0042	244	--	210
4CS0043	244	--	330
4CS0045A	244	--	280
4CS0045B	244	--	290
4CS0046	244	--	290
4CS0047	244	--	460
4CS0048	244	--	340
4CS0049	244	--	350
4CS0050	244	--	310
4CS0051	244	--	360
4CS0052	244	--	350
4CS0053	244	--	370
4CS0054	244	--	340
4CS0055	244	--	350
4CS0056	244	--	440
4CS0057	244	--	290
4CS0058	244	--	320
4CS0059	244	--	250

CERTIFICATION:_____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 08-OCT-97
Invoice No. :I9744304
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744304

SAMPLE	PREP CODE	Hg ppb
4CS0060	244 --	290
4CS0061	244 --	410
4CS0062	244 --	260
4CS0063	244 --	240
4CS0064	244 --	300
4CS0065	244 --	250
4CS0067	244 --	220
5CS0001	244 --	30
5CS0002	244 --	110
5CS0003	244 --	not/ss
5CS0004	244 --	80
5CS0005	244 --	150
5CS0006	244 --	140
5CS0007	244 --	120
5CS0008	244 --	1050
5CS0009	244 --	250
5CS0010	244 --	110
5CS0011	244 --	290
5CS0012	244 --	190
5CS0013	244 --	240
5CS0014	244 --	200
5CS0015	244 --	200
5CS0016	244 --	160
5CS0017	244 --	220
5CS0018	244 --	170
5CS0019	244 --	280
5CS0020	244 --	270
5CS0021	244 --	190
5CS0022	244 --	170
5CS0023	244 --	170
5CS0024	244 --	170
5CS0025	244 --	390
5CS0026	244 --	240
5CS0027	244 --	250
5CS0028	244 --	130
5CS0029	244 --	250
5CS0030	244 --	350
5CS0031	244 --	310
5CS0032	244 --	480
5CS0033	244 --	410

CERTIFICATION:

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British Columbia, Canada V7J 2C1
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To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Page Number :6
Total Pages :7
Certificate Date: 08-OCT-97
Invoice No. :I9744304
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744304

SAMPLE	PREP CODE	Hg ppb
5CS0034	244 --	450
5CS0035	244 --	180
5CS0036	244 --	330
5CS0037	244 --	280
5CS0038	244 --	330
5CS0039	244 --	300
5CS0040	244 --	300
5CS0041	244 --	370
5CS0042	244 --	380
5CS0043	244 --	490
5CS0044	244 --	440
5CS0045	244 --	490
5CS0046	244 --	500
5CS0047	244 --	290
5CS0048	244 --	440
5CS0049	244 --	300
5CS0050	244 --	70
5CS0051	244 --	150
5CS0052	244 --	590
5CS0053	244 --	470
5CS0054	244 --	370
5CS0055	244 --	360
5CS0056	244 --	420
5CS0057	244 --	340
5CS0058	244 --	480
5CS0059	244 --	390
5CS0060	244 --	470
5CS0061	244 --	610
5CS0062	244 --	1310
5CS0063	244 --	280
5CS0064	244 --	260
5CS0065	244 --	100
5CS0066	244 --	160
5CS0067	244 --	260
5CS0068	244 --	320
5CS0069	244 --	180
5CS0070	244 --	200
5CS0071	244 --	210
5CS0072	244 --	230
5CS0073	244 --	130

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

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VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 08-OCT-97
Invoice No. : I9744304
P.O. Number :
Account : PHY

CERTIFICATE OF ANALYSIS A9744304

SAMPLE	PREP CODE	Hg ppb
5CS0074	244 --	60
5CS0075	244 --	250
5CS0076	244 --	220
5CS0077	244 --	240
5CS0078	244 --	410
5CS0079	244 --	520
5CS0080	244 --	80
5CS0081	244 --	220
5CS0082	244 --	190
5CS0083	244 --	250
5CS0084	244 --	230
5CS0085	244 --	190
5CS0086	244 --	190
5CS0087	244 --	210
5CS0088	244 --	230
5CS0089	244 --	360
5CS0090	244 --	740
5CS0091	244 --	590
5CS0092	244 --	210
5CS0093	244 --	150
5CS0094	244 --	240
5CS0095	244 --	300
5CS0096	244 --	370

CERTIFICATION:_____

Chemex Labs Ltd.

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

To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9744306

Comments: ATTN: GEORGE NICHOLSON

CERTIFICATE A9744306

(PHY) - INTERNATIONAL KODIAK RESOURCES INC.

Project:
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 9-OCT-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	35	Pulp; prev. prepared at Chemex

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
20	34	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Page Number :1
Total Pages :1
Certificate Date: 09-OCT-97
Invoice No. :19744306
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744306

SAMPLE	PREP CODE	Hg ppb
15CS0001	244 --	450
15CS0002	244 --	510
15CS0003	244 --	340
15CS0004	244 --	360
15CS0005	244 --	220
15CS0006	244 --	330
15CS0007	244 --	160
15CS0008	244 --	230
15CS0009	244 --	170
15CS0010	244 --	140
15CS0011	244 --	250
15CS0012	244 --	270
15CS0013	244 --	380
15CS0016	244 --	450
15CS0017	244 --	480
15CS0018	244 --	590
15CS0019	244 --	650
15CS0020	244 --	540
15CS0021	244 --	620
15CS0022	244 --	510
15CS0023	244 --	350
15CS0024	244 --	150
15CS0025	244 --	340
15CS0026	244 --	250
15CS0027	244 --	not/ss
15CS0028	244 --	160
15CS0029	244 --	430
15CS0030	244 --	200
15CS0031	244 --	350
15CS0032	244 --	290
15CS0033	244 --	200
15CS0034	244 --	480
15CS0035	244 --	380
15CS0036	244 --	310
15CS0037	244 --	320

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Page Number :1
Total Pages :1
Certificate Date: 09-OCT-97
Invoice No. :I9744306
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744306

SAMPLE	PREP CODE	Hg ppb
15CS0001	244 --	450
15CS0002	244 --	510
15CS0003	244 --	340
15CS0004	244 --	360
15CS0005	244 --	220
15CS0006	244 --	330
15CS0007	244 --	160
15CS0008	244 --	230
15CS0009	244 --	170
15CS0010	244 --	140
15CS0011	244 --	250
15CS0012	244 --	270
15CS0013	244 --	380
15CS0016	244 --	450
15CS0017	244 --	480
15CS0018	244 --	590
15CS0019	244 --	650
15CS0020	244 --	540
15CS0021	244 --	620
15CS0022	244 --	510
15CS0023	244 --	350
15CS0024	244 --	150
15CS0025	244 --	340
15CS0026	244 --	250
15CS0027	244 --	not/ss
15CS0028	244 --	160
15CS0029	244 --	430
15CS0030	244 --	200
15CS0031	244 --	350
15CS0032	244 --	290
15CS0033	244 --	200
15CS0034	244 --	480
15CS0035	244 --	380
15CS0036	244 --	310
15CS0037	244 --	320

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9744307

Comments: ATTN: GEORGE NICHOLSON

CERTIFICATE A9744307

(PHY) - INTERNATIONAL KODIAK RESOURCES INC.

Project:
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 8-OCT-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	226	Pulp; prev. prepared at Chemex

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
20	226	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Page Number :1
Total Pages :6
Certificate Date: 08-OCT-97
Invoice No. : I9744307
P.O. Number :
Account : PHY

CERTIFICATE OF ANALYSIS A9744307

SAMPLE	PREP CODE		Hg ppb
6CS0001	244	--	40
6CS0002	244	--	980
6CS0003	244	--	670
6CS0004	244	--	540
6CS0005	244	--	280
6CS0006	244	--	260
6CS0007	244	--	240
6CS0008	244	--	370
6CS0009	244	--	330
6CS0014	244	--	1690
6CS0016	244	--	1580
6CS0017	244	--	1140
6CS0018	244	--	980
6CS0019	244	--	680
6CS0020	244	--	630
6CS0021	244	--	570
6CS0022	244	--	490
6CS0025	244	--	590
6CS0026	244	--	430
6CS0028	244	--	430
6CS0029	244	--	520
6CS0030	244	--	540
6CS0031	244	--	160
6CS0033	244	--	310
6CS0034	244	--	570
6CS0035	244	--	450
6CS0036	244	--	940
6CS0037	244	--	680
6CS0038	244	--	520
6CS0039	244	--	380
6CS0040	--	--	not/ss
6CS0041	244	--	490
6CS0042	244	--	340
6CS0043	244	--	410
6CS0044	244	--	720
6CS0045	244	--	510
6CS0046	244	--	1000
6CS0047	244	--	510
6CS0049	244	--	540
6CS0050	244	--	730

CERTIFICATION: _____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 08-OCT-97
Invoice No. :19744307
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744307

SAMPLE	PREP CODE		Hg ppb
6CS0051	244	--	460
6CS0053	244	--	610
6CS0054	244	--	450
6CS0055	244	--	580
C70001VEG	244	--	250
C70007	244	--	450
C70008	244	--	490
C70027	244	--	20
C70028	244	--	230
C70031	244	--	150
8CS0001	244	--	390
8CS0002	244	--	60
8CS0003	244	--	1430
8CS0004	--	--	not/ss
8CS0005	244	--	180
8CS0006	244	--	590
8CS0007	244	--	390
8CS0008	244	--	270
8CS0009	--	--	not/ss
8CS0011	244	--	490
8CS0012	244	--	860
8CS0013	244	--	500
8CS0014	244	--	520
8CS0015	244	--	540
8CS0016	244	--	480
8CS0017	244	--	380
8CS0018	244	--	450
8CS0019	244	--	380
8CS0020	244	--	600
8CS0021	244	--	30
8CS0022	244	--	250
8CS0023	244	--	50
8CS0024	244	--	220
8CS0025	244	--	20
8CS0026	244	--	490
8CS0027	244	--	170
8CS0028	244	--	60
8CS0029	244	--	50
8CS0030	244	--	260
8CS0031	244	--	70

CERTIFICATION:

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To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 08-OCT-97
Invoice No. : I9744307
P.O. Number :
Account : PHY

CERTIFICATE OF ANALYSIS A9744307

SAMPLE	PREP CODE		Hg ppb
8CS0032	244	--	460
8CS0033	244	--	90
8CS0034	244	--	40
8CS0035	244	--	840
8CS0036	244	--	370
8CS0037	244	--	60
8CS0038	244	--	40
8CS0039	244	--	190
8CS0040	244	--	230
8CS0041	244	--	330
8CS0042	244	--	210
8CS0043	244	--	190
8CS0044	244	--	270
8CS0045	244	--	100
8CS0046	244	--	260
8CS0047	244	--	240
8CS0048	--	--	NotRcd
8CS0049	244	--	100
8CS0050	244	--	220
9CS0001	244	--	70
9CS0002	244	--	90
9CS0003	244	--	130
9CS0004	244	--	200
9CS0005	244	--	210
9CS0006	--	--	not/ss
9CS0007	--	--	not/ss
9CS0008	244	--	290
9CS0009	244	--	320
9CS0010	244	--	300
9CS0011	244	--	250
9CS0012	244	--	240
9CS0013	244	--	290
9CS0014	244	--	200
9CS0015	244	--	290
9CS0016	244	--	320
9CS0017	244	--	320
9CS0018	244	--	280
9CS0019	244	--	260
9CS0020	244	--	320
9CS0021	244	--	330

CERTIFICATION:_____

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VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 08-OCT-97
Invoice No. : I9744307
P.O. Number :
Account : PHY

CERTIFICATE OF ANALYSIS A9744307

SAMPLE	PREP CODE	Hg ppb
9CS0022	244 --	300
9CS0023	244 --	360
9CS0024	244 --	350
9CS0025	244 --	390
9CS0026	244 --	360
9CS0027	244 --	400
9CS0028	244 --	450
9CS0029	244 --	440
9CS0030	244 --	480
9CS0031	244 --	400
9CS0032	244 --	420
9CS0033	244 --	350
9CS0034	244 --	370
9CS0035	244 --	310
9CS0036	244 --	300
9CS0037	244 --	300
9CS0038	244 --	300
9CS0039	244 --	350
9CS0040	244 --	310
9CS0041	244 --	340
9CS0042	244 --	340
9CS0043	244 --	360
9CS0044	244 --	550
9CS0045	244 --	780
9CS0046	244 --	730
9CS0047	244 --	310
9CS0048	244 --	420
9CS0049	244 --	290
9CS0051	244 --	360
9CS0052	244 --	500
9CS0053	244 --	660
9CS0054	244 --	520
9CS0055	244 --	480
9CS0056	244 --	510
9CS0058	244 --	480
9CS0059	244 --	490
9CS0060	244 --	480
9CS0061	244 --	430
9CS0063	244 --	460
9CS0064	244 --	400

CERTIFICATION:_____

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VANCOUVER, BC
V6B 1N2

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Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 08-OCT-97
Invoice No. : I9744307
P.O. Number :
Account : PHY

CERTIFICATE OF ANALYSIS A9744307

SAMPLE	PREP CODE	Hg ppb
9CS0065	244 --	350
9CS0066	244 --	390
9CS0067	244 --	470
9CS0068	244 --	130
9CS0069	244 --	260
9CS0070	244 --	330
9CS0071	244 --	400
9CS0072	244 --	330
9CS0073	244 --	370
9CS0074	244 --	360
9CS0075	244 --	360
9CS0076	244 --	380
9CS0077	244 --	410
C11S00001	244 --	80
12CS0001	244 --	210
12CS0002	244 --	480
12CS0003	244 --	370
12CS0004	244 --	390
12CS0005	244 --	280
12CS0006	244 --	340
12CS0007	244 --	430
12CS0008	244 --	290
12CS0009	244 --	210
12CS0010	244 --	250
12CS0011	244 --	320
12CS0012	244 --	250
12CS0013	244 --	190
12CS0014	244 --	160
12CS0015	244 --	190
12CS0016	244 --	270
12CS0017	244 --	240
12CS0018	244 --	270
12CS0019	244 --	200
12CS0020	244 --	150
12CS0021	244 --	310
12CS0022	244 --	340
12CS0023	244 --	460
12CS0024	244 --	210
12CS0025	244 --	290
12CS0026	244 --	210

CERTIFICATION:

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VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 08-OCT-97
Invoice No. : I9744307
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744307

SAMPLE	PREP CODE	Hg ppb
12CS0027	244 --	200
12CS0028	244 --	160
12CS0029	244 --	150
12CS0030	244 --	150
12CS0031	244 --	270
12CS0032	244 --	350
12CS0033	244 --	320
12CS0035	244 --	170
12CS0036	244 --	170
12CS0037	244 --	160
12CS0038	244 --	120
12CS0039	244 --	240
12CS0040	244 --	190
12CS0041	244 --	150
12CS0042	244 --	150
12CS0043	244 --	260
12CS0044	244 --	410
12CS0046	244 --	300
12CS0047	244 --	240
12CS0048	244 --	200
12CS0049	244 --	220
12CS0050	244 --	250
12CS0051	244 --	210
12CS0052	244 --	250
12CS0053	244 --	200
12CS0055	244 --	270
12CS0056	244 --	120
12CS0057	244 --	180
12CS0058	244 --	190
12CS0059	244 --	120
12CS0060	244 --	180
13CS0001	244 --	60

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
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PHONE: 604-984-0221 FAX: 604-984-0218

To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9744308

Comments: ATTN: GEORGE NICHOLSON

CERTIFICATE A9744308

(PHY) - INTERNATIONAL KODIAK RESOURCES INC.

Project:
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 8-OCT-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	28	Pulp; prev. prepared at Chemex

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
20	28	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Page Number :1
Total Pages :1
Certificate Date: 08-OCT-97
Invoice No. :19744308
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744308

SAMPLE	PREP CODE		Hg ppb
C7-0002	244	--	730
C7-0003	244	--	420
C7-0004	244	--	590
C7-0005	244	--	600
C7-0010	244	--	470
C7-0011	244	--	330
C7-0012	244	--	380
C7-0013	244	--	500
C7-0014	244	--	440
C7-0015	244	--	360
C7-0016	--	--	NotRcd
C7-0017	244	--	470
C7-0018	244	--	60
C7-0020	244	--	240
C7-0021	244	--	190
C7-0023	244	--	210
C7-0025	244	--	210
C7-0030	244	--	330
C7-0035	244	--	400
8CSS0010	244	--	60
15CSS0014	244	--	250
3CSS970003	244	--	30
3CSS970004	244	--	50
4CSS00A	244	--	50
4CSS00B	--	--	NotRcd
4CSS0001	244	--	30
4CSS0002	244	--	50
4CSS0003	244	--	110
4CSS0004	244	--	60
4CSS0005	244	--	230

CERTIFICATION:_____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9744309

Comments: ATTN GEORGE NICHOLSON

CERTIFICATE A9744309

(PHY) - INTERNATIONAL KODIAK RESOURCES INC.

Project:
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 9-OCT-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	49	Pulp; prev. prepared at Chemex

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
20	49	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000

Chemex Labs Ltd.

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN GEORGE NICHOLSON

Page Number :1
Total Pages :2
Certificate Date: 09-OCT-97
Invoice No. :I9744309
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744309

SAMPLE	PREP CODE		Hg ppb
C1 ROCK 0009	244	--	360
C1 ROCK 0020	244	--	240
C1 ROCK 0025	244	--	60
C2 ROCK 0007	244	--	70
C2 ROCK 0033	244	--	150
C2 ROCK 0034	244	--	220
C2 ROCK 0035	244	--	100
C2 ROCK 0036	244	--	< 10
C2 ROCK 0037	244	--	< 10
C2 ROCK 0038	244	--	60
C3 ROCK 97001	244	--	90
C3 ROCK 97002	244	--	250
C3 ROCK 97005	244	--	50
C4 ROCK 0020	244	--	70
C4 ROCK 0035	244	--	180
C4 ROCK 0066	244	--	< 10
C6 ROCK 0006	244	--	50
C6 ROCK 0007	244	--	290
C6 ROCK 0009	244	--	100
C6 ROCK 0010	244	--	30
C6 ROCK 0011	244	--	240
C6 ROCK 0012	244	--	160
C6 ROCK 0013	244	--	390
C6 ROCK 0014	244	--	450
C6 ROCK 0023	244	--	90
C6 ROCK 0024	244	--	190
C6 ROCK 0027	244	--	240
C6 ROCK 0032	244	--	110
C6 ROCK 0048	--	--	not/ss
C6 ROCK 0052	244	--	250
C7 ROCK 0006	244	--	210
C7 ROCK 0009	244	--	320
C7 ROCK 0019	244	--	80
C7 ROCK 0022	244	--	180
C7 ROCK 0024	244	--	30
C7 ROCK 0026	244	--	10
C7 ROCK 0028	244	--	150
C7 ROCK 0029	244	--	30
C7 ROCK 0032	244	--	100
C7 ROCK 0033	244	--	< 10

CERTIFICATION: [signature]

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN GEORGE NICHOLSON

Certificate Date: 09-OCT-97
Invoice No. :19744309
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744309

SAMPLE	PREP CODE		Hg ppb
C7 ROCK 0034	244	--	50
C7 ROCK 0036	244	--	120
C9 ROCK 0030	244	--	10
C9 ROCK 0037	--	--	not/ss
C9 ROCK 0062	244	--	20
C11 ROCK 0002	244	--	60
C12 ROCK 0034	244	--	80
C12 ROCK 0045	244	--	100
C12 ROCK 0054	244	--	110
C13 ROCK 0002	244	--	40
C13 ROCK 0003	244	--	120

CERTIFICATION:

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

INVOICE NUMBER I9744310

BILLING INFORMATION

Date: 10-OCT-97
Project:
P.O. No.:
Account: PHY

Comments: LT511LPA.97Q

Billing: For analysis performed on Certificate A9744310

Terms: Payment due on receipt of invoice 1.25% per month (15% per annum) charged on overdue accounts

Please Remit Payments to:

CHEMEX LABS LTD.
212 Brooksbank Ave.,
North Vancouver, B.C.
Canada V7J 2C1



# OF SAMPLES	ANALYSED FOR CODE - DESCRIPTION	UNIT PRICE	SAMPLE PRICE	AMOUNT
61	244 - Pulp; prev. prepared at Chemex	0.00		
	20 - Hg ppb	5.25	5.25	320.25

Total Cost $	320.25
Client Discount (15%) $	-48.04
Net Cost $	272.21
(Reg# R100938885) GST $	19.05
TOTAL PAYABLE (CDN) $	**291.26**

Chemex Labs Ltd.

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

To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9744310

Comments: ATTN: GEORGE NICHOLSON

CERTIFICATE A9744310

(PHY) - INTERNATIONAL KODIAK RESOURCES INC.

Project:
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 9-OCT-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	61	Pulp; prev. prepared at Chemex

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
20	61	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 09-OCT-97
Invoice No. : I9744310
P.O. Number :
Account : PHY

CERTIFICATE OF ANALYSIS A9744310

SAMPLE	PREP CODE		Hg ppb
D7-0011	244	--	30
D7-0014	244	--	160
D7-0016	244	--	50
D7-0017	244	--	400
D7-0019	--	--	not/ss
D7-0021	244	--	220
D7-0022	244	--	50
D7-0023	244	--	110
D7-0024	244	--	40
D7-0025	244	--	60
D7-0027	244	--	60
D7-0028	244	--	60
D7-0065	244	--	70
D7-0066	--	--	not/ss
D7-0067	244	--	80
D7-0068	244	--	50
D7-0069	244	--	40
D7-0070	244	--	50
D7-0071	244	--	40
D7-0072	244	--	120
D7-0073	244	--	50
D7-0075	244	--	70
D7-0076	244	--	300
D7-0077	244	--	340
D7-0079	--	--	not/ss
D7-0084	244	--	160
D7-0085	244	--	30
D7-0086	244	--	110
D7-0087	244	--	180
D7-0088	244	--	150
D7-0089	244	--	170
D7-0090	244	--	170
D7-0091	244	--	150
D7-0094	244	--	160
D7-0097	244	--	120
D7-0098	244	--	180
D7-0099	244	--	160
D7-0101	244	--	30
D7-0102	244	--	110
D7-0103	244	--	40

CERTIFICATION: _____

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Page Number :2
Total Pages :2
Certificate Date: 09-OCT-97
Invoice No. :I9744310
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744310

SAMPLE	PREP CODE	Hg ppb
D7-0104	244 --	40
D7-0108	244 --	160
D7-0131	244 --	100
D7-0132	244 --	80
D7-0135	244 --	40
D7-0136	244 --	60
D7-0138	244 --	70
D7-0139	244 --	110
D7-0141	244 --	70
D7-0142	244 --	170
D7-0144	244 --	220
D7-0145	244 --	280
D7-0147	244 --	140
D7-0148	244 --	140
D7-0149	244 --	70
D7-0151	244 --	200
D7-0152	244 --	120
D7-0153	244 --	110
D7-0154	244 --	300
D7-0155	244 --	850
D7-0156	244 --	80
D7-0158	244 --	210
D7-0159	244 --	150
D7-0165	244 --	360

CERTIFICATION:

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212 Brooksbank Ave., North Vancouver
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PHONE: 604-984-0221 FAX: 604-984-0218

To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9744311

Comments: ATTN: GEORGE NICHOLSON

CERTIFICATE A9744311

(PHY) - INTERNATIONAL KODIAK RESOURCES INC.

Project:
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 9-OCT-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	17	Pulp; prev. prepared at Chemex

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
20	17	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000

Chemex Labs Ltd.

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Page Number :1
Total Pages :1
Certificate Date: 09-OCT-97
Invoice No. :I9744311
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744311

SAMPLE	PREP CODE		Hg ppb								
A7-0038	244	--	40								
A7-0039	244	--	10								
A7-0040	244	--	40								
A7-0045	244	--	100								
A7-0046	--	--	not/ss								
A7-0047	244	--	240								
A7-0048	244	--	100								
A7-0049	244	--	190								
A7-0050	244	--	90								
A7-0051	244	--	170								
A7-0052	244	--	310								
A7-0053	--	--	not/ss								
A7-0054	244	--	260								
A7-0055	244	--	120								
A7-0056	244	--	120								
A7-0057	244	--	170								
A7-0058	244	--	170								
A7-0062	244	--	400								
A7-0064	244	--	600								

CERTIFICATION: Ivan Pardo

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British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9744312

Comments: ATTN: GEORGE NICHOLSON

CERTIFICATE A9744312

(PHY) - INTERNATIONAL KODIAK RESOURCES INC.

Project:
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 9-OCT-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	112	Pulp; prev. prepared at Chemex

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
20	112	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000

Chemex Labs Ltd.

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British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Page Number :1
Total Pages :3
Certificate Date: 09-OCT-97
Invoice No. :I9744312
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744312

SAMPLE	PREP CODE	Hg ppb
1AS0062	244 --	310
1AS0063	244 --	390
1AS0064	244 --	400
1AS0065	244 --	190
1AS0066	244 --	430
1AS0067	244 --	440
1AS0068	244 --	310
1AS0069	244 --	260
1AS0070	244 --	270
1AS0071	244 --	310
1AS0072	244 --	230
1AS0073	244 --	220
1AS0074	244 --	250
1AS0075	244 --	500
1AS0076	244 --	230
1AS0077	244 --	280
1AS0079	244 --	270
1AS0080	244 --	200
1AS0081	244 --	250
1AS0082	244 --	250
1AS0083	244 --	200
1AS0084	244 --	170
1AS0085	244 --	190
1AS0086	244 --	180
1AS0087	244 --	180
1AS0088	244 --	210
1AS0090	244 --	120
1AS0091	244 --	140
1AS0092	244 --	150
1AS0093	244 --	120
1AS0094	244 --	140
1AS0095	244 --	90
1AS0096	244 --	60
1AS0097	244 --	50
1AS0098	244 --	180
1AS0099	244 --	140
1AS0101	244 --	400
1AS0102	244 --	90
1AS0103	244 --	190
1AS0104	244 --	280

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
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To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 09-OCT-97
Invoice No. :I9744312
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744312

SAMPLE	PREP CODE	Hg ppb
1AS0105	244 --	300
1AS0106	244 --	280
1AS0107	244 --	340
1AS0108	244 --	230
1AS0109	244 --	180
1AS0110	244 --	510
1AS0111	244 --	180
1AS0112	244 --	340
1AS0114	244 --	340
1AS0115	244 --	330
1AS0116	244 --	230
1AS0118	244 --	450
1AS0120	244 --	400
1AS0121	244 --	330
1AS0122	244 --	350
1AS0123	244 --	250
1AS0124	244 --	300
1AS0125	244 --	120
1AS0126	244 --	110
1AS0127	244 --	130
1AS0128	244 --	110
1AS0129	244 --	120
2AS0040	244 --	320
2AS0041	244 --	340
2AS0042	244 --	260
2AS0043	244 --	1050
2AS0044	244 --	510
2AS0045	244 --	480
2AS0046	244 --	490
2AS0047	244 --	510
2AS0048	244 --	470
2AS0049	244 --	540
2AS0051	244 --	520
2AS0053	244 --	580
2AS0054	244 --	510
2AS0055	244 --	550
2AS0056	-- --	not/ss
2AS0058	244 --	230
2AS0059	244 --	440
2AS0060	244 --	460

CERTIFICATION:_____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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British Columbia, Canada V7J 2C1
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1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 09-OCT-97
Invoice No. :I9744312
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744312

SAMPLE	PREP CODE	Hg ppb
2AS0061	244 --	390
2AS0062	244 --	390
2AS0063	244 --	420
2AS0065	244 --	460
2AS0066	244 --	330
2AS0067	244 --	250
2AS0068	244 --	460
2AS0069	244 --	340
2AS0070	244 --	370
2AS0071	244 --	410
2AS0072	244 --	390
2AS0073	244 --	390
2AS0074	244 --	270
2AS0075	244 --	260
3AS0024	244 --	310
3AS0025	244 --	160
3AS0026	244 --	180
3AS0027	244 --	50
3AS0028	244 --	150
3AS0029	244 --	230
3AS0030	244 --	220
3AS0031	244 --	150
3AS0032	244 --	150
3AS0033	244 --	140
3AS0035	244 --	180
3AS0037	244 --	150
3AS0039	244 --	170
3AS0040	244 --	140
3AS0041	244 --	150
3AS0042	244 --	150
3AS0043	244 --	170
3AS0044	244 --	140
3AS0045	244 --	240

CERTIFICATION:_____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9744313

Comments: ATTN: GEORGE NICHOLSON

CERTIFICATE A9744313

(PHY) - INTERNATIONAL KODIAK RESOURCES INC.

Project:
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 9-OCT-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	2	Pulp; prev. prepared at Chemex

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
20	2	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000

Chemex Labs Ltd.

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VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Page Number : 1
Total Pages : 1
Certificate Date: 09-OCT-97
Invoice No. : 19744313
P.O. Number :
Account : PHY

CERTIFICATE OF ANALYSIS A9744313

SAMPLE	PREP CODE	Hg ppb
D7-0083	244 --	490
10D R-0110	244 --	590

CERTIFICATION: Ivan Bridler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9744314

Comments: ATTN: GEORGE NICHOLSON

CERTIFICATE A9744314

(PHY) - INTERNATIONAL KODIAK RESOURCES INC.

Project:
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 9-OCT-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	210	Pulp; prev. prepared at Chemex

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
20	209	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000

Chemex Labs Ltd.

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VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Page Number :1
Total Pages :6
Certificate Date: 09-OCT-97
Invoice No. :I9744314
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744314

SAMPLE	PREP CODE		Hg ppb
2DS-0078	244	--	120
2DS-0079	244	--	140
2DS-0080	244	--	130
2DS-0082	244	--	130
2DS-0083	244	--	110
2DS-0084	244	--	130
2DS-0085	244	--	100
2DS-0086	244	--	180
2DS-0087	244	--	130
2DS-0088	244	--	190
2DS-0089	244	--	170
2DS-0090	244	--	60
2DS-0091	--	--	not/ss
2DS-0092	244	--	130
2DS-0093	244	--	170
2DS-0094	244	--	170
2DS-0095	244	--	180
2DS-0096	244	--	180
2DS-0097	244	--	160
2DS-0098	244	--	210
2DS-0099	244	--	170
2DS-0100	--	--	not/ss
2DS-0101	244	--	70
2DS-0102	244	--	180
2DS-0103	244	--	180
2DS-0104	244	--	80
2DS-0105	244	--	200
2DS-0106	244	--	210
2DS-0107	244	--	210
2DS-0108	244	--	110
2DS-0109	244	--	180
2DS-0110	244	--	200
2DS-0111	244	--	110
2DS-0112	244	--	110
2DS-0113	244	--	130
2DS-0114	244	--	100
2DS-0115	244	--	170
2DS-0116	244	--	200
2DS-0117	244	--	80
2DS-0118	244	--	150

CERTIFICATION: Ian Pendleton

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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British Columbia, Canada V7J 2C1
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Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 09-OCT-97
Invoice No. :I9744314
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744314

SAMPLE	PREP CODE		Hg ppb
2DS-0119	--	--	not/ss
2DS-0120	244	--	130
4DS-0067	244	--	160
4DS-0068	244	--	300
4DS-0069	244	--	540
4DS-0070	244	--	1900
4DS-0071	244	--	5400
4DS-0072	244	--	4900
4DS-0073	244	--	4460
4DS-0074	244	--	2090
4DS-0075	244	--	1990
4DS-0076	244	--	780
4DS-0077	244	--	210
4DS-0078	244	--	260
4DS-0079	244	--	100
4DS-0080	244	--	1740
4DS-0081	244	--	110
4DS-0082	244	--	300
4DS-0083	244	--	290
4DS-0084	244	--	120
4DS-0085	--	--	not/ss
4DS-0086	244	--	1670
4DS-0088	--	--	not/ss
4DS-0089	244	--	2110
4DS-0090	244	--	2390
4DS-0091	244	--	3450
4DS-0092	244	--	510
4DS-0093	244	--	540
4DS-0094	244	--	2080
4DS-0095	244	--	2000
4DS-0096	244	--	2120
4DS-0097	244	--	1960
4DS-0098	244	--	210
4DS-0099	244	--	270
4DS-0100	244	--	190
4DS-0101	244	--	140
4DS-0102	244	--	360
4DS-0103	244	--	1370
4DS-0104	244	--	710
4DS-0105	244	--	710

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 09-OCT-97
Invoice No. :I9744314
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744314

SAMPLE	PREP CODE		Hg ppb
4DS-0106	--	--	not/ss
4DS-0107	244	--	1480
4DS-0108	244	--	1160
4DS-0109	244	--	280
4DS-0110	244	--	1040
4DS-0111	244	--	790
4DS-0112	244	--	1070
4DS-0114	244	--	900
4DS-0115	244	--	660
4DS-0116	244	--	640
4DS-0117	244	--	810
4DS-0118	244	--	690
4DS-0119	244	--	720
4DS-0120	244	--	620
4DS-0121	244	--	640
4DS-0144	244	--	120
4DS-0146	244	--	150
4DS-0147	244	--	170
4DS-0148	244	--	150
4DS-0149	244	--	310
4DS-0150	244	--	170
4DS-0151	244	--	130
4DS-0152	244	--	120
4DS-0153	244	--	120
4DS-0154	244	--	100
4DS-0156	244	--	100
4DS-0157	244	--	90
4DS-0158	244	--	140
4DS-0159	244	--	100
4DS-0160	244	--	170
4DS-0161	244	--	100
4DS-0162	244	--	140
4DS-0163	244	--	140
4DS-0164	244	--	140
4DS-0165	244	--	100
4DS-0167	244	--	110
4DS-0168	244	--	100
4DS-0169	244	--	360
4DS-0170	244	--	130
4DS-0171	244	--	120

CERTIFICATION:

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212 Brooksbank Ave., North Vancouver
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To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Page Number :4
Total Pages :6
Certificate Date: 09-OCT-97
Invoice No. : I9744314
P.O. Number :
Account : PHY

CERTIFICATE OF ANALYSIS A9744314

SAMPLE	PREP CODE	Hg ppb
4DS-0172	244 --	120
4DS-0173	244 --	110
4DS-0174	244 --	130
4DS-0175	244 --	180
4DS-0176	244 --	160
4DS-0177	244 --	170
4DS-0178	244 --	150
4DS-0179	244 --	90
4DS-0180	244 --	130
4DS-0181	244 --	110
4DS-0182	244 --	130
4DS-0183	244 --	150
4DS-0184	244 --	120
4DS-0185	244 --	120
4DS-0186	244 --	140
4DS-0187	244 --	90
4DS-0189	244 --	100
4DS-0190	244 --	110
4DS-0191	244 --	100
4DS-0192	244 --	100
4DS-0193	-- --	not/ss
4DS-0194 A	244 --	140
4DS-0194 B	244 --	40
4DS-0195	244 --	50
4DS-0196	244 --	140
4DS-0199	244 --	130
4DSS-00123	244 --	520
4DSS-00124	244 --	80
4DSS-00126	244 --	140
4DSS-00127	244 --	180
4DSS-00129	-- --	not/ss
4DSS-00131	244 --	80
4DSS-00132	244 --	90
4DSS-00133	244 --	1050
4DSS-00134	244 --	100
4DSS-00135	244 --	40
4DSS-00136	244 --	220
4DSS-00138	244 --	280
4DSS-00140	244 --	70
4DSS-00141	244 --	140

CERTIFICATION:

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To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 09-OCT-97
Invoice No. : I9744314
P.O. Number :
Account : PHY

CERTIFICATE OF ANALYSIS A9744314

SAMPLE	PREP CODE		Hg ppb
4DSS-00142	244	--	70
4DSS-00143	244	--	not/ss
4DSS-00197	244	--	140
4S-0114	244	--	920
8DS-0001	244	--	150
8DS-0003	244	--	220
8DS-0004	244	--	220
8DS-0005	244	--	240
8DS-0006	--	--	not/ss
8DS-0007	244	--	150
8DS-0008	244	--	160
8DS-0009	244	--	70
8DS-0010	244	--	110
8DS-0011	244	--	110
8DS-0012	244	--	120
8DS-0013	244	--	90
8DS-0014	244	--	90
8DS-0017	244	--	110
8DS-0019	244	--	70
8DS-0024	244	--	90
8DS-0026	244	--	340
8DS-0027	244	--	770
8DS-0028	244	--	230
8DS-0029	244	--	280
8DS-0030	244	--	1170
8DS-0031	244	--	210
8DS-0032	244	--	120
8DS-0033	244	--	160
8DS-0034	244	--	100
8DS-0035	244	--	110
8DS-0036	244	--	100
8DS-0037	244	--	130
8DS-0038	244	--	60
8DS-0039	244	--	120
8DS-0040	244	--	140
8DS-0041	244	--	100
8DS-0042	244	--	90
8DS-0043	244	--	40
8DS-0044	244	--	240
8DS-0045	244	--	310

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To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 09-OCT-97
Invoice No. : I9744314
P.O. Number :
Account : PHY

CERTIFICATE OF ANALYSIS A9744314

SAMPLE	PREP CODE	Hg ppb
8DS-0046	244 --	120
8DS-0047	244 --	100
8DS-0048	244 --	40
8DS-0049	244 --	60
8DS-0050	244 --	110
8DS-0051	244 --	70
8DS-0052	244 --	120
8DS-0053	244 --	140
8DS-0054	244 --	120
8DS-0055	244 --	110
8DS-0056	244 --	90
8DS-0057	244 --	750
8DS-0058	244 --	300
8DS-0059	244 --	410
8DS-0060	244 --	290
8DS-0061	244 --	510
8DS-0063	244 --	300
8DS-0064	244 --	400
8DSS-002	244 --	250

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To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9744315

Comments: ATTN: GEORGE NICHOLSON

CERTIFICATE A9744315

(PHY) - INTERNATIONAL KODIAK RESOURCES INC.

Project:
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 9-OCT-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	145	Pulp; prev. prepared at Chemex

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
20	143	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000

Chemex Labs Ltd.

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British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Page Number :1
Total Pages :4
Certificate Date: 09-OCT-97
Invoice No. :19744315
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744315

SAMPLE	PREP CODE	Hg ppb
9-0078	244 --	90
9-0079	244 --	900
9-0080	244 --	560
9-0084	244 --	560
9-0112	244 --	180
9-0113	244 --	100
9-0114	244 --	100
9-0116	-- --	not/ss
9-0119	244 --	130
9-0120	244 --	130
9-0121	244 --	130
9-0122	244 --	130
9-0123	244 --	150
9-0124	244 --	120
9-0162	244 --	460
9-0170	244 --	130
9-0172	244 --	150
9-0173	244 --	40
9-0174	244 --	90
9-0180	244 --	110
9-0183	244 --	100
9-0185	244 --	140
9-0189	244 --	180
9-0190	244 --	160
9-0193	244 --	170
9-0215	244 --	410
9-0217	244 --	320
9-0218	244 --	360
9-0219	244 --	380
9-0220	244 --	500
9-0221	244 --	260
9-0222	244 --	230
9-0223	244 --	300
9-0227	244 --	250
9-0228	244 --	250
9-0232	244 --	540
9D-0206	244 --	110
9D-0209	244 --	430
9D-0211	244 --	270
9D-0212	244 --	230

CERTIFICATION: Stewart Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 09-OCT-97
Invoice No. : I9744315
P.O. Number :
Account : PHY

CERTIFICATE OF ANALYSIS A9744315

SAMPLE	PREP CODE		Hg ppb
9S-0117	244	--	180
9S-0118	244	--	180
9S-0126	244	--	130
9S-0127	244	--	110
9S-0128	244	--	140
9S-0129	244	--	110
9S-0130	--	--	not/ss
9S-0131	244	--	130
9S-0132	244	--	100
9S-0133	244	--	110
9S-0134	244	--	110
9S-0135	--	--	NotRcd
9S-0136	244	--	70
9S-0137	244	--	360
9S-0138	244	--	240
9S-0139	244	--	140
9S-0141	244	--	190
9S-0142	244	--	220
9S-0143	244	--	200
9S-0144	244	--	220
9S-0145	244	--	220
9S-0146	244	--	190
9S-0147	244	--	170
9S-0148	244	--	170
9S-0149	244	--	150
9S-0150	244	--	140
9S-0151	244	--	210
9S-0152	244	--	160
9S-0153	244	--	170
9S-0154	244	--	180
9S-0156	--	--	not/ss
9S-0157	244	--	180
9S-0214	244	--	400
9S-0216	244	--	280
9S-0224	244	--	280
9S-0225	244	--	250
9DS-0155	244	--	170
9DS-0158	244	--	180
9DS-0163	244	--	150
9DS-0164	244	--	120

CERTIFICATION:

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 09-OCT-97
Invoice No. :I9744315
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744315

SAMPLE	PREP CODE	Hg ppb
9DS-0165	244 --	140
9DS-0166	244 --	130
9DS-0167	-- --	not/ss
9DS-0168	244 --	70
9DS-0169	244 --	160
9DS-0171	244 --	170
9DS-0176	244 --	80
9DS-0177	244 --	60
9DS-0178	244 --	100
9DS-0179	244 --	80
9DS-0181	244 --	70
9DS-0184	244 --	130
9DS-0186	244 --	140
9DS-0187	244 --	not/ss
9DS-0188	244 --	120
9DS-0191	244 --	not/ss
9DS-0192	244 --	130
9DS-0194	244 --	110
9DS-0195	244 --	140
9DS-0196	244 --	60
9DS-0197	244 --	40
9DS-0198	244 --	80
9DS-0199	244 --	120
9DS-0200	244 --	90
9DS-0201	244 --	90
9DS-0202	244 --	60
9DS-0203	244 --	110
9DS-0204	-- --	not/ss
9DS-0205	244 --	80
9DS-0207	244 --	100
9DS-0210	244 --	250
9DS-0213	244 --	100
9DS-0226	244 --	210
9DS-0229	244 --	240
9DS-0230	244 --	210
9DS-0231	244 --	310
9DSS-0110	244 --	120
9DSS-0111	244 --	110
9DSS-0115	244 --	100
9DSS-0208	244 --	150

CERTIFICATION:

Chemex Labs Ltd.

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 09-OCT-97
Invoice No. :I9744315
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744315

SAMPLE	PREP CODE	Hg ppb
10DS-0112	244 --	130
10DS-0113	244 --	150
10DS-0114	244 --	170
10DS-0115	244 --	200
10DS-0119	244 --	240
10DS-0120	244 --	150
10DS-0121	244 --	140
10DS-0122	244 --	170
10DS-0123	244 --	160
10DS-0124	244 --	260
10DS-0125	244 --	180
10DS-0126	244 --	170
10DS-0127	244 --	290
10DS-0128	244 --	320
10DS-0129	244 --	260
10DS-0130	244 --	190
10DS-0131	244 --	180
10DS-0132	244 --	180
10DS-0133	244 --	170
10DS-0134	244 --	240
10DS-0135	244 --	310
10DS-0136	244 --	340
10DS-0137	244 --	280
10DS-0138	244 --	350
10DSS-0105	244 --	50
10DSS-0106	244 --	50
10DSS-0108	244 --	40
10DSS-0109	244 --	30
10DSS-0116	244 --	130
10DSS-0117	244 --	90
10DSS-0118	244 --	80

CERTIFICATION: Ian Bradley

Chemex Labs Ltd.

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To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9744316

Comments: ATTN: GEORGE NICHOLSON

CERTIFICATE A9744316

(PHY) - INTERNATIONAL KODIAK RESOURCES INC.

Project:
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 9-OCT-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	22	Pulp; prev. prepared at Chemex

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
20	22	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000

Chemex Labs Ltd.

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1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Page Number :1
Total Pages :1
Certificate Date: 09-OCT-97
Invoice No. :I9744316
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744316

SAMPLE	PREP CODE	Hg ppb
9-0089	244 --	270
9-0090	244 --	370
9-0091	244 --	370
9-0092	244 --	420
9E-0093	-- --	not/ss
9E-0094	244 --	270
9E-0095	244 --	280
9E-0096	244 --	250
9E-0097	244 --	220
9E-0098	244 --	190
9E-0099	244 --	380
9E-0101	244 --	320
9E-0102	244 --	310
9E-0103	244 --	270
9E-0104	-- --	not/ss
9E-0105	244 --	320
9E-0106	244 --	400
9E-0107	244 --	360
9ES-0088	244 --	390
9ES-0100	244 --	230
9ES-0108	244 --	230
9ES-0109	244 --	290
9ESS-0086	244 --	80
9ESS-0087	244 --	130

CERTIFICATION: Stewart Bichlen

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To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
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A9744317

Comments: ATTN: GEORGE NICHOLSON

CERTIFICATE A9744317

(PHY) - INTERNATIONAL KODIAK RESOURCES INC.

Project:
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 9-OCT-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	144	Pulp; prev. prepared at Chemex

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
20	144	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000

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Project :
Comments: ATTN: GEORGE NICHOLSON

Page Number :1
Total Pages :4
Certificate Date: 09-OCT-97
Invoice No. :19744317
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744317

SAMPLE	PREP CODE		Hg ppb
1A R0078	244	--	210
1A R0089	244	--	70
1A R0119	244	--	160
2A R0052	244	--	10
2A R0057	244	--	10
2A R0076	244	--	150
2A R0077	244	--	100
3A R0022	244	--	160
3A R0023	244	--	30
3A R0034	244	--	40
3A R0036	244	--	10
3A R0038	244	--	< 10
3A R0046	244	--	10
3A R0047	244	--	50
5A R0104	244	--	< 10
5A R0135	244	--	70
6A R0056	244	--	20
6A R0057	--	--	not/ss
6A R0058	244	--	200
6A R0059	244	--	120
6A R0061	244	--	10
6A R0067	244	--	60
6A R0079	244	--	10
6A R0080	244	--	50
6A R0089	244	--	170
6A R0090	244	--	130
6A R0091	--	--	not/ss
6A R0092	244	--	40
6A R0093	244	--	120
6A R0094	244	--	200
6A R0095	244	--	< 10
6A R0114	244	--	10
6A R0116	244	--	< 10
6A R0119	244	--	20
6A R0123	244	--	70
6A R0124	244	--	< 10
8A R0017	244	--	230
8A R0022	244	--	80
12A R0066	244	--	10
12A R0068	244	--	30

CERTIFICATION: Ian Bradshaw

Chemex Labs Ltd.

*Analytical Chemists * Geochemists * Registered Assayers*

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Page Number :2
Total Pages :4
Certificate Date: 09-OCT-97
Invoice No. : I9744317
P.O. Number :
Account : PHY

CERTIFICATE OF ANALYSIS A9744317

SAMPLE	PREP CODE		Hg ppb
12A R0069	244	--	210
12A R0073	244	--	110
1B R0147	244	--	300
1B R0160	244	--	10
3B R0048	244	--	80
3B R0050	244	--	20
3B R0066	244	--	20
3B R0072	244	--	< 10
3B R0077	244	--	< 10
3B R0078	244	--	40
3B R0080	244	--	10
3B R0084	244	--	< 10
3B R0085	244	--	< 10
3B R0086	244	--	60
3B R0087	244	--	< 10
3B R0090	--	--	NotRcd
6B R0156	244	--	< 10
6 R0125	--	--	not/ss
6C R0126	--	--	NotRcd
6C R0136	244	--	260
6C R0153	244	--	40
2D R0081	244	--	30
4D R0080	244	--	10
4D R0137	244	--	70
4D R0198	244	--	40
8D R0015	244	--	50
8D R0016	244	--	100
8D R0018	244	--	70
8D R0020	244	--	30
8D R0021	244	--	10
8D R0022	244	--	20
8D R0023	244	--	60
8D R0025	244	--	30
9D R00159	--	--	not/ss
9D R00160	244	--	10
9D R00161	244	--	< 10
9D R00175	244	--	< 10
9D R00182	244	--	10
12D R0067	244	--	< 10
12D R0080	244	--	< 10

CERTIFICATION: _____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 09-OCT-97
Invoice No. : I9744317
P.O. Number :
Account : PHY

CERTIFICATE OF ANALYSIS A9744317

SAMPLE	PREP CODE	Hg ppb
12D R0108	244 --	20
12D R0145	244 --	10
12D R0146	244 --	< 10
12D R0147	244 --	10
12D R0148	244 --	10
12D R0149	244 --	< 10
12D R0150	244 --	< 10
12D R0152	244 --	170
12D R0154	244 --	< 10
12D R0155	244 --	10
15D R0104	244 --	< 10
15D R0105	244 --	10
16D R0001	244 --	10
16D R0005	244 --	40
16D R0006	244 --	40
9R 0085	244 --	60
9S 0125	244 --	10
9S 0135	244 --	< 10
9S 0140	244 --	70
A7 0037	244 --	30
A7 0041	244 --	10
A7 0042	244 --	80
A7 0043	244 --	20
A7 0044	244 --	< 10
A7 0059	244 --	40
A7 0060	244 --	10
A7 0061	244 --	30
A7 0063	244 --	10
C11R 0003	244 --	20
C11R 0004	244 --	100
C11R 0005	244 --	< 10
C11R 0006	244 --	20
C11R 0007	244 --	260
C11R 0008	244 --	90
D7 0074	244 --	< 10
D7 0078	244 --	30
D7 0080	244 --	< 10
D7 0081	244 --	< 10
D7 0082	244 --	< 10
D7 0091	244 --	170

CERTIFICATION: _____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

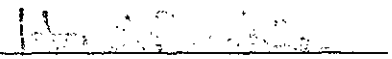
1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 09-OCT-97
Invoice No. : I9744317
P.O. Number :
Account : PHY

CERTIFICATE OF ANALYSIS A9744317

SAMPLE	PREP CODE		Hg ppb
D7 0093	244	--	90
D7 0095	244	--	50
D7 0096	244	--	10
D7 0100	244	--	< 10
D7 0105	244	--	70
D7 0106	244	--	10
D7 0107	244	--	10
D7 0109	244	--	40
D7 0110	244	--	120
D7 0111	244	--	20
D7 0112	244	--	10
D7 0113	244	--	10
D7 0115	244	--	80
D7 0118	244	--	280
D7 0120	244	--	10
D7 0126	244	--	50
D7 0127	244	--	10
D7 0130	244	--	< 10
D7 0133	244	--	< 10
D7 0134	244	--	< 10
D7 0137	244	--	20
D7 0140	244	--	< 10
D7 0146	244	--	< 10
D7 0150	244	--	< 10
D7 0157	244	--	60
D7 0158	244	--	60
D7 0159	--	--	NotRcd
D7 0160	--	--	NotRcd
D7 0161	244	--	30
D7 0162	244	--	< 10
D7 0163	244	--	< 10
D7 0164	244	--	< 10

CERTIFICATION: 

Chemex Labs Ltd.

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

To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9744318

Comments: ATTN: GEORGE NICHOLSON

CERTIFICATE A9744318

(PHY) - INTERNATIONAL KODIAK RESOURCES INC.

Project:
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 9-OCT-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	100	Pulp; prev. prepared at Chemex

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
20	100	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000

Chemex Labs Ltd.

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British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Page Number :1
Total Pages :3
Certificate Date: 09-OCT-97
Invoice No. :I9744318
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744318

SAMPLE	PREP CODE	Hg ppb
10AS-0067	244 --	60
10AS-0068	244 --	80
10AS-0069	244 --	410
10AS-0070	244 --	1140
10AS-0071	244 --	800
10AS-0072	244 --	740
10AS-0073	244 --	380
10AS-0074	244 --	340
10AS-0075	244 --	180
10AS-0076	244 --	130
10AS-0077	244 --	160
10AS-0078	244 --	140
10AS-0079	244 --	180
10AS-0080	244 --	130
10AS-0081	244 --	130
10AS-0082	244 --	150
10AS-0083	244 --	190
10AS-0084	244 --	150
10AS-0085	244 --	240
10AS-0086	244 --	330
10AS-0087	244 --	210
10AS-0088	244 --	190
10AS-0089	244 --	120
10AS-0090	244 --	140
10AS-0091	244 --	160
10AS-0092	244 --	170
10AS-0093	244 --	150
10AS-0094	244 --	210
10AS-0095	-- --	not/ss
10AS-0096	-- --	not/ss
10AS-0097	244 --	190
10AS-0098	244 --	220
10AS-0099	244 --	240
10AS-0100	244 --	260
10AS-0101	244 --	220
10AS-0102	244 --	230
10AS-0103	244 --	210
10AS-0104	244 --	210
12AS-0061	244 --	80
12AS-0062	244 --	100

CERTIFICATION: _____

Chemex Labs Ltd.

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To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 09-OCT-97
Invoice No. :19744318
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744318

SAMPLE	PREP CODE		Hg ppb
12AS-0063	244	--	60
12AS-0064A	244	--	220
12AS-0064B	244	--	50
12AS-0065	244	--	60
12AS-0066	--	--	NotRcd
12AS-0067	244	--	60
12AS-0070	244	--	410
12AS-0071	244	--	200
12AS-0072	244	--	140
12AS-0073	--	--	NotRcd
12AS-0074	244	--	160
12AS-0075	244	--	240
15AS-0015	244	--	380
15AS-0036	244	--	180
15AS-0037	244	--	210
15AS-0038	244	--	260
15AS-0039	244	--	350
15AS-0040	244	--	240
15AS-0041	244	--	260
15AS-0042	244	--	100
15AS-0043	244	--	230
15AS-0044	244	--	220
15AS-0045	244	--	230
15AS-0046	244	--	180
15AS-0047	244	--	120
15AS-0048	244	--	270
15AS-0049	244	--	190
15AS-0050	244	--	210
15AS-0051	244	--	200
15AS-0052	244	--	210
15AS-0053	244	--	200
15AS-0054	--	--	not/ss
15AS-0055	244	--	210
15AS-0056	244	--	180
15AS-0057	244	--	220
15AS-0058	244	--	170
15AS-0059	244	--	250
15AS-0060	244	--	200
15AS-0065	244	--	170
15AS-0069	244	--	260

CERTIFICATION:

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To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 09-OCT-97
Invoice No. :I9744318
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744318

SAMPLE	PREP CODE	Hg ppb
15AS-0071	244 --	300
15AS-0072	244 --	130
15AS-0073	244 --	200
15AS-0074	244 --	180
15AS-0075	244 --	240
15AS-0076	244 --	270
15AS-0077	244 --	260
15AS-0078	244 --	220
15AS-0079	244 --	190
15AS-0080	244 --	280
15AS-0081	244 --	270
15AS-0082	244 --	430
15AS-0083	244 --	440
15AS-0084	244 --	460
15AS-0085	244 --	350
15AS-0086	244 --	390
15AS-0087	244 --	370
15ASS-0061	244 --	100
15ASS-0062	244 --	50
15ASS-0063	244 --	50
15ASS-0064	244 --	70
15ASS-0066	244 --	300
15ASS-0067	244 --	280
15ASS-0068	244 --	400
15ASS-0070	244 --	450

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To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9744319

Comments: ATTN: GEORGE NICHOLSON

CERTIFICATE A9744319

(PHY) - INTERNATIONAL KODIAK RESOURCES INC.

Project:
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 9-OCT-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	158	Pulp; prev. prepared at Chemex

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
20	158	Hg ppb; HNO3-HCl digestion	AAS-FLAMELESS	10	100000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Page Number :1
Total Pages :4
Certificate Date: 09-OCT-97
Invoice No. :I9744319
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744319

SAMPLE	PREP CODE		Hg ppb
12DS-0068	244	--	5400
12DS-0069	244	--	1000
12DS-0070	244	--	1110
12DS-0071	244	--	1260
12DS-0072	244	--	1170
12DS-0073	244	--	890
12DS-0074	244	--	840
12DS-0075	244	--	940
12DS-0076	244	--	810
12DS-0077	244	--	530
12DS-0078	244	--	410
12DS-0079	244	--	250
12DS-0081	244	--	240
12DS-0082	244	--	230
12DS-0083	244	--	240
12DS-0084	244	--	280
12DS-0085	244	--	210
12DS-0086	244	--	240
12DS-0087	244	--	280
12DS-0088	244	--	220
12DS-0089	244	--	150
12DS-0090	244	--	150
12DS-0091	244	--	200
12DS-0092	244	--	120
12DS-0093	244	--	130
12DS-0094	244	--	170
12DS-0095	244	--	150
12DS-0096	244	--	90
12DS-0097	244	--	120
12DS-0098	244	--	90
12DS-0099	244	--	70
12DS-0100	244	--	120
12DS-0101	244	--	90
12DS-0102	244	--	100
12DS-0103	--	--	not/ss
12DS-0104	244	--	140
12DS-0105	244	--	140
12DS-0106	244	--	120
12DS-0107	244	--	90
12DS-0109	244	--	100

CERTIFICATION:

Chemex Labs Ltd.

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1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Page Number :2
Total Pages :4
Certificate Date: 09-OCT-97
Invoice No. :I9744319
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744319

SAMPLE	PREP CODE	Hg ppb
12DS-0110	244 --	80
12DS-0111	244 --	110
12DS-0112	244 --	110
12DS-0113	244 --	100
12DS-0114	244 --	130
12DS-0115	244 --	90
12DS-0116	244 --	100
12DS-0117	244 --	60
12DS-0118	244 --	70
12DS-0119	244 --	70
12DS-0120	244 --	60
12DS-0121	244 --	100
12DS-0122	244 --	50
12DS-0123	244 --	100
12DS-0124	244 --	80
12DS-0125	244 --	80
12DS-0126	244 --	160
12DS-0127	244 --	140
12DS-0128	244 --	100
12DS-0129	244 --	60
12DS-0130	244 --	130
12DS-0131	244 --	100
12DS-0132	244 --	100
12DS-0133	244 --	130
12DS-0134	244 --	110
12DS-0135	244 --	130
12DS-0136	244 --	120
12DS-0137	244 --	130
12DS-0138	244 --	120
12DS-0139	244 --	130
12DS-0140	244 --	160
12DS-0141	244 --	140
12DS-0142	244 --	100
12DS-0143	244 --	100
12DS-0144	244 --	100
12DS-0165	244 --	90
12DS-0166	244 --	150
12DS-0167	244 --	130
12DS-0168	244 --	40
12DSS-0065	244 --	80

CERTIFICATION:

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*Analytical Chemists * Geochemists * Registered Assayers*

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British Columbia, Canada V7J 2C1
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To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 09-OCT-97
Invoice No. : I9744319
P.O. Number :
Account : PHY

CERTIFICATE OF ANALYSIS A9744319

SAMPLE	PREP CODE		Hg ppb
12DSS-0066	244	--	200
12DSS-0151	244	--	40
12DSS-0153	244	--	< 10
12DSS-0156	244	--	40
12DSS-0157	244	--	30
12DSS-0158	244	--	70
12DSS-0159	244	--	210
12DSS-0160	244	--	50
12DSS-0161	244	--	100
12DSS-0162	244	--	50
12DSS-0163	244	--	100
12DSS-0164	244	--	70
15DS-0088	244	--	270
15DS-0091	244	--	210
15DS-0092	244	--	160
15DS-0093	244	--	130
15DS-0094	244	--	80
15DS-0095	244	--	140
15DS-0096	244	--	90
15DS-0097	244	--	70
15DS-0098	244	--	80
15DS-0099	244	--	< 10
15DS-0100	244	--	100
15DS-0101	244	--	200
15DS-0102	244	--	150
15DS-0103	244	--	70
15DS-0107	244	--	50
15DS-0108	244	--	110
15DS-0109	244	--	120
15DS-0110	244	--	110
15DS-0111	244	--	140
15DS-0112	244	--	100
15DS-0113	244	--	130
15DS-0114	244	--	100
15DS-0115	244	--	90
15DS-0116	244	--	80
15DS-0117	244	--	150
15DS-0119	244	--	110
15DS-0120	244	--	470
15DS-0121	244	--	250

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
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PHONE: 604-984-0221 FAX: 604-984-0218

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 09-OCT-97
Invoice No. : I9744319
P.O. Number :
Account : PHY

CERTIFICATE OF ANALYSIS A9744319

SAMPLE	PREP CODE	Hg ppb
15DS-0122	244 --	130
15DS-0123	244 --	110
15DS-0124	244 --	140
15DSS-0089	244 --	150
15DSS-0090	244 --	130
15DSS-0106	244 --	60
15DSS-0118	244 --	100
16DS-0009	244 --	170
16DS-0012	244 --	100
16DS-0013	244 --	120
16DS-0014	244 --	100
16DS-0015	244 --	70
16DS-0016	244 --	160
16DS-0017	244 --	180
16DS-0018	244 --	480
16DS-0019	244 --	110
16DS-0020	244 --	40
16DS-0021	244 --	40
16DS-0022	244 --	110
16DS-0023	244 --	60
16DS-0024	244 --	50
16DS-0025	244 --	50
16DS-0026	244 --	80
16DS-0027	244 --	60
16DS-0028	244 --	50
16DS-0029	244 --	40
16DS-0030	244 --	60
16DS-0031	244 --	40
16DS-0032	244 --	30
16DS-0033	244 --	50
16DS-0034	244 --	40
16DS-0035	244 --	30
16DS-0036	244 --	40
16DSS-0002	244 --	100
16DSS-0003	244 --	110
16DSS-0004	244 --	120
16DSS-0007	244 --	140
16DSS-0008	244 --	70
16DSS-0010	-- --	not/ss
16DSS-0011	244 --	100

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9744320

Comments: ATTN: GEORGE NICHOLSON

CERTIFICATE A9744320

(PHY) - INTERNATIONAL KODIAK RESOURCES INC.

Project:
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 9-OCT-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	191	Pulp; prev. prepared at Chemex

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
20	191	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000

Chemex Labs Ltd.

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Page Number :1
Total Pages :5
Certificate Date: 09-OCT-97
Invoice No. :I9744320
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744320

SAMPLE	PREP CODE		Hg ppb
5AS00097	244	--	90
5AS00098	244	--	340
5AS00099	244	--	430
5AS000100	244	--	480
5AS000101	244	--	270
5AS000102	244	--	350
5AS000103	244	--	380
5AS000104	244	--	920
5AS000105	244	--	310
5AS000106	244	--	240
5AS000107	244	--	200
5AS000108	244	--	210
5AS000109	244	--	220
5AS000110	244	--	160
5AS000111	244	--	190
5AS000113	244	--	230
5AS000114	244	--	170
5AS000115	244	--	220
5AS000116	244	--	250
5AS000117	244	--	300
5AS000118	244	--	360
5AS000119	244	--	300
5AS000120	244	--	250
5AS000121	244	--	170
5AS000122	244	--	270
5AS000123	244	--	330
5AS000124	244	--	170
5AS000125	244	--	160
5AS000126	244	--	170
5AS000127	244	--	230
5AS000128	244	--	280
5AS000129	244	--	300
5AS000130	244	--	250
5AS000131	244	--	220
5AS000132	244	--	240
5AS000133	244	--	220
5AS000134	244	--	170
5AS000136	244	--	220
5AS000137	244	--	230
5AS000138	244	--	230

CERTIFICATION:

Chemex Labs Ltd.

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 09-OCT-97
Invoice No. :I9744320
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744320

SAMPLE	PREP CODE	Hg ppb
5AS000139	244 --	250
5AS000140	244 --	230
5AS000141A	244 --	180
5AS000141B	244 --	210
5AS000143	244 --	220
5AS000144	244 --	260
5AS000145	244 --	250
5AS000146	244 --	270
5AS000147	244 --	270
5AS000148	244 --	290
5AS000149	244 --	320
5AS0150	244 --	60
5AS0151	244 --	50
5AS0152	244 --	40
5AS0153	244 --	< 10
5AS0154	244 --	240
5AS0155	244 --	280
5AS0156	244 --	200
5AS0157	244 --	160
5AS0159	244 --	300
5AS0160	244 --	270
5AS0161	244 --	450
5AS0162	244 --	60
5AS0164	244 --	1050
5AS0165	244 --	1470
5AS0166	244 --	1790
5AS0167	244 --	810
5AS0168	-- --	not/ss
5AS0169	244 --	640
5AS0170	244 --	710
5AS0171	244 --	690
5AS0172	244 --	390
5AS0173	244 --	480
5AS0174	244 --	400
5AS0175	244 --	300
5AS0176	244 --	120
5AS0177	244 --	230
5AS0178	244 --	260
5AS0179	244 --	190
5AS0180	244 --	460

CERTIFICATION:_____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 09-OCT-97
Invoice No. :I9744320
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744320

SAMPLE	PREP CODE	Hg ppb
5AS0181	244 --	190
5AS0182	244 --	200
5AS0183	244 --	320
5AS0184	244 --	310
5AS0185	244 --	250
5AS0186	244 --	390
5AS0187	244 --	250
5AS0188	244 --	280
5AS0189	244 --	200
5AS0190	244 --	90
5AS0191	244 --	60
5AS0192	244 --	100
5AS0193	244 --	120
6AS0060	244 --	60
6AS0061	244 --	60
6AS0063	244 --	220
6AS0064	244 --	110
6AS0065	244 --	220
6AS0066	244 --	290
6AS0068	244 --	220
6AS0069	244 --	270
6AS0070	244 --	250
6AS0071	244 --	290
6AS0072	244 --	260
6AS0073	244 --	170
6AS0074	244 --	280
6AS0075	244 --	120
6AS0076	244 --	270
6AS0077	244 --	230
6AS0078	244 --	80
6AS0081	244 --	170
6AS0082	244 --	60
6AS0083	244 --	240
6AS0084	244 --	180
6AS0085	244 --	240
6AS0086	244 --	250
6AS0087	244 --	260
6AS0088	244 --	270
6AS096	244 --	310
6AS097	244 --	240

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P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744320

SAMPLE	PREP CODE	Hg ppb
6AS098	244 --	90
6AS0099	244 --	170
6AS0100	244 --	210
6AS0101	244 --	150
6AS0102	244 --	170
6AS0103	244 --	150
6AS0104	244 --	180
6AS0106	244 --	140
6AS0107	244 --	150
6AS0108	244 --	50
6AS0109	244 --	110
6AS0110	244 --	110
6AS0111	244 --	140
6AS0112	244 --	70
6AS0113	244 --	90
6AS0115	244 --	70
6AS0117	244 --	190
6AS0118	244 --	70
6AS0120	244 --	110
6AS0121	244 --	60
6AS0122	244 --	80
8AS0001	244 --	400
8ASS0002	244 --	360
8AS0003	244 --	690
8AS0004	244 --	600
8AS0005	244 --	450
8ASS0006	244 --	500
8AS0007	244 --	330
8AS0008	244 --	70
8AS0009	244 --	40
8AS0010	244 --	190
8AS0011	244 --	20
8AS0013	244 --	230
8AS0014	244 --	350
8AS0015	244 --	200
8AS0016	244 --	500
8AS0018	244 --	580
8AS0019A	244 --	580
8AS0019B	244 --	600
8AS0020	244 --	480

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1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 09-OCT-97
Invoice No. : 19744320
P.O. Number :
Account : PHY

CERTIFICATE OF ANALYSIS A9744320

SAMPLE	PREP CODE	Hg ppb
8AS0021	244 --	540
8AS0023	244 --	610
8AS0024	244 --	820
8AS0025	244 --	630
8AS0027	244 --	1120
8AS0028	244 --	610
8AS0029	244 --	840
8AS0030	244 --	590
8AS0031	244 --	230
8AS0032	244 --	420
8AS0033	244 --	150
8AS0034	244 --	110
8AS0035	244 --	110
8AS0036	244 --	180
8AS0037	244 --	140
8AS0038	244 --	200
8AS0039	244 --	210
8AS0040	244 --	100
8AS0041	244 --	210
8AS0042	244 --	120
8AS0043	244 --	180
8AS0044	244 --	150
8AS0045	244 --	60
8AS0046	244 --	< 10
8AS0047	244 --	110
8AS0048	244 --	60
8AS0049	244 --	70
8AS0050	244 --	140
8AS0051	244 --	90
8AS0052	244 --	80
8AS0053	244 --	100
8AS0054	244 --	90

CERTIFICATION: _____

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To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
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V6B 1N2

A9744321

Comments: ATTN: GEORGE NICHOLSON

CERTIFICATE A9744321

(PHY) - INTERNATIONAL KODIAK RESOURCES INC.

Project:
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 11-OCT-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	94	Pulp; prev. prepared at Chemex

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
20	93	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000

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To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Page Number :1
Total Pages :3
Certificate Date: 11-OCT-97
Invoice No. :I9744321
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744321

SAMPLE	PREP CODE	Hg ppb
6CS0126	244 --	150
6CS0127	244 --	380
6CS0128	244 --	370
6CS0129	244 --	860
6CS0130	244 --	600
6CS0131	244 --	500
6CS0132	244 --	510
6CS0133	244 --	570
6CS0134	244 --	240
6CS0135	244 --	240
6CS0137	244 --	310
6CS0138	244 --	280
6CS0139	244 --	270
6CS0140	244 --	410
6CS0141	244 --	320
6CS0142	244 --	330
6CS0143	244 --	370
6CS0144	244 --	330
6CS0145	244 --	430
6CS0146	244 --	370
6CS0147	244 --	390
6CS0148	244 --	370
6CS0149	244 --	260
6CS0150	244 --	390
6CS0151	244 --	440
9CS0081	244 --	540
9CS0082	244 --	570
9CS0083	244 --	640
10C0003	244 --	120
10CS0005	244 --	690
10CS0006	244 --	610
10CS0007	244 --	660
10CS0010	244 --	330
10CS0012	244 --	360
10CS0015	244 --	460
10CS0022	244 --	460
10CS0025	244 --	1240
10CS0027	244 --	510
10CS0030	244 --	440
10CS0031	244 --	310

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To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 11-OCT-97
Invoice No. :19744321
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Account :PHY

CERTIFICATE OF ANALYSIS A9744321

SAMPLE	PREP CODE		Hg ppb
10CS0033	244	--	520
10CS0034	244	--	520
10CS0036	244	--	320
10CS0037	244	--	420
10CS0038	244	--	360
10CS0039	244	--	430
10CS0040	244	--	440
10CS0041	244	--	460
10CS0042	244	--	450
10CS0043	244	--	350
10CS0044	244	--	370
10CS0045	244	--	420
10CS0046	244	--	460
10CS0047	244	--	270
10CS0048	244	--	380
10CS0049	244	--	560
10CS0050	244	--	390
10CS0051	244	--	300
10CS0052	244	--	not/ss
10CS0053	244	--	240
10CS0054	244	--	220
10CS0055	244	--	230
10CS0056	244	--	210
10CS0057	244	--	180
10CS0058	244	--	220
10CS0059	244	--	190
10CS0060	244	--	150
10CS0061	244	--	150
10CS0062	244	--	170
10CS0063	244	--	170
10CS0064	244	--	160
10CS0065	244	--	190
10CS0066	244	--	190
10CSS0001	244	--	140
10CSS0002	244	--	50
10CSS0004	244	--	740
10CSS0008	244	--	410
10CSS0009	244	--	350
10CSS0011	244	--	380
10CSS0013	244	--	550

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To: INTERNATIONAL KODIAK RESOURCES INC. **

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VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 11-OCT-97
Invoice No. : I9744321
P.O. Number :
Account : PHY

CERTIFICATE OF ANALYSIS A9744321

SAMPLE	PREP CODE	Hg ppb
10CSS0014	244 --	440
10CSS0016	244 --	600
10CSS0017	244 --	550
10CSS0018	244 --	1060
10CSS0019	244 --	530
10CSS0020	244 --	420
10CSS0021	244 --	400
10CSS0023	244 --	560
10CSS0024	244 --	620
10CSS0026	244 --	480
10CSS0028	244 --	430
10CSS0029	244 --	90
10CSS0032	244 --	560
10CSS0035	244 --	500

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To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9744322

Comments: ATTN: GEORGE NICHOLSON

CERTIFICATE A9744322

(PHY) - INTERNATIONAL KODIAK RESOURCES INC.

Project:
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 11-OCT-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	91	Pulp; prev. prepared at Chemex

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
20	90	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000

Chemex Labs Ltd.

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To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Page Number :1
Total Pages :3
Certificate Date: 11-OCT-97
Invoice No. :I9744322
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744322

SAMPLE	PREP CODE	Hg ppb
1BS0130	244 --	150
1BS0131	244 --	110
IBS0132	244 --	210
1BS0133	244 --	220
1BS0134	244 --	310
1BS0135	244 --	350
1BS0136	244 --	250
1BS0137	244 --	280
1BS0138	244 --	210
1BS0139	244 --	140
1BS0140	244 --	200
1BS0141	244 --	180
1BS0142	244 --	170
1BS0143	244 --	160
1BS0144	244 --	170
1BS0145	244 --	160
1BS0146	244 --	210
1BS0148	244 --	110
1BS0149	244 --	100
1BS0150	244 --	110
1BS0152	244 --	70
1BS0153	244 --	80
1BS0154	244 --	80
1BS0156	244 --	130
1BS0157A	244 --	80
1BS0157B	244 --	80
1BS0158	244 --	90
1BS0159	244 --	160
1BSS0151	244 --	40
1BSS0161	244 --	590
1BSS0162	244 --	300
3BS0049	244 --	1680
3BS0051	244 --	1720
3BS0052	244 --	1580
3BS0053	244 --	1400
3BS0054	244 --	1910
3BS0055	244 --	1760
3BS0056	244 --	not/ss
3BS0057	244 --	970
3BS0058	244 --	670

CERTIFICATION:

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 11-OCT-97
Invoice No. : I9744322
P.O. Number :
Account : PHY

CERTIFICATE OF ANALYSIS A9744322

SAMPLE	PREP CODE	Hg ppb
3BS0059	244 --	330
3BS0060	244 --	300
3BS0061	244 --	380
3BS0062	244 --	250
3BS0063	244 --	250
3BS0064	244 --	270
3BS0065	244 --	310
3BS0067	244 --	250
3BS0068	244 --	240
3BS0069	244 --	260
3BS0070	244 --	310
3BS0071	244 --	420
3BS0073	244 --	310
3BS0074	244 --	360
3BS0075	244 --	360
3BS0076	244 --	330
3BS0081	244 --	150
3BS0082	244 --	170
3BS0083	244 --	180
3BS0088	244 --	250
3BS0089	244 --	280
3BS0090	244 --	270
3BS0091	244 --	250
3BS0092	244 --	260
3BSS0079	244 --	50
6BS0154	244 --	340
6BS0155	244 --	60
6BS0157	244 --	100
6BS0158	244 --	70
6BS0159	244 --	80
6BS0160	244 --	70
6BS0161	244 --	50
6BS0162	244 --	90
6BS0163	244 --	70
6BS0164	244 --	70
6BS0165	244 --	60
6BS0166	244 --	80
6BS0167	244 --	40
6BS0168	244 --	60
6BS0169	244 --	50

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VANCOUVER, BC
V6B 1N2

Project :
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Invoice No. :19744322
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744322

SAMPLE	PREP CODE	Hg ppb
6BS0170	244 --	50
6BS0171	244 --	250
6BS0172	244 --	210
6BS0173	244 --	240
6BS0174	244 --	240
6BS0175	244 --	290
6BS0176	244 --	280
6BS0177	244 --	520
6BS0178	244 --	500
6BS0179	244 --	440
6BS0180	244 --	470

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1210 - 675 W. HASTINGS ST.
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V6B 1N2

A9744323

Comments: ATTN: GEORGE NICHOLSON

CERTIFICATE A9744323

(PHY) - INTERNATIONAL KODIAK RESOURCES INC.

Project:
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 11-OCT-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	93	Pulp; prev. prepared at Chemex

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
20	93	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000

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Page Number :1
Total Pages :3
Certificate Date: 11-OCT-97
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P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744323

SAMPLE	PREP CODE	Hg ppb
2AR239	244 --	40
2AR250	244 --	40
3AR0133	244 --	60
3AR0134	244 --	190
3AR0135	244 --	20
3AR0136	244 --	10
3AR0137	244 --	10
3AR0138	244 --	90
3AR0139	244 --	40
3AR0140	244 --	< 10
3AR0142	244 --	< 10
3BR0148	244 --	30
3BR0154	244 --	30
3BR0155	244 --	< 10
3CR0123	244 --	200
3CR0124	244 --	100
3CR0126	244 --	20
3CR0127	244 --	70
3CR0128	244 --	40
3CR0129	244 --	170
3CR0130	244 --	200
3CR0131	244 --	150
3CR0132	244 --	< 10
3DR0108	244 --	100
5DR0319	244 --	90
6BR0251	244 --	210
6BR0257	244 --	230
6BR0264	244 --	70
6BR0265	244 --	50
6BR0269	244 --	40
6BR0280	244 --	220
6BR0282	244 --	< 10
6BR0297	244 --	< 10
6BR0313	244 --	30
6BR0315	244 --	30
6BR0316	244 --	10
6CR0200	244 --	50
6CR0202	244 --	320
6CR0203	244 --	250
6CR0204	244 --	80

CERTIFICATION: Ian Buchanan

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V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 11-OCT-97
Invoice No. :19744323
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744323

SAMPLE	PREP CODE	Hg ppb
6CR0250	244 --	50
7D0240 ROCK	244 --	40
7D0241 ROCK	244 --	120
7D0252 ROCK	244 --	110
8DR0284	244 --	320
11DR0096	244 --	30
11DR0097	244 --	50
11DR0098	244 --	10
11DR0103	244 --	100
11DR0105	244 --	20
12AR0289	244 --	50
12AR0290	244 --	40
12AR0291	244 --	40
12AR0292	244 --	40
14AR0026	244 --	30
14AR0027	244 --	70
14AR0055	244 --	30
14AR0058	244 --	40
14AR0060	244 --	30
14AR0062	244 --	30
14BER0009	244 --	190
14BER0010	244 --	80
14BER0011	244 --	70
14BER0012	244 --	70
14BER0014	244 --	30
14BER0022	244 --	20
14BER0024	244 --	50
14DR0039	244 --	30
14DR0040	244 --	40
15AR0165	244 --	30
15AR0168	244 --	2250
15AR0169	244 --	40
15AR0170	244 --	40
15AR0171	244 --	30
15AR0172	244 --	30
15BER0155	244 --	30
15BER0157	244 --	100
15BER0160	244 --	30
15BER0161	244 --	50
15BER0162	244 --	40

CERTIFICATION:

Chemex Labs Ltd.

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Account : PHY

CERTIFICATE OF ANALYSIS A9744323

SAMPLE	PREP CODE	Hg ppb
15BER0163	244 --	30
15BER0164	244 --	50
18EB0067R	244 --	40
20BR0006	244 --	370
20BR0007	244 --	60
20BR0008	244 --	30
20CR0001	244 --	130
20CR0002	244 --	40
20CR0003	244 --	180
20CR0004	244 --	60
20CR0005	244 --	70
20DR0009	244 --	90
20DR0010	244 --	140

CERTIFICATION:_____

Chemex Labs Ltd.

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To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9744324

Comments: ATTN: GEORGE NICHOLSON

CERTIFICATE A9744324

(PHY) - INTERNATIONAL KODIAK RESOURCES INC.

Project:
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 11-OCT-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	71	Pulp; prev. prepared at Chemex

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
20	71	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000

Chemex Labs Ltd.

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P.O. Number :
Account : PHY

CERTIFICATE OF ANALYSIS A9744324

SAMPLE	PREP CODE		Hg ppb
2DR 0121	244	--	70
2DR 0122	244	--	40
2DR 0123	244	--	30
2DR 0124	244	--	40
2DR 0127	244	--	30
2DR 0128	244	--	10
3BR 0093	244	--	30
3BR 0095	244	--	100
3BR 0096	244	--	90
3BR 0097	244	--	20
3BR 0098	244	--	50
3BR 0099	244	--	30
3BR 0100	244	--	30
3BR 0101	244	--	30
3BR 0102	244	--	30
3BR 0103	244	--	30
3DR 0104	244	--	30
3DR 0105	244	--	30
3DR 0106	244	--	100
3DR 0107	244	--	110
3DR 0108	244	--	110
4DR 0201	244	--	200
4DR 0202	244	--	40
4DR 0203	244	--	20
4DR 0204	244	--	230
4DR 0205	244	--	30
4DR 0206	244	--	30
4DR 0208	244	--	50
4DR 0210	244	--	30
4DR 0212	244	--	50
4DR 0214	244	--	10
4DR 0215	244	--	30
4DR 0216	244	--	30
4DR 0217	244	--	190
4DR 0220	244	--	40
4DR 0221	244	--	40
4DR 0222	244	--	690
4DR 0223	244	--	30
4DR 0224	244	--	30
4DR 0225	244	--	40

CERTIFICATION: Ian Pamilton

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 11-OCT-97
Invoice No. : I9744324
P.O. Number :
Account : PHY

CERTIFICATE OF ANALYSIS A9744324

SAMPLE	PREP CODE	Hg ppb
4DR 0226	244 --	< 10
4DR 0227	244 --	60
4DR 0238	244 --	30
5DR 0193	244 --	10
5DR 0218	244 --	20
9 0257	244 --	20
9DR 0241	244 --	< 10
9DR 0261	244 --	< 10
18D 0001R	244 --	80
18D 0002R	244 --	170
18D 0004R	244 --	90
18D 0005R	244 --	40
18D 0007R	244 --	150
18D 0008R	244 --	< 10
18D 0009R	244 --	230
18D 0011R	244 --	40
18D 0012R	244 --	590
18D 0013R	244 --	90
18D 0014R	244 --	770
18D 0026R	244 --	320
18D 0031R	244 --	30
18D 0032R	244 --	40
18D 0033R	244 --	< 10
18D 0034R	244 --	10
18D 0035R	244 --	30
18D 0036R	244 --	30
18D 0040R	244 --	30
18D 0041R	244 --	50
18D 0042R	244 --	50
18D 0045R	244 --	50
18D 0046R	244 --	250

CERTIFICATION: _____

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To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9744325

Comments: ATTN: GEORGE NICHOLSON

CERTIFICATE A9744325

(PHY) - INTERNATIONAL KODIAK RESOURCES INC.

Project:
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 11-OCT-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	274	Pulp; prev. prepared at Chemex

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
20	271	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000

Chemex Labs Ltd.

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To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
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Project :
Comments: ATTN: GEORGE NICHOLSON

Page Number :1
Total Pages :7
Certificate Date: 11-OCT-97
Invoice No. :I9744325
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744325

SAMPLE	PREP CODE		Hg ppb									
1DS 0205	244	--	170									
1DS 0206	244	--	280									
1DS 0207	244	--	270									
1DS 0208	244	--	320									
1DS 0209	244	--	190									
1DS 0210	244	--	50									
1DS 0211	244	--	40									
1DS 0212	244	--	60									
1DS 0213	244	--	150									
1DS 0214	244	--	230									
1DS 0215	244	--	270									
1DS 0216	--	--	NotRcd									
1DS 0217	244	--	150									
1DS 0218	244	--	160									
1DS 0219	244	--	240									
1DS 0220	244	--	210									
1DS 0221	244	--	120									
1DS 0222	244	--	180									
1DS 0223	244	--	190									
1DS 0224	244	--	90									
1DS 0225	244	--	150									
1DS 0226	244	--	160									
1DS 0227	244	--	150									
1DS 0228	244	--	130									
1DS 0229	244	--	130									
1DS 0230	244	--	200									
1DS 0231	--	--	NotRcd									
1DS 0232	244	--	210									
1DS 0233	244	--	210									
1DS 0234	244	--	170									
1DS 0235	244	--	190									
2DS 0125	244	--	300									
2DS 0126	244	--	290									
2DS 0129	244	--	150									
2DS 0130	244	--	80									
2DS 0131	244	--	90									
2DS 0132	244	--	60									
2DS 0177	244	--	110									
2DS 0178	--	--	NotRcd									
2DS 0179	244	--	240									

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V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 11-OCT-97
Invoice No. : I9744325
P.O. Number :
Account : PHY

CERTIFICATE OF ANALYSIS A9744325

SAMPLE	PREP CODE	Hg ppb
2DS 0180	244 --	not/ss
2DS 0181	244 --	70
2DS 0182	244 --	190
2DS 0183	244 --	70
2DS 0184	244 --	170
2DS 0185	244 --	190
2DS 0186	244 --	330
2DS 0187	244 --	170
2DS 0188	244 --	320
2DS 0189	244 --	310
2DS 0190	244 --	160
2DS 0191	244 --	410
2DS 0192	244 --	1030
2DS 0193	244 --	210
2DS 0194	244 --	260
2DS 0195	244 --	270
2DS 0196	244 --	170
2DS 0197	244 --	930
2DS 0198	244 --	510
2DS 0199	244 --	800
2DS 0200	244 --	410
2DS 0201	244 --	1030
2DS 0202	244 --	110
2DS 0203	244 --	810
2DS 0204	244 --	600
2DS 0205	244 --	100
2DS 0206	244 --	520
2DS 0207	244 --	750
2DS 0208	244 --	440
2DS 0209	244 --	540
2DS 0210	244 --	360
2DS 0211	244 --	730
2DS 0212	244 --	740
2DS 0213	244 --	430
2DS 0214	244 --	610
2DS 0215	244 --	440
2DS 0216	244 --	10
2DS 0217	244 --	10
3BSS 0094	244 --	110
3DS 0109	244 --	230

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VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 11-OCT-97
Invoice No. :19744325
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744325

SAMPLE	PREP CODE	Hg ppb
3DS 0110	244 --	270
3DS 0111	244 --	120
3DS 0112	244 --	240
3DS 0113	244 --	270
3DS 0114	244 --	370
3DS 0115	244 --	240
3DS 0116	244 --	220
3DS 0117	244 --	210
3DS 0118	244 --	190
3DS 0119	244 --	190
3DS 0120	244 --	260
3DS 0121	244 --	240
3DS 0122	244 --	120
4DS 0218	244 --	220
4DS 0219	244 --	120
4DS 0228	244 --	270
4DS 0230	244 --	150
4DS 0232	244 --	230
4DS 0235	244 --	230
4DS 0236	244 --	180
4DS 0237	244 --	400
4DS 0240	244 --	210
4DS 0241	244 --	190
4DS 0245	244 --	150
4DS 0246	244 --	150
4DS 0247	244 --	130
4DS 0248	244 --	180
4DSS 0200	244 --	350
4DSS 0207	244 --	30
4DSS 0213	244 --	90
4DSS 0216	244 --	90
4DSS 0229	244 --	210
4DSS 0231	244 --	250
4DSS 0232	244 --	250
4DSS 0234	244 --	240
4DSS 0239	244 --	120
4DSS 0242	244 --	100
4DSS 0243	244 --	90
4DSS 0244	244 --	130
5DS 0194	244 --	140

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1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 11-OCT-97
Invoice No. :19744325
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744325

SAMPLE	PREP CODE	Hg ppb
5DS 0195	244 --	140
5DS 0196	244 --	120
5DS 0197	244 --	100
5DS 0198	244 --	150
5DS 0199	244 --	110
5DS 0200	244 --	60
5DS 0201	244 --	220
5DS 0202	244 --	110
5DS 0203	244 --	170
5DS 0204	244 --	110
5DS 0205	244 --	80
5DS 0206	244 --	130
5DS 0207	244 --	90
5DS 0208	244 --	90
5DS 0209	244 --	80
5DS 0210	244 --	100
5DS 0211	244 --	90
5DS 0212	244 --	100
5DS 0213	244 --	250
5DS 0214	244 --	160
5DS 0215	244 --	160
5DS 0216	244 --	170
5DS 0217	244 --	100
5DS 0219	244 --	100
5DS 0220	244 --	130
5DS 0221	244 --	140
5DS 0222	244 --	120
5DS 0223	244 --	110
5DS 0224	244 --	160
5DS 0225	244 --	70
#9 0239	244 --	80
#9 0240	244 --	110
#9 0243	244 --	90
#9 0244	244 --	100
#9 0248	244 --	90
#9 0249	244 --	90
#9 0250	244 --	70
#9 0252	244 --	100
#9 0255	244 --	90
#9 0256	244 --	120

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To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 11-OCT-97
Invoice No. : I9744325
P.O. Number :
Account : PHY

CERTIFICATE OF ANALYSIS A9744325

SAMPLE	PREP CODE	Hg ppb
#9 0258	244 --	150
#9 0259	244 --	180
9DS 0236	244 --	150
9DS 0237	244 --	120
9DS 0238	244 --	70
9DS 0242	244 --	110
9DS 0245	244 --	80
9DS 0246	244 --	80
9DS 0247	244 --	130
9DS 0251	244 --	60
9DS 0253	244 --	140
9DS 0260	244 --	110
9DSS 0233	244 --	40
9DSS 0234	244 --	100
9DSS 0235	244 --	90
9DSS 0254	244 --	80
10DS 0143	244 --	390
10DS 0144	244 --	460
10DS 0145	244 --	300
10DS 0146	244 --	150
10DS 0147	244 --	220
10DS 0148	244 --	170
10DS 0149	244 --	220
10DS 0150	244 --	240
10DS 0151	244 --	160
10DS 0152	244 --	150
10DS 0153	244 --	170
10DS 0154	244 --	120
10DS 0155	244 --	170
10DS 0156	244 --	160
10DS 0157	244 --	130
10DS 0158	244 --	not/ss
10DS 0159	244 --	120
10DS 0160	244 --	160
10DS 0161	244 --	100
10DS 0162	244 --	190
10DS 0163	244 --	120
10DS 0164	244 --	140
10DS 0165	244 --	160
10DS 0166	244 --	190

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To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Page Number :6
Total Pages :7
Certificate Date: 11-OCT-97
Invoice No. :I9744325
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744325

SAMPLE	PREP CODE	Hg ppb
10DS 0167	244 --	200
10DS 0168	244 --	120
10DS 0169	244 --	60
10DS 0170	244 --	140
10DS 0171	244 --	170
10DS 0172	244 --	210
10DS 0173	244 --	240
10DS 0174	244 --	240
10DS 0175	244 --	200
10DS 0176	244 --	170
10DS 0177	244 --	140
10DS 0178	244 --	80
10DS 0179	244 --	160
10DS 0180	244 --	130
10DS 0181	244 --	150
10DS 0182	244 --	180
10DS 0183	244 --	150
10DS 0184	244 --	170
10DS 0185	244 --	90
10DS 0186	244 --	110
10DS 0187	244 --	120
10DS 0188	244 --	90
10DS 0189	244 --	110
10DS 0190	244 --	110
10DS 0191	244 --	130
10DS 0192	244 --	130
10DS 0193	244 --	120
10DS 0194	244 --	140
10DS 0195	244 --	160
10DS 0196	244 --	140
10DS 0197	244 --	120
10DS 0198	244 --	150
10DS 0199	244 --	120
10DS 0200	244 --	120
10DS 0201	244 --	90
10DS 0202	244 --	140
10DS 0203	244 --	80
10DS 0204	244 --	120
10DS 0205	244 --	120
10DS 0206	244 --	110

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1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 11-OCT-97
Invoice No. :19744325
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744325

SAMPLE	PREP CODE	Hg ppb
10DS 0207	244 --	120
10DS 0208	244 --	110
10DS 0209	244 --	110
10DS 0210	244 --	120
10DS 0211	244 --	130
10DS 0212	244 --	70
10DS 0213	244 --	110
10DS 0214	244 --	100
10DS 0215	244 --	100
10DSS 0139	244 --	70
10DSS 0140	244 --	410
10DSS 0141	244 --	420
10DSS 0142	244 --	420
18DS 0028	244 --	150
18DS 0029	244 --	130
18DS 0030	244 --	160
18DS 0037	244 --	160
18DS 0038	244 --	130
18DS 0044	244 --	90
18DS 0047	244 --	90
18DSS 0003	244 --	140
18DSS 0006	244 --	190
18DSS 0010	244 --	170
18DSS 0015	244 --	170
18DSS 0016	244 --	130
18DSS 0017	244 --	3110
18DSS 0018	244 --	1270
18DSS 0019	244 --	650
18DSS 0020	244 --	660
18DSS 0021	244 --	200
18DSS 0022	244 --	330
18DSS 0023	244 --	590
18DSS 0024	244 --	310
18DSS 0025	244 --	380
18DSS 0027	244 --	330
18DSS 0039	244 --	not/ss
18DSS 0043	244 --	90

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To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9744326

Comments: ATTN: GEORGE NICHOLSON

CERTIFICATE A9744326

(PHY) - INTERNATIONAL KODIAK RESOURCES INC.

Project:
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 11-OCT-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	1	Pulp; prev. prepared at Chemex

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
20	1	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000

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To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Page Number :1
Total Pages :1
Certificate Date: 11-OCT-97
Invoice No. :19744326
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744326

SAMPLE	PREP CODE	Hg ppb
14DR0037	244 --	< 10

CERTIFICATION: [signature]

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V6B 1N2

A9744327

Comments: ATTN: GEORGE NICHOLSON

CERTIFICATE A9744327

(PHY) - INTERNATIONAL KODIAK RESOURCES INC.

Project:
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 13-OCT-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	134	Pulp; prev. prepared at Chemex

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
20	134	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000

Chemex Labs Ltd.

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VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 13-OCT-97
Invoice No. : I9744327
P.O. Number :
Account : PHY

CERTIFICATE OF ANALYSIS A9744327

SAMPLE	PREP CODE	Hg ppb
2AS 0240	244 --	40
2AS 0241	244 --	40
2AS 0242	244 --	10
2AS 0243	244 --	120
2AS 0244	244 --	10
2AS 0245	244 --	10
2AS 0246	244 --	30
2AS 0247	244 --	30
2AS 0248	244 --	290
2AS 0249	244 --	30
2AS 0250	244 --	120
2AS 0251	244 --	170
2BSS 0218	244 --	60
2BSS 0219	244 --	80
2BSS 0220	244 --	40
2BSS 0221	244 --	50
2BS 0222	244 --	180
2BS 0223	244 --	60
2BS 0224	244 --	60
2BS 0225	244 --	30
2BS 0226	244 --	370
2BS 0227	244 --	350
2BS 0228	244 --	220
2BS 0229	244 --	40
2BS 0230	244 --	140
2BS 0231	244 --	130
2BS 0232	244 --	140
2BS 0233	244 --	150
2BS 0234	244 --	60
2BS 0235	244 --	50
2BS 0236	244 --	20
2BS 0237	244 --	10
2BS 0238	244 --	40
3AS 0141	244 --	120
3AS 0143	244 --	100
3AS 0144	244 --	100
3AS 0145	244 --	170
3AS 0146	244 --	100
3BR 0157	244 --	110
3BSS 0149	244 --	270

CERTIFICATION: Stewart Bradley

Chemex Labs Ltd.

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212 Brooksbank Ave., North Vancouver
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To: INTERNATIONAL KODIAK RESOURCES INC. **

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VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 13-OCT-97
Invoice No. :I9744327
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744327

SAMPLE	PREP CODE	Hg ppb
3BS 0150	244 --	140
3BS 0151	244 --	200
3BS 0152	244 --	170
3BS 0153	244 --	200
3BS 0156	244 --	130
3BS 0158	-- --	not/ss
3BS 0159	244 --	60
3BS 0160	244 --	50
3BS 0161	244 --	60
3BS 0162	244 --	60
3BS 0163	244 --	70
3BS 0164	244 --	90
3BS 0165	244 --	120
3BS 0166	244 --	110
3BS 0167	244 --	80
3BS 0168	244 --	70
3BS 0169	244 --	90
3BS 0170	244 --	110
3BS 0171	244 --	60
4BS 0373	244 --	300
4BS 0374	244 --	250
4BS 0375	244 --	180
4BS 0376	244 --	220
4BS 0377	244 --	90
4BS 0378	244 --	140
4BSS 0379	244 --	220
4BSS 0380	244 --	230
4BS 0381	244 --	160
4BS 0382	244 --	130
4BS 0383	244 --	130
4BS 0384	244 --	130
4BS 0385	244 --	190
4BS 0386	244 --	530
4BSS 0387	244 --	350
4BS 0388	244 --	130
4BS 0389	244 --	130
4BS 0390	244 --	130
4BSS 0391	244 --	30
4BS 0392	244 --	130
4BS 0393	244 --	140

CERTIFICATION:

Chemex Labs Ltd.

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

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VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 13-OCT-97
Invoice No. :I9744327
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744327

SAMPLE	PREP CODE		Hg ppb
4BS 0394	244	--	180
4BS 0395	244	--	120
4BSS 0396	--	--	not/ss
4BS 0397	244	--	50
4BS 0398	244	--	140
4BS 0399	244	--	140
4BS 0400	244	--	200
4BS 0401	244	--	190
4BS 0405	244	--	230
4BSS 0406	244	--	70
4BS 0407	244	--	100
4BSS 0408	244	--	100
4BS 0409	244	--	70
4BSS 0410	244	--	80
4BS 0411	244	--	90
4BSS 0412	244	--	100
4BSS 0413	244	--	90
4BSS 0414	244	--	130
4BSS 0415	244	--	100
4BS 0416	244	--	90
4BS 0418	244	--	120
4BS 0419	244	--	180
4BS 0420	244	--	170
4BS 0421	244	--	230
4BS 0422	244	--	190
4BS 0423	244	--	200
4BS 0424	244	--	170
4BS 0425	244	--	160
4BS 0426	244	--	150
4BS 0427	244	--	130
4BS 0428	244	--	170
4BS 0429	244	--	110
4BS 0430	244	--	120
4BS 0431	244	--	120
4BS 0432	244	--	140
4BS 0433	244	--	230
4BS 0434	244	--	160
4BR 0435	244	--	130
4BS 0436	244	--	200
4BS 0437	244	--	120

CERTIFICATION:_____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Page Number :4
Total Pages :4
Certificate Date: 13-OCT-97
Invoice No. :I9744327
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744327

SAMPLE	PREP CODE		Hg ppb									
4BS 0438	--	--	not/ss									
4BS 0439	244	--	130									
4BS 0440	244	--	120									
4BS 0441	244	--	100									
4BS 0443	244	--	120									
4BS 0444	244	--	130									
4BS 0445	244	--	180									
4BS 0446	244	--	120									
4BS 0447	244	--	140									
4BS 0448	244	--	130									
4BS 0449	244	--	140									
4BS 0450	244	--	180									
4BS 0452	244	--	120									
4BS 0453	244	--	120									
4BS 0454	244	--	160									
4BS 0455	244	--	80									
4BS 0456	244	--	80									

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1210 - 675 W. HASTINGS ST.
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A9744328

Comments: ATTN: GEORGE NICHOLSON

CERTIFICATE A9744328

(PHY) - INTERNATIONAL KODIAK RESOURCES INC.

Project:
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 13-OCT-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	235	Pulp; prev. prepared at Chemex

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
20	235	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000

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To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 13-OCT-97
Invoice No. :I9744328
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744328

SAMPLE	PREP CODE	Hg ppb
4EBS 050	244 --	100
4ES 0333	244 --	130
4ES 0334	244 --	270
4ES 0335	244 --	430
4ES 0336	244 --	420
4ES 0337	244 --	440
4ES 0338	244 --	430
4ES 0339	244 --	400
4ES 0340	244 --	180
4ES 0341	244 --	270
4ES 0342	244 --	530
4ES 0343	244 --	560
4ES 0344	244 --	580
4ES 0345	244 --	540
4ES 0346	244 --	490
4ES 0347	244 --	480
4ES 0348	244 --	390
4ES 0349	244 --	70
4ES 0351	244 --	240
4ES 0352	244 --	230
4ES 0353	244 --	220
4ES 0354	244 --	140
4ES 0355	244 --	120
4ES 0356	244 --	140
4EBS 0357	244 --	180
4ES 0358	244 --	160
4ES 0359	244 --	200
4ES 0360	244 --	110
4ES 0361	244 --	50
4EBS 0362	244 --	50
4ES 0363	244 --	50
4ES 0364	244 --	150
4ES 0365	244 --	130
4ES 0366	244 --	190
4ES 0367	244 --	200
4EBS 0368	244 --	250
4EBS 0370	244 --	80
4ES 0371	244 --	10
4ES 0372	244 --	170
5BS 0421	244 --	40

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To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 13-OCT-97
Invoice No. : I9744328
P.O. Number :
Account : PHY

CERTIFICATE OF ANALYSIS A9744328

SAMPLE	PREP CODE	Hg ppb
5BS 0422	244 --	40
5BS 0423	244 --	160
5BS 0424	244 --	80
5BS 0425	244 --	50
5BS 0426	244 --	60
5BS 0427	244 --	40
5BS 0428	244 --	60
5BS 0429	244 --	40
5BS 0430	244 --	40
5BS 0431	244 --	40
5BS 0432	244 --	60
5BS 0433	244 --	40
5BS 0434	244 --	50
5BS 0435	244 --	30
5BS 0436	244 --	50
5BS 0437	244 --	30
5BS 0438	244 --	40
5BS 0439	244 --	30
5BS 0440	244 --	20
5BS 0441	244 --	30
5BS 0442	244 --	30
5BS 0443	244 --	30
5BS 0444	244 --	30
5BS 0445	244 --	40
5BS 0446	244 --	40
5BS 0447	244 --	30
5BS 0448	244 --	10
5BS 0449	244 --	20
5BS 0450	244 --	60
5BS 0451	244 --	30
5BS 0452	244 --	20
5BS 0453	244 --	50
5BS 0454	244 --	30
5BS 0455	244 --	20
5BS 0456	244 --	30
5BS 0457	244 --	30
5BS 0458	244 --	10
5BS 0459	244 --	100
5BS 0460	244 --	10
5BS 0461	244 --	30

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To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 13-OCT-97
Invoice No. :I9744328
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744328

SAMPLE	PREP CODE	Hg ppb
5BS 0462	244 --	50
5BS 0463	244 --	70
5BS 0464	244 --	40
5BS 0465	244 --	40
5BS 0466	244 --	50
5BS 0467	244 --	80
5BS 0468	244 --	40
5BS 0469	244 --	60
5BS 0470	244 --	70
5DS 0320	244 --	90
5DS 0321	244 --	90
5DS 0322	244 --	200
5DS 0323	244 --	220
5DS 0324	244 --	170
5DS 0325	244 --	280
5DS 0326	244 --	200
5DS 0327	244 --	220
5DS 0328	244 --	210
5DS 0329	244 --	220
5DS 0330	244 --	230
5DS 0331	244 --	280
5DS 0333	244 --	280
5DS 0334	-- --	not/ss
5DS 0335	244 --	170
5DS 0336	244 --	270
5DS 0337	244 --	160
5DS 0338	244 --	190
5DS 0339	244 --	350
5DS 0340	244 --	200
5DS 0341	244 --	290
5DS 0342	244 --	260
5DS 0343	244 --	260
5DS 0344	244 --	180
5DS 0345	244 --	310
5DS 0346	244 --	280
5DS 0347	244 --	80
5DS 0348	244 --	200
5DS 0349	244 --	190
5DS 0350	244 --	140
5DS 0351	244 --	160

CERTIFICATION:

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To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Page Number :4
Total Pages :6
Certificate Date: 13-OCT-97
Invoice No. :I9744328
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744328

SAMPLE	PREP CODE		Hg ppb									
5DS 0352	244	--	220									
5DS 0393	244	--	50									
5DS 0394	244	--	170									
5DS 0395	244	--	150									
5DS 0396	244	--	150									
5DS 0397	244	--	190									
5DS 0398	244	--	210									
5DS 0399	244	--	160									
5DS 0401	244	--	170									
5DS 0402	244	--	350									
5DS 0403	244	--	180									
5DS 0404	244	--	150									
5DS 0405	244	--	50									
5DS 0406	244	--	110									
5DS 0407	244	--	80									
5DS 0408	244	--	60									
5DS 0409	244	--	190									
6BS 0251	244	--	380									
6BSS 0253	244	--	250									
6BS 0254	244	--	250									
6BS 0255	244	--	200									
6BSS 0256	244	--	310									
6BS 0258	244	--	210									
6BS 0259	244	--	400									
6BS 0260	244	--	380									
6BS 0261	244	--	340									
6BS 0262	244	--	250									
6BS 0263	244	--	180									
6BS 0266	244	--	270									
6BS 0267	244	--	260									
6BS 0268	244	--	240									
6BS 0270	244	--	230									
6BS 0271	244	--	120									
6BS 0272	244	--	60									
6BS 0273	244	--	110									
6BS 0274	244	--	140									
6BS 0275	244	--	50									
6BS 0276	244	--	220									
6BS 0277	244	--	210									
6BSS 0278	244	--	20									

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1210 - 675 W. HASTINGS ST.
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Project :
Comments: ATTN: GEORGE NICHOLSON

Page Number :5
Total Pages :6
Certificate Date: 13-OCT-97
Invoice No. :I9744328
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744328

SAMPLE	PREP CODE	Hg ppb
6BS 0279	244 --	80
6BS 0281	244 --	120
6BSS 0283	244 --	50
6BS 0284	244 --	90
6BS 0285	244 --	40
6BS 0286	244 --	70
6BS 0287	244 --	60
6BS 0288	244 --	120
6BS 0289	244 --	90
6BS 0290	244 --	90
6BS 0291	244 --	110
6BS 0292	244 --	50
6BS 0293	244 --	70
6BS 0294	244 --	80
6BS 0295	244 --	60
6BS 0296	244 --	90
6BS 0298	244 --	80
6BS 0299	244 --	90
6BS 0300	244 --	90
6BS 0301	244 --	60
6BS 0302	244 --	50
6BS 0303	244 --	60
6BS 0304	244 --	70
6BS 0305	244 --	90
6BS 0306	244 --	90
6BS 0307	244 --	120
6BS 0308	244 --	80
6BS 0309	244 --	110
6BS 0310	244 --	90
6BS 0311	244 --	160
6BS 0312	244 --	80
6BS 0314	244 --	110
6CSS 0201	244 --	< 10
6CSS 0205	244 --	400
6CS 0207A	244 --	350
6CS 0207B	244 --	290
6CS 0208	244 --	410
6CS 0209	244 --	280
6CS 0210	244 --	340
6CS 0211	244 --	200

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To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 13-OCT-97
Invoice No. :19744328
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744328

SAMPLE	PREP CODE	Hg ppb
6CS 0212	244 --	380
6CS 0213	244 --	370
6CS 0215	244 --	270
6CS 0216	244 --	220
6CS 0217	244 --	240
6CS 0218	244 --	340
6CS 0219	244 --	150
6CS 0220	244 --	260
6CS 0221	244 --	180
6CS 0222	244 --	160
6CS 0223	244 --	180
6CS 0224	244 --	290
6CS 0225	244 --	210
6CS 0226	244 --	170
6CS 0227	244 --	100
6CS 0228	244 --	140
6CS 0229	244 --	190
6CS 0230	244 --	100
6CS 0231	244 --	100
6CS 0232	244 --	190
6CS 0233	244 --	150
6CS 0234	244 --	30
6CS 0235	244 --	100
6CS 0237	244 --	90
6CS 0238	244 --	90
6CS 0239	244 --	110
6CS 0240	244 --	100
6CS 0241	244 --	80
6CS 0242	244 --	120
6CS 0243	244 --	110
6CS 0244	244 --	70
6CS 0245	244 --	110
6CS 0246	244 --	90
6CS 0247	244 --	110
6CS 0248	244 --	60
6CS 0249	244 --	80

CERTIFICATION:

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To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9744805

Comments: ATTN: GEORGE NICHOLSON

CERTIFICATE A9744805

(PHY) - INTERNATIONAL KODIAK RESOURCES INC.

Project: NONE
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 10-OCT-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	249	Dry, sieve to -80 mesh
202	249	save reject
229	249	ICP - AQ Digestion charge

* NOTE 1:

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

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	249	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2118	249	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	249	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	249	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	249	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	249	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	249	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	249	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	249	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	249	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	249	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	249	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	249	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	249	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	249	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	249	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	249	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	249	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	249	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	249	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	249	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	249	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	249	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	249	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	249	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	249	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	249	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	249	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	249	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	249	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	249	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	249	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	249	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

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To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : NONE
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 10-OCT-97
Invoice No. :19744805
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744805

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
3CS0237	201	202	< 5	< 0.2	1.33	8	110	< 0.5	< 2	< 0.01	< 0.5	2	9	20	4.40	< 10	20	0.13	< 10	0.07	35
3CS0239	201	202	< 5	0.8	0.91	14	540	0.5	< 2	1.26	3.5	11	15	80	2.68	< 10	< 10	0.20	10	0.40	625
3CSS0241	201	202	< 5	0.2	1.07	2	410	< 0.5	< 2	0.03	< 0.5	4	8	115	6.25	< 10	< 10	0.15	< 10	0.09	135
3CSS0242	201	202	< 5	2.4	0.78	18	500	0.5	< 2	1.34	6.0	10	28	106	3.09	< 10	< 10	0.21	10	0.44	880
3CS0243	201	202	< 5	2.2	0.74	14	400	0.5	< 2	1.23	6.5	10	19	100	3.15	< 10	460	0.17	< 10	0.40	715
3CS0244	201	202	< 5	0.8	0.67	6	300	< 0.5	< 2	1.07	5.0	8	16	59	2.28	< 10	240	0.10	< 10	0.46	455
3CS0245	201	202	< 5	0.4	0.83	6	320	< 0.5	< 2	1.10	3.0	8	19	43	2.10	< 10	160	0.09	10	0.57	345
3CS0247	201	202	< 5	0.4	0.84	2	340	< 0.5	< 2	1.06	2.5	7	19	43	2.05	< 10	150	0.09	10	0.55	395
3CS0248	201	202	< 5	1.4	0.79	22	580	0.5	< 2	0.80	7.0	9	28	98	2.99	< 10	380	0.18	10	0.23	660
3CSS0249	201	202	< 5	1.0	1.03	38	430	1.0	< 2	0.81	6.0	17	25	122	4.73	< 10	440	0.25	10	0.25	2150
3CSS0251	201	202	< 5	0.6	3.43	6	520	0.5	< 2	0.12	< 0.5	9	43	43	3.91	< 10	100	0.17	10	0.61	275
3CSS0252	201	202	< 5	0.4	2.96	6	1090	0.5	< 2	0.08	0.5	10	40	42	3.99	< 10	60	0.23	< 10	0.57	295
3CS0254	201	202	< 5	1.0	2.74	< 2	1320	0.5	< 2	0.65	< 0.5	10	34	74	3.10	< 10	470	0.18	10	0.42	445
4ASS0609	201	202	< 5	< 0.2	1.68	< 2	180	< 0.5	< 2	1.29	0.5	11	22	17	3.85	< 10	10	0.02	< 10	0.55	490
4ASS0610	201	202	< 5	0.2	5.14	< 2	1090	< 0.5	< 2	1.18	< 0.5	52	26	149	7.39	10	140	0.04	10	2.97	2730
4ASS0611	201	202	< 5	0.2	1.98	2	330	< 0.5	< 2	2.18	0.5	20	59	46	3.29	< 10	740	0.04	10	1.08	810
4AS0612	201	202	< 5	0.2	1.86	< 2	370	< 0.5	< 2	1.66	0.5	17	49	33	3.09	< 10	500	0.06	10	0.95	690
4AS0613	201	202	< 5	0.2	1.86	< 2	350	< 0.5	< 2	1.81	< 0.5	17	51	39	2.94	< 10	460	0.05	10	1.01	690
4AS0614	201	202	< 5	0.2	2.18	< 2	530	< 0.5	< 2	1.95	< 0.5	17	49	42	3.04	< 10	470	0.09	10	1.09	695
4AS0615	201	202	< 5	< 0.2	2.75	< 2	350	< 0.5	< 2	1.23	< 0.5	31	105	52	4.80	< 10	90	0.06	10	2.52	610
4AS0616	201	202	< 5	0.2	1.96	< 2	360	< 0.5	< 2	1.88	< 0.5	17	54	56	2.97	< 10	360	0.06	10	1.16	635
4AS0617	201	202	< 5	< 0.2	2.59	< 2	300	< 0.5	< 2	1.49	< 0.5	29	103	53	4.22	< 10	160	0.06	10	2.52	650
4AS0619	201	202	< 5	< 0.2	2.28	< 2	370	0.5	< 2	1.52	< 0.5	27	88	89	4.46	< 10	430	0.10	20	1.81	585
4AS0620	201	202	15	0.2	2.25	6	380	0.5	< 2	1.30	< 0.5	23	79	99	4.24	< 10	380	0.12	20	1.67	545
4AS0621	201	202	< 5	< 0.2	2.28	< 2	410	0.5	< 2	1.46	< 0.5	24	88	84	4.64	< 10	250	0.11	10	1.94	525
4AS0622	201	202	< 5	< 0.2	1.80	8	300	< 0.5	< 2	1.46	< 0.5	15	57	43	2.90	< 10	130	0.09	10	1.28	385
4AS0623	201	202	< 5	< 0.2	1.77	6	270	< 0.5	< 2	1.39	< 0.5	17	60	56	3.21	< 10	160	0.09	10	1.40	460
4AS0624	201	202	< 5	< 0.2	1.65	< 2	280	< 0.5	< 2	1.27	< 0.5	18	54	70	3.52	< 10	320	0.09	10	1.26	465
4AS0625	201	202	< 5	0.2	2.10	4	360	0.5	< 2	1.22	< 0.5	22	72	88	4.07	< 10	320	0.11	20	1.61	525
5AS0559	201	202	20	1.6	1.64	6	1270	0.5	< 2	0.15	< 0.5	3	37	47	1.58	< 10	1260	0.22	20	0.19	60
5AS0560	201	202	< 5	1.0	1.42	12	1020	0.5	< 2	0.13	< 0.5	3	28	33	1.29	< 10	680	0.19	10	0.18	60
5AS0561	201	202	< 5	0.8	1.31	10	860	< 0.5	< 2	0.14	< 0.5	2	26	32	1.38	< 10	650	0.15	10	0.21	65
5AS0562	201	202	< 5	0.2	0.99	2	520	< 0.5	< 2	0.23	< 0.5	4	20	21	1.62	< 10	210	0.09	10	0.30	110
5AS0563	201	202	< 5	0.2	0.95	2	420	< 0.5	< 2	0.23	< 0.5	3	18	20	1.42	< 10	240	0.08	10	0.29	95
5AS0564	201	202	< 5	0.4	0.90	< 2	450	< 0.5	< 2	0.17	< 0.5	3	17	23	1.19	< 10	380	0.08	10	0.23	75
5AS0565	201	202	< 5	0.2	0.88	< 2	300	< 0.5	< 2	0.19	< 0.5	3	16	19	1.34	< 10	240	0.07	10	0.27	85
5AS0566	201	202	< 5	0.4	0.93	4	350	< 0.5	< 2	0.17	< 0.5	3	19	20	1.29	< 10	440	0.08	10	0.25	75
5AS0567	201	202	< 5	0.6	0.98	4	390	< 0.5	< 2	0.18	< 0.5	3	21	23	1.32	< 10	460	0.09	10	0.25	85
5AS0568	201	202	< 5	0.4	1.17	6	360	< 0.5	< 2	0.22	< 0.5	4	24	23	1.46	< 10	470	0.11	10	0.30	95
5AS0569	201	202	< 5	1.0	0.92	6	310	< 0.5	< 2	0.13	< 0.5	1	37	23	1.16	< 10	1110	0.09	10	0.20	55

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : NONE
Comments: ATTN: GEORGE NICHOLSON

Page Number :1-B
Total Pages :7
Certificate Date: 10-OCT-97
Invoice No. :19744805
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744805

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
3CS0237	201	202	2	< 0.01	4	270	32	< 2	1	4	< 0.01	< 10	< 10	12	< 10	20
3CS0239	201	202	12	< 0.01	59	1950	14	2	3	118	< 0.01	< 10	< 10	123	< 10	426
3CSS0241	201	202	1	< 0.01	7	480	16	< 2	5	6	< 0.01	< 10	< 10	12	< 10	50
3CSS0242	201	202	12	< 0.01	85	2740	18	2	4	154	< 0.01	< 10	< 10	167	< 10	692
3CS0243	201	202	11	< 0.01	79	2470	18	2	4	152	< 0.01	< 10	< 10	137	< 10	538
3CS0244	201	202	6	< 0.01	46	1590	12	2	3	95	0.01	< 10	< 10	90	< 10	356
3CS0245	201	202	4	< 0.01	36	1160	8	< 2	3	71	0.03	< 10	< 10	73	< 10	278
3CS0247	201	202	4	< 0.01	38	1160	8	< 2	3	67	0.03	< 10	< 10	73	< 10	334
3CS0248	201	202	16	< 0.01	64	2300	18	4	4	123	< 0.01	< 10	< 10	203	< 10	488
3CSS0249	201	202	18	< 0.01	75	2310	26	6	5	156	< 0.01	< 10	< 10	179	< 10	494
3CSS0251	201	202	1	< 0.01	23	520	16	< 2	4	18	0.05	< 10	< 10	99	< 10	120
3CSS0252	201	202	1	< 0.01	24	690	10	< 2	5	12	0.01	< 10	< 10	92	< 10	138
3CS0254	201	202	1	< 0.01	29	1240	12	< 2	6	49	0.01	< 10	< 10	76	< 10	122
4ASS0609	201	202	1	< 0.01	14	490	8	< 2	4	36	0.19	< 10	< 10	101	< 10	58
4ASS0610	201	202	< 1	< 0.01	47	1050	10	< 2	10	59	0.07	< 10	< 10	112	< 10	86
4ASS0611	201	202	1	< 0.01	50	940	6	< 2	7	68	0.10	< 10	< 10	105	< 10	140
4AS0612	201	202	1	< 0.01	34	850	6	< 2	6	58	0.14	< 10	< 10	101	< 10	132
4AS0613	201	202	1	< 0.01	40	990	2	< 2	6	61	0.13	< 10	< 10	89	< 10	116
4AS0614	201	202	1	< 0.01	34	1060	4	< 2	7	63	0.14	< 10	< 10	88	< 10	108
4AS0615	201	202	< 1	< 0.01	100	940	4	< 2	5	38	0.37	< 10	< 10	116	< 10	108
4AS0616	201	202	1	< 0.01	49	990	6	< 2	6	69	0.11	< 10	< 10	76	< 10	96
4AS0617	201	202	< 1	< 0.01	104	860	4	< 2	5	50	0.30	< 10	< 10	102	< 10	108
4AS0619	201	202	1	< 0.01	87	1200	10	< 2	7	54	0.18	< 10	< 10	89	< 10	142
4AS0620	201	202	1	< 0.01	79	1250	12	< 2	7	57	0.17	< 10	< 10	86	< 10	152
4AS0621	201	202	1	< 0.01	82	1060	10	< 2	6	49	0.22	< 10	< 10	89	< 10	140
4AS0622	201	202	1	< 0.01	53	870	8	< 2	5	58	0.10	< 10	< 10	55	< 10	82
4AS0623	201	202	1	< 0.01	59	910	8	< 2	5	56	0.14	< 10	< 10	64	< 10	100
4AS0624	201	202	1	< 0.01	56	1050	8	2	6	54	0.13	< 10	< 10	62	< 10	116
4AS0625	201	202	1	< 0.01	73	1140	8	< 2	7	56	0.15	< 10	< 10	78	< 10	136
5AS0559	201	202	5	< 0.01	14	1320	28	< 2	2	70	0.01	< 10	< 10	92	< 10	34
5AS0560	201	202	3	< 0.01	13	1050	24	< 2	< 1	59	0.01	< 10	< 10	70	< 10	36
5AS0561	201	202	3	< 0.01	12	1090	20	< 2	2	52	0.01	< 10	< 10	62	< 10	36
5AS0562	201	202	4	< 0.01	14	740	10	< 2	3	34	0.03	< 10	< 10	49	< 10	60
5AS0563	201	202	3	< 0.01	14	720	10	< 2	2	31	0.03	< 10	< 10	44	< 10	60
5AS0564	201	202	2	< 0.01	13	740	10	< 2	2	35	0.01	< 10	< 10	42	< 10	56
5AS0565	201	202	2	< 0.01	12	670	8	< 2	1	27	0.02	< 10	< 10	39	< 10	54
5AS0566	201	202	3	< 0.01	13	740	12	< 2	2	36	0.01	< 10	< 10	50	< 10	60
5AS0567	201	202	2	< 0.01	13	770	10	< 2	2	39	0.02	< 10	< 10	55	< 10	58
5AS0568	201	202	3	< 0.01	14	760	10	< 2	2	39	0.04	< 10	< 10	63	< 10	62
5AS0569	201	202	2	< 0.01	11	840	10	< 2	1	40	0.02	< 10	< 10	114	< 10	32

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : NONE
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 10-OCT-97
Invoice No. :I9744805
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744805

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
5AS0570	201	202	< 5	0.2	1.01	< 2	330	< 0.5	< 2	0.20	< 0.5	3	22	21	1.34	< 10	440	0.09	10	0.27	95
5AS0571	201	202	< 5	0.4	1.08	6	350	< 0.5	< 2	0.21	< 0.5	3	23	23	1.42	< 10	440	0.09	10	0.28	95
5AS0572	201	202	< 5	0.2	1.08	< 2	330	< 0.5	< 2	0.19	< 0.5	3	23	19	1.29	< 10	360	0.10	10	0.28	85
5AS0573	201	202	< 5	0.4	1.13	6	360	< 0.5	< 2	0.20	< 0.5	3	24	23	1.38	< 10	490	0.10	10	0.27	80
5AS0574	201	202	< 5	0.2	1.25	2	440	< 0.5	< 2	0.21	< 0.5	3	24	20	1.44	< 10	370	0.10	10	0.26	80
5AS0575	201	202	< 5	0.2	0.91	6	280	< 0.5	< 2	0.20	< 0.5	3	16	14	1.12	< 10	210	0.05	10	0.23	75
5AS0576	201	202	< 5	0.6	1.24	4	380	< 0.5	< 2	0.24	< 0.5	3	25	20	1.44	< 10	410	0.10	10	0.28	85
5AS0577	201	202	< 5	0.2	1.22	6	360	< 0.5	< 2	0.25	< 0.5	4	24	21	1.50	< 10	340	0.09	10	0.29	95
5AS0578	201	202	< 5	0.2	1.31	2	390	< 0.5	< 2	0.35	0.5	6	26	30	1.92	< 10	270	0.09	10	0.36	155
5AS0579	201	202	< 5	0.2	1.19	8	350	< 0.5	< 2	0.27	< 0.5	4	24	20	1.60	< 10	280	0.09	10	0.29	125
5DS0581	201	202	< 5	0.2	1.44	< 2	410	< 0.5	< 2	0.38	0.5	5	24	24	1.42	< 10	170	0.09	10	0.41	270
5DS0582	201	202	< 5	< 0.2	1.02	4	240	< 0.5	< 2	0.14	< 0.5	5	20	20	2.09	< 10	70	0.09	< 10	0.27	440
5DS0583	201	202	< 5	0.2	1.43	6	300	< 0.5	< 2	0.16	< 0.5	8	23	24	2.42	< 10	50	0.08	< 10	0.32	860
5DS0584	201	202	< 5	0.2	1.40	4	300	< 0.5	< 2	0.15	< 0.5	6	22	32	2.40	< 10	40	0.10	10	0.37	275
5DS0585	201	202	< 5	0.2	1.46	2	300	< 0.5	< 2	0.15	< 0.5	5	21	30	2.34	< 10	50	0.10	< 10	0.33	215
5DS0586	201	202	< 5	1.2	1.57	12	410	0.5	< 2	0.21	< 0.5	5	24	34	2.41	< 10	130	0.12	< 10	0.32	715
5DS0587	201	202	< 5	0.2	1.02	6	250	< 0.5	< 2	0.15	0.5	5	20	19	1.50	< 10	50	0.10	< 10	0.26	650
5DS0588	201	202	< 5	< 0.2	1.17	4	170	< 0.5	< 2	0.10	< 0.5	1	21	11	1.11	< 10	50	0.07	< 10	0.20	55
5DS0589	201	202	< 5	0.4	1.21	6	210	< 0.5	< 2	0.14	< 0.5	5	19	14	1.65	< 10	70	0.07	< 10	0.27	235
5DS0590	201	202	< 5	< 0.2	1.74	4	250	< 0.5	< 2	0.25	< 0.5	14	25	22	2.45	< 10	40	0.05	10	0.46	1335
5DS0591	201	202	< 5	0.2	1.48	2	350	< 0.5	< 2	0.20	< 0.5	8	21	24	2.15	< 10	60	0.06	< 10	0.38	1040
5DS0592	201	202	< 5	0.2	1.42	4	210	< 0.5	< 2	0.32	< 0.5	10	19	16	2.09	< 10	70	0.04	< 10	0.37	1235
5DS0593	201	202	< 5	< 0.2	1.47	8	210	< 0.5	< 2	0.47	1.0	8	22	19	2.14	< 10	30	0.05	10	0.43	600
5DS0594	201	202	< 5	0.2	1.34	6	280	< 0.5	< 2	0.75	3.0	7	22	25	1.91	< 10	60	0.09	10	0.45	440
5DS0595	201	202	< 5	< 0.2	1.48	2	220	< 0.5	< 2	0.52	1.5	6	23	19	1.96	< 10	50	0.07	10	0.44	270
5DS0596	201	202	< 5	< 0.2	1.64	6	330	< 0.5	< 2	0.72	2.0	8	25	32	2.27	< 10	110	0.12	10	0.53	375
5DS0597	201	202	< 5	0.4	1.64	< 2	520	0.5	< 2	0.76	1.5	10	24	48	2.58	< 10	170	0.20	10	0.57	420
5DS0598	201	202	< 5	0.2	1.58	6	390	< 0.5	< 2	0.64	1.0	8	23	31	2.19	< 10	120	0.15	10	0.50	290
5DS0599	201	202	< 5	0.2	1.56	< 2	410	< 0.5	< 2	0.55	2.0	9	23	28	2.17	< 10	100	0.15	10	0.50	410
5DS0600	201	202	< 5	0.2	1.56	2	400	< 0.5	< 2	0.64	2.0	8	24	29	2.24	< 10	90	0.11	10	0.51	380
5DS0601	201	202	< 5	0.8	1.54	16	720	0.5	< 2	0.65	6.5	9	28	41	2.85	< 10	2280	0.15	10	0.49	545
5DS0602	201	202	< 5	0.8	1.72	6	770	0.5	< 2	0.78	4.5	8	30	45	2.74	< 10	3360	0.16	10	0.54	550
5DS0603	201	202	< 5	1.0	1.69	6	810	0.5	< 2	1.14	5.5	8	30	62	2.45	< 10	1510	0.17	10	0.55	680
5DS0604	201	202	< 5	0.2	1.29	6	360	< 0.5	< 2	0.64	3.5	8	20	32	2.25	< 10	190	0.08	10	0.45	315
5DS0605	201	202	< 5	0.2	1.25	2	370	< 0.5	< 2	0.67	5.0	8	19	34	2.29	< 10	440	0.08	10	0.45	355
5DS0606	201	202	< 5	< 0.2	1.21	< 2	390	< 0.5	< 2	0.68	7.5	8	19	33	2.37	< 10	2860	0.09	10	0.50	340
5DS0607	201	202	< 5	0.2	1.34	6	400	0.5	< 2	0.76	5.0	9	21	36	2.36	< 10	260	0.10	10	0.51	295
5DS0608	201	202	< 5	0.4	1.43	< 2	470	0.5	< 2	0.85	8.0	8	22	44	2.57	< 10	300	0.13	10	0.56	320
5DS0609	201	202	< 5	0.2	1.50	2	490	0.5	< 2	0.97	4.0	8	23	33	2.34	< 10	1100	0.16	10	0.57	275
5DS0610	201	202	< 5	0.2	1.73	< 2	630	0.5	< 2	0.75	5.5	12	26	40	2.79	< 10	1190	0.25	10	0.65	325

CERTIFICATION:_____

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SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
5AS0570	201	202	2	< 0.01	13	770	8	< 2	2	36	0.03	< 10	< 10	63	< 10	54
5AS0571	201	202	3	< 0.01	14	790	8	< 2	2	38	0.03	< 10	< 10	59	< 10	58
5AS0572	201	202	3	< 0.01	12	660	8	< 2	2	38	0.03	< 10	< 10	62	< 10	54
5AS0573	201	202	2	< 0.01	14	810	10	< 2	2	39	0.03	< 10	< 10	65	< 10	56
5AS0574	201	202	3	< 0.01	13	780	10	< 2	3	42	0.03	< 10	< 10	71	< 10	58
5AS0575	201	202	2	< 0.01	10	630	6	< 2	2	29	0.03	< 10	< 10	44	< 10	48
5AS0576	201	202	2	0.01	13	710	8	< 2	3	43	0.03	< 10	< 10	68	< 10	52
5AS0577	201	202	1	0.01	13	710	10	< 2	3	40	0.04	< 10	< 10	69	< 10	56
5AS0578	201	202	3	0.01	18	810	10	< 2	4	44	0.05	< 10	< 10	69	< 10	78
5AS0579	201	202	3	0.01	13	720	10	< 2	3	39	0.04	< 10	< 10	66	< 10	56
5DS0581	201	202	1	0.01	23	1040	8	< 2	< 1	32	0.02	< 10	< 10	41	< 10	72
5DS0582	201	202	1	0.01	12	820	8	< 2	< 1	17	0.01	< 10	< 10	46	< 10	72
5DS0583	201	202	1	0.01	15	1320	10	< 2	< 1	21	0.01	< 10	< 10	50	< 10	68
5DS0584	201	202	1	0.01	19	890	8	< 2	< 1	23	0.01	< 10	< 10	48	< 10	80
5DS0585	201	202	2	0.01	16	1310	8	< 2	< 1	25	0.01	< 10	< 10	49	< 10	76
5DS0586	201	202	3	0.01	17	2540	10	< 2	< 1	28	< 0.01	< 10	< 10	55	< 10	74
5DS0587	201	202	3	0.01	11	640	8	< 2	< 1	22	0.01	< 10	< 10	45	< 10	72
5DS0588	201	202	1	0.01	7	940	8	< 2	< 1	17	< 0.01	< 10	< 10	35	< 10	30
5DS0589	201	202	1	0.01	10	1060	6	< 2	< 1	17	< 0.01	< 10	< 10	35	< 10	56
5DS0590	201	202	2	0.01	18	880	10	< 2	3	20	0.04	< 10	< 10	43	< 10	72
5DS0591	201	202	3	< 0.01	17	990	6	< 2	1	27	0.01	< 10	< 10	41	< 10	66
5DS0592	201	202	1	< 0.01	13	830	8	< 2	1	28	0.02	< 10	< 10	38	< 10	82
5DS0593	201	202	2	< 0.01	15	750	6	< 2	1	40	0.03	< 10	< 10	46	< 10	82
5DS0594	201	202	2	< 0.01	32	940	4	< 2	2	62	0.03	< 10	< 10	51	< 10	208
5DS0595	201	202	1	< 0.01	22	690	8	2	3	48	0.04	< 10	< 10	48	< 10	200
5DS0596	201	202	2	< 0.01	29	950	8	< 2	3	68	0.04	< 10	< 10	56	< 10	220
5DS0597	201	202	3	< 0.01	35	1110	10	2	4	84	0.02	< 10	< 10	67	< 10	258
5DS0598	201	202	2	< 0.01	25	930	6	< 2	3	60	0.03	< 10	< 10	56	< 10	192
5DS0599	201	202	2	< 0.01	32	910	6	2	3	52	0.03	< 10	< 10	56	< 10	240
5DS0600	201	202	1	< 0.01	32	880	6	2	3	58	0.03	< 10	< 10	53	< 10	238
5DS0601	201	202	11	< 0.01	78	1100	6	< 2	3	71	0.01	< 10	< 10	167	< 10	732
5DS0602	201	202	9	< 0.01	78	1260	8	< 2	3	83	0.02	< 10	< 10	191	< 10	574
5DS0603	201	202	10	< 0.01	141	1420	4	4	3	104	0.02	< 10	< 10	221	< 10	664
5DS0604	201	202	4	< 0.01	45	910	6	< 2	3	55	0.01	< 10	< 10	59	< 10	424
5DS0605	201	202	3	< 0.01	50	940	6	< 2	3	56	0.01	< 10	< 10	58	< 10	468
5DS0606	201	202	3	< 0.01	56	910	6	< 2	3	59	0.01	< 10	< 10	49	< 10	590
5DS0607	201	202	3	< 0.01	52	970	6	2	3	67	0.01	< 10	< 10	57	< 10	510
5DS0608	201	202	4	< 0.01	67	1030	10	< 2	4	78	0.01	< 10	< 10	62	< 10	710
5DS0609	201	202	3	< 0.01	48	1020	6	< 2	4	82	0.01	< 10	< 10	56	< 10	452
5DS0610	201	202	4	< 0.01	48	1080	8	< 2	4	82	0.01	< 10	< 10	72	< 10	506

CERTIFICATION:_____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : NONE
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 10-OCT-97
Invoice No. :I9744805
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744805

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
5DS0611	201	202	< 5	0.2	1.67	< 2	530	0.5	< 2	1.04	7.0	9	26	39	2.78	< 10	340	0.15	10	0.62	335
5DS0612	201	202	< 5	0.2	1.45	< 2	450	0.5	< 2	0.94	3.5	9	23	35	2.45	< 10	270	0.12	10	0.57	260
5DSS0613	201	202	< 5	0.6	0.55	4	220	< 0.5	< 2	0.22	0.5	1	14	10	0.82	< 10	70	0.05	< 10	0.08	60
5DSS0614	201	202	< 5	0.8	1.47	< 2	260	< 0.5	< 2	2.73	0.5	13	29	54	3.21	< 10	310	0.05	10	0.62	630
5DSS0615	201	202	< 5	0.2	1.19	6	200	< 0.5	< 2	2.43	< 0.5	11	23	38	2.69	< 10	190	0.04	10	0.46	675
5DSS0616	201	202	< 5	0.2	2.18	2	290	< 0.5	< 2	1.32	< 0.5	21	40	41	4.68	< 10	220	0.05	10	0.90	835
5DSS0617	201	202	< 5	0.4	2.16	8	270	< 0.5	< 2	0.87	< 0.5	19	43	41	4.37	< 10	250	0.06	10	0.82	850
5DSS0618	201	202	< 5	0.8	1.77	6	240	< 0.5	< 2	1.67	< 0.5	13	37	44	3.11	< 10	310	0.05	10	0.68	600
5DSS0619	201	202	< 5	0.2	1.61	12	220	< 0.5	< 2	1.01	< 0.5	13	34	32	3.22	< 10	260	0.06	10	0.65	685
5DSS0620	201	202	< 5	0.4	1.82	< 2	290	< 0.5	< 2	1.00	< 0.5	14	40	42	3.43	< 10	270	0.06	10	0.74	680
5DSS0621	201	202	< 5	0.4	1.86	8	270	< 0.5	< 2	1.04	< 0.5	13	39	34	3.32	< 10	260	0.06	10	0.72	610
5DSS0622	201	202	< 5	0.4	2.06	10	300	< 0.5	< 2	0.69	< 0.5	13	40	35	3.45	< 10	240	0.08	10	0.64	605
5DSS0623	201	202	< 5	0.2	2.04	2	280	< 0.5	< 2	1.06	0.5	15	43	36	3.61	< 10	250	0.08	10	0.84	580
5DSS0624	201	202	< 5	0.4	2.18	6	160	< 0.5	< 2	1.97	0.5	13	44	52	3.37	< 10	490	0.10	20	1.07	365
5DS0625	201	202	< 5	0.2	2.31	8	220	0.5	< 2	1.64	< 0.5	14	45	41	3.80	< 10	310	0.09	20	1.15	290
5DS0626	201	202	< 5	0.2	2.22	< 2	170	< 0.5	< 2	1.39	< 0.5	16	42	45	3.62	< 10	330	0.09	10	1.04	400
5DS0627	201	202	< 5	< 0.2	2.26	< 2	180	< 0.5	< 2	1.69	< 0.5	19	47	47	3.89	< 10	250	0.07	10	1.08	665
5DS0628	201	202	< 5	0.2	2.05	8	190	< 0.5	< 2	1.72	< 0.5	15	41	48	3.57	< 10	290	0.07	10	1.03	455
5DS0630	201	202	< 5	0.8	1.30	10	500	< 0.5	< 2	0.11	< 0.5	5	30	48	1.85	< 10	210	0.09	10	0.25	325
5DS0631	201	202	< 5	0.8	1.74	14	810	0.5	< 2	0.28	1.0	9	32	65	2.65	< 10	540	0.14	10	0.35	660
5DS0632	201	202	< 5	1.0	1.23	10	520	0.5	< 2	0.35	0.5	8	22	64	2.34	< 10	480	0.10	10	0.33	405
5DS0633	201	202	< 5	0.4	1.14	6	440	< 0.5	< 2	0.29	0.5	8	21	38	2.00	< 10	160	0.07	10	0.36	540
5DS0634	201	202	< 5	0.6	1.20	12	410	0.5	< 2	0.29	< 0.5	8	23	43	2.13	< 10	200	0.11	10	0.32	615
5DS0635	201	202	< 5	0.8	1.39	12	520	0.5	< 2	0.39	1.5	8	28	46	2.31	< 10	440	0.11	10	0.35	1190
5DS0636	201	202	< 5	1.0	1.47	4	540	0.5	< 2	0.73	1.0	7	32	46	2.15	< 10	710	0.15	10	0.40	1190
5DS0637	201	202	< 5	0.8	1.48	10	650	0.5	< 2	0.48	0.5	7	33	53	2.23	< 10	670	0.16	10	0.35	915
5DS0638	201	202	15	0.8	1.54	8	620	0.5	< 2	0.60	1.5	8	34	48	2.23	< 10	690	0.16	10	0.41	995
5DS0639	201	202	< 5	1.0	1.67	6	660	0.5	< 2	0.62	1.5	8	35	53	2.48	< 10	790	0.16	10	0.43	1170
5DS0640	201	202	< 5	0.8	1.51	4	520	0.5	< 2	0.64	0.5	6	31	40	2.09	< 10	680	0.13	10	0.42	345
5DS0641	201	202	< 5	0.8	1.45	2	540	0.5	< 2	0.89	1.5	7	28	44	1.92	< 10	640	0.12	10	0.42	845
5DS0642	201	202	< 5	0.6	1.53	< 2	580	0.5	< 2	1.22	3.0	7	26	38	1.73	< 10	310	0.13	10	0.47	1580
5DS0643	201	202	< 5	0.2	1.81	< 2	460	0.5	< 2	0.90	0.5	8	25	40	2.16	< 10	210	0.25	20	0.77	465
5DS0644	201	202	< 5	0.2	1.64	2	430	0.5	< 2	0.77	0.5	8	25	37	2.05	< 10	270	0.19	10	0.66	310
5DS0645	201	202	< 5	< 0.2	1.74	2	410	0.5	< 2	0.69	0.5	8	24	33	2.05	< 10	180	0.24	20	0.75	365
5DS0646	201	202	< 5	0.2	1.42	< 2	300	0.5	< 2	0.75	0.5	6	22	30	2.04	< 10	170	0.17	10	0.62	400
5DS0647	201	202	< 5	0.8	0.67	2	290	< 0.5	< 2	0.33	< 0.5	3	14	25	1.72	< 10	290	0.11	10	0.22	95
5DS0648	201	202	< 5	0.4	1.43	4	330	0.5	< 2	0.80	2.0	9	19	53	2.06	< 10	230	0.11	30	0.50	1380
5DS0649	201	202	< 5	0.2	1.65	< 2	340	0.5	< 2	1.89	< 0.5	11	56	49	2.35	< 10	130	0.09	10	1.14	605
5DS0650	201	202	< 5	0.2	1.51	2	370	0.5	< 2	0.83	1.5	8	28	36	2.23	< 10	170	0.18	20	0.66	1630
5DS0651	201	202	< 5	0.2	1.69	< 2	400	0.5	< 2	1.02	2.0	10	37	45	2.41	< 10	210	0.18	10	0.79	2110

CERTIFICATION:_____

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To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : NONE
Comments: ATTN: GEORGE NICHOLSON

Page Number : 3-B
Total Pages : 7
Certificate Date: 10-OCT-97
Invoice No. : I9744805
P.O. Number :
Account : PHY

CERTIFICATE OF ANALYSIS A9744805

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
5DS0611	201	202	3	< 0.01	61	1020	6	< 2	4	94	0.01	< 10	< 10	62	< 10	622
5DS0612	201	202	3	< 0.01	48	990	8	< 2	4	85	0.01	< 10	< 10	54	< 10	462
5DSS0613	201	202	1	0.01	5	1210	2	< 2	< 1	18	0.01	< 10	< 10	18	< 10	30
5DSS0614	201	202	2	< 0.01	28	1480	10	< 2	4	71	0.03	< 10	< 10	68	< 10	92
5DSS0615	201	202	2	< 0.01	21	1350	4	< 2	2	53	0.03	< 10	< 10	55	< 10	66
5DSS0616	201	202	1	< 0.01	33	1160	8	< 2	7	41	0.07	< 10	< 10	105	< 10	116
5DSS0617	201	202	3	< 0.01	30	1120	12	< 2	6	38	0.05	< 10	< 10	102	< 10	110
5DSS0618	201	202	1	< 0.01	27	1260	6	< 2	5	62	0.03	< 10	< 10	73	< 10	82
5DSS0619	201	202	1	< 0.01	24	980	2	< 2	4	41	0.03	< 10	< 10	72	< 10	118
5DSS0620	201	202	1	< 0.01	28	980	6	< 2	6	42	0.03	< 10	< 10	81	< 10	124
5DSS0621	201	202	1	< 0.01	26	960	6	< 2	5	40	0.04	< 10	< 10	76	< 10	124
5DSS0622	201	202	< 1	< 0.01	26	890	6	< 2	6	34	0.03	< 10	< 10	73	< 10	110
5DSS0623	201	202	1	< 0.01	30	940	10	< 2	7	42	0.05	< 10	< 10	81	< 10	136
5DSS0624	201	202	1	< 0.01	35	1030	8	< 2	7	73	0.09	< 10	< 10	85	< 10	100
5DS0625	201	202	< 1	< 0.01	32	970	2	< 2	7	65	0.10	< 10	< 10	100	< 10	92
5DS0626	201	202	1	< 0.01	36	850	6	< 2	7	54	0.12	< 10	< 10	81	< 10	102
5DS0627	201	202	1	< 0.01	39	740	4	< 2	8	58	0.12	< 10	< 10	89	< 10	98
5DS0628	201	202	2	< 0.01	34	870	6	2	7	59	0.09	< 10	< 10	85	< 10	96
5DS0630	201	202	4	< 0.01	19	810	10	< 2	1	35	0.01	< 10	< 10	86	< 10	88
5DS0631	201	202	5	< 0.01	42	1180	14	< 2	2	54	0.01	< 10	< 10	105	< 10	188
5DS0632	201	202	7	< 0.01	44	1540	14	2	1	48	< 0.01	< 10	< 10	91	< 10	178
5DS0633	201	202	4	< 0.01	23	840	10	2	2	37	0.02	< 10	< 10	51	< 10	98
5DS0634	201	202	7	< 0.01	26	1340	10	2	1	42	0.01	< 10	< 10	69	< 10	114
5DS0635	201	202	5	< 0.01	56	1330	10	2	2	57	0.01	< 10	< 10	85	< 10	144
5DS0636	201	202	4	< 0.01	62	1510	10	2	1	81	0.01	< 10	< 10	92	< 10	136
5DS0637	201	202	6	< 0.01	58	1320	12	2	2	70	0.01	< 10	< 10	105	< 10	130
5DS0638	201	202	4	< 0.01	68	1370	12	< 2	2	73	0.02	< 10	< 10	101	< 10	156
5DS0639	201	202	5	< 0.01	89	1510	10	< 2	2	76	0.02	< 10	< 10	104	< 10	182
5DS0640	201	202	3	< 0.01	41	1300	10	< 2	1	69	0.02	< 10	< 10	88	< 10	128
5DS0641	201	202	4	< 0.01	50	1570	10	< 2	1	81	0.01	< 10	< 10	71	< 10	128
5DS0642	201	203	4	< 0.01	34	1880	6	2	1	92	0.01	< 10	< 10	61	< 10	190
5DS0643	201	202	2	< 0.01	30	1270	6	< 2	4	70	0.01	< 10	< 10	55	< 10	136
5DS0644	201	202	1	< 0.01	29	1230	6	< 2	3	63	0.01	< 10	< 10	53	< 10	128
5DS0645	201	202	1	< 0.01	26	1130	6	< 2	4	57	0.01	< 10	< 10	52	< 10	132
5DS0646	201	202	1	< 0.01	24	1160	6	< 2	3	63	0.01	< 10	< 10	45	< 10	134
5DS0647	201	202	3	< 0.01	13	1150	12	< 2	2	189	< 0.01	< 10	< 10	28	< 10	36
5DS0648	201	202	3	< 0.01	48	1230	10	< 2	4	73	0.01	< 10	< 10	41	< 10	168
5DS0649	201	202	1	< 0.01	43	1120	4	< 2	6	102	0.07	< 10	< 10	50	< 10	80
5DS0650	201	202	2	< 0.01	34	1130	8	< 2	4	72	0.03	< 10	< 10	53	< 10	150
5DS0651	201	202	1	< 0.01	45	1140	8	2	5	72	0.04	< 10	< 10	62	< 10	160

CERTIFICATION:_____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : NONE
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 10-OCT-97
Invoice No. :I9744805
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Account :PHY

CERTIFICATE OF ANALYSIS A9744805

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
5DS0652	201	202	< 5	0.6	2.37	< 2	460	0.5	< 2	0.97	2.5	16	60	57	3.47	< 10	240	0.26	20	1.15	1125
5DS0653	201	202	< 5	0.2	2.14	< 2	460	0.5	< 2	0.93	3.0	16	52	53	3.36	< 10	230	0.26	20	1.03	2080
5DS0654	201	202	< 5	0.2	2.08	4	370	0.5	< 2	0.88	1.0	14	52	51	3.31	< 10	190	0.20	20	1.02	515
5DS0655	201	202	< 5	0.2	2.10	< 2	400	0.5	< 2	0.88	2.0	16	48	49	3.25	< 10	220	0.25	20	0.99	1010
5DS0656	201	202	< 5	0.2	1.92	< 2	350	0.5	< 2	1.03	2.0	13	42	47	2.97	< 10	210	0.18	20	0.90	990
5DS0657	201	202	< 5	0.4	1.84	< 2	350	0.5	< 2	1.24	3.0	17	40	52	3.14	< 10	250	0.16	20	0.86	1720
5DS0658	201	202	< 5	0.2	1.85	2	370	0.5	< 2	0.74	1.0	14	42	41	3.25	< 10	210	0.18	20	0.77	1000
5DS0659	201	202	< 5	0.2	1.57	4	300	< 0.5	< 2	0.90	1.0	13	36	41	2.85	< 10	200	0.12	10	0.76	1240
5DS0660	201	202	< 5	0.2	1.53	< 2	290	0.5	< 2	0.88	1.5	12	34	43	2.74	< 10	200	0.11	10	0.75	1075
5DS0661	201	202	< 5	0.2	1.49	< 2	290	0.5	< 2	0.86	1.5	13	36	42	2.67	< 10	190	0.11	10	0.75	900
5DS0662	201	202	< 5	0.2	1.51	< 2	290	0.5	< 2	0.96	1.5	13	34	43	2.54	< 10	210	0.12	10	0.72	930
5DS0663	201	202	< 5	0.2	1.61	< 2	310	0.5	< 2	1.05	2.0	14	35	43	2.66	< 10	240	0.14	10	0.75	1070
5DS0664	201	202	< 5	0.2	1.90	< 2	330	0.5	< 2	0.94	1.5	14	39	42	3.00	< 10	200	0.16	20	0.90	635
5DS0665	201	202	< 5	< 0.2	2.17	< 2	270	0.5	< 2	1.03	< 0.5	13	31	33	3.02	< 10	70	0.10	20	1.24	440
5DS0666	201	202	< 5	< 0.2	2.07	< 2	270	0.5	< 2	1.35	< 0.5	10	30	34	2.87	< 10	120	0.12	10	1.10	410
5DS0667	201	202	< 5	< 0.2	1.99	< 2	260	0.5	< 2	1.51	< 0.5	10	32	43	2.75	< 10	200	0.10	10	1.00	225
5DS0668	201	202	< 5	0.6	1.86	< 2	250	< 0.5	< 2	1.27	< 0.5	10	29	68	2.50	< 10	260	0.11	10	0.64	560
5DS0669	201	202	< 5	< 0.2	1.64	< 2	240	< 0.5	< 2	1.20	< 0.5	9	26	35	2.58	< 10	140	0.08	10	0.89	250
5DS0670	201	202	< 5	< 0.2	1.83	< 2	280	0.5	< 2	1.44	< 0.5	11	31	38	2.85	< 10	170	0.10	10	1.01	270
5DS0671	201	202	< 5	0.2	1.72	< 2	250	< 0.5	< 2	1.27	< 0.5	9	30	36	2.48	< 10	170	0.10	10	0.84	250
5DS0672	201	202	< 5	0.2	1.42	8	320	< 0.5	< 2	0.65	< 0.5	9	25	31	2.99	< 10	100	0.09	20	0.41	325
5DS0673	201	202	< 5	0.4	1.34	< 2	320	< 0.5	< 2	0.73	0.5	10	25	42	2.27	< 10	280	0.12	10	0.53	230
5DS0674	201	202	< 5	< 0.2	1.82	< 2	300	< 0.5	< 2	1.40	< 0.5	14	60	43	2.68	< 10	100	0.05	10	1.01	410
5DS0675	201	202	< 5	< 0.2	1.58	< 2	290	< 0.5	< 2	1.09	< 0.5	9	28	33	2.29	< 10	110	0.08	10	0.73	260
5DS0676	201	202	< 5	0.2	1.50	< 2	300	< 0.5	< 2	0.90	0.5	11	28	41	2.51	< 10	220	0.08	10	0.72	320
5DS0677	201	202	< 5	0.2	1.60	< 2	290	< 0.5	< 2	1.14	< 0.5	10	32	42	2.37	< 10	160	0.07	10	0.84	275
5DS0678	201	202	< 5	0.2	1.48	< 2	310	< 0.5	< 2	1.05	0.5	11	27	51	2.44	< 10	220	0.08	10	0.69	255
5DS0679	201	202	< 5	0.2	1.57	< 2	340	< 0.5	< 2	1.14	0.5	11	29	49	2.54	< 10	250	0.12	10	0.71	305
5DS0680	201	202	< 5	< 0.2	1.83	< 2	340	< 0.5	< 2	1.10	< 0.5	11	34	38	2.68	< 10	180	0.12	10	0.91	240
5DS0681	201	202	< 5	< 0.2	1.75	< 2	310	0.5	< 2	0.95	< 0.5	10	33	36	2.57	< 10	150	0.12	10	0.82	295
5DS0682	201	202	< 5	< 0.2	1.71	< 2	300	< 0.5	< 2	1.39	0.5	9	31	39	2.39	< 10	170	0.12	10	0.81	300
5DS0683	201	202	< 5	< 0.2	2.11	8	300	0.5	< 2	2.44	< 0.5	11	40	38	2.74	< 10	80	0.10	10	1.42	265
5DS0684	201	202	< 5	0.2	1.66	< 2	330	< 0.5	< 2	0.94	0.5	11	31	43	2.63	< 10	220	0.13	10	0.78	290
5DS0685	201	202	< 5	0.2	1.42	< 2	270	< 0.5	< 2	0.97	< 0.5	9	26	38	2.29	< 10	190	0.11	10	0.67	280
5DS0686	201	202	< 5	0.2	1.64	< 2	330	< 0.5	< 2	0.86	0.5	12	30	51	2.86	< 10	210	0.12	10	0.78	330
5DS0687	201	202	< 5	0.2	1.47	< 2	290	< 0.5	< 2	0.78	0.5	11	27	44	2.55	< 10	190	0.09	10	0.70	315
5DS0688	201	202	< 5	< 0.2	1.56	< 2	280	< 0.5	< 2	1.05	0.5	10	29	37	2.45	< 10	160	0.10	10	0.77	270
5DS0689	201	202	< 5	< 0.2	1.46	< 2	280	< 0.5	< 2	0.87	0.5	10	27	41	2.45	< 10	200	0.10	10	0.67	285
5DS0690	201	202	< 5	0.2	1.47	< 2	260	< 0.5	< 2	1.13	0.5	8	28	38	2.28	< 10	190	0.09	10	0.71	265
5DS0691	201	202	< 5	0.2	1.68	< 2	310	< 0.5	< 2	1.24	< 0.5	10	31	43	2.74	< 10	220	0.11	10	0.87	260

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : NONE
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 10-OCT-97
Invoice No. :19744805
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744805

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
5DS0652	201	202	3	< 0.01	64	1330	8	< 2	6	97	0.04	< 10	< 10	93	< 10	210
5DS0653	201	202	4	< 0.01	64	1400	10	< 2	5	89	0.03	< 10	< 10	84	< 10	200
5DS0654	201	202	3	< 0.01	53	1240	6	< 2	5	68	0.03	< 10	< 10	79	< 10	178
5DS0655	201	202	2	< 0.01	62	1320	8	< 2	5	81	0.04	< 10	< 10	85	< 10	196
5DS0656	201	202	2	< 0.01	52	1290	10	< 2	4	83	0.03	< 10	< 10	70	< 10	190
5DS0657	201	202	3	< 0.01	66	1510	8	< 2	5	101	0.03	< 10	< 10	63	< 10	236
5DS0658	201	202	3	< 0.01	46	1410	10	< 2	5	78	0.03	< 10	< 10	79	< 10	162
5DS0659	201	202	3	< 0.01	47	1270	10	< 2	4	73	0.03	< 10	< 10	60	< 10	166
5DS0660	201	202	2	< 0.01	48	1270	10	< 2	4	77	0.03	< 10	< 10	54	< 10	184
5DS0661	201	202	3	< 0.01	49	1300	6	< 2	4	67	0.03	< 10	< 10	59	< 10	186
5DS0662	201	202	3	< 0.01	47	1320	8	< 2	4	73	0.03	< 10	< 10	59	< 10	174
5DS0663	201	202	2	< 0.01	53	1390	8	< 2	4	81	0.04	< 10	< 10	62	< 10	210
5DS0664	201	202	3	< 0.01	48	1330	10	< 2	6	72	0.08	< 10	< 10	79	< 10	194
5DS0665	201	202	< 1	< 0.01	24	990	6	< 2	6	51	0.12	< 10	< 10	67	< 10	94
5DS0666	201	202	< 1	< 0.01	23	1080	6	< 2	5	63	0.08	< 10	< 10	59	< 10	124
5DS0667	201	202	< 1	< 0.01	24	1010	6	< 2	5	67	0.06	< 10	< 10	54	< 10	92
5DS0668	201	202	1	0.01	27	1030	8	< 2	4	72	0.04	< 10	< 10	47	< 10	82
5DS0669	201	202	< 1	< 0.01	26	970	6	< 2	5	58	0.10	< 10	< 10	52	< 10	86
5DS0670	201	202	< 1	< 0.01	29	1060	8	< 2	5	65	0.15	< 10	< 10	62	< 10	112
5DS0671	201	202	1	< 0.01	26	950	8	< 2	5	62	0.08	< 10	< 10	48	< 10	94
5DS0672	201	202	1	< 0.01	18	760	8	< 2	2	41	0.03	< 10	< 10	38	< 10	96
5DS0673	201	202	3	< 0.01	27	990	6	< 2	4	98	0.04	< 10	< 10	58	< 10	102
5DS0674	201	202	< 1	< 0.01	44	920	6	< 2	5	71	0.08	< 10	< 10	57	< 10	70
5DS0675	201	202	1	< 0.01	25	990	8	< 2	4	56	0.06	< 10	< 10	42	< 10	88
5DS0676	201	202	1	< 0.01	29	1010	6	< 2	4	77	0.06	< 10	< 10	53	< 10	104
5DS0677	201	202	< 1	< 0.01	29	1000	4	< 2	5	75	0.08	< 10	< 10	51	< 10	82
5DS0678	201	202	2	< 0.01	29	1010	6	< 2	5	88	0.06	< 10	< 10	54	< 10	102
5DS0679	201	202	1	< 0.01	30	1040	4	< 2	5	99	0.06	< 10	< 10	57	< 10	108
5DS0680	201	202	1	< 0.01	30	960	4	< 2	5	67	0.10	< 10	< 10	54	< 10	96
5DS0681	201	202	1	< 0.01	28	1000	10	< 2	5	65	0.09	< 10	< 10	56	< 10	100
5DS0682	201	202	1	< 0.01	27	1020	6	< 2	4	74	0.06	< 10	< 10	45	< 10	92
5DS0683	201	202	< 1	< 0.01	27	1040	6	< 2	6	113	0.13	< 10	< 10	56	< 10	66
5DS0684	201	202	1	< 0.01	30	1020	6	< 2	5	88	0.08	< 10	< 10	62	< 10	110
5DS0685	201	202	2	< 0.01	26	1000	6	< 2	4	82	0.05	< 10	< 10	50	< 10	104
5DS0686	201	202	2	< 0.01	33	1070	2	< 2	5	94	0.08	< 10	< 10	69	< 10	128
5DS0687	201	202	1	< 0.01	29	1000	8	< 2	4	86	0.07	< 10	< 10	57	< 10	110
5DS0688	201	202	1	< 0.01	28	960	6	< 2	4	77	0.08	< 10	< 10	54	< 10	110
5DS0689	201	202	2	< 0.01	29	960	2	< 2	4	86	0.06	< 10	< 10	53	< 10	104
5DS0690	201	202	1	< 0.01	25	1010	8	< 2	4	78	0.05	< 10	< 10	43	< 10	98
5DS0691	201	202	2	< 0.01	30	1030	6	< 2	5	92	0.10	< 10	< 10	60	< 10	92

CERTIFICATION:_____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : NONE
Comments: ATTN: GEORGE NICHOLSON

Page Number :5-A
Total Pages :7
Certificate Date: 10-OCT-97
Invoice No. :I9744805
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744805

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
5DS0692	201	202	< 5	0.2	1.83	6	370	0.5	< 2	1.18	0.5	12	35	49	3.03	< 10	210	0.14	20	0.91	325
5DS0693	201	202	< 5	< 0.2	1.69	< 2	300	0.5	< 2	1.40	< 0.5	10	31	37	2.62	< 10	210	0.12	10	0.83	270
5DS0694	201	202	< 5	0.2	1.72	< 2	320	0.5	< 2	0.98	0.5	12	32	46	2.91	< 10	240	0.13	20	0.85	315
5DS0695	201	202	< 5	< 0.2	1.77	< 2	310	0.5	< 2	1.19	0.5	13	35	42	2.94	< 10	190	0.12	10	0.99	355
5DS0696	201	202	< 5	< 0.2	1.74	2	300	0.5	< 2	1.30	0.5	11	31	41	2.79	< 10	190	0.11	10	0.93	310
5DS0697	201	202	< 5	0.2	1.73	< 2	320	0.5	< 2	1.07	< 0.5	11	31	45	2.89	< 10	270	0.11	20	0.89	320
5DS0698	201	202	85	0.2	1.78	< 2	320	0.5	< 2	1.00	< 0.5	11	33	38	2.78	< 10	220	0.13	10	0.94	290
5DS0699	201	202	< 5	< 0.2	2.10	< 2	320	0.5	< 2	1.17	< 0.5	14	38	38	3.18	< 10	160	0.11	20	1.23	355
5DS0700	201	202	< 5	< 0.2	1.72	< 2	270	< 0.5	< 2	1.02	< 0.5	12	34	34	2.87	< 10	160	0.08	10	1.05	280
5DS0701	201	202	< 5	< 0.2	1.69	< 2	280	< 0.5	< 2	0.89	< 0.5	12	33	36	2.97	< 10	170	0.08	10	1.05	280
5DS0702	201	202	< 5	< 0.2	1.61	< 2	260	< 0.5	< 2	0.94	< 0.5	13	32	36	2.88	< 10	130	0.06	10	1.05	355
5DS0703	201	202	< 5	< 0.2	1.72	< 2	260	< 0.5	< 2	1.29	< 0.5	12	33	38	2.76	< 10	140	0.07	10	1.06	300
5DS0704	201	202	< 5	0.2	1.71	< 2	260	< 0.5	< 2	1.08	0.5	12	33	36	2.75	< 10	180	0.09	10	1.05	275
5DS0705	201	202	< 5	1.2	1.12	6	320	< 0.5	< 2	0.08	0.5	4	28	43	1.72	< 10	280	0.09	10	0.22	90
5DS0706	201	202	< 5	1.4	1.11	20	520	0.5	< 2	0.09	2.0	9	36	64	2.00	< 10	430	0.12	10	0.21	510
5DS0707	201	202	< 5	1.6	1.77	22	700	0.5	< 2	0.56	1.0	12	35	78	3.89	< 10	850	0.24	20	0.32	1650
5DS0708	201	202	< 5	1.2	1.48	2	520	0.5	< 2	0.90	9.5	7	26	70	1.99	< 10	750	0.13	10	0.31	640
5DS0709	201	202	< 5	1.2	1.14	2	370	< 0.5	< 2	1.77	3.5	5	22	48	1.60	< 10	670	0.10	10	0.37	255
5DS0710	201	202	< 5	1.0	1.17	2	350	0.5	< 2	1.66	3.5	7	24	55	1.66	< 10	440	0.12	10	0.48	380
5DS0711	201	202	< 5	1.0	1.48	< 2	420	< 0.5	< 2	0.91	2.0	10	28	46	2.18	< 10	450	0.13	10	0.49	1015
5DS0712	201	202	< 5	0.8	1.46	2	450	0.5	< 2	0.91	0.5	6	31	48	2.05	< 10	370	0.14	10	0.50	320
5DS0713	201	202	< 5	0.6	1.43	< 2	440	0.5	< 2	0.96	0.5	8	27	42	1.92	< 10	350	0.12	10	0.48	440
5DS0714	201	202	< 5	0.6	1.18	< 2	360	< 0.5	< 2	0.85	1.5	6	22	35	1.58	< 10	570	0.09	10	0.40	435
5DS0715	201	202	< 5	0.8	0.57	8	260	< 0.5	< 2	0.27	< 0.5	3	13	39	1.82	< 10	1020	0.08	10	0.07	165
5DS0716	201	202	< 5	0.6	1.26	4	270	< 0.5	< 2	0.60	1.5	10	20	33	2.26	< 10	350	0.09	10	0.40	410
5DS0717	201	202	< 5	0.4	1.05	2	310	< 0.5	< 2	0.64	0.5	9	26	35	2.20	< 10	530	0.08	10	0.36	465
5DS0718	201	202	< 5	0.2	1.89	< 2	310	< 0.5	< 2	1.68	1.5	19	60	66	3.26	< 10	300	0.08	10	1.03	875
5DS0719	201	202	< 5	0.6	1.52	2	320	0.5	< 2	1.26	1.5	10	31	49	2.23	< 10	480	0.12	10	0.57	925
5DS0720	201	202	< 5	0.6	1.44	4	320	0.5	< 2	1.14	1.5	10	31	43	2.25	< 10	500	0.14	10	0.56	755
5DS0721	201	202	< 5	0.6	1.43	< 2	270	< 0.5	< 2	1.27	1.0	10	32	45	2.19	< 10	510	0.11	10	0.59	695
5DS0722	201	202	< 5	0.6	1.57	< 2	320	0.5	< 2	1.16	1.0	14	38	43	2.78	< 10	440	0.12	10	0.76	690
5DS0723	201	202	< 5	0.6	1.50	< 2	300	0.5	< 2	1.25	0.5	13	35	45	2.73	< 10	470	0.12	10	0.71	615
5DS0724	201	202	< 5	0.6	1.42	6	330	0.5	< 2	0.96	0.5	10	33	39	2.46	< 10	430	0.13	10	0.57	465
5DS0725	201	202	< 5	0.4	1.23	2	350	0.5	< 2	0.77	< 0.5	8	27	31	2.11	< 10	490	0.15	10	0.44	360
5DS0726	201	202	< 5	0.6	1.36	< 2	360	0.5	< 2	1.29	0.5	9	28	33	2.15	< 10	460	0.13	10	0.55	565
5DS0728	201	202	< 5	< 0.2	2.07	< 2	200	0.5	< 2	1.41	< 0.5	19	119	51	3.59	< 10	160	0.07	10	1.98	395
5DS0729	201	202	< 5	< 0.2	1.67	< 2	170	< 0.5	< 2	1.23	< 0.5	10	37	29	2.43	< 10	90	0.07	10	1.00	250
5DS0730	201	202	< 5	< 0.2	1.75	< 2	200	< 0.5	< 2	1.10	< 0.5	15	50	33	3.18	< 10	110	0.05	10	1.27	365
5DS0731	201	202	< 5	< 0.2	1.39	< 2	170	< 0.5	< 2	0.87	< 0.5	10	34	32	2.51	< 10	100	0.07	10	0.81	300
5DS0732	201	202	< 5	< 0.2	1.51	2	190	< 0.5	< 2	0.92	< 0.5	10	32	31	2.52	< 10	100	0.07	10	0.77	285

CERTIFICATION:_____

Chemex Labs Ltd.

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To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
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Project : NONE
Comments: ATTN: GEORGE NICHOLSON

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CERTIFICATE OF ANALYSIS A9744805

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
5DS0692	201	202	1	< 0.01	34	1060	6	< 2	6	97	0.12	< 10	< 10	76	< 10	116
5DS0693	201	202	2	< 0.01	29	1010	8	< 2	5	91	0.07	< 10	< 10	56	< 10	100
5DS0694	201	202	3	< 0.01	32	1030	6	< 2	5	97	0.10	< 10	< 10	70	< 10	116
5DS0695	201	202	< 1	< 0.01	33	1010	10	< 2	5	81	0.13	< 10	< 10	66	< 10	104
5DS0696	201	202	1	< 0.01	29	1040	8	< 2	5	88	0.10	< 10	< 10	58	< 10	102
5DS0697	201	202	3	< 0.01	31	1040	8	2	5	98	0.12	< 10	< 10	68	< 10	104
5DS0698	201	202	1	< 0.01	31	940	6	< 2	5	83	0.13	< 10	< 10	71	< 10	94
5DS0699	201	202	1	< 0.01	34	950	8	< 2	6	71	0.15	< 10	< 10	69	< 10	90
5DS0700	201	202	< 1	< 0.01	32	910	8	< 2	5	69	0.14	< 10	< 10	64	< 10	88
5DS0701	201	202	1	< 0.01	33	930	6	2	5	71	0.16	< 10	< 10	70	< 10	94
5DS0702	201	202	1	< 0.01	32	910	8	< 2	5	63	0.15	< 10	< 10	62	< 10	92
5DS0703	201	202	< 1	< 0.01	32	920	6	< 2	5	70	0.10	< 10	< 10	51	< 10	88
5DS0704	201	202	1	< 0.01	32	930	6	< 2	5	72	0.12	< 10	< 10	57	< 10	84
5DS0705	201	202	8	< 0.01	26	860	10	2	< 1	48	0.01	< 10	< 10	132	< 10	150
5DS0706	201	202	24	< 0.01	43	1050	12	6	1	56	0.01	< 10	< 10	334	< 10	308
5DS0707	201	202	15	< 0.01	48	1400	40	2	3	153	< 0.01	< 10	< 10	114	< 10	190
5DS0708	201	202	5	< 0.01	65	1450	12	2	1	117	< 0.01	< 10	< 10	91	< 10	318
5DS0709	201	202	3	< 0.01	38	1320	8	2	2	131	0.01	< 10	< 10	67	< 10	170
5DS0710	201	202	3	< 0.01	49	1550	6	2	3	100	< 0.01	< 10	< 10	70	< 10	186
5DS0711	201	202	3	< 0.01	32	1360	8	< 2	4	57	0.03	< 10	< 10	59	< 10	138
5DS0712	201	202	2	< 0.01	34	1310	10	< 2	3	70	0.01	< 10	< 10	77	< 10	160
5DS0713	201	202	3	< 0.01	30	1320	10	< 2	3	66	0.01	< 10	< 10	73	< 10	150
5DS0714	201	202	1	< 0.01	26	1290	12	< 2	1	66	0.01	< 10	< 10	47	< 10	180
5DS0715	201	202	3	< 0.01	16	2140	22	< 2	1	99	< 0.01	< 10	< 10	42	< 10	36
5DS0716	201	202	3	< 0.01	37	1530	12	2	3	50	0.01	< 10	< 10	38	< 10	178
5DS0717	201	202	3	< 0.01	28	1670	16	< 2	3	73	0.01	< 10	< 10	51	< 10	112
5DS0718	201	202	2	< 0.01	57	1490	8	< 2	7	99	0.11	< 10	< 10	87	< 10	174
5DS0719	201	202	1	< 0.01	43	1560	10	< 2	4	71	0.03	< 10	< 10	60	< 10	176
5DS0720	201	202	2	< 0.01	37	1480	14	< 2	4	74	0.04	< 10	< 10	65	< 10	158
5DS0721	201	202	1	< 0.01	36	1350	10	< 2	4	73	0.03	< 10	< 10	59	< 10	140
5DS0722	201	202	1	< 0.01	41	1420	8	< 2	5	71	0.05	< 10	< 10	75	< 10	144
5DS0723	201	202	3	< 0.01	40	1360	12	2	5	69	0.05	< 10	< 10	72	< 10	136
5DS0724	201	202	2	< 0.01	34	1420	12	< 2	4	72	0.04	< 10	< 10	71	< 10	130
5DS0725	201	202	2	< 0.01	26	1370	12	< 2	4	78	0.04	< 10	< 10	67	< 10	110
5DS0726	201	202	1	< 0.01	26	1400	12	2	3	85	0.05	< 10	< 10	64	< 10	100
5DS0728	201	202	< 1	< 0.01	67	960	4	< 2	9	57	0.21	< 10	< 10	81	< 10	94
5DS0729	201	202	< 1	< 0.01	28	820	2	< 2	5	51	0.10	< 10	< 10	44	< 10	78
5DS0730	201	202	< 1	< 0.01	40	790	6	< 2	6	45	0.20	< 10	< 10	72	< 10	94
5DS0731	201	202	< 1	< 0.01	27	780	4	< 2	5	43	0.08	< 10	< 10	44	< 10	82
5DS0732	201	202	< 1	< 0.01	26	800	6	< 2	5	47	0.07	< 10	< 10	43	< 10	84

CERTIFICATION:_____

Chemex Labs Ltd.

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : NONE
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 10-OCT-97
Invoice No. :19744805
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744805

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
5DS0733	201	202	< 5	< 0.2	1.48	8	190	< 0.5	< 2	0.85	< 0.5	10	26	31	2.57	< 10	90	0.07	10	0.66	365
5DS0734	201	202	< 5	< 0.2	1.56	2	200	< 0.5	< 2	0.88	< 0.5	10	29	33	2.65	< 10	110	0.06	10	0.73	305
5DS0735	201	202	< 5	< 0.2	1.61	< 2	200	< 0.5	< 2	0.86	< 0.5	10	32	31	2.62	< 10	100	0.08	10	0.80	315
5DS0736	201	202	< 5	< 0.2	1.58	2	200	< 0.5	< 2	0.96	< 0.5	10	32	34	2.68	< 10	120	0.08	10	0.78	320
5DS0737	201	202	< 5	< 0.2	1.60	< 2	200	< 0.5	< 2	0.78	< 0.5	10	31	29	2.53	< 10	90	0.08	10	0.73	295
5DS0738	201	202	< 5	< 0.2	1.51	4	180	< 0.5	< 2	0.70	< 0.5	10	28	30	2.50	< 10	100	0.09	10	0.68	330
5DS0739	201	202	< 5	< 0.2	1.70	2	200	< 0.5	< 2	0.90	< 0.5	10	29	21	2.63	< 10	40	0.06	10	0.87	415
5DS0740	201	202	< 5	< 0.2	1.49	2	180	< 0.5	< 2	0.78	< 0.5	11	37	17	2.48	< 10	40	0.04	10	1.03	265
5DS0741	201	202	< 5	< 0.2	1.40	< 2	170	< 0.5	< 2	0.69	< 0.5	10	32	17	2.36	< 10	40	0.04	10	0.94	240
5DS0742	201	202	< 5	< 0.2	1.55	< 2	200	< 0.5	< 2	1.03	< 0.5	12	38	30	2.86	< 10	80	0.05	10	1.01	375
5DS0743	201	202	< 5	< 0.2	1.65	4	190	< 0.5	< 2	0.78	< 0.5	13	37	31	2.90	< 10	100	0.06	10	1.13	360
5DS0744	201	202	< 5	< 0.2	1.84	< 2	230	< 0.5	< 2	0.93	< 0.5	13	40	38	3.06	< 10	100	0.06	10	1.14	310
5DS0745	201	202	< 5	< 0.2	1.52	2	190	< 0.5	< 2	0.86	< 0.5	11	34	25	2.61	< 10	60	0.05	10	0.96	290
5DS0746	201	202	< 5	< 0.2	1.75	6	220	< 0.5	< 2	0.85	< 0.5	12	36	34	2.95	< 10	100	0.07	10	0.95	360
5DS0747	201	202	< 5	< 0.2	1.69	2	200	< 0.5	< 2	0.86	< 0.5	12	40	29	2.75	< 10	90	0.07	10	1.08	300
5DS0748	201	202	< 5	< 0.2	1.85	< 2	240	< 0.5	< 2	0.92	< 0.5	13	39	33	3.03	< 10	90	0.08	10	1.08	360
5DS0749	201	202	< 5	< 0.2	1.49	2	200	< 0.5	< 2	0.88	< 0.5	11	35	28	2.70	< 10	80	0.06	10	0.88	310
5DS0750	201	202	< 5	< 0.2	1.51	4	200	< 0.5	< 2	0.81	< 0.5	11	34	29	2.69	< 10	80	0.06	10	0.87	295
5DS0751	201	202	< 5	< 0.2	2.09	6	200	< 0.5	< 2	1.23	0.5	10	32	35	2.78	< 10	90	0.06	10	0.64	500
5DS0752	201	202	< 5	< 0.2	2.04	2	210	< 0.5	< 2	1.25	0.5	11	34	32	3.01	< 10	80	0.06	10	0.75	400
5DS0753	201	202	< 5	< 0.2	1.98	< 2	190	< 0.5	< 2	1.21	0.5	14	50	41	2.99	< 10	180	0.06	10	1.17	350
5DS0754	201	202	< 5	< 0.2	2.02	< 2	210	< 0.5	< 2	1.09	< 0.5	17	58	44	3.32	< 10	230	0.06	10	1.40	440
5DS0755	201	202	< 5	< 0.2	2.15	< 2	230	< 0.5	< 2	1.02	< 0.5	20	69	49	3.56	< 10	180	0.04	10	1.83	410
5DS0756	201	202	< 5	< 0.2	2.15	< 2	240	< 0.5	< 2	1.17	< 0.5	19	73	46	3.61	< 10	170	0.05	10	1.91	405
5DS0757	201	202	< 5	< 0.2	2.13	< 2	200	< 0.5	< 2	1.32	< 0.5	18	70	43	3.34	< 10	160	0.04	10	1.76	330
5DS0758	201	202	< 5	< 0.2	1.99	6	200	< 0.5	< 2	1.23	< 0.5	16	61	40	3.19	< 10	150	0.04	10	1.63	340
5DS0759	201	202	< 5	< 0.2	2.04	< 2	220	< 0.5	< 2	1.08	< 0.5	18	63	44	3.38	< 10	200	0.04	10	1.71	375
5DS0760	201	202	< 5	< 0.2	2.12	< 2	230	< 0.5	< 2	1.17	< 0.5	19	67	46	3.44	< 10	170	0.04	10	1.74	440
5DS0761	201	202	< 5	< 0.2	2.14	< 2	230	< 0.5	< 2	1.41	< 0.5	16	63	45	3.22	< 10	210	0.05	10	1.60	380
5DS0762	201	202	< 5	< 0.2	2.21	< 2	270	< 0.5	< 2	1.15	< 0.5	21	73	43	3.69	< 10	210	0.06	10	1.96	460
5DS0763	201	202	< 5	< 0.2	2.20	< 2	250	< 0.5	< 2	1.21	< 0.5	18	67	49	3.41	< 10	220	0.06	10	1.69	410
5DS0764	201	202	< 5	< 0.2	1.83	< 2	300	< 0.5	< 2	1.07	< 0.5	14	45	41	2.84	< 10	150	0.08	10	1.20	350
5DS0765	201	202	< 5	< 0.2	2.15	< 2	270	< 0.5	< 2	1.30	< 0.5	16	60	49	3.20	< 10	330	0.08	10	1.52	330
5DS0766	201	202	< 5	< 0.2	1.83	< 2	260	< 0.5	< 2	1.14	< 0.5	13	50	38	2.67	< 10	120	0.07	10	1.30	290
5DS0767	201	202	< 5	< 0.2	2.06	< 2	250	< 0.5	< 2	1.12	< 0.5	19	62	42	3.36	< 10	160	0.06	10	1.71	430
5DS0768	201	202	< 5	< 0.2	2.06	< 2	250	< 0.5	< 2	1.41	< 0.5	16	60	48	3.16	< 10	200	0.07	10	1.53	355
5DS0769	201	202	< 5	< 0.2	1.84	4	220	< 0.5	< 2	1.32	< 0.5	13	46	40	2.76	< 10	150	0.06	10	1.17	255
5DS0770	201	202	< 5	< 0.2	2.08	8	220	< 0.5	< 2	0.33	< 0.5	16	38	23	3.47	< 10	40	0.06	10	0.61	870
5DS0771	201	202	< 5	0.2	2.58	8	290	0.5	< 2	0.63	1.0	17	44	44	4.43	< 10	100	0.07	10	0.83	675
5DS0772	201	202	< 5	0.4	2.23	8	210	0.5	< 2	0.90	1.0	13	35	41	3.60	< 10	130	0.06	10	0.63	530

CERTIFICATION:

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To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : NONE
Comments: ATTN: GEORGE NICHOLSON

Page Number :6-B
Total Pages :7
Certificate Date: 10-OCT-97
Invoice No. : I9744805
P.O. Number :
Account : PHY

CERTIFICATE OF ANALYSIS A9744805

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
5DS0733	201	202	1	0.01	23	730	8	< 2	4	42	0.05	< 10	< 10	35	< 10	82
5DS0734	201	202	< 1	0.01	24	740	10	< 2	5	44	0.06	< 10	< 10	40	< 10	86
5DS0735	201	202	< 1	0.01	26	750	8	< 2	5	44	0.08	< 10	< 10	44	< 10	82
5DS0736	201	202	1	0.01	26	790	10	< 2	5	47	0.07	< 10	< 10	42	< 10	86
5DS0737	201	202	< 1	0.01	23	740	8	< 2	5	43	0.08	< 10	< 10	44	< 10	78
5DS0738	201	202	1	0.01	23	710	12	< 2	5	41	0.06	< 10	< 10	39	< 10	76
5DS0739	201	202	< 1	0.01	22	760	10	< 2	5	44	0.05	< 10	< 10	37	< 10	70
5DS0740	201	202	< 1	< 0.01	29	720	6	< 2	4	35	0.12	< 10	< 10	45	< 10	64
5DS0741	201	202	< 1	< 0.01	27	720	2	< 2	3	33	0.09	< 10	< 10	40	< 10	66
5DS0742	201	202	1	< 0.01	33	770	8	< 2	4	47	0.08	< 10	< 10	44	< 10	78
5DS0743	201	202	1	< 0.01	38	760	6	< 2	4	36	0.10	< 10	< 10	50	< 10	78
5DS0744	201	202	< 1	< 0.01	37	770	8	< 2	6	42	0.13	< 10	< 10	56	< 10	86
5DS0745	201	202	< 1	0.01	29	740	8	< 2	4	40	0.10	< 10	< 10	45	< 10	74
5DS0746	201	202	< 1	0.01	32	790	8	< 2	5	43	0.09	< 10	< 10	50	< 10	82
5DS0747	201	202	< 1	< 0.01	32	700	6	< 2	5	40	0.16	< 10	< 10	57	< 10	76
5DS0748	201	202	1	0.01	33	820	6	< 2	5	46	0.14	< 10	< 10	59	< 10	82
5DS0749	201	202	< 1	< 0.01	29	800	8	< 2	5	42	0.15	< 10	< 10	54	< 10	72
5DS0750	201	202	< 1	< 0.01	29	750	10	< 2	5	41	0.13	< 10	< 10	51	< 10	76
5DS0751	201	202	1	0.01	23	960	6	< 2	3	50	0.05	< 10	< 10	54	< 10	98
5DS0752	201	202	1	0.01	25	900	6	< 2	4	49	0.08	< 10	< 10	67	< 10	116
5DS0753	201	202	1	< 0.01	46	850	6	< 2	5	45	0.11	< 10	< 10	68	< 10	90
5DS0754	201	202	1	< 0.01	61	750	4	< 2	5	42	0.13	< 10	< 10	73	< 10	84
5DS0755	201	202	< 1	< 0.01	87	700	4	< 2	6	35	0.17	< 10	< 10	77	< 10	80
5DS0756	201	202	< 1	< 0.01	85	700	2	< 2	6	39	0.24	< 10	< 10	85	< 10	78
5DS0757	201	202	1	< 0.01	70	780	6	< 2	6	45	0.15	< 10	< 10	71	< 10	86
5DS0758	201	202	1	< 0.01	63	740	2	< 2	5	42	0.14	< 10	< 10	68	< 10	84
5DS0759	201	202	< 1	< 0.01	76	700	4	< 2	5	38	0.16	< 10	< 10	71	< 10	76
5DS0760	201	202	1	< 0.01	76	740	2	< 2	6	41	0.19	< 10	< 10	77	< 10	80
5DS0761	201	202	< 1	< 0.01	63	770	2	< 2	6	51	0.13	< 10	< 10	68	< 10	86
5DS0762	201	202	< 1	< 0.01	85	740	2	< 2	6	40	0.26	< 10	< 10	88	< 10	80
5DS0763	201	202	< 1	< 0.01	75	800	6	< 2	6	49	0.16	< 10	< 10	75	< 10	84
5DS0764	201	202	< 1	0.01	47	780	6	< 2	5	48	0.13	< 10	< 10	61	< 10	76
5DS0765	201	202	< 1	0.01	63	820	6	< 2	6	52	0.14	< 10	< 10	69	< 10	90
5DS0766	201	202	< 1	< 0.01	57	770	4	< 2	5	48	0.13	< 10	< 10	50	< 10	70
5DS0767	201	202	< 1	< 0.01	73	720	4	< 2	5	43	0.18	< 10	< 10	72	< 10	82
5DS0768	201	202	< 1	< 0.01	61	800	2	< 2	6	55	0.13	< 10	< 10	63	< 10	86
5DS0769	201	202	1	< 0.01	46	800	2	< 2	5	52	0.10	< 10	< 10	58	< 10	82
5DS0770	201	202	1	< 0.01	22	850	8	< 2	4	20	0.09	< 10	< 10	74	< 10	76
5DS0771	201	202	2	< 0.01	33	1020	8	2	7	29	0.12	< 10	< 10	102	< 10	122
5DS0772	201	202	2	0.01	29	1090	6	< 2	5	36	0.07	< 10	< 10	82	< 10	118

CERTIFICATION: _____

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To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : NONE
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 10-OCT-97
Invoice No. :I9744805
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744805

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
5DS0773	201	202	< 5	0.6	1.89	8	190	0.5	< 2	1.10	2.0	13	30	48	3.69	< 10	210	0.05	20	0.59	565
5DS0774	201	202	< 5	0.2	2.16	8	180	0.5	< 2	0.93	1.0	20	35	48	4.43	< 10	150	0.05	10	0.82	795
5DS0775	201	202	< 5	0.2	2.12	2	200	0.5	< 2	1.63	1.5	19	40	60	4.49	< 10	260	0.06	10	0.95	580
5DS0776	201	202	< 5	0.2	1.94	6	190	< 0.5	< 2	1.75	2.0	17	43	59	4.25	< 10	280	0.08	10	0.98	550
5DS0777	201	202	< 5	0.2	2.10	6	190	< 0.5	< 2	1.50	1.5	19	49	55	4.50	< 10	310	0.07	10	1.14	380
5DS0779	201	202	< 5	0.2	2.09	< 2	220	0.5	< 2	1.65	1.5	17	47	61	4.28	< 10	400	0.08	10	1.08	370
5DS0780	201	202	< 5	0.2	1.92	< 2	190	< 0.5	< 2	1.78	1.5	15	46	64	3.73	< 10	410	0.09	10	1.10	305
5DS0781	201	202	< 5	0.2	2.13	< 2	210	< 0.5	< 2	1.96	1.5	19	49	61	4.48	< 10	310	0.08	10	1.20	415
5DS0782	201	202	< 5	0.2	1.93	< 2	190	< 0.5	< 2	1.80	2.0	17	46	61	3.90	< 10	470	0.06	10	1.16	390

CERTIFICATION:_____

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SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
5DS0773	201	202	3	< 0.01	33	990	2	2	4	53	0.06	< 10	< 10	76	< 10	114
5DS0774	201	202	3	< 0.01	33	970	8	< 2	6	36	0.12	< 10	< 10	94	< 10	124
5DS0775	201	202	1	< 0.01	44	1230	8	2	7	56	0.14	< 10	< 10	96	< 10	164
5DS0776	201	202	2	< 0.01	48	1110	2	< 2	8	55	0.18	< 10	< 10	96	< 10	160
5DS0777	201	202	3	< 0.01	48	960	6	< 2	8	48	0.22	< 10	< 10	106	< 10	140
5DS0779	201	202	3	< 0.01	45	1100	4	< 2	8	65	0.20	< 10	< 10	97	< 10	152
5DS0780	201	202	2	< 0.01	47	1000	2	< 2	8	61	0.20	< 10	< 10	86	< 10	118
5DS0781	201	202	1	< 0.01	50	1070	4	< 2	8	68	0.23	< 10	< 10	103	< 10	138
5DS0782	201	202	2	< 0.01	50	950	4	< 2	7	64	0.19	< 10	< 10	85	< 10	126

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To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9744843

Comments: ATTN: GEORGE NICHOLSON

CERTIFICATE A9744843

(PHY) - INTERNATIONAL KODIAK RESOURCES INC.

Project: KODIAK
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 9-OCT-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	89	Geochem ring to approx 150 mesh
226	89	0-3 Kg crush and split
3202	89	Rock - save entire reject
229	89	ICP - AQ Digestion charge
* NOTE	1:	

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

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	89	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	89	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	89	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	89	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	89	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	89	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	89	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	89	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	89	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	89	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	89	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	89	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	89	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	89	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	89	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	89	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	89	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	89	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	89	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	89	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	89	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	89	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	89	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	89	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	89	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	89	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	89	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	89	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	89	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	89	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	89	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	89	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	89	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

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Project : KODIAK
Comments: ATTN: GEORGE NICHOLSON

Page Number :1-A
Total Pages :3
Certificate Date: 09-OCT-97
Invoice No. :I9744843
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Account :PHY

*PLEASE NOTE:

CERTIFICATE OF ANALYSIS A9744843

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
3CR0238	205	226	< 5	< 0.2	0.67	< 2	320	< 0.5	< 2	5.40	< 0.5	8	10	14	3.85	< 10	130	0.29	< 10	2.39	1105
3CR0240	205	226	< 5	< 0.2	1.10	< 2	510	< 0.5	< 2	< 0.01	< 0.5	3	22	37	1.62	< 10	20	0.31	< 10	0.25	45
3CR0250	205	226	< 5	< 0.2	2.21	< 2	2000	< 0.5	< 2	0.29	< 0.5	9	74	14	3.86	< 10	110	0.16	30	1.06	270
3CR0253	205	226	< 5	< 0.2	2.82	4	7690	< 0.5	< 2	2.39	< 0.5	10	66	15	4.59	10	30	0.20	30	1.21	625
3CR0255	205	226	< 5	< 0.2	1.89	2	3500	< 0.5	< 2	0.39	< 0.5	6	58	7	3.55	< 10	30	0.20	30	0.69	270
3CR0256	205	226	< 5	< 0.2	2.76	< 2	>10000	< 0.5	< 2	0.27	< 0.5	9	68	15	4.27	10	40	0.20	30	1.09	170
3CR0259	205	226	< 5	< 0.2	1.01	< 2	860	0.5	< 2	0.38	1.0	4	37	22	1.28	< 10	< 10	0.35	< 10	0.25	215
3CR0261	205	226	< 5	< 0.2	0.24	< 2	630	< 0.5	< 2	0.01	< 0.5	1	139	14	0.79	< 10	60	0.12	< 10	0.04	70
3CR0263	205	226	< 5	< 0.2	0.67	6	360	< 0.5	< 2	< 0.01	< 0.5	20	123	210	7.77	< 10	130	0.09	< 10	0.03	1015
3CR0264	205	226	< 5	< 0.2	0.21	2	1260	< 0.5	< 2	< 0.01	< 0.5	24	192	92	2.30	< 10	40	0.06	< 10	0.01	6680
3CR0265	205	226	< 5	< 0.2	0.42	< 2	250	< 0.5	< 2	< 0.01	< 0.5	1	89	19	1.19	< 10	110	0.13	< 10	0.04	40
3CR0266	205	226	< 5	0.6	0.28	10	570	< 0.5	< 2	< 0.01	0.5	1	177	40	1.26	< 10	1190	0.07	< 10	0.01	35
3DR0257	205	226	< 5	< 0.2	0.46	2	130	0.5	< 2	< 0.01	< 0.5	15	184	124	4.51	< 10	10	0.04	< 10	0.01	145
3DR0258	205	226	< 5	< 0.2	1.35	2	390	< 0.5	< 2	0.01	< 0.5	5	32	48	2.32	< 10	30	0.44	< 10	0.48	65
4AR603	205	226	< 5	< 0.2	3.80	< 2	170	< 0.5	< 2	3.72	< 0.5	28	49	43	6.00	10	< 10	0.08	30	3.73	650
4AR604	205	226	< 5	< 0.2	4.29	< 2	270	0.5	< 2	2.55	< 0.5	33	83	56	6.92	10	< 10	0.07	20	4.12	600
4AR605	205	226	< 5	< 0.2	2.31	< 2	50	< 0.5	< 2	5.08	< 0.5	33	88	56	3.64	< 10	< 10	0.01	< 10	3.26	540
4AR605	205	226	< 5	< 0.2	3.56	< 2	70	< 0.5	< 2	4.05	< 0.5	28	37	60	6.44	10	< 10	0.03	20	3.92	615
4AR606	205	226	< 5	< 0.2	1.33	< 2	10	< 0.5	2	>15.00	< 0.5	12	28	4	1.69	< 10	< 10	< 0.01	< 10	1.96	660
4AR607	205	226	< 5	< 0.2	0.96	< 2	40	< 0.5	< 2	6.25	< 0.5	12	46	18	1.79	< 10	< 10	0.02	< 10	0.84	525
4AR608	205	226	< 5	< 0.2	3.58	< 2	80	< 0.5	< 2	3.73	< 0.5	32	36	52	6.04	10	< 10	0.02	20	3.53	665
5DR0629	205	226	< 5	< 0.2	0.31	< 2	1610	< 0.5	< 2	0.05	< 0.5	33	165	45	4.59	< 10	70	0.05	< 10	0.03	8200
6BAR1	205	226	< 5	6.2	2.52	< 2	120	< 0.5	Intf*	14.85	< 0.5	15	148	>10000	8.80	< 10	50	0.06	20	2.19	1695
6BAR2	205	226	< 5	< 0.2	2.08	< 2	710	< 0.5	< 2	0.88	< 0.5	16	42	75	5.05	< 10	450	0.12	10	1.39	515
6BAR3	205	226	15	0.2	0.52	< 2	320	< 0.5	< 2	0.30	< 0.5	1	82	564	1.45	< 10	590	0.15	< 10	0.17	50
6D1	205	226	< 5	< 0.2	4.21	< 2	3030	0.5	< 2	2.23	< 0.5	30	53	103	6.97	10	10	0.10	30	3.73	945
6D2	205	226	< 5	< 0.2	1.43	< 2	120	< 0.5	< 2	2.18	< 0.5	5	169	45	2.61	< 10	30	0.05	30	1.04	405
6E3	205	226	< 5	< 0.2	0.47	< 2	100	< 0.5	< 2	0.05	< 0.5	9	111	91	2.82	< 10	170	0.05	< 10	0.11	290
9AR0010	205	226	< 5	< 0.2	0.35	< 2	180	< 0.5	< 2	0.01	< 0.5	6	126	83	2.25	< 10	210	0.03	< 10	0.01	185
11AR0249	205	226	15	< 0.2	0.38	6	300	< 0.5	< 2	0.02	< 0.5	< 1	123	42	1.73	< 10	90	0.13	< 10	0.04	30
11AR0253	205	226	25	< 0.2	0.32	< 2	190	< 0.5	< 2	< 0.01	< 0.5	< 1	189	25	0.78	< 10	30	0.09	< 10	0.04	25
11AR0266	205	226	5	0.2	1.16	2	490	0.5	< 2	0.12	1.5	13	46	56	2.13	< 10	120	0.36	< 10	0.22	165
11AR0375	205	226	< 5	< 0.2	1.64	2	520	0.5	< 2	0.04	< 0.5	5	35	38	2.18	< 10	130	0.38	10	0.55	190
11AR0385	205	226	< 5	< 0.2	3.77	< 2	1140	< 0.5	< 2	1.09	< 0.5	32	74	98	6.67	10	< 10	0.16	10	2.88	1435
11AR0392	205	226	< 5	< 0.2	3.61	< 2	2310	0.5	< 2	5.79	< 0.5	14	15	12	4.60	< 10	< 10	0.38	50	1.42	695
11BR0321	205	226	< 5	< 0.2	1.04	< 2	340	< 0.5	< 2	0.04	< 0.5	3	17	33	1.33	< 10	140	0.24	< 10	0.30	50
11BR0329	205	226	< 5	< 0.2	0.49	< 2	230	< 0.5	< 2	0.03	< 0.5	14	119	47	2.43	< 10	210	0.06	< 10	0.02	2850
11BR0332	205	226	< 5	< 0.2	1.70	< 2	700	0.5	< 2	3.09	< 0.5	9	54	26	2.07	< 10	50	0.36	10	1.14	220
11BR0343	205	226	< 5	< 0.2	2.62	< 2	680	< 0.5	< 2	6.19	< 0.5	22	85	68	3.51	< 10	< 10	0.07	10	2.77	465
11BR0344	205	226	< 5	< 0.2	2.96	< 2	120	< 0.5	< 2	5.86	< 0.5	41	81	76	7.53	10	50	0.04	20	3.15	780

CERTIFICATION: _____*

*INTERFERENCE: Cu ON Bi AND P.

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : KODIAK
Comments: ATTN: GEORGE NICHOLSON

Page Number :1-B
Total Pages :3
Certificate Date: 09-OCT-97
Invoice No. :I9744843
P.O. Number :
Account :PHY

*PLEASE NOTE:

CERTIFICATE OF ANALYSIS A9744843

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
3CR0238	205	226	< 1	< 0.01	17	120	2	< 2	4	134	< 0.01	< 10	< 10	7	< 10	46
3CR0240	205	226	< 1	< 0.01	8	140	6	< 2	3	11	< 0.01	< 10	< 10	10	< 10	18
3CR0250	205	226	< 1	0.02	20	1080	2	< 2	10	17	0.01	< 10	< 10	62	< 10	96
3CR0253	205	226	1	0.01	22	1050	4	< 2	10	99	0.01	< 10	< 10	63	< 10	100
3CR0255	205	226	< 1	0.02	12	930	8	< 2	6	24	< 0.01	< 10	< 10	30	< 10	72
3CR0256	205	226	1	0.01	34	1040	6	< 2	7	40	< 0.01	< 10	< 10	60	< 10	86
3CR0259	205	226	< 1	< 0.01	20	220	< 2	< 2	3	29	< 0.01	< 10	< 10	8	< 10	72
3CR0261	205	226	< 1	< 0.01	8	100	2	< 2	1	16	< 0.01	< 10	< 10	16	< 10	42
3CR0263	205	226	1	< 0.01	33	350	2	2	2	11	< 0.01	< 10	< 10	19	< 10	180
3CR0264	205	226	1	< 0.01	10	90	4	< 2	1	3	< 0.01	< 10	< 10	7	< 10	60
3CR0265	205	226	< 1	< 0.01	1	110	2	< 2	1	9	< 0.01	< 10	< 10	7	< 10	6
3CR0266	205	226	6	< 0.01	14	430	2	2	< 1	57	< 0.01	< 10	< 10	300	< 10	20
3DR0257	205	226	3	< 0.01	48	130	2	< 2	2	6	< 0.01	< 10	< 10	18	< 10	298
3DR0258	205	226	< 1	< 0.01	15	130	8	< 2	3	15	< 0.01	< 10	< 10	18	< 10	50
4AR603	205	226	< 1	0.03	36	1550	< 2	< 2	11	99	0.40	< 10	< 10	203	< 10	38
4AR604	205	226	< 1	< 0.01	57	1450	< 2	2	14	56	0.54	< 10	< 10	219	< 10	86
4AR605	205	226	< 1	< 0.01	180	630	< 2	< 2	4	73	0.22	< 10	< 10	58	< 10	38
4AR605	205	226	< 1	< 0.01	27	1530	< 2	< 2	11	65	0.46	< 10	< 10	224	< 10	106
4AR606	205	226	< 1	< 0.01	60	50	2	< 2	< 1	554	0.02	< 10	< 10	14	< 10	12
4AR607	205	226	< 1	< 0.01	18	310	2	< 2	8	75	0.31	< 10	< 10	137	< 10	22
4AR608	205	226	< 1	< 0.01	32	1830	< 2	< 2	9	46	0.35	< 10	< 10	197	< 10	120
5DR0629	205	226	1	< 0.01	8	70	< 2	< 2	1	3	< 0.01	< 10	< 10	22	< 10	56
6BAR1	205	226	2	< 0.01	67	Intf*	< 2	< 2	14	279	0.01	20	< 10	89	< 10	88
6BAR2	205	226	< 1	< 0.01	20	1160	2	< 2	5	41	0.40	< 10	< 10	132	< 10	104
6BAR3	205	226	< 1	< 0.01	6	120	6	< 2	1	11	< 0.01	< 10	< 10	20	< 10	12
6D1	205	226	< 1	< 0.01	36	1600	< 2	< 2	16	90	0.55	< 10	< 10	252	< 10	156
6D2	205	226	1	0.01	10	640	< 2	< 2	2	83	< 0.01	< 10	< 10	55	< 10	14
6E3	205	226	< 1	< 0.01	30	220	24	< 2	2	7	0.01	< 10	< 10	35	< 10	44
9AR0010	205	226	2	< 0.01	18	100	4	< 2	1	13	< 0.01	< 10	< 10	9	< 10	70
11AR0249	205	226	1	< 0.01	14	460	2	< 2	1	11	< 0.01	< 10	< 10	23	< 10	100
11AR0253	205	226	< 1	< 0.01	10	70	2	< 2	1	5	< 0.01	< 10	< 10	14	< 10	58
11AR0266	205	226	1	< 0.01	42	450	6	< 2	4	30	< 0.01	< 10	< 10	40	< 10	348
11AR0375	205	226	< 1	< 0.01	20	310	4	< 2	4	18	< 0.01	< 10	< 10	25	< 10	62
11AR0385	205	226	< 1	0.02	71	1100	< 2	< 2	20	56	0.01	< 10	< 10	191	< 10	104
11AR0392	205	226	< 1	0.02	8	4280	2	< 2	4	110	< 0.01	< 10	< 10	54	< 10	86
11BR0321	205	226	< 1	< 0.01	11	130	6	< 2	3	9	< 0.01	< 10	< 10	10	< 10	36
11BR0329	205	226	1	< 0.01	119	100	6	< 2	3	25	< 0.01	< 10	< 10	11	< 10	72
11BR0332	205	226	< 1	< 0.01	17	820	8	< 2	4	139	< 0.01	< 10	< 10	23	< 10	56
11BR0343	205	226	< 1	< 0.01	81	730	< 2	< 2	8	128	0.41	< 10	< 10	104	< 10	52
11BR0344	205	226	< 1	< 0.01	60	1640	2	< 2	13	98	0.67	< 10	< 10	217	< 10	78

CERTIFICATION:_____*

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CERTIFICATE OF ANALYSIS A9744843

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
11BR0351	205	226	< 5	< 0.2	1.91	< 2	140	< 0.5	< 2	0.24	< 0.5	9	106	7	2.83	< 10	10	0.07	10	1.70	200
11DR0272	205	226	< 5	< 0.2	0.18	< 2	140	< 0.5	< 2	0.07	< 0.5	3	132	22	1.03	< 10	< 10	0.04	< 10	0.07	185
11DR0275	205	226	< 5	< 0.2	0.10	< 2	230	< 0.5	< 2	0.01	< 0.5	3	190	13	0.87	< 10	30	0.01	< 10	0.01	705
11DR0285	205	226	< 5	0.2	0.68	< 2	190	< 0.5	< 2	3.94	0.5	6	33	15	1.64	< 10	80	0.28	10	2.28	230
11DR0285	205	226	< 5	< 0.2	0.67	< 2	160	< 0.5	< 2	4.22	0.5	6	45	14	1.66	< 10	80	0.27	10	2.42	260
11DR0289	205	226	< 5	< 0.2	0.13	< 2	170	< 0.5	< 2	0.01	< 0.5	1	200	25	0.77	< 10	940	0.02	< 10	0.01	145
11DR0290	205	226	< 5	< 0.2	0.24	< 2	270	< 0.5	< 2	0.01	< 0.5	3	203	38	1.05	< 10	980	0.03	< 10	0.01	30
11DR0291	205	226	< 5	0.2	0.31	36	300	< 0.5	< 2	0.01	< 0.5	1	142	59	3.65	< 10	8450	0.05	< 10	0.01	55
11DR0300	205	226	< 5	1.0	0.09	< 2	270	< 0.5	< 2	0.01	< 0.5	1	206	28	0.72	< 10	80	0.03	< 10	< 0.01	30
11DR0313	205	226	< 5	< 0.2	1.03	6	130	0.5	< 2	0.26	2.5	7	34	24	2.72	< 10	650	< 0.01	60	0.03	645
11DR0314	205	226	< 5	< 0.2	2.22	12	1480	2.0	< 2	0.18	4.5	18	87	28	>15.00	10	20	0.41	< 10	0.51	435
11DR0318	205	226	< 5	4.8	0.37	12	130	0.5	< 2	0.08	3.5	4	140	42	10.70	< 10	490	0.07	< 10	0.02	105
11DR0349	205	226	< 5	< 0.2	3.54	< 2	610	0.5	< 2	0.97	1.0	25	11	39	7.52	10	< 10	0.11	10	2.67	1005
11DR0350	205	226	< 5	< 0.2	3.60	4	290	0.5	< 2	1.01	1.0	28	7	23	8.27	10	< 10	0.17	10	3.09	780
18AR0284	205	226	< 5	< 0.2	0.22	< 2	410	< 0.5	< 2	0.01	< 0.5	< 1	141	19	0.76	< 10	160	0.10	< 10	0.03	15
18AR0290	205	226	< 5	< 0.2	0.37	22	220	< 0.5	< 2	0.03	0.5	19	112	76	6.51	< 10	80	0.08	< 10	0.03	860
18AR0291	205	226	< 5	< 0.2	0.73	12	590	< 0.5	< 2	0.04	< 0.5	2	31	70	5.86	< 10	80	0.18	< 10	0.12	55
18D0301	205	226	< 5	< 0.2	3.28	2	1260	< 0.5	< 2	1.08	1.0	26	48	77	5.65	< 10	< 10	0.19	10	3.00	605
18D0311	205	226	< 5	< 0.2	3.53	< 2	1680	< 0.5	< 2	1.29	1.5	24	11	100	7.49	10	< 10	0.11	10	1.79	950
18D0313	205	226	< 5	< 0.2	3.61	6	500	< 0.5	< 2	1.27	1.0	25	17	110	6.00	10	< 10	0.04	< 10	2.24	855
18D0315	205	226	< 5	< 0.2	3.62	< 2	3100	< 0.5	< 2	1.09	0.5	24	44	65	5.41	10	< 10	0.14	10	2.77	885
18D0318	205	226	< 5	< 0.2	2.88	< 2	120	< 0.5	< 2	1.24	1.0	20	7	22	6.15	10	10	0.07	30	2.30	885
18D0324	205	226	< 5	< 0.2	3.24	6	650	< 0.5	< 2	1.36	0.5	28	40	89	4.56	< 10	10	0.09	10	2.80	590
18D0329	205	226	< 5	< 0.2	3.29	4	540	< 0.5	< 2	0.80	0.5	19	43	73	4.94	< 10	10	0.14	< 10	2.38	790
18D0330	205	226	< 5	< 0.2	2.87	< 2	290	< 0.5	< 2	0.90	0.5	23	36	95	5.50	10	< 10	0.05	10	2.42	590
18DR322	205	226	< 5	< 0.2	1.90	< 2	400	< 0.5	< 2	0.68	0.5	18	66	56	4.21	< 10	10	0.12	10	1.94	295
19AR0009	205	226	< 5	< 0.2	0.25	< 2	240	< 0.5	< 2	0.03	< 0.5	2	170	26	1.86	< 10	70	0.06	< 10	0.07	90
19AR0011	205	226	< 5	< 0.2	0.17	10	300	< 0.5	< 2	0.08	< 0.5	1	144	13	0.83	< 10	20	0.03	< 10	0.10	65
19CR0001	205	226	< 5	< 0.2	1.54	< 2	220	< 0.5	< 2	8.29	0.5	11	5	6	4.47	< 10	80	0.09	10	0.93	1340
19CR0002	205	226	30	< 0.2	0.42	< 2	160	< 0.5	< 2	0.02	< 0.5	1	51	50	0.30	< 10	110	0.20	< 10	0.03	15
19CR0003	205	226	< 5	< 0.2	1.84	< 2	220	< 0.5	< 2	0.18	< 0.5	5	39	27	3.29	< 10	< 10	0.15	10	1.06	65
19CR0004	205	226	< 5	< 0.2	3.62	< 2	1120	0.5	< 2	6.02	0.5	24	93	43	6.06	10	90	0.11	20	2.94	1010
19CR0005	205	226	50	< 0.2	2.66	4	420	1.0	< 2	3.89	< 0.5	26	12	46	6.76	10	170	0.10	60	1.98	885
19CR0006	205	226	10	< 0.2	0.14	< 2	150	< 0.5	< 2	0.10	< 0.5	2	124	43	0.79	< 10	70	0.07	< 10	0.04	170
19CR0007	205	226	< 5	< 0.2	0.13	< 2	220	< 0.5	< 2	>15.00	1.5	3	7	< 1	5.73	< 10	10	0.05	< 10	2.37	1340
19CR0008	205	226	5	< 0.2	3.65	6	720	0.5	< 2	3.57	1.5	28	86	49	6.50	10	70	0.13	30	2.99	870
19CR00012	205	226	< 5	0.2	0.30	< 2	1010	< 0.5	< 2	0.04	< 0.5	3	194	46	1.41	< 10	160	0.08	< 10	0.01	40
19CR00013	205	226	< 5	< 0.2	2.07	2	2890	< 0.5	< 2	0.31	< 0.5	9	59	13	3.65	10	40	0.14	30	1.04	180
19CR00014	205	226	< 5	< 0.2	0.07	< 2	2450	< 0.5	< 2	0.06	< 0.5	< 1	3	10	0.13	< 10	30	0.01	< 10	0.03	10
19CR00015	205	226	< 5	< 0.2	0.27	< 2	740	< 0.5	< 2	9.55	1.0	6	57	4	3.97	< 10	140	0.04	10	3.98	1095

CERTIFICATION:_____*

*INTERFERENCE: Cu ON Bi AND P.

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : KODIAK
Comments: ATTN: GEORGE NICHOLSON

Page Number :2-B
Total Pages :3
Certificate Date: 09-OCT-97
Invoice No. :I9744843
P.O. Number :
Account :PHY

*PLEASE NOTE:

CERTIFICATE OF ANALYSIS A9744843

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
11BR0351	205	226	< 1	0.01	26	970	< 2	< 2	3	9	< 0.01	< 10	< 10	114	< 10	30
11DR0272	205	226	< 1	< 0.01	9	80	< 2	< 2	< 1	4	< 0.01	< 10	< 10	9	< 10	36
11DR0275	205	226	< 1	< 0.01	9	60	< 2	< 2	1	9	< 0.01	< 10	< 10	6	< 10	12
11DR0285	205	226	< 1	0.01	16	340	6	< 2	4	73	< 0.01	< 10	< 10	10	< 10	48
11DR0285	205	226	< 1	0.01	16	320	4	< 2	4	80	< 0.01	< 10	< 10	9	< 10	46
11DR0289	205	226	< 1	< 0.01	8	90	< 2	< 2	1	15	< 0.01	< 10	< 10	12	< 10	22
11DR0290	205	226	< 1	< 0.01	6	130	< 2	< 2	1	30	< 0.01	< 10	< 10	14	< 10	20
11DR0291	205	226	4	< 0.01	21	360	6	12	< 1	29	< 0.01	< 10	< 10	52	< 10	28
11DR0300	205	226	1	< 0.01	16	140	< 2	< 2	< 1	17	< 0.01	< 10	< 10	8	< 10	38
11DR0313	205	226	4	< 0.01	32	1190	28	< 2	6	39	< 0.01	< 10	< 10	34	< 10	438
11DR0314	205	226	38	< 0.01	290	1390	4	6	8	44	0.15	< 10	30	77	< 10	4050
11DR0318	205	226	10	< 0.01	76	540	6	6	1	19	< 0.01	< 10	< 10	90	< 10	1485
11DR0349	205	226	< 1	< 0.01	12	1450	< 2	< 2	9	33	0.42	< 10	< 10	122	< 10	132
11DR0350	205	226	< 1	0.01	8	1690	2	2	13	36	0.46	< 10	< 10	135	< 10	102
18AR0284	205	226	1	< 0.01	4	100	6	< 2	< 1	11	< 0.01	< 10	< 10	13	< 10	16
18AR0290	205	226	3	< 0.01	75	1000	2	2	8	27	< 0.01	< 10	< 10	127	< 10	660
18AR0291	205	226	3	< 0.01	9	1360	< 2	2	5	25	< 0.01	< 10	< 10	49	< 10	84
18D0301	205	226	< 1	< 0.01	61	1030	< 2	< 2	9	35	0.43	< 10	< 10	163	< 10	68
18D0311	205	226	< 1	< 0.01	26	1180	< 2	< 2	8	34	0.59	< 10	< 10	298	< 10	78
18D0313	205	226	< 1	< 0.01	31	1030	< 2	< 2	8	26	0.32	< 10	< 10	172	< 10	76
18D0315	205	226	< 1	< 0.01	55	970	< 2	< 2	8	33	0.36	< 10	< 10	144	< 10	64
18D0318	205	226	< 1	< 0.01	4	2560	< 2	2	3	100	0.31	< 10	< 10	102	< 10	140
18D0324	205	226	< 1	< 0.01	128	920	< 2	< 2	1	30	0.20	< 10	< 10	66	< 10	54
18D0329	205	226	< 1	< 0.01	34	640	< 2	< 2	11	16	0.30	< 10	< 10	137	< 10	54
18D0330	205	226	< 1	< 0.01	38	1200	< 2	< 2	7	23	0.36	< 10	< 10	144	< 10	72
18DR322	205	226	< 1	0.02	43	710	< 2	< 2	6	34	0.27	< 10	< 10	118	< 10	56
19AR0009	205	226	1	< 0.01	9	50	< 2	2	4	6	< 0.01	< 10	< 10	15	< 10	46
19AR0011	205	226	1	< 0.01	9	330	< 2	2	< 1	29	0.01	< 10	< 10	29	< 10	20
19CR0001	205	226	< 1	0.03	3	1810	< 2	< 2	5	177	< 0.01	< 10	< 10	40	< 10	32
19CR0002	205	226	< 1	< 0.01	5	50	< 2	< 2	1	5	< 0.01	< 10	< 10	8	< 10	8
19CR0003	205	226	< 1	0.01	14	390	2	< 2	5	14	< 0.01	< 10	< 10	37	< 10	70
19CR0004	205	226	< 1	0.02	71	1520	< 2	< 2	13	139	< 0.01	< 10	< 10	156	< 10	100
19CR0005	205	226	< 1	0.03	14	4640	2	< 2	1	218	0.02	< 10	< 10	26	< 10	96
19CR0006	205	226	< 1	< 0.01	8	40	< 2	< 2	1	7	< 0.01	< 10	< 10	5	< 10	42
19CR0007	205	226	< 1	< 0.01	4	130	< 2	< 2	< 1	425	< 0.01	< 10	< 10	4	< 10	6
19CR0008	205	226	< 1	0.03	69	1780	2	< 2	15	131	0.01	< 10	< 10	189	< 10	374
19CR00012	205	226	< 1	< 0.01	22	430	2	< 2	2	53	< 0.01	< 10	< 10	13	< 10	52
19CR00013	205	226	< 1	0.02	23	960	2	< 2	8	21	< 0.01	< 10	< 10	49	< 10	120
19CR00014	205	226	3	< 0.01	5	150	< 2	2	< 1	160	< 0.01	< 10	< 10	37	< 10	16
19CR00015	205	226	< 1	< 0.01	16	1490	4	2	3	628	< 0.01	< 10	< 10	20	< 10	38

CERTIFICATION:_____*

*INTERFERENCE: Cu ON Bi AND P.

Chemex Labs Ltd.

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : KODIAK
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 09-OCT-97
Invoice No. : I9744843
P.O. Number :
Account : PHY

*PLEASE NOTE:

CERTIFICATE OF ANALYSIS A9744843

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
19CR00016	205	226	< 5	0.8	0.18	12	570	< 0.5	< 2	0.05	0.5	< 1	97	17	1.47	< 10	280	0.13	< 10	0.02	15
19CR00017	205	226	< 5	< 0.2	3.55	2	440	0.5	< 2	6.05	1.0	25	74	46	6.51	10	70	0.13	20	2.71	1265
19CR00018	205	226	< 5	< 0.2	0.02	< 2	2020	< 0.5	< 2	0.08	< 0.5	< 1	2	4	0.07	< 10	10	< 0.01	< 10	< 0.01	15
19DR0001	205	226	< 5	< 0.2	3.42	< 2	840	< 0.5	< 2	1.47	1.0	25	12	83	6.01	< 10	10	0.07	10	1.82	905
19DR0002	205	226	< 5	< 0.2	3.23	< 2	740	0.5	< 2	1.27	0.5	29	8	27	7.97	10	20	0.16	10	3.04	530
19DR0003	205	226	< 5	< 0.2	0.85	< 2	1250	< 0.5	< 2	1.15	< 0.5	3	108	38	1.79	< 10	10	0.01	< 10	0.78	190
19DR0004	205	226	< 5	< 0.2	3.05	< 2	170	0.5	< 2	1.17	0.5	26	4	28	7.73	10	< 10	0.03	20	2.97	850
19DR0005	205	226	< 5	< 0.2	1.24	< 2	120	< 0.5	< 2	0.17	< 0.5	8	106	12	2.24	< 10	< 10	0.03	10	1.23	125
19DR0006	205	226	< 5	< 0.2	2.49	< 2	70	< 0.5	< 2	0.66	1.0	15	95	7	4.78	10	< 10	< 0.01	20	2.36	305

CERTIFICATION: _____ *

*INTERFERENCE: Cu ON Bi AND P.

Chemex Labs Ltd.

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : KODIAK
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 09-OCT-97
Invoice No. : I9744843
P.O. Number :
Account :PHY

*PLEASE NOTE:

CERTIFICATE OF ANALYSIS A9744843

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
19CR00016	205	226	14	0.01	20	690	18	2	1	90	< 0.01	< 10	< 10	65	< 10	62
19CR00017	205	226	< 1	0.02	52	1530	< 2	2	16	230	< 0.01	< 10	< 10	158	< 10	104
19CR00018	205	226	3	< 0.01	6	240	< 2	< 2	< 1	122	< 0.01	< 10	< 10	32	< 10	30
19DR0001	205	226	< 1	< 0.01	25	970	< 2	< 2	8	31	0.33	< 10	< 10	165	< 10	70
19DR0002	205	226	< 1	0.01	20	1400	< 2	< 2	8	45	0.23	< 10	< 10	179	< 10	114
19DR0003	205	226	< 1	< 0.01	14	150	< 2	< 2	3	78	< 0.01	< 10	< 10	41	< 10	26
19DR0004	205	226	< 1	< 0.01	3	2480	< 2	4	3	40	0.34	< 10	< 10	130	< 10	110
19DR0005	205	226	< 1	0.04	20	300	< 2	< 2	3	7	0.02	< 10	< 10	87	< 10	10
19DR0006	205	226	< 1	< 0.01	36	610	< 2	2	11	9	0.44	< 10	< 10	156	< 10	74

CERTIFICATION: _____*

*INTERFERENCE: Cu ON Bi AND P.

Chemex Labs Ltd.

*Analytical Chemists * Geochemists * Registered Assayers*

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

To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9744848

Comments: ATTN: GEORGE NICHOLSON

CERTIFICATE A9744848

(PHY) - INTERNATIONAL KODIAK RESOURCES INC.

Project:
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 6-OCT-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	10	Dry, sieve to -80 mesh
202	10	save reject
220	10	Transferring charge
222	10	Drying charge (0-3 Kg)
229	10	ICP - AQ Digestion charge

* NOTE 1:

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

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	10	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2118	10	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	10	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	10	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	10	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	10	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	10	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	10	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	10	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	10	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	10	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	10	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	10	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	10	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	10	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	10	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	10	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	10	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	10	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	10	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	10	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	10	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	10	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	10	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	10	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	10	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	10	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	10	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	10	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	10	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	10	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	10	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	10	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Page Number :1-A
Total Pages :1
Certificate Date: 06-OCT-97
Invoice No. :I9744848
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744848

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
3CS0260	201	202	20	0.8	1.21	12	910	0.5	< 2	0.36	1.5	10	26	64	2.94	< 10	360	0.16	10	0.29	425
3CS0262	201	202	< 5	1.0	1.11	10	600	0.5	< 2	0.39	2.5	14	34	58	2.68	< 10	250	0.10	10	0.31	925
19AS0022	201	202	< 5	1.4	0.94	10	420	0.5	< 2	1.12	7.5	34	28	64	3.67	< 10	330	0.16	10	0.30	>10000
19ASS0012	201	202	< 5	1.0	0.90	18	480	0.5	< 2	0.64	3.0	8	30	71	2.24	< 10	330	0.17	10	0.31	355
19ASS0014	201	202	< 5	0.6	1.21	8	480	< 0.5	< 2	0.39	0.5	9	25	34	2.09	< 10	230	0.11	10	0.38	600
19CSS0008	201	202	35	1.8	2.07	24	270	3.5	8	0.15	2.0	27	31	340	>15.00	< 10	2680	0.08	30	0.24	3150
19CM0003	201	202	< 5	< 0.2	1.85	2	950	0.5	< 2	0.73	1.0	20	42	59	3.61	< 10	370	0.15	10	0.78	420
19CM0004	201	202	< 5	0.2	1.43	12	870	0.5	< 2	0.68	2.0	23	34	93	4.59	< 10	560	0.16	10	0.51	560
19CM..19M2CS0005	201	202	10	0.4	1.26	6	450	0.5	< 2	0.95	0.5	17	23	77	3.56	< 10	600	0.09	10	0.35	760
19CM..19M22CS006	201	202	25	0.6	0.98	8	380	0.5	< 2	0.85	0.5	16	20	137	3.36	< 10	900	0.07	10	0.27	440

CERTIFICATION:

Chemex Labs Ltd.

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Page Number :1-B
Total Pages :1
Certificate Date: 06-OCT-97
Invoice No. :I9744848
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744848

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
3CS0260	201	202	6	< 0.01	40	1440	18	2	4	75	0.01	< 10	< 10	100	< 10	124
3CS0262	201	202	10	< 0.01	43	1260	10	2	3	50	0.03	< 10	< 10	153	< 10	182
19AS0022	201	202	10	0.02	139	1100	10	2	3	89	0.01	< 10	< 10	144	< 10	442
19ASS0012	201	202	11	0.01	51	1290	12	2	3	92	0.01	< 10	10	170	< 10	326
19ASS0014	201	202	4	< 0.01	25	840	8	< 2	4	44	0.03	< 10	< 10	66	< 10	110
19CSS0008	201	202	1	< 0.01	100	1230	40	< 2	30	31	< 0.01	< 10	20	55	< 10	1230
19CM0003	201	202	3	0.01	52	1300	8	2	7	54	0.01	< 10	< 10	76	< 10	168
19CM0004	201	202	5	0.01	76	1570	10	< 2	7	71	< 0.01	< 10	< 10	98	< 10	412
19CM..19M2CS0005	201	202	3	< 0.01	47	1010	10	< 2	6	46	< 0.01	< 10	< 10	40	< 10	142
19CM..19M22CS006	201	202	2	< 0.01	49	990	12	< 2	7	40	< 0.01	< 10	< 10	30	< 10	152

CERTIFICATION:

Chemex Labs Ltd.

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

To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9744859

Comments: ATTN: GEORGE NICHOLSON

CERTIFICATE A9744859

(PHY) - INTERNATIONAL KODIAK RESOURCES INC.

Project:
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 7-OCT-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	150	Dry, sieve to -80 mesh
202	150	save reject
229	150	ICP - AQ Digestion charge
* NOTE	1:	

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

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	150	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2118	150	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	150	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	150	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	150	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	150	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	150	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	150	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	150	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	150	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	150	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	150	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	150	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	150	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	150	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	150	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	150	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	150	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	150	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	150	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	150	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	150	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	150	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	150	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	150	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	150	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	150	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	150	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	150	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	150	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	150	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	150	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	150	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 07-OCT-97
Invoice No. :I9744859
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744859

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
#9AS 0439	201 202	< 5	0.4	1.44	2	630	< 0.5	< 2	0.29	< 0.5	5	26	24	1.87	< 10	240	0.08	10	0.30	115
#9AS 0441	201 202	< 5	0.6	1.70	8	730	0.5	< 2	0.27	0.5	6	30	31	2.62	< 10	350	0.09	10	0.34	135
#9AS 0442	201 202	< 5	0.2	1.39	2	550	< 0.5	< 2	0.27	0.5	5	24	25	1.75	< 10	190	0.06	10	0.32	110
#9AS 0443	201 202	< 5	0.2	1.58	2	600	< 0.5	< 2	0.28	< 0.5	5	27	25	1.92	< 10	210	0.07	10	0.36	110
#9AS 0444	201 202	< 5	0.2	1.42	< 2	510	< 0.5	< 2	0.29	< 0.5	5	25	23	1.72	< 10	170	0.07	10	0.33	105
#9AS 0445	201 202	< 5	< 0.2	1.54	2	420	< 0.5	< 2	0.37	< 0.5	8	27	24	2.06	< 10	60	0.07	10	0.44	200
#9AS 0446	201 202	< 5	< 0.2	1.37	< 2	430	< 0.5	< 2	0.31	< 0.5	5	24	21	1.50	< 10	120	0.06	10	0.34	120
#9AS 0447	201 202	< 5	0.2	1.53	4	470	< 0.5	< 2	0.31	< 0.5	5	26	19	1.79	< 10	130	0.06	10	0.36	115
#9AS 0448	201 202	< 5	0.2	1.51	26	560	0.5	< 2	0.32	< 0.5	9	26	27	5.34	< 10	130	0.08	10	0.30	245
#9AS 0449	201 202	< 5	< 0.2	1.08	< 2	340	< 0.5	< 2	0.21	< 0.5	4	19	16	1.25	< 10	80	0.05	10	0.26	100
#9AS 0450	201 202	< 5	0.2	1.67	2	540	< 0.5	< 2	0.42	0.5	8	28	28	2.22	< 10	150	0.07	10	0.39	200
#9AS 0451	201 202	< 5	< 0.2	1.63	8	470	< 0.5	< 2	0.34	< 0.5	9	29	26	3.05	< 10	90	0.07	10	0.42	195
#9AS 0452	201 202	< 5	< 0.2	1.26	4	350	< 0.5	< 2	0.33	< 0.5	7	22	17	2.14	< 10	130	0.05	10	0.35	175
#9AS 0453	201 202	< 5	< 0.2	1.30	10	400	< 0.5	< 2	0.36	< 0.5	7	23	18	2.15	< 10	80	0.05	10	0.38	230
#9AS 0454	201 202	< 5	< 0.2	1.14	8	340	< 0.5	< 2	0.28	< 0.5	8	21	23	2.44	< 10	40	0.04	10	0.36	190
#9AS 0455	201 202	< 5	< 0.2	1.14	< 2	360	< 0.5	< 2	0.30	< 0.5	5	20	20	1.29	< 10	90	0.04	10	0.35	160
#9AS 0456	201 202	< 5	< 0.2	1.07	2	310	< 0.5	< 2	0.34	< 0.5	6	20	16	1.94	< 10	50	0.04	10	0.35	160
#9AS 0457	201 202	< 5	< 0.2	0.87	2	240	< 0.5	< 2	0.32	< 0.5	6	17	13	1.52	< 10	30	0.04	10	0.29	135
#9AS 0458	201 202	< 5	< 0.2	1.34	4	390	< 0.5	< 2	0.38	< 0.5	9	25	26	2.36	< 10	50	0.06	10	0.42	225
#9AS 0459	201 202	< 5	< 0.2	1.43	6	400	< 0.5	< 2	0.45	< 0.5	10	25	23	2.43	< 10	70	0.06	10	0.42	330
#9AS 0460	201 202	< 5	< 0.2	1.52	< 2	380	< 0.5	< 2	0.39	< 0.5	9	27	23	2.36	< 10	50	0.06	10	0.46	245
#9AS 0461	201 202	< 5	< 0.2	1.46	< 2	380	< 0.5	< 2	0.37	< 0.5	10	26	21	2.68	< 10	40	0.06	10	0.46	295
#9AS 0462	201 202	< 5	< 0.2	1.21	2	370	< 0.5	< 2	0.42	< 0.5	8	23	18	2.20	< 10	50	0.06	10	0.39	305
#9AS 0463	201 202	< 5	< 0.2	1.09	6	310	< 0.5	< 2	0.38	< 0.5	7	20	14	2.06	< 10	40	0.05	10	0.34	225
#9AS 0464	201 202	< 5	< 0.2	1.18	2	360	< 0.5	< 2	0.36	< 0.5	9	22	22	2.15	< 10	40	0.05	10	0.36	305
#9AS 0465	201 202	< 5	< 0.2	1.33	4	390	< 0.5	< 2	0.41	< 0.5	11	24	25	2.82	< 10	40	0.05	10	0.44	370
#9AS 0466	201 202	< 5	< 0.2	1.10	< 2	300	< 0.5	< 2	0.33	< 0.5	6	19	18	1.48	< 10	40	0.04	10	0.36	170
#9AS 0467	201 202	< 5	0.2	1.17	30	380	< 0.5	< 2	0.33	< 0.5	12	21	14	5.27	< 10	60	0.04	10	0.34	470
#9AS 0468	201 202	< 5	0.2	1.82	4	490	< 0.5	< 2	0.36	< 0.5	10	30	25	2.68	< 10	120	0.06	10	0.50	205
#9AS 0469	201 202	< 5	< 0.2	1.29	6	370	< 0.5	< 2	0.34	< 0.5	7	22	21	1.98	< 10	100	0.05	10	0.38	210
#9BS 0440	201 202	< 5	0.6	1.66	12	840	0.5	< 2	0.26	0.5	7	29	35	2.59	< 10	280	0.09	10	0.30	185
11AS 0250	201 202	15	1.6	1.11	2	1070	< 0.5	< 2	0.29	< 0.5	3	25	35	1.35	< 10	540	0.19	10	0.16	65
11AS 0251	201 202	< 5	1.6	0.53	12	940	< 0.5	< 2	0.07	< 0.5	1	29	39	1.03	< 10	530	0.14	< 10	0.07	25
11AS 0252	201 202	< 5	1.2	0.69	10	970	< 0.5	< 2	0.52	0.5	7	26	41	1.40	< 10	460	0.11	< 10	0.15	375
11AS 0254	201 202	< 5	0.6	0.97	6	540	< 0.5	< 2	0.34	0.5	9	21	42	1.57	< 10	190	0.14	< 10	0.22	355
11AS 0255	201 202	< 5	0.6	0.92	6	530	< 0.5	< 2	0.31	0.5	6	24	42	1.50	< 10	290	0.11	10	0.24	225
11AS 0256	201 202	25	0.6	1.04	14	810	0.5	< 2	0.58	2.5	11	27	68	2.73	< 10	230	0.18	10	0.22	545
11AS 0257	201 202	< 5	0.6	0.77	12	580	< 0.5	< 2	0.33	2.5	10	22	58	1.94	< 10	250	0.12	< 10	0.15	785
11AS 0258	201 202	< 5	0.6	1.03	10	480	0.5	< 2	0.62	3.5	5	25	72	1.67	< 10	320	0.11	< 10	0.23	430
11AS 0259	201 202	< 5	0.6	0.95	6	460	< 0.5	< 2	0.63	2.5	6	24	65	1.58	< 10	330	0.11	< 10	0.26	265

CERTIFICATION:

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CERTIFICATE OF ANALYSIS A9744859

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
#9AS 0439	201	202	2	< 0.01	22	940	10	< 2	3	38	0.03	< 10	< 10	58	< 10	74
#9AS 0441	201	202	3	< 0.01	28	1500	10	< 2	4	36	0.03	< 10	< 10	80	< 10	116
#9AS 0442	201	202	1	< 0.01	21	670	8	< 2	4	29	0.04	< 10	< 10	60	< 10	86
#9AS 0443	201	202	1	< 0.01	22	710	8	< 2	4	31	0.04	< 10	< 10	64	< 10	88
#9AS 0444	201	202	1	< 0.01	20	680	8	< 2	4	30	0.05	< 10	< 10	59	< 10	72
#9AS 0445	201	202	1	0.01	21	660	6	< 2	4	32	0.06	< 10	< 10	53	< 10	78
#9AS 0446	201	202	1	< 0.01	17	620	6	< 2	3	28	0.05	< 10	< 10	50	< 10	62
#9AS 0447	201	202	1	< 0.01	19	670	8	< 2	3	32	0.05	< 10	< 10	56	< 10	68
#9AS 0448	201	202	5	< 0.01	23	1490	10	< 2	4	36	0.04	< 10	< 10	85	< 10	84
#9AS 0449	201	202	< 1	< 0.01	14	440	4	< 2	3	21	0.05	< 10	< 10	41	< 10	50
#9AS 0450	201	202	1	< 0.01	24	670	8	< 2	4	38	0.05	< 10	< 10	54	< 10	82
#9AS 0451	201	202	1	< 0.01	23	970	8	< 2	5	32	0.05	< 10	< 10	63	< 10	84
#9AS 0452	201	202	1	< 0.01	17	730	6	< 2	3	29	0.05	< 10	< 10	46	< 10	66
#9AS 0453	201	202	1	< 0.01	19	750	8	< 2	3	30	0.04	< 10	< 10	47	< 10	70
#9AS 0454	201	202	1	< 0.01	19	880	8	< 2	3	25	0.04	< 10	< 10	45	< 10	64
#9AS 0455	201	202	< 1	< 0.01	15	540	6	< 2	3	25	0.03	< 10	< 10	34	< 10	62
#9AS 0456	201	202	1	< 0.01	17	730	6	< 2	3	28	0.04	< 10	< 10	38	< 10	58
#9AS 0457	201	202	< 1	< 0.01	14	810	4	< 2	3	23	0.04	< 10	< 10	32	< 10	46
#9AS 0458	201	202	1	< 0.01	21	840	8	< 2	4	31	0.05	< 10	< 10	52	< 10	72
#9AS 0459	201	202	1	< 0.01	23	770	6	< 2	4	36	0.05	< 10	< 10	51	< 10	68
#9AS 0460	201	202	1	< 0.01	22	720	8	< 2	4	31	0.06	< 10	< 10	47	< 10	82
#9AS 0461	201	202	1	< 0.01	22	760	8	< 2	4	30	0.06	< 10	< 10	47	< 10	82
#9AS 0462	201	202	1	< 0.01	19	850	6	< 2	3	34	0.05	< 10	< 10	48	< 10	66
#9AS 0463	201	202	1	< 0.01	17	840	6	< 2	3	30	0.05	< 10	< 10	42	< 10	62
#9AS 0464	201	202	1	< 0.01	19	790	6	< 2	4	31	0.05	< 10	< 10	44	< 10	64
#9AS 0465	201	202	1	< 0.01	23	840	8	< 2	4	34	0.05	< 10	< 10	47	< 10	84
#9AS 0466	201	202	< 1	< 0.01	16	640	6	< 2	3	26	0.04	< 10	< 10	31	< 10	64
#9AS 0467	201	202	6	< 0.01	18	1200	6	< 2	3	32	0.03	< 10	< 10	68	< 10	70
#9AS 0468	201	202	1	< 0.01	24	740	10	< 2	5	35	0.04	< 10	< 10	58	< 10	98
#9AS 0469	201	202	1	< 0.01	18	730	8	< 2	4	31	0.04	< 10	< 10	45	< 10	70
#9BS 0440	201	202	5	< 0.01	30	1240	12	2	4	41	0.03	< 10	< 10	95	< 10	132
11AS 0250	201	202	3	< 0.01	14	2110	12	2	2	82	< 0.01	< 10	< 10	57	< 10	40
11AS 0251	201	202	6	< 0.01	16	900	14	2	1	57	< 0.01	< 10	< 10	100	< 10	24
11AS 0252	201	202	4	< 0.01	19	1440	10	< 2	2	61	< 0.01	< 10	< 10	117	< 10	40
11AS 0254	201	202	3	< 0.01	20	1560	8	< 2	3	48	0.01	< 10	< 10	68	< 10	70
11AS 0255	201	202	3	< 0.01	22	1060	8	< 2	3	47	0.01	< 10	< 10	74	< 10	70
11AS 0256	201	202	8	< 0.01	38	2610	14	2	4	89	0.01	< 10	< 10	140	< 10	178
11AS 0257	201	202	9	< 0.01	35	1240	10	2	3	63	< 0.01	< 10	< 10	110	< 10	122
11AS 0258	201	202	4	0.01	47	1460	8	< 2	4	72	0.01	< 10	< 10	90	< 10	282
11AS 0259	201	202	3	0.01	39	1190	8	< 2	3	70	0.01	< 10	< 10	77	< 10	190

CERTIFICATION:

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V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 07-OCT-97
Invoice No. :19744859
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Account :PHY

CERTIFICATE OF ANALYSIS A9744859

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
11AS 0260	201	202	< 5	0.6	0.83	8	280	< 0.5	< 2	0.76	3.5	7	20	51	1.70	< 10	220	0.08	10	0.39	325
11AS 0261	201	202	< 5	0.2	0.86	4	320	< 0.5	< 2	0.62	2.0	9	20	49	2.00	< 10	160	0.09	10	0.36	330
11AS 0262	201	202	< 5	1.0	0.82	12	490	0.5	< 2	0.91	3.5	10	22	83	2.40	< 10	370	0.13	10	0.37	480
11AS 0263	201	202	< 5	2.2	0.63	30	380	0.5	< 2	1.83	7.0	11	27	139	2.52	< 10	670	0.16	10	0.82	340
11AS 0264	201	202	15	1.2	0.97	14	480	0.5	< 2	1.06	5.0	9	24	87	2.03	< 10	470	0.14	10	0.44	315
11AS 0265	201	202	10	1.8	0.72	22	410	0.5	< 2	1.36	6.0	12	26	134	2.63	< 10	580	0.16	10	0.57	395
11AS 0267	201	202	15	0.6	0.95	20	670	0.5	< 2	0.81	3.0	13	27	87	2.82	< 10	290	0.19	10	0.25	665
11AS 0268	201	202	< 5	0.8	0.85	16	540	0.5	< 2	0.99	3.5	11	25	94	2.57	< 10	380	0.18	10	0.37	570
11AS 0269	201	202	< 5	0.8	0.85	14	650	0.5	< 2	0.78	3.0	11	25	84	2.54	< 10	320	0.16	10	0.28	445
11AS 0270	201	202	< 5	0.2	1.37	2	460	< 0.5	< 2	0.94	0.5	10	26	42	2.41	< 10	190	0.11	10	0.60	590
11ASS 0363	201	202	< 5	1.0	1.75	2	1180	0.5	< 2	0.29	1.5	20	27	23	3.38	< 10	40	0.24	< 10	0.52	1155
11ASS 0364	201	202	< 5	0.2	1.76	4	1070	0.5	< 2	0.22	2.0	20	28	36	3.55	< 10	40	0.28	10	0.58	1630
11ASS 0365	201	202	< 5	< 0.2	1.83	10	540	0.5	< 2	0.12	< 0.5	8	27	31	3.33	< 10	30	0.18	10	0.62	200
11ASS 0366	201	202	< 5	0.6	0.99	< 2	680	< 0.5	< 2	2.43	1.5	5	15	40	1.10	< 10	330	0.07	< 10	0.54	625
11ASS 0367	201	202	< 5	0.6	1.27	2	630	0.5	< 2	1.13	2.0	5	20	52	1.64	< 10	370	0.16	10	0.64	265
11ASS 0368	201	202	< 5	0.4	1.83	< 2	810	0.5	< 2	1.32	0.5	10	23	46	2.03	< 10	240	0.19	10	0.98	490
11ASS 0369	201	202	< 5	1.2	0.60	12	310	< 0.5	< 2	0.78	7.5	6	21	70	2.31	< 10	390	0.10	< 10	0.24	155
11ASS 0370	201	202	< 5	1.4	0.80	8	430	0.5	< 2	1.52	6.5	4	23	64	1.62	< 10	520	0.12	10	0.37	175
11ASS 0371	201	202	< 5	1.8	0.79	8	470	0.5	< 2	1.40	6.0	7	26	65	1.96	< 10	550	0.13	10	0.34	795
11ASS 0372	201	202	< 5	1.6	0.86	14	460	0.5	< 2	2.67	4.5	7	25	79	2.46	< 10	520	0.14	10	0.29	900
11ASS 0373	201	202	< 5	1.0	0.76	10	350	0.5	< 2	3.70	4.0	7	21	58	2.12	< 10	200	0.13	10	0.35	550
11ASS 0374	201	202	< 5	1.4	2.72	10	280	0.5	< 2	0.10	< 0.5	9	36	54	4.23	< 10	110	0.10	10	0.49	280
11ASS 0376	201	202	< 5	0.2	1.46	6	600	< 0.5	< 2	0.72	< 0.5	5	26	61	2.06	< 10	120	0.09	10	0.36	255
11ASS 0377	201	202	10	0.6	1.30	4	750	0.5	< 2	1.13	2.0	7	23	95	2.16	< 10	330	0.13	20	0.36	570
11ASS 0378	201	202	20	0.6	1.21	8	550	0.5	< 2	0.61	1.0	8	22	85	2.40	< 10	250	0.16	10	0.33	650
11ASS 0379	201	202	15	0.2	1.39	6	740	0.5	< 2	0.61	0.5	7	26	77	2.42	< 10	280	0.13	20	0.35	365
11ASS 0380	201	202	10	0.6	1.40	6	710	0.5	< 2	0.77	1.0	9	26	89	2.35	< 10	340	0.14	20	0.37	730
11ASS 0381	201	202	10	0.8	2.04	< 2	390	0.5	< 2	0.25	0.5	7	37	73	1.74	< 10	290	0.12	10	0.40	220
11ASS 0382	201	202	< 5	0.6	1.09	< 2	240	< 0.5	< 2	1.87	1.5	5	18	64	1.39	< 10	300	0.07	10	0.39	425
11ASS 0383	201	202	< 5	0.6	1.49	< 2	300	< 0.5	< 2	0.82	0.5	8	26	59	2.01	< 10	330	0.09	10	0.48	390
11ASS 0384	201	202	< 5	0.2	1.18	2	220	< 0.5	< 2	0.35	< 0.5	7	21	43	1.97	< 10	120	0.06	10	0.39	225
11ASS 0386	201	202	< 5	0.2	1.44	< 2	250	< 0.5	< 2	0.83	0.5	12	36	41	2.51	< 10	180	0.10	10	0.79	550
11AS 0387	201	202	< 5	< 0.2	1.48	< 2	250	< 0.5	< 2	0.53	< 0.5	12	36	32	2.72	< 10	80	0.06	10	0.74	230
11AS 0388	201	202	< 5	0.2	1.82	< 2	380	0.5	< 2	1.03	0.5	18	41	53	3.57	< 10	200	0.15	20	0.98	580
11AS 0389	201	202	< 5	< 0.2	0.91	10	290	0.5	< 2	0.49	< 0.5	15	6	11	8.78	< 10	110	0.48	70	0.19	425
11AS 0390	201	202	< 5	< 0.2	2.06	< 2	370	0.5	< 2	1.18	< 0.5	21	72	43	3.86	< 10	100	0.11	10	1.58	625
11AS 0391	201	202	< 5	< 0.2	2.05	< 2	390	0.5	< 2	1.09	< 0.5	22	59	47	4.27	< 10	100	0.16	20	1.40	640
11BS 0322	201	202	< 5	0.4	0.75	8	410	< 0.5	< 2	0.20	< 0.5	7	22	41	1.86	< 10	170	0.08	< 10	0.24	305
11BS 0323	201	202	< 5	1.6	1.05	14	640	0.5	< 2	0.35	0.5	3	28	66	2.37	< 10	540	0.15	< 10	0.15	90
11BS 0324	201	202	< 5	2.2	0.48	8	810	< 0.5	< 2	0.27	0.5	1	32	34	0.95	< 10	1060	0.11	< 10	0.10	135

CERTIFICATION:_____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 07-OCT-97
Invoice No. : I9744859
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744859

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
11AS 0260	201	202	4	0.01	42	980	8	< 2	3	55	0.02	< 10	< 10	78	< 10	256
11AS 0261	201	202	4	0.01	42	1030	6	< 2	3	53	0.03	< 10	< 10	65	< 10	240
11AS 0262	201	202	10	0.01	69	1530	10	2	4	99	0.01	< 10	< 10	123	< 10	410
11AS 0263	201	202	31	0.04	126	2260	10	12	5	164	< 0.01	< 10	10	319	< 10	776
11AS 0264	201	202	10	0.02	69	1360	10	2	4	92	0.01	< 10	10	169	< 10	400
11AS 0265	201	202	22	0.04	114	1990	12	8	5	140	< 0.01	< 10	10	242	< 10	678
11AS 0267	201	202	12	0.01	72	2160	14	4	4	136	0.01	< 10	< 10	148	< 10	378
11AS 0268	201	202	11	0.01	71	1900	16	4	4	134	< 0.01	< 10	< 10	146	< 10	412
11AS 0269	201	202	9	0.01	64	1860	12	2	4	117	0.01	< 10	< 10	131	< 10	390
11AS 0270	201	202	3	0.01	37	910	6	< 2	4	69	0.05	< 10	< 10	60	< 10	178
11ASS 0363	201	202	4	< 0.01	20	1760	16	< 2	2	50	0.03	< 10	< 10	75	< 10	164
11ASS 0364	201	202	3	< 0.01	23	1190	16	< 2	3	40	0.02	< 10	< 10	59	< 10	116
11ASS 0365	201	202	4	< 0.01	20	850	12	< 2	3	23	0.01	< 10	< 10	65	< 10	100
11ASS 0366	201	202	2	< 0.01	17	1240	18	< 2	1	168	< 0.01	< 10	< 10	23	< 10	66
11ASS 0367	201	202	5	< 0.01	29	1140	6	< 2	3	102	< 0.01	< 10	< 10	68	< 10	174
11ASS 0368	201	202	3	< 0.01	25	880	6	< 2	4	83	< 0.01	< 10	< 10	42	< 10	116
11ASS 0369	201	202	8	0.01	51	940	10	4	3	127	< 0.01	< 10	< 10	84	< 10	292
11ASS 0370	201	202	6	0.01	45	1030	12	2	3	160	< 0.01	< 10	< 10	113	< 10	302
11ASS 0371	201	202	8	0.01	55	1200	12	2	3	161	< 0.01	< 10	< 10	137	< 10	334
11ASS 0372	201	202	7	0.01	54	1260	12	4	3	199	< 0.01	< 10	< 10	148	< 10	314
11ASS 0373	201	202	8	0.02	59	1370	8	2	3	165	0.01	< 10	< 10	101	< 10	426
11ASS 0374	201	202	3	< 0.01	37	550	12	< 2	4	12	0.05	< 10	< 10	64	< 10	108
11ASS 0376	201	202	3	< 0.01	21	1520	8	< 2	< 1	37	< 0.01	< 10	< 10	54	< 10	96
11ASS 0377	201	202	4	0.01	34	2010	10	< 2	1	70	0.01	< 10	< 10	45	< 10	182
11ASS 0378	201	202	5	< 0.01	37	1950	12	< 2	1	59	0.01	< 10	< 10	47	< 10	196
11ASS 0379	201	202	4	< 0.01	34	1620	10	< 2	2	59	0.01	< 10	< 10	57	< 10	156
11ASS 0380	201	202	5	< 0.01	42	1800	12	< 2	2	69	0.01	< 10	< 10	53	< 10	172
11ASS 0381	201	202	3	< 0.01	35	1270	12	< 2	2	34	0.02	< 10	< 10	57	< 10	118
11ASS 0382	201	202	2	< 0.01	44	1210	6	< 2	1	102	0.01	< 10	< 10	27	< 10	102
11ASS 0383	201	202	1	0.01	45	1180	8	< 2	4	60	0.01	< 10	< 10	35	< 10	176
11ASS 0384	201	202	1	< 0.01	24	840	8	< 2	4	27	0.01	< 10	< 10	30	< 10	84
11ASS 0386	201	202	2	< 0.01	41	1020	6	< 2	5	56	0.06	< 10	< 10	48	< 10	136
11AS 0387	201	202	1	< 0.01	29	780	6	< 2	5	31	0.11	< 10	< 10	56	< 10	76
11AS 0388	201	202	2	< 0.01	51	1240	8	< 2	6	71	0.14	< 10	< 10	67	< 10	166
11AS 0389	201	202	3	0.05	13	4760	6	< 2	3	226	0.02	< 10	< 10	22	< 10	114
11AS 0390	201	202	1	< 0.01	65	1050	4	< 2	5	63	0.37	< 10	< 10	100	< 10	124
11AS 0391	201	202	1	< 0.01	61	1260	6	2	6	79	0.27	< 10	< 10	86	< 10	136
11BS 0322	201	202	5	< 0.01	22	430	8	< 2	3	40	0.01	< 10	< 10	63	< 10	68
11BS 0323	201	202	7	< 0.01	29	2030	14	2	1	62	< 0.01	< 10	< 10	93	< 10	60
11BS 0324	201	202	6	< 0.01	24	720	18	2	1	57	< 0.01	< 10	< 10	171	< 10	34

CERTIFICATION:

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To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
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V6B 1N2

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CERTIFICATE OF ANALYSIS A9744859

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
11BS 0325	201	202	< 5	0.6	1.18	10	570	0.5	< 2	0.24	0.5	9	25	43	2.51	< 10	210	0.11	< 10	0.29	1310
11BSS 0326	201	202	< 5	0.8	1.12	8	570	< 0.5	< 2	0.36	0.5	7	26	40	2.12	< 10	300	0.08	10	0.32	315
11BS 0328	201	202	< 5	0.2	0.81	6	330	< 0.5	< 2	0.31	2.0	12	17	36	1.97	< 10	210	0.07	10	0.27	550
11BSS 0330	201	202	20	0.6	0.91	14	380	0.5	< 2	0.40	< 0.5	21	18	100	5.01	< 10	330	0.15	30	0.40	1025
11BSS 0331	201	202	15	0.4	1.43	6	510	0.5	< 2	0.62	< 0.5	14	21	74	3.87	< 10	280	0.18	30	0.67	625
11BSS 0333	201	202	< 5	0.4	1.40	8	320	0.5	< 2	0.41	0.5	10	22	48	2.87	< 10	240	0.19	30	0.47	410
11BS 0334	201	202	< 5	0.2	1.27	< 2	460	< 0.5	< 2	5.39	6.0	6	16	22	1.74	< 10	150	0.13	10	0.51	220
11BSS 0335	201	202	10	0.6	1.66	12	630	1.0	< 2	0.69	0.5	15	28	75	4.04	< 10	420	0.27	30	0.64	770
11BSS 0336	201	202	15	0.4	1.54	2	450	0.5	< 2	0.84	1.0	13	23	70	3.82	< 10	340	0.22	30	0.65	590
11BSS 0337	201	202	15	0.4	1.61	2	470	0.5	< 2	0.70	1.0	14	27	64	3.74	< 10	330	0.22	30	0.62	665
11BS 0338	201	202	< 5	0.4	1.39	8	420	0.5	< 2	0.77	1.5	13	24	62	3.75	< 10	310	0.19	30	0.56	505
11BS 0339	201	202	< 5	0.4	1.35	4	470	0.5	< 2	0.75	1.5	14	23	72	3.84	< 10	340	0.19	30	0.54	635
11BS 0340	201	202	< 5	0.2	1.59	< 2	330	0.5	< 2	1.18	0.5	12	27	50	3.09	< 10	270	0.14	20	0.78	400
11BS 0341	201	202	< 5	< 0.2	1.87	< 2	300	0.5	< 2	1.26	1.0	17	37	43	3.46	< 10	130	0.10	10	1.03	695
11BS 0342	201	202	< 5	0.2	1.90	< 2	270	0.5	< 2	1.10	1.5	14	33	45	3.21	< 10	280	0.11	10	0.86	215
11BS 0345	201	202	< 5	< 0.2	1.58	< 2	250	< 0.5	< 2	1.34	0.5	15	30	40	2.98	< 10	180	0.07	10	0.82	640
11BS 0346	201	202	< 5	0.2	1.51	< 2	300	0.5	< 2	1.01	0.5	13	27	39	3.08	< 10	160	0.10	10	0.81	380
11BS 0347	201	202	< 5	0.2	1.29	< 2	250	0.5	< 2	1.89	1.0	12	22	43	2.76	< 10	180	0.08	10	0.69	505
11BS 0348	201	202	< 5	0.4	0.96	6	250	0.5	< 2	0.84	4.0	9	21	42	2.38	< 10	660	0.14	10	0.45	285
11DSS 0271	201	202	< 5	0.2	1.51	2	260	< 0.5	< 2	0.21	< 0.5	6	27	35	2.11	< 10	250	0.08	10	0.43	280
11DSS 0273	201	202	< 5	0.6	1.80	12	640	0.5	< 2	0.43	< 0.5	10	31	47	2.61	< 10	220	0.15	10	0.48	775
11DSS 0274	201	202	< 5	0.4	1.66	< 2	600	0.5	< 2	1.01	0.5	6	23	44	2.08	< 10	220	0.12	10	0.53	330
11DSS 0276	201	202	< 5	0.6	1.55	< 2	600	0.5	< 2	0.38	0.5	14	28	54	3.60	< 10	150	0.13	10	0.39	1850
11DSS 0277	201	202	< 5	0.6	1.50	6	530	0.5	< 2	0.61	1.0	11	26	52	2.81	< 10	230	0.13	10	0.45	1400
11DSS 0278	201	202	15	0.6	1.41	6	600	0.5	< 2	0.96	0.5	8	32	61	2.80	< 10	180	0.18	10	0.37	655
11DSS 0279	201	202	< 5	0.6	1.49	8	700	0.5	< 2	0.65	0.5	10	29	65	2.86	< 10	210	0.19	10	0.45	940
11DSS 0280	201	202	< 5	0.2	2.06	6	570	0.5	< 2	0.66	0.5	14	30	35	3.20	< 10	170	0.23	20	0.74	855
11DSS 0281	201	202	< 5	0.2	2.06	4	550	0.5	< 2	0.60	1.5	16	28	38	3.53	< 10	150	0.27	20	0.76	1015
11DSS 0282	201	202	< 5	< 0.2	1.77	< 2	480	0.5	< 2	0.61	1.5	15	29	38	3.35	< 10	140	0.17	20	0.78	805
11DSS 0283	201	202	< 5	0.2	1.39	6	380	0.5	< 2	0.64	1.5	15	23	41	3.22	< 10	160	0.14	20	0.65	810
11DSS 0284	201	202	< 5	0.2	1.36	< 2	400	0.5	< 2	0.72	2.0	12	24	36	2.53	< 10	190	0.12	10	0.61	575
11DSS 0286	201	202	< 5	0.2	1.37	2	420	0.5	< 2	0.79	2.0	14	24	44	3.11	< 10	170	0.15	20	0.61	790
11DSS 0287	201	202	< 5	0.2	1.41	< 2	430	0.5	< 2	0.73	1.5	12	26	39	2.82	< 10	190	0.16	10	0.64	560
11DSS 0288	201	202	< 5	0.2	1.47	< 2	450	0.5	< 2	0.83	1.0	14	27	45	3.15	< 10	220	0.22	20	0.61	775
11DSS 0292	201	202	< 5	0.6	2.35	< 2	970	1.5	< 2	0.52	< 0.5	14	31	89	3.05	< 10	1900	0.15	30	0.36	1065
11DSS 0293	201	202	< 5	0.6	2.41	6	730	1.0	< 2	0.81	1.5	11	32	78	2.89	< 10	930	0.46	10	0.89	660
11DSS 0294	201	202	15	1.2	2.54	6	560	1.0	< 2	0.95	3.0	20	29	108	3.22	< 10	860	0.38	20	0.85	1320
11DSS 0295	201	202	15	0.8	2.64	10	610	1.0	< 2	0.80	3.5	21	29	148	5.36	< 10	590	0.46	20	1.09	2090
11DSS 0296	201	202	25	1.2	2.95	10	810	1.0	< 2	0.42	1.5	43	34	175	6.56	< 10	490	0.41	20	1.50	6050
11DSS 0297	201	202	10	1.0	2.81	4	740	1.0	< 2	0.92	2.5	23	31	140	4.99	< 10	610	0.49	20	1.17	2210

CERTIFICATION:

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CERTIFICATE OF ANALYSIS A9744859

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11BS 0325	201	202	5	< 0.01	25	1000	10	2	2	60	0.01	< 10	< 10	92	< 10	88
11BSS 0326	201	202	3	< 0.01	23	870	8	< 2	3	47	0.01	< 10	< 10	86	< 10	116
11BS 0328	201	202	10	< 0.01	32	750	8	6	3	38	0.01	< 10	< 10	131	< 10	178
11BSS 0330	201	202	3	< 0.01	39	1410	18	2	8	56	< 0.01	< 10	< 10	32	< 10	164
11BSS 0331	201	202	3	< 0.01	29	1100	16	2	7	64	< 0.01	< 10	< 10	35	< 10	126
11BSS 0333	201	202	8	< 0.01	37	1210	12	< 2	4	46	< 0.01	< 10	< 10	50	< 10	210
11BS 0334	201	202	4	< 0.01	30	680	6	< 2	3	101	0.01	< 10	< 10	34	< 10	186
11BSS 0335	201	202	7	< 0.01	41	1400	16	2	7	81	< 0.01	< 10	< 10	54	< 10	206
11BSS 0336	201	202	5	< 0.01	33	1220	18	2	6	76	< 0.01	< 10	< 10	45	< 10	184
11BSS 0337	201	202	7	< 0.01	39	1320	16	2	5	75	0.01	< 10	< 10	61	< 10	202
11BS 0338	201	202	8	< 0.01	41	1250	18	2	5	72	< 0.01	< 10	< 10	58	< 10	222
11BS 0339	201	202	8	< 0.01	42	1270	18	2	5	75	< 0.01	< 10	< 10	56	< 10	214
11BS 0340	201	202	3	< 0.01	35	1170	12	< 2	6	76	0.07	< 10	< 10	60	< 10	146
11BS 0341	201	202	1	< 0.01	40	1020	6	< 2	7	68	0.18	< 10	< 10	83	< 10	132
11BS 0342	201	202	1	< 0.01	39	1040	10	< 2	7	66	0.10	< 10	< 10	69	< 10	142
11BS 0345	201	202	1	< 0.01	33	910	6	< 2	6	68	0.10	< 10	< 10	65	< 10	120
11BS 0346	201	202	4	< 0.01	31	980	10	< 2	5	64	0.10	< 10	< 10	65	< 10	136
11BS 0347	201	202	3	< 0.01	27	970	8	< 2	5	84	0.09	< 10	< 10	56	< 10	148
11BS 0348	201	202	6	< 0.01	59	1220	14	< 2	4	61	0.03	< 10	< 10	60	< 10	688
11DSS 0271	201	202	1	< 0.01	18	650	10	< 2	4	29	0.06	< 10	< 10	54	< 10	64
11DSS 0273	201	202	4	< 0.01	28	1080	12	< 2	3	53	0.02	< 10	< 10	75	< 10	116
11DSS 0274	201	202	2	< 0.01	29	1430	8	2	2	70	0.01	< 10	< 10	42	< 10	118
11DSS 0276	201	202	5	< 0.01	33	1450	12	< 2	3	54	0.01	< 10	< 10	63	< 10	154
11DSS 0277	201	202	3	< 0.01	42	1160	10	< 2	4	63	0.02	< 10	< 10	53	< 10	198
11DSS 0278	201	202	5	< 0.01	32	1070	16	< 2	3	92	0.01	< 10	< 10	74	< 10	130
11DSS 0279	201	202	5	< 0.01	35	1150	14	2	3	78	0.01	< 10	< 10	71	< 10	138
11DSS 0280	201	202	3	< 0.01	30	1140	10	< 2	4	64	0.01	< 10	< 10	64	< 10	154
11DSS 0281	201	202	3	< 0.01	34	1270	12	< 2	4	64	0.01	< 10	< 10	68	< 10	176
11DSS 0282	201	202	3	< 0.01	37	1250	10	< 2	4	59	0.01	< 10	< 10	62	< 10	202
11DSS 0283	201	202	4	< 0.01	39	1280	12	2	3	54	< 0.01	< 10	< 10	52	< 10	222
11DSS 0284	201	202	1	< 0.01	35	1190	10	< 2	4	56	0.01	< 10	< 10	46	< 10	208
11DSS 0286	201	202	4	< 0.01	45	1450	10	2	4	62	0.01	< 10	< 10	53	< 10	276
11DSS 0287	201	202	3	< 0.01	42	1360	10	< 2	4	59	0.01	< 10	< 10	54	< 10	244
11DSS 0288	201	202	4	< 0.01	44	1500	10	< 2	4	68	0.01	< 10	< 10	59	< 10	224
11DSS 0292	201	202	4	< 0.01	95	1440	20	2	3	83	0.01	< 10	< 10	62	< 10	86
11DSS 0293	201	202	4	< 0.01	73	1320	16	< 2	4	111	0.01	< 10	< 10	77	< 10	162
11DSS 0294	201	202	5	0.01	70	1830	18	2	4	181	0.01	< 10	< 10	82	< 10	246
11DSS 0295	201	202	12	0.01	91	1950	18	< 2	6	220	0.01	< 10	< 10	98	< 10	354
11DSS 0296	201	202	10	0.01	93	1530	24	< 2	7	149	0.01	< 10	< 10	92	< 10	352
11DSS 0297	201	202	10	0.01	80	1980	20	< 2	5	217	0.01	< 10	< 10	100	< 10	328

CERTIFICATION:_____

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Page Number :4-A
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SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
11DSS 0298	201	202	< 5	0.8	2.57	8	690	1.5	< 2	0.81	2.0	25	31	131	5.38	< 10	560	0.48	20	1.19	2630
11DSS 0299	201	202	< 5	0.2	2.03	6	560	0.5	< 2	0.58	1.0	18	27	81	3.75	< 10	340	0.27	10	0.80	1500
11DSS 0301	201	202	< 5	1.2	0.86	18	390	0.5	< 2	1.14	9.5	13	22	97	3.15	< 10	420	0.18	10	0.46	420
11DSS 0302	201	202	< 5	1.0	1.12	12	580	0.5	< 2	0.11	2.0	6	26	55	2.16	< 10	170	0.09	10	0.21	300
11DSS 0303	201	202	< 5	1.0	1.87	< 2	760	1.0	< 2	0.91	1.5	8	37	47	2.45	< 10	220	0.20	20	0.77	285
11DSS 0304	201	202	< 5	1.4	1.38	8	430	< 0.5	< 2	0.56	3.5	5	29	41	2.01	< 10	220	0.11	10	0.37	255
11DSS 0305	201	202	< 5	4.6	1.46	12	330	0.5	< 2	0.26	4.0	3	144	55	2.43	< 10	70	0.06	10	0.15	90
11DSS 0306	201	202	< 5	1.8	1.43	38	510	1.0	< 2	1.31	26.5	10	51	137	2.79	< 10	410	0.28	10	0.36	1865
11DSS 0307	201	202	< 5	1.2	1.22	32	460	1.0	< 2	1.15	37.5	13	39	109	3.06	< 10	300	0.26	10	0.40	3810
11DSS 0308	201	202	< 5	1.4	0.70	32	380	0.5	< 2	2.04	15.5	14	19	132	3.36	< 10	510	0.21	< 10	1.06	515
11DSS 0309	201	202	< 5	1.0	0.81	18	400	0.5	< 2	0.92	10.5	14	21	101	3.26	< 10	410	0.19	10	0.39	490
11DSS 0310	201	202	< 5	0.8	1.20	6	450	0.5	< 2	0.13	1.5	5	21	48	1.90	< 10	240	0.05	< 10	0.21	195
11DSS 0311	201	202	< 5	1.4	1.17	18	550	0.5	< 2	0.99	7.5	15	32	97	3.57	< 10	370	0.22	10	0.48	685
11DSS 0312	201	202	< 5	1.2	1.01	16	510	0.5	< 2	1.38	8.5	11	28	88	9.08	< 10	470	0.16	10	0.37	450
11DSS 0315	201	202	< 5	0.2	1.04	26	230	0.5	< 2	0.43	11.5	16	19	43	10.55	< 10	120	0.09	10	0.26	245
11DSS 0316	201	202	< 5	3.6	0.88	18	540	1.0	< 2	0.77	11.5	17	35	153	3.17	< 10	690	0.19	10	0.18	1580
11DSS 0317	201	202	< 5	1.2	0.72	16	460	0.5	< 2	0.36	3.0	14	21	97	3.13	< 10	270	0.14	10	0.15	1065
11DSS 0319	201	202	< 5	1.2	0.70	18	520	0.5	< 2	0.44	4.0	16	18	102	3.54	< 10	280	0.14	< 10	0.15	1200
11DSS 0320	201	202	< 5	1.2	0.60	18	560	0.5	< 2	0.45	2.5	14	18	93	2.78	< 10	290	0.14	< 10	0.14	1095
11DSS 0327	201	202	< 5	0.2	0.93	4	290	< 0.5	< 2	0.33	0.5	6	22	34	1.99	< 10	110	0.05	10	0.36	170
11DSS 0352	201	202	< 5	< 0.2	1.45	< 2	270	0.5	< 2	1.74	< 0.5	8	23	36	2.18	< 10	80	0.08	20	0.91	245
11DSS 0353	201	202	< 5	< 0.2	1.61	< 2	240	0.5	< 2	1.27	< 0.5	9	22	24	2.54	< 10	70	0.09	20	0.98	280
11DSS 0354	201	202	< 5	< 0.2	1.73	< 2	270	0.5	< 2	1.11	< 0.5	13	22	22	3.03	< 10	60	0.08	20	1.07	380
11DSS 0355	201	202	< 5	< 0.2	1.47	< 2	230	0.5	< 2	1.62	< 0.5	8	20	18	2.13	< 10	50	0.05	10	0.81	310
11DSS 0356	201	202	< 5	< 0.2	2.03	2	260	0.5	< 2	1.07	< 0.5	11	30	25	2.54	< 10	60	0.05	10	0.74	445
11DSS 0357	201	202	< 5	< 0.2	1.52	< 2	160	0.5	< 2	1.77	< 0.5	7	20	13	2.24	< 10	40	0.11	20	0.87	320
11DSS 0358	201	202	< 5	< 0.2	1.55	< 2	190	0.5	< 2	2.18	< 0.5	8	20	17	2.18	< 10	40	0.06	10	0.79	300
11DSS 0359	201	202	< 5	< 0.2	1.87	< 2	310	0.5	< 2	1.17	< 0.5	11	25	17	3.07	< 10	50	0.08	10	1.26	345
11DSS 0360	201	202	< 5	< 0.2	1.67	< 2	320	0.5	< 2	1.81	< 0.5	9	22	17	2.53	< 10	40	0.08	10	1.11	230
11DSS 0361	201	202	< 5	< 0.2	2.00	< 2	250	0.5	< 2	1.72	< 0.5	16	22	18	3.85	< 10	10	0.07	20	1.42	465

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Page Number :4-B
Total Pages :4
Certificate Date: 07-OCT-97
Invoice No. :I9744859
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744859

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
11DSS 0298	201	202	11	0.01	77	2120	16	< 2	6	219	0.01	< 10	< 10	97	< 10	318
11DSS 0299	201	202	7	0.01	46	1530	16	< 2	5	136	0.01	< 10	< 10	67	< 10	204
11DSS 0301	201	202	18	0.11	141	1280	12	6	5	141	< 0.01	< 10	< 10	157	< 10	2240
11DSS 0302	201	202	10	< 0.01	30	1530	12	2	< 1	47	< 0.01	< 10	< 10	130	< 10	188
11DSS 0303	201	202	4	< 0.01	26	1000	10	< 2	5	85	0.04	< 10	< 10	64	< 10	186
11DSS 0304	201	202	4	0.01	38	680	8	< 2	3	61	0.02	< 10	< 10	122	< 10	356
11DSS 0305	201	202	14	< 0.01	23	2500	18	2	< 1	60	< 0.01	< 10	< 10	536	< 10	158
11DSS 0306	201	202	32	0.14	187	4450	14	10	4	191	< 0.01	< 10	10	447	< 10	2760
11DSS 0307	201	202	42	0.16	204	2670	12	8	4	152	0.01	< 10	< 10	427	< 10	3300
11DSS 0308	201	202	31	0.11	155	1370	12	12	5	250	< 0.01	< 10	< 10	266	< 10	2440
11DSS 0309	201	202	18	0.11	139	1240	14	6	5	126	< 0.01	< 10	< 10	167	< 10	2240
11DSS 0310	201	202	9	0.01	27	1170	10	2	< 1	28	< 0.01	< 10	< 10	105	< 10	162
11DSS 0311	201	202	15	0.07	107	1510	14	2	6	143	0.02	< 10	< 10	152	< 10	1375
11DSS 0312	201	202	21	0.04	129	1790	8	4	5	160	0.02	< 10	10	195	< 10	1270
11DSS 0315	201	202	141	0.13	277	1370	6	2	3	50	0.04	< 10	30	101	< 10	3350
11DSS 0316	201	202	18	0.04	126	1790	14	6	5	129	< 0.01	< 10	10	236	< 10	840
11DSS 0317	201	202	12	0.01	86	1460	12	4	4	82	< 0.01	< 10	< 10	121	< 10	414
11DSS 0319	201	202	15	0.01	101	1610	12	2	4	89	< 0.01	< 10	< 10	109	< 10	510
11DSS 0320	201	202	11	0.01	84	1700	12	2	4	92	< 0.01	< 10	< 10	94	< 10	382
11DSS 0327	201	202	3	< 0.01	25	850	6	< 2	3	41	0.04	< 10	< 10	58	< 10	100
11DSS 0352	201	202	1	< 0.01	20	880	8	< 2	8	96	0.01	< 10	< 10	22	< 10	66
11DSS 0353	201	202	1	< 0.01	19	870	8	< 2	5	79	0.03	< 10	< 10	26	< 10	72
11DSS 0354	201	202	1	< 0.01	21	750	8	< 2	5	73	0.07	< 10	< 10	42	< 10	88
11DSS 0355	201	202	1	< 0.01	17	760	8	< 2	4	71	0.01	< 10	< 10	21	< 10	60
11DSS 0356	201	202	3	< 0.01	23	770	6	< 2	4	50	0.04	< 10	< 10	46	< 10	100
11DSS 0357	201	202	1	< 0.01	17	800	8	< 2	5	60	< 0.01	< 10	< 10	15	< 10	52
11DSS 0358	201	202	1	< 0.01	17	840	8	< 2	4	75	0.01	< 10	< 10	20	< 10	64
11DSS 0359	201	202	1	< 0.01	23	960	10	< 2	4	69	0.04	< 10	< 10	27	< 10	82
11DSS 0360	201	202	1	< 0.01	19	910	8	< 2	4	86	0.01	< 10	< 10	19	< 10	66
11DSS 0361	201	202	1	< 0.01	24	980	12	< 2	4	66	0.15	< 10	< 10	49	< 10	82

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
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PHONE: 604-984-0221 FAX: 604-984-0218

To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9744863

Comments: ATTN: GEORGE NICHOLSON

CERTIFICATE A9744863

(PHY) - INTERNATIONAL KODIAK RESOURCES INC.

Project:
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 7-OCT-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	113	Dry, sieve to -80 mesh
202	113	save reject
229	112	ICP - AQ Digestion charge
* NOTE	1:	

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

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	113	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2118	112	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	112	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	112	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	112	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	112	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	112	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	112	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	112	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	112	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	112	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	112	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	112	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	112	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	112	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	112	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	112	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	112	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	112	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	112	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	112	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	112	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	112	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	112	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	112	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	112	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	112	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	112	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	112	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	112	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	112	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	112	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	112	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

Chemex Labs Ltd.

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To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 07-OCT-97
Invoice No. :I9744863
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744863

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
18ASS 0268	201	202	< 5	0.8	1.32	6	650	0.5	< 2	0.97	3.5	11	31	57	2.58	< 10	620	0.12	10	0.59	790
18ASS 0269	201	202	< 5	0.4	1.40	6	620	< 0.5	< 2	0.81	2.0	10	32	47	2.21	< 10	520	0.14	10	0.63	170
18ASS 0270	201	202	< 5	0.2	1.26	4	460	< 0.5	< 2	0.92	2.0	10	27	45	2.21	< 10	490	0.10	10	0.64	360
18ASS 0271	201	202	< 5	0.4	1.45	< 2	510	< 0.5	< 2	0.86	1.5	11	31	47	2.14	< 10	470	0.14	10	0.67	265
18ASS 0272	201	202	< 5	0.8	1.28	6	460	0.5	< 2	1.14	4.0	11	30	61	2.44	< 10	560	0.10	10	0.64	875
18ASS 0273	201	202	< 5	0.6	1.37	8	540	0.5	< 2	1.15	2.0	13	34	75	3.02	< 10	630	0.12	10	0.78	400
18ASS 0274	201	202	< 5	0.2	1.09	2	250	< 0.5	< 2	1.63	< 0.5	6	17	29	1.22	< 10	300	0.09	< 10	0.57	350
18ASS 0275	201	202	< 5	0.8	1.42	6	570	0.5	< 2	1.04	3.0	11	33	61	2.46	< 10	560	0.14	10	0.62	225
18ASS 0276	201	202	< 5	0.6	1.52	6	1020	0.5	< 2	0.78	1.5	13	35	59	2.72	< 10	530	0.15	20	0.67	415
18ASS 0277	201	202	< 5	0.4	1.49	8	610	0.5	< 2	0.96	3.0	12	32	57	2.59	< 10	570	0.14	10	0.68	765
18ASS 0278	201	202	< 5	0.8	1.35	8	670	0.5	< 2	1.11	4.5	13	32	71	2.72	< 10	800	0.13	10	0.63	995
18ASS 0279	201	202	< 5	0.4	1.34	6	510	< 0.5	< 2	0.92	2.5	11	27	50	2.34	< 10	590	0.10	10	0.60	700
18ASS 0280	201	202	< 5	0.4	1.34	4	530	< 0.5	< 2	0.86	2.5	11	29	50	2.39	< 10	540	0.10	10	0.62	660
18ASS 0282	201	202	< 5	0.2	1.39	8	540	0.5	< 2	0.96	2.5	11	32	60	2.70	< 10	580	0.13	10	0.70	685
18ASS 0283	201	202	< 5	0.2	1.37	6	600	0.5	< 2	0.91	2.5	12	30	52	2.82	< 10	540	0.12	10	0.72	720
18ASS 0285	201	202	< 5	0.4	1.34	8	650	< 0.5	< 2	0.06	< 0.5	4	24	39	2.89	< 10	210	0.11	< 10	0.17	125
18ASS 0286	201	202	< 5	0.6	0.77	6	300	< 0.5	< 2	0.51	1.5	4	19	28	1.24	< 10	380	0.13	10	0.34	130
18ASS 0287	201	202	< 5	0.8	0.86	8	570	< 0.5	< 2	0.15	1.5	4	23	46	1.49	< 10	400	0.12	10	0.20	100
18ASS 0288	201	202	< 5	1.6	0.84	4	840	< 0.5	< 2	0.14	< 0.5	1	29	34	1.16	< 10	940	0.12	10	0.14	55
18ASS 0289	201	202	< 5	1.8	0.48	12	580	< 0.5	< 2	0.09	< 0.5	1	18	51	1.58	< 10	650	0.07	< 10	0.05	110
18ASS 0292	201	202	15	0.6	0.71	8	590	< 0.5	< 2	0.20	< 0.5	7	18	35	1.42	< 10	290	0.10	< 10	0.18	320
18ASS 0293	201	202	< 5	0.4	0.87	6	640	< 0.5	< 2	0.32	0.5	6	21	39	1.70	< 10	280	0.12	10	0.26	275
18ASS 0294	201	202	< 5	0.4	0.93	8	550	< 0.5	< 2	0.26	0.5	6	22	45	2.05	< 10	270	0.12	10	0.28	220
18ASS 0295	201	202	< 5	0.2	1.06	6	510	< 0.5	< 2	0.66	1.5	7	24	49	2.02	< 10	250	0.10	10	0.38	310
18ASS 0296	201	202	< 5	0.6	1.17	8	540	< 0.5	< 2	0.48	1.5	8	27	50	2.27	< 10	270	0.11	10	0.43	380
18ASS 0297	201	202	< 5	0.4	0.96	4	490	< 0.5	< 2	0.41	1.0	6	22	43	1.97	< 10	220	0.10	10	0.36	275
18ASS 0298	201	202	< 5	0.6	0.79	16	450	0.5	< 2	0.77	0.5	9	17	81	2.98	< 10	540	0.17	10	0.26	340
18DSS 0299	201	202	< 5	< 0.2	1.70	4	170	< 0.5	< 2	0.13	< 0.5	11	39	22	2.68	< 10	30	0.04	10	0.57	565
18DSS 0300	201	202	< 5	< 0.2	1.75	2	220	< 0.5	< 2	0.20	< 0.5	12	48	28	2.74	< 10	30	0.04	10	0.78	570
18DSS 0302	201	202	< 5	< 0.2	2.21	6	290	< 0.5	< 2	0.33	< 0.5	12	44	40	3.54	< 10	30	0.04	10	0.91	360
18DSS 0303	201	202	< 5	< 0.2	2.10	< 2	300	< 0.5	< 2	0.91	< 0.5	14	55	41	2.91	< 10	50	0.04	10	1.01	530
18DSS 0304	201	202	< 5	< 0.2	2.49	6	360	< 0.5	< 2	0.75	< 0.5	16	80	52	3.37	< 10	80	0.04	10	1.29	455
18DSS 0305	201	202	< 5	< 0.2	2.02	4	300	< 0.5	< 2	0.85	< 0.5	13	63	41	2.76	< 10	60	0.04	10	1.04	380
18DSS 0306	201	202	< 5	0.2	2.16	< 2	360	0.5	< 2	1.20	< 0.5	11	43	91	2.45	< 10	190	0.04	30	0.75	340
18DSS 0307	201	202	< 5	< 0.2	2.19	< 2	330	< 0.5	< 2	0.90	< 0.5	15	67	49	2.95	< 10	90	0.04	10	1.13	475
18DSS 0308	201	202	< 5	< 0.2	1.56	< 2	190	< 0.5	< 2	2.21	< 0.5	9	51	52	1.99	< 10	120	0.04	< 10	1.08	295
18DSS 0309	201	202	< 5	< 0.2	2.05	4	280	< 0.5	< 2	1.09	< 0.5	14	57	48	2.90	< 10	100	0.04	10	1.19	455
18DSS 0310	201	202	< 5	< 0.2	2.12	2	320	< 0.5	< 2	0.95	< 0.5	13	55	56	2.80	< 10	130	0.05	10	1.05	515
18DSS 0312	201	202	< 5	< 0.2	1.93	< 2	270	< 0.5	< 2	1.14	< 0.5	14	51	52	2.69	< 10	100	0.04	10	1.27	370
18DSS 0314	201	202	< 5	< 0.2	2.36	< 2	290	< 0.5	< 2	1.45	< 0.5	16	64	73	3.20	< 10	120	0.05	10	1.62	365

CERTIFICATION:

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CERTIFICATE OF ANALYSIS A9744863

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
18ASS 0268	201	202	4	< 0.01	59	1100	8	< 2	4	82	0.04	< 10	< 10	111	< 10	466
18ASS 0269	201	202	3	< 0.01	51	1070	6	< 2	4	76	0.05	< 10	< 10	95	< 10	408
18ASS 0270	201	202	2	< 0.01	50	1040	8	< 2	4	77	0.04	< 10	< 10	77	< 10	408
18ASS 0271	201	202	3	< 0.01	52	1040	10	< 2	4	80	0.05	< 10	< 10	96	< 10	376
18ASS 0272	201	202	4	< 0.01	67	1070	6	< 2	4	94	0.03	< 10	< 10	99	< 10	588
18ASS 0273	201	202	4	< 0.01	61	1440	10	< 2	5	101	0.03	< 10	< 10	95	< 10	472
18ASS 0274	201	202	< 1	< 0.01	23	850	4	< 2	3	100	0.01	< 10	< 10	26	< 10	92
18ASS 0275	201	202	4	< 0.01	61	1090	10	< 2	4	91	0.04	< 10	< 10	118	< 10	492
18ASS 0276	201	202	4	< 0.01	59	1310	8	2	5	81	0.05	< 10	< 10	108	< 10	402
18ASS 0277	201	202	4	< 0.01	62	1110	10	< 2	5	88	0.04	< 10	< 10	104	< 10	470
18ASS 0278	201	202	6	< 0.01	74	1170	10	2	4	101	0.03	< 10	< 10	119	< 10	574
18ASS 0279	201	202	3	< 0.01	50	980	10	2	4	81	0.03	< 10	< 10	83	< 10	360
18ASS 0280	201	202	4	< 0.01	54	1040	8	< 2	4	80	0.04	< 10	< 10	90	< 10	414
18ASS 0282	201	202	4	< 0.01	56	1280	8	< 2	5	89	0.03	< 10	< 10	91	< 10	426
18ASS 0283	201	202	3	< 0.01	56	1410	10	< 2	4	88	0.04	< 10	< 10	86	< 10	442
18ASS 0285	201	202	3	< 0.01	14	1000	12	< 2	< 1	38	0.01	< 10	< 10	72	< 10	58
18ASS 0286	201	202	6	< 0.01	20	550	8	2	2	42	0.01	< 10	< 10	108	< 10	108
18ASS 0287	201	202	5	< 0.01	25	640	8	< 2	2	73	0.01	< 10	< 10	88	< 10	104
18ASS 0288	201	202	2	< 0.01	16	960	14	2	2	82	0.01	< 10	< 10	76	< 10	18
18ASS 0289	201	202	4	< 0.01	13	770	8	< 2	1	44	< 0.01	< 10	< 10	92	< 10	16
18ASS 0292	201	202	4	< 0.01	18	790	12	< 2	1	60	0.01	< 10	< 10	65	< 10	58
18ASS 0293	201	202	3	< 0.01	22	860	10	< 2	3	67	0.01	< 10	< 10	74	< 10	80
18ASS 0294	201	202	4	< 0.01	28	770	10	2	3	60	0.02	< 10	< 10	102	< 10	124
18ASS 0295	201	202	3	< 0.01	30	930	12	< 2	4	69	0.03	< 10	< 10	74	< 10	144
18ASS 0296	201	202	3	0.01	32	1010	12	< 2	4	72	0.04	< 10	< 10	82	< 10	128
18ASS 0297	201	202	3	< 0.01	28	940	10	< 2	3	67	0.03	< 10	< 10	68	< 10	112
18ASS 0298	201	202	6	< 0.01	37	1090	22	2	4	145	< 0.01	< 10	< 10	47	< 10	118
18DSS 0299	201	202	< 1	< 0.01	21	550	8	< 2	2	12	0.05	< 10	< 10	54	< 10	62
18DSS 0300	201	202	< 1	< 0.01	31	570	8	< 2	3	14	0.08	< 10	< 10	58	< 10	64
18DSS 0302	201	202	1	< 0.01	31	570	8	< 2	5	22	0.11	< 10	< 10	75	< 10	72
18DSS 0303	201	202	1	< 0.01	38	680	6	< 2	5	50	0.09	< 10	< 10	63	< 10	84
18DSS 0304	201	202	1	< 0.01	53	760	8	2	6	45	0.12	< 10	< 10	74	< 10	80
18DSS 0305	201	202	< 1	< 0.01	39	650	6	< 2	5	48	0.07	< 10	< 10	60	< 10	70
18DSS 0306	201	202	2	< 0.01	34	1030	6	< 2	4	85	0.04	< 10	< 10	55	< 10	62
18DSS 0307	201	202	1	< 0.01	44	740	6	< 2	6	51	0.08	< 10	< 10	65	< 10	84
18DSS 0308	201	202	1	< 0.01	35	950	4	< 2	3	114	0.05	< 10	< 10	49	< 10	76
18DSS 0309	201	202	1	< 0.01	46	680	6	2	5	63	0.09	< 10	< 10	64	< 10	96
18DSS 0310	201	202	2	< 0.01	42	790	6	< 2	5	60	0.07	< 10	< 10	61	< 10	88
18DSS 0312	201	202	1	< 0.01	49	640	2	< 2	5	58	0.11	< 10	< 10	65	< 10	84
18DSS 0314	201	202	1	< 0.01	55	740	4	< 2	7	75	0.14	< 10	< 10	77	< 10	84

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 07-OCT-97
Invoice No. :I9744863
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744863

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
18DSS 0316	201	202	< 5	< 0.2	2.24	< 2	280	< 0.5	< 2	1.32	< 0.5	24	77	89	3.89	< 10	300	0.04	10	1.99	490
18DSS 0317	201	202	< 5	0.2	1.98	6	280	< 0.5	< 2	1.38	< 0.5	19	65	110	3.32	< 10	370	0.05	10	1.35	445
18DSS 0319	201	202	< 5	< 0.2	2.17	< 2	310	< 0.5	< 2	1.29	< 0.5	21	98	79	3.66	< 10	440	0.05	10	1.75	430
18DSS 0320	201	202	< 5	1.4	0.87	< 2	360	< 0.5	< 2	2.22	1.0	8	23	164	1.31	< 10	350	0.05	10	0.48	900
18DSS 0321	201	202	< 5	0.4	2.27	< 2	350	< 0.5	< 2	1.44	< 0.5	24	103	108	4.14	< 10	610	0.09	10	1.91	685
18DSS 0323	201	202	< 5	< 0.2	2.56	6	210	0.5	< 2	0.19	< 0.5	14	41	34	3.65	< 10	10	0.07	10	0.78	545
18DSS 0325	201	202	< 5	< 0.2	1.66	6	190	< 0.5	< 2	0.13	< 0.5	7	49	20	2.38	< 10	10	0.03	10	0.58	225
18DSS 0326	201	202	< 5	< 0.2	1.24	6	150	< 0.5	< 2	0.08	0.5	6	35	47	2.74	< 10	40	0.06	10	0.30	275
18DSS 0327	201	202	< 5	0.2	1.12	2	230	< 0.5	< 2	0.18	< 0.5	8	37	55	2.71	< 10	100	0.07	10	0.26	385
18DSS 0328	201	202	< 5	0.2	1.34	4	210	< 0.5	< 2	0.71	< 0.5	7	41	63	2.61	< 10	140	0.06	10	0.39	210
18DSS 0331	201	202	< 5	< 0.2	2.09	< 2	440	< 0.5	< 2	1.20	< 0.5	17	80	55	3.06	< 10	180	0.04	10	1.14	505
18DSS 0332	201	202	< 5	< 0.2	2.05	< 2	290	< 0.5	< 2	1.54	< 0.5	17	67	68	2.87	< 10	190	0.04	20	1.15	630
18DSS 0333	201	202	< 5	< 0.2	2.47	< 2	330	< 0.5	< 2	1.25	< 0.5	23	91	66	3.61	< 10	140	0.05	10	1.70	635
18DSS 0334	201	202	< 5	< 0.2	2.10	< 2	320	< 0.5	< 2	1.53	< 0.5	18	74	60	2.87	< 10	140	0.04	10	1.31	590
18DSS 0335	201	202	< 5	0.2	1.68	< 2	280	< 0.5	< 2	1.13	< 0.5	13	61	50	2.54	< 10	110	0.07	10	0.97	510
18DSS 0336	201	202	< 5	0.2	1.85	2	280	< 0.5	< 2	1.46	< 0.5	15	65	57	2.59	< 10	200	0.04	10	1.16	530
18DSS 0337	201	202	< 5	< 0.2	2.09	< 2	310	< 0.5	< 2	1.27	< 0.5	16	70	55	2.89	< 10	190	0.05	10	1.26	535
18DSS 0338	201	202	< 5	< 0.2	2.29	< 2	290	< 0.5	< 2	1.04	0.5	19	72	61	3.12	< 10	290	0.07	10	1.26	700
18DSS 0339	201	202	< 5	0.2	2.51	< 2	410	0.5	< 2	1.03	< 0.5	21	67	77	3.24	< 10	320	0.07	10	1.03	1195
18DSS 0340	201	202	30	0.8	1.88	8	390	0.5	< 2	1.25	0.5	16	61	334	3.45	< 10	440	0.11	10	1.12	495
18DSS 0341	201	202	< 5	0.2	1.68	< 2	310	< 0.5	< 2	0.25	< 0.5	12	53	105	2.87	< 10	190	0.07	10	0.57	405
18DSS 0342	201	202	20	0.8	2.05	4	380	0.5	< 2	1.47	0.5	16	67	227	3.54	< 10	480	0.11	10	1.21	705
19ASS 009	201	202	< 5	2.0	1.05	24	530	0.5	< 2	0.89	4.5	9	38	98	2.52	< 10	390	0.16	10	0.34	440
19ASS 010	201	202	< 5	< 0.2	2.34	4	290	0.5	< 2	0.12	< 0.5	13	32	43	3.40	< 10	20	0.14	10	0.50	295
19ASS 011	201	202	< 5	< 0.2	2.74	12	200	< 0.5	< 2	0.07	< 0.5	10	35	54	3.86	< 10	50	0.06	< 10	0.30	245
19ASS 013	201	202	< 5	1.0	0.93	14	590	0.5	< 2	0.69	3.0	7	31	67	2.39	< 10	350	0.17	10	0.31	430
19ASS 015	201	202	< 5	0.8	1.28	12	630	0.5	< 2	0.51	0.5	6	27	48	2.12	< 10	320	0.11	10	0.40	420
19ASS 016	201	202	10	0.8	1.05	4	580	< 0.5	< 2	0.67	1.5	9	20	38	1.93	< 10	270	0.10	< 10	0.35	1175
19ASS 017	201	202	< 5	0.8	1.05	14	700	0.5	< 2	0.55	0.5	9	20	59	3.13	< 10	440	0.17	10	0.30	610
19ASS 018	201	202	< 5	0.2	1.82	12	600	0.5	< 2	0.11	< 0.5	24	25	83	6.80	< 10	40	0.13	< 10	0.35	290
19ASS 019	201	202	< 5	< 0.2	1.76	10	320	< 0.5	< 2	0.10	< 0.5	9	19	41	4.55	< 10	10	0.10	10	0.24	400
19ASS 020	201	202	< 5	0.2	1.54	12	730	0.5	< 2	0.25	< 0.5	9	24	62	3.27	< 10	270	0.13	10	0.36	265
19ASS 021	201	202	< 5	0.6	1.31	10	400	< 0.5	< 2	0.34	1.5	6	26	40	1.97	< 10	230	0.10	10	0.38	135
19CS 0001	201	202	15	0.6	1.95	10	1680	0.5	< 2	0.91	2.0	23	57	122	5.24	< 10	530	0.14	10	0.90	940
19CS 0002	201	202	15	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss
19CS 0029	201	202	< 5	2.6	0.72	8	1010	0.5	< 2	2.02	11.5	6	31	114	1.50	< 10	920	0.09	< 10	0.61	225
19CSS 0003	201	202	20	1.0	0.78	12	1460	0.5	< 2	0.51	0.5	19	21	174	4.61	< 10	650	0.12	10	0.10	655
19CSS 0004	201	202	< 5	4.4	0.49	24	600	0.5	< 2	0.77	9.5	4	40	153	1.47	< 10	1570	0.12	< 10	0.20	130
19CSS 0005	201	202	< 5	0.2	1.17	2	420	0.5	< 2	0.55	< 0.5	14	16	58	3.95	< 10	300	0.16	< 10	0.25	315
19CSS 0006	201	202	< 5	0.2	0.87	2	740	< 0.5	< 2	0.74	1.0	8	13	38	2.62	< 10	490	0.10	< 10	0.33	100

CERTIFICATION:_____

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To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 07-OCT-97
Invoice No. :I9744863
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744863

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
18DSS 0316	201	202	1	< 0.01	88	710	8	2	9	72	0.17	< 10	< 10	88	< 10	102
18DSS 0317	201	202	3	< 0.01	70	920	6	2	8	83	0.07	< 10	< 10	67	< 10	116
18DSS 0319	201	202	1	< 0.01	81	1010	4	< 2	10	70	0.11	< 10	< 10	74	< 10	112
18DSS 0320	201	202	1	0.01	24	1100	2	< 2	1	118	0.01	< 10	< 10	34	< 10	54
18DSS 0321	201	202	2	< 0.01	89	1210	6	< 2	10	82	0.12	< 10	< 10	90	< 10	128
18DSS 0323	201	202	1	< 0.01	27	410	8	2	6	15	0.10	< 10	< 10	77	< 10	76
18DSS 0325	201	202	< 1	< 0.01	28	380	6	2	2	13	0.07	< 10	< 10	51	< 10	46
18DSS 0326	201	202	1	< 0.01	21	520	10	< 2	2	13	0.05	< 10	< 10	57	< 10	62
18DSS 0327	201	202	1	< 0.01	25	680	10	2	2	20	0.04	< 10	< 10	58	< 10	74
18DSS 0328	201	202	1	< 0.01	27	610	8	< 2	3	33	0.04	< 10	< 10	51	< 10	52
18DSS 0331	201	202	1	< 0.01	72	820	4	< 2	6	50	0.07	< 10	< 10	61	< 10	86
18DSS 0332	201	202	< 1	< 0.01	74	980	4	< 2	4	53	0.07	< 10	< 10	53	< 10	48
18DSS 0333	201	202	< 1	< 0.01	90	740	2	< 2	6	44	0.14	< 10	< 10	76	< 10	76
18DSS 0334	201	202	< 1	< 0.01	73	790	2	< 2	5	52	0.09	< 10	< 10	58	< 10	64
18DSS 0335	201	202	< 1	< 0.01	54	720	2	< 2	4	41	0.08	< 10	< 10	55	< 10	60
18DSS 0336	201	202	< 1	< 0.01	63	820	8	< 2	4	49	0.08	< 10	< 10	52	< 10	66
18DSS 0337	201	202	< 1	< 0.01	66	790	6	< 2	5	46	0.08	< 10	< 10	59	< 10	74
18DSS 0338	201	202	1	< 0.01	63	940	6	< 2	6	43	0.07	< 10	< 10	61	< 10	88
18DSS 0339	201	202	1	< 0.01	60	1080	6	< 2	6	46	0.05	< 10	< 10	64	< 10	98
18DSS 0340	201	202	3	< 0.01	76	1560	8	< 2	8	54	0.09	< 10	< 10	86	< 10	170
18DSS 0341	201	202	3	< 0.01	44	1020	14	< 2	2	25	0.03	< 10	< 10	70	< 10	112
18DSS 0342	201	202	2	< 0.01	66	1880	8	< 2	9	61	0.11	< 10	< 10	98	< 10	180
19ASS 009	201	202	18	< 0.01	66	2230	14	4	3	149	< 0.01	< 10	< 10	268	< 10	502
19ASS 010	201	202	1	< 0.01	41	260	8	2	4	22	0.04	< 10	< 10	50	< 10	134
19ASS 011	201	202	3	< 0.01	28	450	12	2	4	14	0.05	< 10	< 10	72	< 10	130
19ASS 013	201	202	9	< 0.01	44	1580	14	2	3	125	0.01	< 10	< 10	177	< 10	310
19ASS 015	201	202	3	< 0.01	27	1020	14	< 2	4	75	0.02	< 10	< 10	75	< 10	116
19ASS 016	201	202	4	< 0.01	27	880	12	< 2	3	76	0.01	< 10	< 10	53	< 10	102
19ASS 017	201	202	7	< 0.01	32	1150	22	2	4	147	0.01	< 10	< 10	58	< 10	150
19ASS 018	201	202	9	< 0.01	53	720	12	2	4	44	< 0.01	< 10	< 10	46	< 10	304
19ASS 019	201	202	3	< 0.01	17	440	8	2	3	12	0.01	< 10	< 10	41	< 10	98
19ASS 020	201	202	5	< 0.01	41	490	14	< 2	5	55	0.02	< 10	< 10	57	< 10	122
19ASS 021	201	202	3	< 0.01	27	710	12	2	4	37	0.03	< 10	< 10	102	< 10	204
19CS 0001	201	202	3	0.01	75	1480	12	< 2	9	59	< 0.01	< 10	< 10	84	< 10	194
19CS 0002	201	202	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss
19CS 0029	201	202	9	< 0.01	88	2480	10	8	3	171	< 0.01	< 10	10	264	< 10	616
19CSS 0003	201	202	4	< 0.01	62	1400	22	< 2	6	96	< 0.01	< 10	< 10	54	< 10	198
19CSS 0004	201	202	16	< 0.01	65	1340	6	6	4	104	< 0.01	< 10	10	437	< 10	346
19CSS 0005	201	202	5	< 0.01	37	350	14	< 2	5	64	< 0.01	< 10	< 10	28	< 10	92
19CSS 0006	201	202	8	< 0.01	28	720	6	2	6	73	< 0.01	< 10	< 10	56	< 10	72

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CERTIFICATE OF ANALYSIS A9744863

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
19CSS 0007	201	202	< 5	0.2	1.17	< 2	790	< 0.5	< 2	1.61	0.5	12	17	45	2.43	< 10	380	0.08	< 10	0.37	805
19CSS 0023	201	202	20	1.4	1.14	46	1020	0.5	< 2	0.26	< 0.5	25	31	151	9.69	< 10	350	0.18	10	0.18	1130
19CSS 0024	201	202	< 5	1.0	0.95	30	370	0.5	< 2	1.05	5.5	13	23	83	4.50	< 10	440	0.20	10	0.31	840
19CSS 0025	201	202	< 5	1.6	0.63	54	220	< 0.5	< 2	0.68	5.0	10	28	73	5.38	< 10	380	0.27	< 10	0.28	505
19CSS 0026	201	202	< 5	1.0	0.86	56	310	0.5	< 2	0.60	12.5	14	29	102	6.02	< 10	390	0.27	< 10	0.27	700
19CSS 0027	201	202	< 5	< 0.2	2.02	2	2740	0.5	< 2	0.80	1.5	21	46	48	4.86	< 10	330	0.13	10	0.74	530
19CSS 0028	201	202	< 5	0.6	1.37	8	1550	0.5	< 2	1.92	3.5	26	32	68	4.95	< 10	580	0.15	10	0.94	995
19DS 0002	201	202	< 5	< 0.2	2.53	< 2	260	< 0.5	< 2	1.09	< 0.5	23	185	70	3.95	< 10	140	0.08	10	2.93	310
19DS 0003	201	202	< 5	< 0.2	2.47	< 2	300	< 0.5	< 2	1.21	< 0.5	22	165	62	4.12	< 10	170	0.07	10	2.74	335
19DS 0004	201	202	< 5	< 0.2	2.04	< 2	280	< 0.5	< 2	1.27	0.5	16	113	60	3.31	< 10	1310	0.06	10	1.90	295
19DS 0007	201	202	< 5	< 0.2	2.18	< 2	290	< 0.5	< 2	1.37	0.5	18	119	59	3.45	< 10	190	0.06	10	2.10	285
19DS 0018	201	202	< 5	< 0.2	1.93	< 2	290	< 0.5	< 2	1.16	< 0.5	17	74	67	3.08	< 10	270	0.07	10	1.53	365
19DS 0019	201	202	< 5	< 0.2	1.82	< 2	240	< 0.5	< 2	0.76	< 0.5	14	52	41	2.76	< 10	120	0.06	10	1.11	335
19DSS 0001	201	202	< 5	0.2	2.06	< 2	280	0.5	< 2	1.17	0.5	17	94	78	3.21	< 10	150	0.10	10	1.75	280
19DSS 0005	201	202	< 5	< 0.2	2.13	4	270	< 0.5	< 2	1.31	< 0.5	18	117	66	3.45	< 10	210	0.06	10	2.01	290
19DSS 0006	201	202	< 5	< 0.2	2.22	< 2	280	< 0.5	< 2	1.58	< 0.5	17	118	62	3.61	< 10	150	0.05	10	2.11	300
19DSS 0008	201	202	< 5	< 0.2	2.28	< 2	300	< 0.5	< 2	1.48	< 0.5	17	113	62	3.55	< 10	150	0.05	10	2.01	340
19DSS 0009	201	202	< 5	0.2	2.11	< 2	290	< 0.5	< 2	1.49	< 0.5	16	92	67	3.25	< 10	200	0.05	10	1.63	370
19DSS 0010	201	202	< 5	< 0.2	2.02	< 2	290	< 0.5	< 2	1.47	< 0.5	19	113	56	3.37	< 10	140	0.05	10	2.11	410
19DSS 0011	201	202	< 5	< 0.2	2.15	< 2	290	< 0.5	< 2	1.35	< 0.5	21	113	58	3.56	< 10	140	0.05	10	2.11	505
19DSS 0012	201	202	< 5	0.2	2.43	< 2	280	< 0.5	< 2	1.29	< 0.5	22	110	84	3.89	< 10	170	0.05	10	2.21	490
19DSS 0013	201	202	< 5	< 0.2	2.47	< 2	300	< 0.5	< 2	1.29	< 0.5	22	112	63	3.90	< 10	170	0.05	10	2.15	450
19DSS 0014	201	202	< 5	< 0.2	2.28	< 2	300	< 0.5	< 2	1.25	< 0.5	20	100	62	3.67	< 10	140	0.05	10	1.89	440
19DSS 0015	201	202	15	< 0.2	2.19	8	350	< 0.5	< 2	1.13	< 0.5	19	82	74	3.89	< 10	270	0.07	10	1.69	535
19DSS 0016	201	202	< 5	< 0.2	1.65	2	270	< 0.5	< 2	1.16	< 0.5	16	58	56	2.94	< 10	320	0.05	10	1.15	480
19DSS 0017	201	202	< 5	< 0.2	2.09	< 2	310	0.5	< 2	0.93	< 0.5	51	176	97	6.73	< 10	390	0.06	10	2.58	1015
19DSS 0015E	201	202	< 5	0.2	1.17	4	220	0.5	< 2	0.49	< 0.5	9	21	109	2.82	< 10	130	0.07	10	0.35	295
19DSS 0016E	201	202	40	0.2	1.08	6	270	1.0	< 2	0.43	< 0.5	17	44	217	5.17	< 10	260	0.06	20	0.22	715
19DSS 0017E	201	202	< 5	< 0.2	1.92	< 2	180	0.5	< 2	1.47	< 0.5	31	11	41	6.62	< 10	130	0.03	30	1.06	945
19DSS 0018E	201	202	< 5	< 0.2	3.03	< 2	250	< 0.5	< 2	1.48	< 0.5	31	246	80	4.86	< 10	110	0.03	10	3.57	575
19DSS 0019E	201	202	< 5	< 0.2	3.73	< 2	320	< 0.5	< 2	0.85	< 0.5	40	221	101	5.33	< 10	30	0.01	< 10	4.67	695
19DSS 0016T	201	202	< 5	< 0.2	1.56	< 2	320	0.5	< 2	1.19	0.5	44	125	93	6.13	< 10	550	0.05	10	1.47	1560
UNMARKED SAMPLE	201	202	< 5	< 0.2	1.67	< 2	230	0.5	< 2	2.40	< 0.5	11	23	17	2.94	< 10	40	0.06	10	1.22	360

CERTIFICATION:_____

Chemex Labs Ltd.

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 07-OCT-97
Invoice No. : I9744863
P.O. Number :
Account : PHY

CERTIFICATE OF ANALYSIS A9744863

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
19CSS 0007	201	202	1	< 0.01	24	890	4	< 2	5	161	< 0.01	< 10	< 10	47	< 10	106
19CSS 0023	201	202	12	< 0.01	86	760	28	2	9	64	< 0.01	< 10	< 10	63	< 10	476
19CSS 0024	201	202	13	0.01	65	1920	12	2	5	163	< 0.01	< 10	< 10	166	< 10	410
19CSS 0025	201	202	28	0.01	53	2700	14	6	4	231	< 0.01	< 10	< 10	268	< 10	334
19CSS 0026	201	202	23	0.01	96	2610	16	6	5	218	< 0.01	< 10	< 10	217	< 10	810
19CSS 0027	201	202	4	< 0.01	71	1360	6	2	7	68	< 0.01	< 10	< 10	119	< 10	314
19CSS 0028	201	202	7	< 0.01	99	1090	12	2	7	139	< 0.01	< 10	< 10	102	< 10	436
19DS 0002	201	202	< 1	< 0.01	122	990	6	2	7	58	0.18	< 10	< 10	77	< 10	94
19DS 0003	201	202	< 1	< 0.01	112	1030	6	< 2	7	60	0.20	< 10	< 10	84	< 10	104
19DS 0004	201	202	< 1	< 0.01	80	1020	4	< 2	6	62	0.13	< 10	< 10	68	< 10	100
19DS 0007	201	202	< 1	< 0.01	89	870	4	< 2	6	61	0.17	< 10	< 10	70	< 10	100
19DS 0018	201	202	1	< 0.01	76	770	6	< 2	7	55	0.11	< 10	< 10	60	< 10	70
19DS 0019	201	202	< 1	< 0.01	48	690	4	< 2	5	41	0.11	< 10	< 10	57	< 10	72
19DSS 0001	201	202	1	< 0.01	75	1070	8	2	5	68	0.10	< 10	< 10	66	< 10	94
19DSS 0005	201	202	1	< 0.01	85	990	4	< 2	7	64	0.11	< 10	< 10	66	< 10	100
19DSS 0006	201	202	1	< 0.01	84	940	2	< 2	7	71	0.15	< 10	< 10	74	< 10	96
19DSS 0008	201	202	< 1	< 0.01	82	920	4	< 2	7	69	0.14	< 10	< 10	72	< 10	98
19DSS 0009	201	202	1	< 0.01	73	950	6	< 2	6	70	0.08	< 10	< 10	62	< 10	88
19DSS 0010	201	202	1	< 0.01	87	860	4	< 2	5	66	0.11	< 10	< 10	64	< 10	84
19DSS 0011	201	202	< 1	< 0.01	89	830	2	< 2	6	61	0.11	< 10	< 10	68	< 10	90
19DSS 0012	201	202	1	< 0.01	102	920	2	2	7	52	0.14	< 10	< 10	76	< 10	96
19DSS 0013	201	202	< 1	< 0.01	94	940	2	2	7	57	0.15	< 10	< 10	79	< 10	100
19DSS 0014	201	202	1	< 0.01	80	880	4	< 2	7	55	0.14	< 10	< 10	76	< 10	98
19DSS 0015	201	202	3	< 0.01	66	1000	6	< 2	7	55	0.16	< 10	< 10	88	< 10	112
19DSS 0016	201	202	1	< 0.01	56	850	6	< 2	6	58	0.08	< 10	< 10	56	< 10	90
19DSS 0017	201	202	< 1	< 0.01	225	860	2	< 2	15	30	0.20	< 10	< 10	106	< 10	74
19DSS 0015E	201	202	3	< 0.01	36	1090	10	2	3	37	0.01	< 10	< 10	47	< 10	134
19DSS 0016E	201	202	5	< 0.01	70	1100	16	2	6	43	0.01	< 10	< 10	74	< 10	152
19DSS 0017E	201	202	1	< 0.01	23	1570	2	< 2	11	51	0.01	< 10	< 10	128	< 10	112
19DSS 0018E	201	202	< 1	< 0.01	181	620	8	< 2	12	48	0.18	< 10	< 10	91	< 10	68
19DSS 0019E	201	202	< 1	< 0.01	196	530	12	2	11	33	0.24	< 10	< 10	110	< 10	98
19DSS 0016T	201	202	2	< 0.01	162	840	6	< 2	10	64	0.07	< 10	< 10	90	< 10	98
UNMARKED SAMPLE	201	202	< 1	< 0.01	22	940	12	< 2	3	98	0.03	< 10	< 10	24	< 10	68

CERTIFICATION: Stan Bushlen

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
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PHONE: 604-984-0221 FAX: 604-984-0218

To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9744863

Comments: ATTN: GEORGE NICHOLSON

CERTIFICATE A9744863

(PHY) - INTERNATIONAL KODIAK RESOURCES INC.

Project:
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 7-OCT-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	113	Dry, sieve to -80 mesh
202	113	save reject
229	112	ICP - AQ Digestion charge
* NOTE	1:	

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

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	113	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2118	112	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	112	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	112	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	112	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	112	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	112	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	112	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	112	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	112	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	112	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	112	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	112	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	112	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	112	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	112	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	112	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	112	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	112	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	112	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	112	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	112	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	112	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	112	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	112	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	112	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	112	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	112	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	112	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	112	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	112	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	112	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	112	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

Chemex Labs Ltd.

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British Columbia, Canada V7J 2C1
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To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Page Number :1-A
Total Pages :3
Certificate Date: 07-OCT-97
Invoice No. :I9744863
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744863

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
18ASS 0268	201	202	< 5	0.8	1.32	6	650	0.5	< 2	0.97	3.5	11	31	57	2.58	< 10	620	0.12	10	0.59	790
18ASS 0269	201	202	< 5	0.4	1.40	6	620	< 0.5	< 2	0.81	2.0	10	32	47	2.21	< 10	520	0.14	10	0.63	170
18ASS 0270	201	202	< 5	0.2	1.26	4	460	< 0.5	< 2	0.92	2.0	10	27	45	2.21	< 10	490	0.10	10	0.64	360
18ASS 0271	201	202	< 5	0.4	1.45	< 2	510	< 0.5	< 2	0.86	1.5	11	31	47	2.14	< 10	470	0.14	10	0.67	265
18ASS 0272	201	202	< 5	0.8	1.28	6	460	0.5	< 2	1.14	4.0	11	30	61	2.44	< 10	560	0.10	10	0.64	875
18ASS 0273	201	202	< 5	0.6	1.37	8	540	0.5	< 2	1.15	2.0	13	34	75	3.02	< 10	630	0.12	10	0.78	400
18ASS 0274	201	202	< 5	0.2	1.09	2	250	< 0.5	< 2	1.63	< 0.5	6	17	29	1.22	< 10	300	0.09	< 10	0.57	350
18ASS 0275	201	202	< 5	0.8	1.42	6	570	0.5	< 2	1.04	3.0	11	33	61	2.46	< 10	560	0.14	10	0.62	225
18ASS 0276	201	202	< 5	0.6	1.52	6	1020	0.5	< 2	0.78	1.5	13	35	59	2.72	< 10	530	0.15	20	0.67	415
18ASS 0277	201	202	< 5	0.4	1.49	8	610	0.5	< 2	0.96	3.0	12	32	57	2.59	< 10	570	0.14	10	0.68	765
18ASS 0278	201	202	< 5	0.8	1.35	8	670	0.5	< 2	1.11	4.5	13	32	71	2.72	< 10	800	0.13	10	0.63	995
18ASS 0279	201	202	< 5	0.4	1.34	6	510	< 0.5	< 2	0.92	2.5	11	27	50	2.34	< 10	590	0.10	10	0.60	700
18ASS 0280	201	202	< 5	0.4	1.34	4	530	< 0.5	< 2	0.86	2.5	11	29	50	2.39	< 10	540	0.10	10	0.62	660
18ASS 0282	201	202	< 5	0.2	1.39	8	540	0.5	< 2	0.96	2.5	11	32	60	2.70	< 10	580	0.13	10	0.70	685
18ASS 0283	201	202	< 5	0.2	1.37	6	600	0.5	< 2	0.91	2.5	12	30	52	2.82	< 10	540	0.12	10	0.72	720
18ASS 0285	201	202	< 5	0.4	1.34	8	650	< 0.5	< 2	0.06	< 0.5	4	24	39	2.89	< 10	210	0.11	< 10	0.17	125
18ASS 0286	201	202	< 5	0.6	0.77	6	300	< 0.5	< 2	0.51	1.5	4	19	28	1.24	< 10	380	0.13	10	0.34	130
18ASS 0287	201	202	< 5	0.8	0.86	8	570	< 0.5	< 2	0.15	1.5	4	23	46	1.49	< 10	400	0.12	10	0.20	100
18ASS 0288	201	202	< 5	1.6	0.84	4	840	< 0.5	< 2	0.14	< 0.5	1	29	34	1.16	< 10	940	0.12	10	0.14	55
18ASS 0289	201	202	< 5	1.8	0.48	12	580	< 0.5	< 2	0.09	< 0.5	1	18	51	1.58	< 10	650	0.07	< 10	0.05	110
18ASS 0292	201	202	15	0.6	0.71	8	590	< 0.5	< 2	0.20	< 0.5	7	18	35	1.42	< 10	290	0.10	< 10	0.18	320
18ASS 0293	201	202	< 5	0.4	0.87	6	640	< 0.5	< 2	0.32	0.5	6	21	39	1.70	< 10	280	0.12	10	0.26	275
18ASS 0294	201	202	< 5	0.4	0.93	8	550	< 0.5	< 2	0.26	0.5	6	22	45	2.05	< 10	270	0.12	10	0.28	220
18ASS 0295	201	202	< 5	0.2	1.06	6	510	< 0.5	< 2	0.66	1.5	7	24	49	2.02	< 10	250	0.10	10	0.38	310
18ASS 0296	201	202	< 5	0.6	1.17	8	540	< 0.5	< 2	0.48	1.5	8	27	50	2.27	< 10	270	0.11	10	0.43	380
18ASS 0297	201	202	< 5	0.4	0.96	4	490	< 0.5	< 2	0.41	1.0	6	22	43	1.97	< 10	220	0.10	10	0.36	275
18ASS 0298	201	202	< 5	0.6	0.79	16	450	0.5	< 2	0.77	0.5	9	17	81	2.98	< 10	540	0.17	10	0.26	340
18DSS 0299	201	202	< 5	< 0.2	1.70	4	170	< 0.5	< 2	0.13	< 0.5	11	39	22	2.68	< 10	30	0.04	10	0.57	565
18DSS 0300	201	202	< 5	< 0.2	1.75	2	220	< 0.5	< 2	0.20	< 0.5	12	48	28	2.74	< 10	30	0.04	10	0.78	570
18DSS 0302	201	202	< 5	< 0.2	2.21	6	290	< 0.5	< 2	0.33	< 0.5	12	44	40	3.54	< 10	30	0.04	10	0.91	360
18DSS 0303	201	202	< 5	< 0.2	2.10	< 2	300	< 0.5	< 2	0.91	< 0.5	14	55	41	2.91	< 10	50	0.04	10	1.01	530
18DSS 0304	201	202	< 5	< 0.2	2.49	6	360	< 0.5	< 2	0.75	< 0.5	16	80	52	3.37	< 10	80	0.04	10	1.29	455
18DSS 0305	201	202	< 5	< 0.2	2.02	4	300	< 0.5	< 2	0.85	< 0.5	13	63	41	2.76	< 10	60	0.04	10	1.04	380
18DSS 0306	201	202	< 5	0.2	2.16	< 2	360	0.5	< 2	1.20	< 0.5	11	43	91	2.45	< 10	190	0.04	30	0.75	340
18DSS 0307	201	202	< 5	< 0.2	2.19	< 2	330	< 0.5	< 2	0.90	< 0.5	15	67	49	2.95	< 10	90	0.04	10	1.13	475
18DSS 0308	201	202	< 5	< 0.2	1.56	< 2	190	< 0.5	< 2	2.21	< 0.5	9	51	52	1.99	< 10	120	0.04	< 10	1.08	295
18DSS 0309	201	202	< 5	< 0.2	2.05	4	280	< 0.5	< 2	1.09	< 0.5	14	57	48	2.90	< 10	100	0.04	10	1.19	455
18DSS 0310	201	202	< 5	< 0.2	2.12	2	320	< 0.5	< 2	0.95	< 0.5	13	55	56	2.80	< 10	130	0.05	10	1.05	515
18DSS 0312	201	202	< 5	< 0.2	1.93	< 2	270	< 0.5	< 2	1.14	< 0.5	14	51	52	2.69	< 10	100	0.04	10	1.27	370
18DSS 0314	201	202	< 5	< 0.2	2.36	< 2	290	< 0.5	< 2	1.45	< 0.5	16	64	73	3.20	< 10	120	0.05	10	1.62	365

CERTIFICATION:

Chemex Labs Ltd.

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CERTIFICATE OF ANALYSIS A9744863

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
18ASS 0268	201	202	4	< 0.01	59	1100	8	< 2	4	82	0.04	< 10	< 10	111	< 10	466
18ASS 0269	201	202	3	< 0.01	51	1070	6	< 2	4	76	0.05	< 10	< 10	95	< 10	408
18ASS 0270	201	202	2	< 0.01	50	1040	8	< 2	4	77	0.04	< 10	< 10	77	< 10	408
18ASS 0271	201	202	3	< 0.01	52	1040	10	< 2	4	80	0.05	< 10	< 10	96	< 10	376
18ASS 0272	201	202	4	< 0.01	67	1070	6	< 2	4	94	0.03	< 10	< 10	99	< 10	588
18ASS 0273	201	202	4	< 0.01	61	1440	10	< 2	5	101	0.03	< 10	< 10	95	< 10	472
18ASS 0274	201	202	< 1	< 0.01	23	850	4	< 2	3	100	0.01	< 10	< 10	26	< 10	92
18ASS 0275	201	202	4	< 0.01	61	1090	10	< 2	4	91	0.04	< 10	< 10	118	< 10	492
18ASS 0276	201	202	4	< 0.01	59	1310	8	2	5	81	0.05	< 10	< 10	108	< 10	402
18ASS 0277	201	202	4	< 0.01	62	1110	10	< 2	5	88	0.04	< 10	< 10	104	< 10	470
18ASS 0278	201	202	6	< 0.01	74	1170	10	2	4	101	0.03	< 10	< 10	119	< 10	574
18ASS 0279	201	202	3	< 0.01	50	980	10	2	4	81	0.03	< 10	< 10	83	< 10	360
18ASS 0280	201	202	4	< 0.01	54	1040	8	< 2	4	80	0.04	< 10	< 10	90	< 10	414
18ASS 0282	201	202	4	< 0.01	56	1280	8	< 2	5	89	0.03	< 10	< 10	91	< 10	426
18ASS 0283	201	202	3	< 0.01	56	1410	10	< 2	4	88	0.04	< 10	< 10	86	< 10	442
18ASS 0285	201	202	3	< 0.01	14	1000	12	< 2	< 1	38	0.01	< 10	< 10	72	< 10	58
18ASS 0286	201	202	6	< 0.01	20	550	8	2	2	42	0.01	< 10	< 10	108	< 10	108
18ASS 0287	201	202	5	< 0.01	25	640	8	< 2	2	73	0.01	< 10	< 10	88	< 10	104
18ASS 0288	201	202	2	< 0.01	16	960	14	2	2	82	0.01	< 10	< 10	76	< 10	18
18ASS 0289	201	202	4	< 0.01	13	770	8	< 2	1	44	< 0.01	< 10	< 10	92	< 10	16
18ASS 0292	201	202	4	< 0.01	18	790	12	< 2	1	60	0.01	< 10	< 10	65	< 10	58
18ASS 0293	201	202	3	< 0.01	22	860	10	< 2	3	67	0.01	< 10	< 10	74	< 10	80
18ASS 0294	201	202	4	< 0.01	28	770	10	2	3	60	0.02	< 10	< 10	102	< 10	124
18ASS 0295	201	202	3	< 0.01	30	930	12	< 2	4	69	0.03	< 10	< 10	74	< 10	144
18ASS 0296	201	202	3	0.01	32	1010	12	< 2	4	72	0.04	< 10	< 10	82	< 10	128
18ASS 0297	201	202	3	< 0.01	28	940	10	< 2	3	67	0.03	< 10	< 10	68	< 10	112
18ASS 0298	201	202	6	< 0.01	37	1090	22	2	4	145	< 0.01	< 10	< 10	47	< 10	118
18DSS 0299	201	202	< 1	< 0.01	21	550	8	< 2	2	12	0.05	< 10	< 10	54	< 10	62
18DSS 0300	201	202	< 1	< 0.01	31	570	8	< 2	3	14	0.08	< 10	< 10	58	< 10	64
18DSS 0302	201	202	1	< 0.01	31	570	8	< 2	5	22	0.11	< 10	< 10	75	< 10	72
18DSS 0303	201	202	1	< 0.01	38	680	6	< 2	5	50	0.09	< 10	< 10	63	< 10	84
18DSS 0304	201	202	1	< 0.01	53	760	8	2	6	45	0.12	< 10	< 10	74	< 10	80
18DSS 0305	201	202	< 1	< 0.01	39	650	6	< 2	5	48	0.07	< 10	< 10	60	< 10	70
18DSS 0306	201	202	2	< 0.01	34	1030	6	< 2	4	85	0.04	< 10	< 10	55	< 10	62
18DSS 0307	201	202	1	< 0.01	44	740	6	< 2	6	51	0.08	< 10	< 10	65	< 10	84
18DSS 0308	201	202	1	< 0.01	35	950	4	< 2	3	114	0.05	< 10	< 10	49	< 10	76
18DSS 0309	201	202	1	< 0.01	46	680	6	2	5	63	0.09	< 10	< 10	64	< 10	96
18DSS 0310	201	202	2	< 0.01	42	790	6	< 2	5	60	0.07	< 10	< 10	61	< 10	88
18DSS 0312	201	202	1	< 0.01	49	640	2	< 2	5	58	0.11	< 10	< 10	65	< 10	84
18DSS 0314	201	202	1	< 0.01	55	740	4	< 2	7	75	0.14	< 10	< 10	77	< 10	84

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 07-OCT-97
Invoice No. :I9744863
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744863

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
18DSS 0316	201	202	< 5	< 0.2	2.24	< 2	280	< 0.5	< 2	1.32	< 0.5	24	77	89	3.89	< 10	300	0.04	10	1.99	490
18DSS 0317	201	202	< 5	0.2	1.98	6	280	< 0.5	< 2	1.38	< 0.5	19	65	110	3.32	< 10	370	0.05	10	1.35	445
18DSS 0319	201	202	< 5	< 0.2	2.17	< 2	310	< 0.5	< 2	1.29	< 0.5	21	98	79	3.66	< 10	440	0.05	10	1.75	430
18DSS 0320	201	202	< 5	1.4	0.87	< 2	360	< 0.5	< 2	2.22	1.0	8	23	164	1.31	< 10	350	0.05	10	0.48	900
18DSS 0321	201	202	< 5	0.4	2.27	< 2	350	< 0.5	< 2	1.44	< 0.5	24	103	108	4.14	< 10	610	0.09	10	1.91	685
18DSS 0323	201	202	< 5	< 0.2	2.56	6	210	0.5	< 2	0.19	< 0.5	14	41	34	3.65	< 10	10	0.07	10	0.78	545
18DSS 0325	201	202	< 5	< 0.2	1.66	6	190	< 0.5	< 2	0.13	< 0.5	7	49	20	2.38	< 10	10	0.03	10	0.58	225
18DSS 0326	201	202	< 5	< 0.2	1.24	6	150	< 0.5	< 2	0.08	0.5	6	35	47	2.74	< 10	40	0.06	10	0.30	275
18DSS 0327	201	202	< 5	0.2	1.12	2	230	< 0.5	< 2	0.18	< 0.5	8	37	55	2.71	< 10	100	0.07	10	0.26	385
18DSS 0328	201	202	< 5	0.2	1.34	4	210	< 0.5	< 2	0.71	< 0.5	7	41	63	2.61	< 10	140	0.06	10	0.39	210
18DSS 0331	201	202	< 5	< 0.2	2.09	< 2	440	< 0.5	< 2	1.20	< 0.5	17	80	55	3.06	< 10	180	0.04	10	1.14	505
18DSS 0332	201	202	< 5	< 0.2	2.05	< 2	290	< 0.5	< 2	1.54	< 0.5	17	67	68	2.87	< 10	190	0.04	20	1.15	630
18DSS 0333	201	202	< 5	< 0.2	2.47	< 2	330	< 0.5	< 2	1.25	< 0.5	23	91	66	3.61	< 10	140	0.05	10	1.70	635
18DSS 0334	201	202	< 5	< 0.2	2.10	< 2	320	< 0.5	< 2	1.53	< 0.5	18	74	60	2.87	< 10	140	0.04	10	1.31	590
18DSS 0335	201	202	< 5	0.2	1.68	< 2	280	< 0.5	< 2	1.13	< 0.5	13	61	50	2.54	< 10	110	0.07	10	0.97	510
18DSS 0336	201	202	< 5	0.2	1.85	2	280	< 0.5	< 2	1.46	< 0.5	15	65	57	2.59	< 10	200	0.04	10	1.16	530
18DSS 0337	201	202	< 5	< 0.2	2.09	< 2	310	< 0.5	< 2	1.27	< 0.5	16	70	55	2.89	< 10	190	0.05	10	1.26	535
18DSS 0338	201	202	< 5	< 0.2	2.29	< 2	290	< 0.5	< 2	1.04	0.5	19	72	61	3.12	< 10	290	0.07	10	1.26	700
18DSS 0339	201	202	< 5	0.2	2.51	< 2	410	0.5	< 2	1.03	< 0.5	21	67	77	3.24	< 10	320	0.07	10	1.03	1195
18DSS 0340	201	202	30	0.8	1.88	8	390	0.5	< 2	1.25	0.5	16	61	334	3.45	< 10	440	0.11	10	1.12	495
18DSS 0341	201	202	< 5	0.2	1.68	< 2	310	< 0.5	< 2	0.25	< 0.5	12	53	105	2.87	< 10	190	0.07	10	0.57	405
18DSS 0342	201	202	20	0.8	2.05	4	380	0.5	< 2	1.47	0.5	16	67	227	3.54	< 10	480	0.11	10	1.21	705
19ASS 009	201	202	< 5	2.0	1.05	24	530	0.5	< 2	0.89	4.5	9	38	98	2.52	< 10	390	0.16	10	0.34	440
19ASS 010	201	202	< 5	< 0.2	2.34	4	290	0.5	< 2	0.12	< 0.5	13	32	43	3.40	< 10	20	0.14	10	0.50	295
19ASS 011	201	202	< 5	< 0.2	2.74	12	200	< 0.5	< 2	0.07	< 0.5	10	35	54	3.86	< 10	50	0.06	< 10	0.30	245
19ASS 013	201	202	< 5	1.0	0.93	14	590	0.5	< 2	0.69	3.0	7	31	67	2.39	< 10	350	0.17	10	0.31	430
19ASS 015	201	202	< 5	0.8	1.28	12	630	0.5	< 2	0.51	0.5	6	27	48	2.12	< 10	320	0.11	10	0.40	420
19ASS 016	201	202	10	0.8	1.05	4	580	< 0.5	< 2	0.67	1.5	9	20	38	1.93	< 10	270	0.10	< 10	0.35	1175
19ASS 017	201	202	< 5	0.8	1.05	14	700	0.5	< 2	0.55	0.5	9	20	59	3.13	< 10	440	0.17	10	0.30	610
19ASS 018	201	202	< 5	0.2	1.82	12	600	0.5	< 2	0.11	< 0.5	24	25	83	6.80	< 10	40	0.13	< 10	0.35	290
19ASS 019	201	202	< 5	< 0.2	1.76	10	320	< 0.5	< 2	0.10	< 0.5	9	19	41	4.55	< 10	10	0.10	10	0.24	400
19ASS 020	201	202	< 5	0.2	1.54	12	730	0.5	< 2	0.25	< 0.5	9	24	62	3.27	< 10	270	0.13	10	0.36	265
19ASS 021	201	202	< 5	0.6	1.31	10	400	< 0.5	< 2	0.34	1.5	6	26	40	1.97	< 10	230	0.10	10	0.38	135
19CS 0001	201	202	15	0.6	1.95	10	1680	0.5	< 2	0.91	2.0	23	57	122	5.24	< 10	530	0.14	10	0.90	940
19CS 0002	201	202	15	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss
19CS 0029	201	202	< 5	2.6	0.72	8	1010	0.5	< 2	2.02	11.5	6	31	114	1.50	< 10	920	0.09	< 10	0.61	225
19CSS 0003	201	202	20	1.0	0.78	12	1460	0.5	< 2	0.51	0.5	19	21	174	4.61	< 10	650	0.12	10	0.10	655
19CSS 0004	201	202	< 5	4.4	0.49	24	600	0.5	< 2	0.77	9.5	4	40	153	1.47	< 10	1570	0.12	< 10	0.20	130
19CSS 0005	201	202	< 5	0.2	1.17	2	420	0.5	< 2	0.55	< 0.5	14	16	58	3.95	< 10	300	0.16	< 10	0.25	315
19CSS 0006	201	202	< 5	0.2	0.87	2	740	< 0.5	< 2	0.74	1.0	8	13	38	2.62	< 10	490	0.10	< 10	0.33	100

CERTIFICATION:_____

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To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 07-OCT-97
Invoice No. :I9744863
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9744863

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
18DSS 0316	201	202	1	< 0.01	88	710	8	2	9	72	0.17	< 10	< 10	88	< 10	102
18DSS 0317	201	202	3	< 0.01	70	920	6	2	8	83	0.07	< 10	< 10	67	< 10	116
18DSS 0319	201	202	1	< 0.01	81	1010	4	< 2	10	70	0.11	< 10	< 10	74	< 10	112
18DSS 0320	201	202	1	0.01	24	1100	2	< 2	1	118	0.01	< 10	< 10	34	< 10	54
18DSS 0321	201	202	2	< 0.01	89	1210	6	< 2	10	82	0.12	< 10	< 10	90	< 10	128
18DSS 0323	201	202	1	< 0.01	27	410	8	2	6	15	0.10	< 10	< 10	77	< 10	76
18DSS 0325	201	202	< 1	< 0.01	28	380	6	2	2	13	0.07	< 10	< 10	51	< 10	46
18DSS 0326	201	202	1	< 0.01	21	520	10	< 2	2	13	0.05	< 10	< 10	57	< 10	62
18DSS 0327	201	202	1	< 0.01	25	680	10	2	2	20	0.04	< 10	< 10	58	< 10	74
18DSS 0328	201	202	1	< 0.01	27	610	8	< 2	3	33	0.04	< 10	< 10	51	< 10	52
18DSS 0331	201	202	1	< 0.01	72	820	4	< 2	6	50	0.07	< 10	< 10	61	< 10	86
18DSS 0332	201	202	< 1	< 0.01	74	980	4	< 2	4	53	0.07	< 10	< 10	53	< 10	48
18DSS 0333	201	202	< 1	< 0.01	90	740	2	< 2	6	44	0.14	< 10	< 10	76	< 10	76
18DSS 0334	201	202	< 1	< 0.01	73	790	2	< 2	5	52	0.09	< 10	< 10	58	< 10	64
18DSS 0335	201	202	< 1	< 0.01	54	720	2	< 2	4	41	0.08	< 10	< 10	55	< 10	60
18DSS 0336	201	202	< 1	< 0.01	63	820	8	< 2	4	49	0.08	< 10	< 10	52	< 10	66
18DSS 0337	201	202	< 1	< 0.01	66	790	6	< 2	5	46	0.08	< 10	< 10	59	< 10	74
18DSS 0338	201	202	1	< 0.01	63	940	6	< 2	6	43	0.07	< 10	< 10	61	< 10	88
18DSS 0339	201	202	1	< 0.01	60	1080	6	< 2	6	46	0.05	< 10	< 10	64	< 10	98
18DSS 0340	201	202	3	< 0.01	76	1560	8	< 2	8	54	0.09	< 10	< 10	86	< 10	170
18DSS 0341	201	202	3	< 0.01	44	1020	14	< 2	2	25	0.03	< 10	< 10	70	< 10	112
18DSS 0342	201	202	2	< 0.01	66	1880	8	< 2	9	61	0.11	< 10	< 10	98	< 10	180
19ASS 009	201	202	18	< 0.01	66	2230	14	4	3	149	< 0.01	< 10	< 10	268	< 10	502
19ASS 010	201	202	1	< 0.01	41	260	8	2	4	22	0.04	< 10	< 10	50	< 10	134
19ASS 011	201	202	3	< 0.01	28	450	12	2	4	14	0.05	< 10	< 10	72	< 10	130
19ASS 013	201	202	9	< 0.01	44	1580	14	2	3	125	0.01	< 10	< 10	177	< 10	310
19ASS 015	201	202	3	< 0.01	27	1020	14	< 2	4	75	0.02	< 10	< 10	75	< 10	116
19ASS 016	201	202	4	< 0.01	27	880	12	< 2	3	76	0.01	< 10	< 10	53	< 10	102
19ASS 017	201	202	7	< 0.01	32	1150	22	2	4	147	0.01	< 10	< 10	58	< 10	150
19ASS 018	201	202	9	< 0.01	53	720	12	2	4	44	< 0.01	< 10	< 10	46	< 10	304
19ASS 019	201	202	3	< 0.01	17	440	8	2	3	12	0.01	< 10	< 10	41	< 10	98
19ASS 020	201	202	5	< 0.01	41	490	14	< 2	5	55	0.02	< 10	< 10	57	< 10	122
19ASS 021	201	202	3	< 0.01	27	710	12	2	4	37	0.03	< 10	< 10	102	< 10	204
19CS 0001	201	202	3	0.01	75	1480	12	< 2	9	59	< 0.01	< 10	< 10	84	< 10	194
19CS 0002	201	202	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss
19CS 0029	201	202	9	< 0.01	88	2480	10	8	3	171	< 0.01	< 10	10	264	< 10	616
19CSS 0003	201	202	4	< 0.01	62	1400	22	< 2	6	96	< 0.01	< 10	< 10	54	< 10	198
19CSS 0004	201	202	16	< 0.01	65	1340	6	6	4	104	< 0.01	< 10	10	437	< 10	346
19CSS 0005	201	202	5	< 0.01	37	350	14	< 2	5	64	< 0.01	< 10	< 10	28	< 10	92
19CSS 0006	201	202	8	< 0.01	28	720	6	2	6	73	< 0.01	< 10	< 10	56	< 10	72

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CERTIFICATE OF ANALYSIS A9744863

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
19CSS 0007	201	202	< 5	0.2	1.17	< 2	790	< 0.5	< 2	1.61	0.5	12	17	45	2.43	< 10	380	0.08	< 10	0.37	805
19CSS 0023	201	202	20	1.4	1.14	46	1020	0.5	< 2	0.26	< 0.5	25	31	151	9.69	< 10	350	0.18	10	0.18	1130
19CSS 0024	201	202	< 5	1.0	0.95	30	370	0.5	< 2	1.05	5.5	13	23	83	4.50	< 10	440	0.20	10	0.31	840
19CSS 0025	201	202	< 5	1.6	0.63	54	220	< 0.5	< 2	0.68	5.0	10	28	73	5.38	< 10	380	0.27	< 10	0.28	505
19CSS 0026	201	202	< 5	1.0	0.86	56	310	0.5	< 2	0.60	12.5	14	29	102	6.02	< 10	390	0.27	< 10	0.27	700
19CSS 0027	201	202	< 5	< 0.2	2.02	2	2740	0.5	< 2	0.80	1.5	21	46	48	4.86	< 10	330	0.13	10	0.74	530
19CSS 0028	201	202	< 5	0.6	1.37	8	1550	0.5	< 2	1.92	3.5	26	32	68	4.95	< 10	580	0.15	10	0.94	995
19DS 0002	201	202	< 5	< 0.2	2.53	< 2	260	< 0.5	< 2	1.09	< 0.5	23	185	70	3.95	< 10	140	0.08	10	2.93	310
19DS 0003	201	202	< 5	< 0.2	2.47	< 2	300	< 0.5	< 2	1.21	< 0.5	22	165	62	4.12	< 10	170	0.07	10	2.74	335
19DS 0004	201	202	< 5	< 0.2	2.04	< 2	280	< 0.5	< 2	1.27	0.5	16	113	60	3.31	< 10	1310	0.06	10	1.90	295
19DS 0007	201	202	< 5	< 0.2	2.18	< 2	290	< 0.5	< 2	1.37	0.5	18	119	59	3.45	< 10	190	0.06	10	2.10	285
19DS 0018	201	202	< 5	< 0.2	1.93	< 2	290	< 0.5	< 2	1.16	< 0.5	17	74	67	3.08	< 10	270	0.07	10	1.53	365
19DS 0019	201	202	< 5	< 0.2	1.82	< 2	240	< 0.5	< 2	0.76	< 0.5	14	52	41	2.76	< 10	120	0.06	10	1.11	335
19DSS 0001	201	202	< 5	0.2	2.06	< 2	280	0.5	< 2	1.17	0.5	17	94	78	3.21	< 10	150	0.10	10	1.75	280
19DSS 0005	201	202	< 5	< 0.2	2.13	4	270	< 0.5	< 2	1.31	< 0.5	18	117	66	3.45	< 10	210	0.06	10	2.01	290
19DSS 0006	201	202	< 5	< 0.2	2.22	< 2	280	< 0.5	< 2	1.58	< 0.5	17	118	62	3.61	< 10	150	0.05	10	2.11	300
19DSS 0008	201	202	< 5	< 0.2	2.28	< 2	300	< 0.5	< 2	1.48	< 0.5	17	113	62	3.55	< 10	150	0.05	10	2.01	340
19DSS 0009	201	202	< 5	0.2	2.11	< 2	290	< 0.5	< 2	1.49	< 0.5	16	92	67	3.25	< 10	200	0.05	10	1.63	370
19DSS 0010	201	202	< 5	< 0.2	2.02	< 2	290	< 0.5	< 2	1.47	< 0.5	19	113	56	3.37	< 10	140	0.05	10	2.11	410
19DSS 0011	201	202	< 5	< 0.2	2.15	< 2	290	< 0.5	< 2	1.35	< 0.5	21	113	58	3.56	< 10	140	0.05	10	2.11	505
19DSS 0012	201	202	< 5	0.2	2.43	< 2	280	< 0.5	< 2	1.29	< 0.5	22	110	84	3.89	< 10	170	0.05	10	2.21	490
19DSS 0013	201	202	< 5	< 0.2	2.47	< 2	300	< 0.5	< 2	1.29	< 0.5	22	112	63	3.90	< 10	170	0.05	10	2.15	450
19DSS 0014	201	202	< 5	< 0.2	2.28	< 2	300	< 0.5	< 2	1.25	< 0.5	20	100	62	3.67	< 10	140	0.05	10	1.89	440
19DSS 0015	201	202	15	< 0.2	2.19	8	350	< 0.5	< 2	1.13	< 0.5	19	82	74	3.89	< 10	270	0.07	10	1.69	535
19DSS 0016	201	202	< 5	< 0.2	1.65	2	270	< 0.5	< 2	1.16	< 0.5	16	58	56	2.94	< 10	320	0.05	10	1.15	480
19DSS 0017	201	202	< 5	< 0.2	2.09	< 2	310	0.5	< 2	0.93	< 0.5	51	176	97	6.73	< 10	390	0.06	10	2.58	1015
19DSS 0015E	201	202	< 5	0.2	1.17	4	220	0.5	< 2	0.49	< 0.5	9	21	109	2.82	< 10	130	0.07	10	0.35	295
19DSS 0016E	201	202	40	0.2	1.08	6	270	1.0	< 2	0.43	< 0.5	17	44	217	5.17	< 10	260	0.06	20	0.22	715
19DSS 0017E	201	202	< 5	< 0.2	1.92	< 2	180	0.5	< 2	1.47	< 0.5	31	11	41	6.62	< 10	130	0.03	30	1.06	945
19DSS 0018E	201	202	< 5	< 0.2	3.03	< 2	250	< 0.5	< 2	1.48	< 0.5	31	246	80	4.86	< 10	110	0.03	10	3.57	575
19DSS 0019E	201	202	< 5	< 0.2	3.73	< 2	320	< 0.5	< 2	0.85	< 0.5	40	221	101	5.33	< 10	30	0.01	< 10	4.67	695
19DSS 0016T	201	202	< 5	< 0.2	1.56	< 2	320	0.5	< 2	1.19	0.5	44	125	93	6.13	< 10	550	0.05	10	1.47	1560
UNMARKED SAMPLE	201	202	< 5	< 0.2	1.67	< 2	230	0.5	< 2	2.40	< 0.5	11	23	17	2.94	< 10	40	0.06	10	1.22	360

CERTIFICATION:_____

Chemex Labs Ltd.

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Certificate Date: 07-OCT-97
Invoice No. : I9744863
P.O. Number :
Account : PHY

CERTIFICATE OF ANALYSIS A9744863

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
19CSS 0007	201	202	1	< 0.01	24	890	4	< 2	5	161	< 0.01	< 10	< 10	47	< 10	106
19CSS 0023	201	202	12	< 0.01	86	760	28	2	9	64	< 0.01	< 10	< 10	63	< 10	476
19CSS 0024	201	202	13	0.01	65	1920	12	2	5	163	< 0.01	< 10	< 10	166	< 10	410
19CSS 0025	201	202	28	0.01	53	2700	14	6	4	231	< 0.01	< 10	< 10	268	< 10	334
19CSS 0026	201	202	23	0.01	96	2610	16	6	5	218	< 0.01	< 10	< 10	217	< 10	810
19CSS 0027	201	202	4	< 0.01	71	1360	6	2	7	68	< 0.01	< 10	< 10	119	< 10	314
19CSS 0028	201	202	7	< 0.01	99	1090	12	2	7	139	< 0.01	< 10	< 10	102	< 10	436
19DS 0002	201	202	< 1	< 0.01	122	990	6	2	7	58	0.18	< 10	< 10	77	< 10	94
19DS 0003	201	202	< 1	< 0.01	112	1030	6	< 2	7	60	0.20	< 10	< 10	84	< 10	104
19DS 0004	201	202	< 1	< 0.01	80	1020	4	< 2	6	62	0.13	< 10	< 10	68	< 10	100
19DS 0007	201	202	< 1	< 0.01	89	870	4	< 2	6	61	0.17	< 10	< 10	70	< 10	100
19DS 0018	201	202	1	< 0.01	76	770	6	< 2	7	55	0.11	< 10	< 10	60	< 10	70
19DS 0019	201	202	< 1	< 0.01	48	690	4	< 2	5	41	0.11	< 10	< 10	57	< 10	72
19DSS 0001	201	202	1	< 0.01	75	1070	8	2	5	68	0.10	< 10	< 10	66	< 10	94
19DSS 0005	201	202	1	< 0.01	85	990	4	< 2	7	64	0.11	< 10	< 10	66	< 10	100
19DSS 0006	201	202	1	< 0.01	84	940	2	< 2	7	71	0.15	< 10	< 10	74	< 10	96
19DSS 0008	201	202	< 1	< 0.01	82	920	4	< 2	7	69	0.14	< 10	< 10	72	< 10	98
19DSS 0009	201	202	1	< 0.01	73	950	6	< 2	6	70	0.08	< 10	< 10	62	< 10	88
19DSS 0010	201	202	1	< 0.01	87	860	4	< 2	5	66	0.11	< 10	< 10	64	< 10	84
19DSS 0011	201	202	< 1	< 0.01	89	830	2	< 2	6	61	0.11	< 10	< 10	68	< 10	90
19DSS 0012	201	202	1	< 0.01	102	920	2	2	7	52	0.14	< 10	< 10	76	< 10	96
19DSS 0013	201	202	< 1	< 0.01	94	940	2	2	7	57	0.15	< 10	< 10	79	< 10	100
19DSS 0014	201	202	1	< 0.01	80	880	4	< 2	7	55	0.14	< 10	< 10	76	< 10	98
19DSS 0015	201	202	3	< 0.01	66	1000	6	< 2	7	55	0.16	< 10	< 10	88	< 10	112
19DSS 0016	201	202	1	< 0.01	56	850	6	< 2	6	58	0.08	< 10	< 10	56	< 10	90
19DSS 0017	201	202	< 1	< 0.01	225	860	2	< 2	15	30	0.20	< 10	< 10	106	< 10	74
19DSS 0015E	201	202	3	< 0.01	36	1090	10	2	3	37	0.01	< 10	< 10	47	< 10	134
19DSS 0016E	201	202	5	< 0.01	70	1100	16	2	6	43	0.01	< 10	< 10	74	< 10	152
19DSS 0017E	201	202	1	< 0.01	23	1570	2	< 2	11	51	0.01	< 10	< 10	128	< 10	112
19DSS 0018E	201	202	< 1	< 0.01	181	620	8	< 2	12	48	0.18	< 10	< 10	91	< 10	68
19DSS 0019E	201	202	< 1	< 0.01	196	530	12	2	11	33	0.24	< 10	< 10	110	< 10	98
19DSS 0016T	201	202	2	< 0.01	162	840	6	< 2	10	64	0.07	< 10	< 10	90	< 10	98
UNMARKED SAMPLE	201	202	< 1	< 0.01	22	940	12	< 2	3	98	0.03	< 10	< 10	24	< 10	68

CERTIFICATION: Stuart Bichlen

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9744923

Comments: ATTN: GEORGE NICHOLSON

CERTIFICATE A9744923

(PHY) - INTERNATIONAL KODIAK RESOURCES INC.

Project:
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 3-OCT-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	1	Pulp; prev. prepared at Chemex

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
384	1	Ag g/t: Gravimetric	FA-GRAVIMETRIC	3	1000
312	1	Pb %: Conc. Nitric-HCL dig'n	AAS	0.01	100.0
316	1	Zn %: Conc. Nitric-HCL dig'n	AAS	0.01	100.0

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

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Certificate Date: 03-OCT-97
Invoice No. : I9744923
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CERTIFICATE OF ANALYSIS A9744923

SAMPLE	PREP CODE		Ag FA g/t	Pb %	Zn %							
11ER 0158	244	--	103	3.50	1.83							

CERTIFICATION:

Chemex Labs Ltd.

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

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VANCOUVER, BC
V6B 1N2

Project :
Comments: ATTN: GEORGE NICHOLSON

Page Number :1
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Certificate Date: 03-OCT-97
Invoice No. : I9744923
P.O. Number :
Account : PHY

CERTIFICATE OF ANALYSIS A9744923

SAMPLE	PREP CODE	Ag FA g/t	Pb %	Zn %
11ER 0158	244 --	103	3.50	1.83

CERTIFICATION:

Chemex Labs Ltd.

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

To: INTERNATIONAL KODIAK RESOURCES INC.

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9746105

Comments: ATTN: GEORGE NICHOLSON

CERTIFICATE A9746105

(PHY) - INTERNATIONAL KODIAK RESOURCES INC.

Project: KODIAK
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 13-OCT-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	1	Pulp; prev. prepared at Chemex

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
301	1	Cu %: Conc. Nitric-HCL dig'n	AAS	0.01	100.0

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL KODIAK RESOURCES INC. **

1210 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : KODIAK
Comments: ATTN: GEORGE NICHOLSON

Page Number :1
Total Pages :1
Certificate Date: 13-OCT-97
Invoice No. :I9746105
P.O. Number :
Account :PHY

CERTIFICATE OF ANALYSIS A9746105

SAMPLE	PREP CODE		Cu %
6BAR1	244	--	5.45

CERTIFICATION:

INTERNATIONAL PLASMA LABORATORY LTD.

CERTIFICATE OF ANALYSIS
iPL 97I0904

2036 Columbia Street
Vancouver, B.C.
Canada V5Y 3E1
Phone (604) 879-7878
Fax (604) 879-7898

Nicholson & Associates

134 Samples Out: Sep 17, 1997 In: Sep 15, 1997 [090412:30:27:79092297]

Project : PFC
Shipper : George Nicholson
Shipment: PO#:
Analysis:
Au(FA/AAS 30g) Au(g/mt) ICP(AqR)30

Comment:

CODE	AMOUNT	TYPE	PREPARATION DESCRIPTION	PULP	REJECT
B211	134	Rock	crush, split & pulverize	12M/Dis	03M/Dis

NS=No Sample Rep=Replicate M=Month Dis=Discard

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Att: Bill/George/Garth

EN	RT	CC	IN	FX
1	2	2	2	1
DL	3D	EM	BT	BL
0	0	0	0	0

Fx:403/993-6892

Analytical Summary

##	Code	Method	Units	Description	Element	Limit Low	Limit High
01	0313	FA/AAS	ppb	Au FA/AAS finish 30g	Gold	2	10000
02	0364	FAGrav	g/mt	Au FA/Grav in g/mt	Gold	0.07	1000.00
03	0721	ICP	ppm	Ag ICP	Silver	0.1	100.0
04	0711	ICP	ppm	Cu ICP	Copper	1	20000
05	0714	ICP	ppm	Pb ICP	Lead	2	20000
06	0730	ICP	ppm	Zn ICP	Zinc	1	20000
07	0703	ICP	ppm	As ICP	Arsenic	5	10000
08	0702	ICP	ppm	Sb ICP	Antimony	5	1000
09	0732	ICP	ppm	Hg ICP	Mercury	3	10000
10	0717	ICP	ppm	Mo ICP	Molydenum	1	1000
11	0747	ICP	ppm	Tl ICP (Incomplete Digestion)	Thallium	10	1000
12	0705	ICP	ppm	Bi ICP	Bismuth	2	10000
13	0707	ICP	ppm	Cd ICP	Cadmium	0.1	100.0
14	0710	ICP	ppm	Co ICP	Cobalt	1	10000
15	0718	ICP	ppm	Ni ICP	Nickel	1	10000
16	0704	ICP	ppm	Ba ICP (Incomplete Digestion)	Barium	2	10000
17	0727	ICP	ppm	W ICP (Incomplete Digestion)	Tungsten	5	1000
18	0709	ICP	ppm	Cr ICP (Incomplete Digestion)	Chromium	1	10000
19	0729	ICP	ppm	V ICP	Vanadium	2	10000
20	0716	ICP	ppm	Mn ICP	Manganese	1	10000
21	0713	ICP	ppm	La ICP (Incomplete Digestion)	Lantharum	2	10000
22	0723	ICP	ppm	Sr ICP (Incomplete Digestion)	Strontium	1	10000
23	0731	ICP	ppm	Zr ICP	Zirconium	1	10000
24	0736	ICP	ppm	Sc ICP	Scandium	1	10000
25	0726	ICP	%	Ti ICP (Incomplete Digestion)	Titanium	0.01	1.00
26	0701	ICP	%	Al ICP (Incomplete Digestion)	Aluminum	0.01	10.00
27	0708	ICP	%	Ca ICP (Incomplete Digestion)	Calcium	0.01	10.00
28	0712	ICP	%	Fe ICP	Iron	0.01	10.00
29	0715	ICP	%	Mg ICP (Incomplete Digestion)	Magnesium	0.01	10.00
30	0720	ICP	%	K ICP (Incomplete Digestion)	Potassium	0.01	10.00
31	0722	ICP	%	Na ICP (Incomplete Digestion)	Sodium	0.01	5.00
32	0719	ICP	%	P ICP	Phosphorus	0.01	5.00

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* Our liability is limited solely to the analytical cost of these analyses.

BC Certified Assayer: David Chiu

INTERNATIONAL PLASMA LABORATORY LTD.

CERTIFICATE OF ANALYSIS
iPL 97I0904

2036 Columbia Street
Vancouver, B.C.
Canada V5Y 3E1
Phone (604) 879-7878
Fax (604) 879-7898

Client : Nicholson & Associates
Project: PFC

134 Samples
134=Rock

[090412:30:27:79092297]

Out: Sep 17, 1997
In : Sep 15, 1997

Sample Name	Type	Au ppb	Au g/mt	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm
E-7 0165	Rock	14	—	0.3	37	19	128	8	<5	<3	3	<10	<2	1.0	15	41	114	<5	84
E-7 0166	Rock	3	—	0.1	33	8	63	23	6	<3	7	<10	<2	1.9	16	64	442	<5	135
E-7 0168	Rock	<2	—	0.1	42	3	51	<5	<5	<3	3	<10	<2	0.2	11	19	320	<5	53
E-7 0169	Rock	<2	—	0.1	33	5	64	30	<5	<3	4	<10	<2	0.3	19	74	120	<5	110
E-7 0170	Rock	5	—	0.1	35	3	49	<5	<5	<3	2	<10	<2	<0.1	9	16	144	<5	41
E-7 0171	Rock	7	—	0.1	65	9	48	27	7	<3	3	<10	<2	<0.1	19	53	85	<5	112
E-7 0172	Rock	3	—	0.2	91	9	29	47	<5	<3	15	<10	<2	2.2	10	97	1189	<5	221
E-7 0173	Rock	<2	—	0.1	91	5	40	<5	<5	<3	3	<10	<2	<0.1	33	72	2497	<5	78
E-7 0174	Rock	<2	—	0.3	92	27	70	34	8	<3	4	<10	<2	<0.1	61	325	191	<5	200
E-7 0175	Rock	<2	—	0.4	170	27	95	28	11	<3	3	<10	<2	<0.1	75	427	195	<5	331
E-7 0177	Rock	2	—	0.1	124	14	57	22	8	<3	1	<10	<2	<0.1	38	81	67	<5	84
E-7 0178	Rock	2	—	0.1	109	23	74	45	7	<3	2	<10	<2	0.7	32	73	205	<5	106
E-7 0179	Rock	9	—	0.2	193	16	62	77	8	<3	2	<10	<2	<0.1	38	62	34	<5	61
E-7 0181	Rock	2	—	0.2	95	7	72	<5	<5	<3	3	<10	<2	<0.1	36	43	694	<5	43
E-7 0182	Rock	<2	—	0.3	125	8	64	50	6	<3	3	<10	<2	0.4	20	36	140	<5	54
E-7 0183	Rock	<2	—	0.2	106	18	45	19	11	<3	3	<10	<2	<0.1	35	45	58	<5	109
E-7 0184	Rock	14	—	0.3	190	17	70	26	<5	<3	3	<10	<2	0.2	30	40	24	<5	46
E-7 0185	Rock	6	—	0.3	126	14	68	17	<5	<3	3	<10	<2	<0.1	38	32	51	<5	21
E-7 0186	Rock	2	—	0.1	96	19	36	<5	10	<3	4	<10	<2	<0.1	48	73	4032	<5	257
E-7 0187	Rock	4	—	0.3	116	20	44	137	7	<3	3	<10	<2	<0.1	26	5	280	<5	19
E-7 0188	Rock	5	—	0.3	100	17	57	14	7	<3	3	<10	<2	<0.1	22	13	63	<5	27
E-7 0189	Rock	27	—	0.3	490	27	66	14	<5	<3	6	<10	<2	0.1	58	51	65	<5	51
E-7 0191	Rock	8	—	0.2	79	16	196	56	<5	<3	15	<10	<2	1.7	13	152	1233	<5	226
E-7 0193	Rock	<2	—	0.1	13	<2	14	<5	6	<3	4	<10	<2	<0.1	4	24	67	<5	194
E-7 0194	Rock	3	—	0.5	60	8	70	<5	5	<3	29	<10	<2	0.2	7	34	87	<5	78
E-7 0195	Rock	46	—	0.5	144	155	514	17	<5	<3	4	<10	<2	4.0	40	59	69	<5	56
E-7 0196	Rock	<2	—	0.4	10	16	143	37	<5	<3	3	<10	<2	1.5	5	11	143	<5	96
E-7 0197	Rock	2	—	0.1	100	6	26	5	<5	<3	3	<10	<2	<0.1	35	107	457	<5	92
E-7 0198	Rock	<2	—	0.3	129	19	120	35	7	<3	3	<10	<2	1.1	46	205	8197	<5	183
E-7 0199	Rock	<2	—	0.1	24	25	62	14	<5	<3	3	<10	<2	0.7	15	10	262	<5	74
E-7 0200	Rock	2	—	0.1	11	28	61	<5	<5	<3	3	<10	<2	0.6	15	10	399	<5	90
E-7 0201	Rock	<2	—	<0.1	4	<2	8	<5	<5	<3	1	<10	<2	0.1	3	7	156	<5	178
E-7 0202	Rock	<2	—	0.1	9	4	65	<5	5	<3	2	<10	<2	0.8	8	11	173	<5	193
E-7 0203	Rock	2	—	0.1	9	<2	69	<5	5	<3	2	<10	<2	0.5	8	10	634	<5	193
E-7 0204	Rock	27	—	0.2	11	7	68	5	11	<3	5	<10	<2	0.4	10	17	473	<5	251
E-7 0205	Rock	<2	—	0.1	4	<2	42	<5	5	<3	2	<10	<2	0.3	3	12	167	<5	249
E-7 0209	Rock	<2	—	0.2	29	13	73	15	<5	<3	5	<10	<2	<0.1	17	11	333	<5	115
E-7 0212	Rock	<2	—	0.1	20	26	57	13	<5	<3	2	<10	<2	0.6	15	11	216	<5	90
E-7 0215	Rock	<2	—	0.1	89	2	46	28	6	<3	3	<10	<2	0.2	40	66	9056	<5	63
Minimum Detection		2	0.07	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1
Maximum Detection		10000	1000.00	100.0	20000	20000	20000	10000	1000	10000	1000	1000	10000	100.0	10000	10000	10000	1000	10000
Method		FA/AAS	FAGrav	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate %

INTERNATIONAL PLASMA LABORATORY LTD.

CERTIFICATE OF ANALYSIS
iPL 97I0904

2036 Columbia Street
Vancouver, B.C.
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Phone (604) 879-7878
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Client : Nicholson & Associates
Project: PFC

134 Samples
134=Rock

[090412:30:27:79092297]

Out: Sep 17, 1997
In : Sep 15, 1997

Sample Name	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
E-7 0165	77	152	20	447	7	6	0.22	1.80	0.90	2.33	1.54	1.00	0.11	0.06
E-7 0166	193	87	15	9	22	7	0.28	1.45	0.47	1.49	2.51	1.43	0.09	0.12
E-7 0168	48	331	36	23	8	2	0.17	0.93	1.03	2.59	0.85	0.58	0.12	0.20
E-7 0169	118	227	26	22	9	6	0.13	0.76	0.68	2.73	0.36	0.16	0.11	0.13
E-7 0170	30	304	40	18	8	1	0.14	0.58	1.10	3.00	0.50	0.26	0.11	0.21
E-7 0171	111	240	21	20	13	8	0.31	1.60	0.66	3.78	1.90	1.42	0.12	0.11
E-7 0172	497	95	20	25	12	7	0.15	1.67	0.92	2.03	1.49	1.00	0.10	0.16
E-7 0173	162	952	16	169	7	11	0.24	3.37	1.96	5.42	3.33	0.69	0.47	0.14
E-7 0174	94	879	10	59	4	8	0.24	2.50	1.24	5.53	6.04	0.55	0.34	0.10
E-7 0175	129	686	5	88	2	11	0.34	2.98	1.33	5.57	6.25	0.76	0.40	0.07
E-7 0177	188	283	5	74	4	11	0.43	3.46	1.13	4.59	3.02	1.67	0.29	0.12
E-7 0178	118	308	7	192	6	8	0.36	5.99	3.11	3.91	2.77	1.25	0.44	0.14
E-7 0179	223	228	3	65	3	12	0.34	4.36	1.19	5.30	2.39	1.98	0.28	0.16
E-7 0181	143	754	19	73	12	10	0.22	1.80	1.46	5.13	2.52	0.27	0.35	0.15
E-7 0182	114	404	12	140	23	9	0.23	3.69	3.21	3.88	2.72	0.23	0.69	0.13
E-7 0183	216	314	8	96	3	7	0.58	3.63	1.51	4.72	2.07	1.23	0.40	0.18
E-7 0184	140	155	12	311	2	5	0.30	5.14	2.80	4.62	1.46	0.71	0.64	0.16
E-7 0185	254	208	11	64	1	6	0.58	2.64	1.19	4.84	1.64	1.24	0.27	0.25
E-7 0186	192	677	20	78	3	12	0.92	3.33	0.98	4.93	2.98	2.23	0.23	0.19
E-7 0187	228	293	21	59	20	5	0.59	2.81	1.44	4.70	2.13	1.54	0.31	0.27
E-7 0188	187	330	11	89	17	7	0.53	2.64	1.42	5.27	1.61	1.00	0.28	0.23
E-7 0189	94	327	8	149	26	5	0.27	2.18	2.34	5.18	1.23	0.15	0.25	0.14
E-7 0191	896	115	18	98	10	5	0.20	2.80	1.32	1.73	1.01	0.87	0.12	0.06
E-7 0193	26	64	2	7	2	1	<0.01	0.21	0.10	0.63	0.03	0.04	0.02	0.04
E-7 0194	202	49	13	43	5	5	0.01	1.68	0.07	4.62	0.59	0.35	0.18	0.13
E-7 0195	101	272	15	187	9	4	0.29	3.18	2.46	3.65	1.72	0.09	0.38	0.20
E-7 0196	14	477	28	151	14	<1	0.17	3.24	7.18	0.35	0.06	0.06	0.63	0.12
E-7 0197	103	567	6	109	3	5	0.20	2.98	1.28	4.79	2.58	0.55	0.39	0.08
E-7 0198	110	543	9	198	11	8	0.23	4.29	2.60	3.65	2.17	0.40	0.75	0.09
E-7 0199	83	374	44	83	5	3	0.23	1.52	0.95	2.76	0.95	0.80	0.23	0.16
E-7 0200	68	392	46	69	7	3	0.26	1.43	0.74	2.66	0.86	0.85	0.19	0.13
E-7 0201	12	112	5	15	5	1	0.05	0.22	1.72	0.48	0.13	0.04	0.06	0.03
E-7 0202	39	301	12	31	6	2	0.14	1.02	2.08	2.48	0.59	0.06	0.08	0.04
E-7 0203	40	168	10	27	4	2	0.11	0.46	1.26	0.68	0.20	0.12	0.06	0.04
E-7 0204	56	336	24	31	7	3	0.15	0.82	0.87	1.51	0.63	0.14	0.07	0.07
E-7 0205	14	265	7	17	4	1	0.03	0.50	0.41	1.15	0.26	0.03	0.04	0.03
E-7 0209	103	404	56	168	4	4	0.28	1.98	0.97	3.26	1.07	1.04	0.31	0.14
E-7 0212	74	382	41	89	6	3	0.23	1.48	1.00	2.55	0.94	0.72	0.22	0.16
E-7 0215	200	409	16	229	3	4	0.22	4.91	2.39	4.67	3.15	0.50	0.43	0.18
Minimum Detection	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	1.00	10.00	10.00	10.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Client : Nicholson & Associates
Project: PFC

134 Samples
134=Rock

[090412:30:27:79092297]

Out: Sep 17, 1997
In : Sep 15, 1997

Sample Name	Type	Au ppb	Au g/mt	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm
1ER 0204	Rock	12	—	<0.1	46	10	91	10	<5	<3	3	<10	<2	1.5	10	25	619	<5	42
4ER 0254	Rock	2	—	<0.1	28	22	28	19	<5	<3	3	<10	<2	0.4	14	8	200	<5	79
4ER 0255	Rock	123	—	0.8	233	40	17	207	7	<3	3	<10	<2	<0.1	10	11	82	<5	57
4ER 0256	Rock	15	—	0.3	32	200	43	1993	135	5	3	<10	<2	<0.1	20	32	61	<5	96
4ER 0256 192m	Rock	<2	—	0.1	20	33	41	36	5	<3	4	<10	<2	0.5	7	4	512	5	56
4ER 0259	Rock	830	0.86	9.0	51	544	18	26%	931	<3	21	<10	180	<0.1	46	15	<2	<5	43
4ER 0268	Rock	<2	—	<0.1	28	4	19	253	11	<3	1	<10	<2	0.4	8	13	143	<5	73
4ER 0271	Rock	40	—	0.3	55	24	68	717	27	<3	5	<10	<2	0.5	10	24	81	<5	81
4ER 0272	Rock	36	—	<0.1	5	10	36	361	<5	<3	2	<10	<2	0.5	1	2	42	<5	35
5ER 0226	Rock	78	—	1.8	25	136	32	1097	66	<3	15	<10	2	0.9	2	8	337	<5	202
5ER 0227	Rock	196	—	2.5	49	1382	82	1741	851	<3	28	<10	<2	2.4	1	11	196	<5	165
5ER 0228	Rock	48	—	0.2	55	46	121	76	11	<3	3	<10	<2	1.6	11	13	296	<5	69
6ER 0181	Rock	5	—	0.1	46	8	15	62	13	<3	5	<10	<2	<0.1	4	20	196	<5	298
6ER 0182	Rock	18	—	<0.1	30	5	60	393	8	<3	3	<10	<2	0.5	4	14	271	<5	237
6ER 0183	Rock	25	—	0.2	57	9	60	38	5	<3	5	<10	<2	0.3	4	22	396	<5	282
6ER 0184	Rock	2	—	<0.1	70	12	55	41	6	<3	1	<10	<2	0.1	6	19	705	<5	76
6ER 0188	Rock	3	—	0.4	54	6	5	23	<5	<3	5	<10	<2	<0.1	1	13	917	<5	156
6ER 0190	Rock	56	—	<0.1	44	16	113	38	<5	<3	2	<10	<2	1.0	12	45	1072	<5	55
6ER 0197	Rock	4	—	<0.1	41	13	87	17	<5	<3	3	<10	<2	0.9	11	24	704	<5	41
6ER 0198	Rock	<2	—	<0.1	16	6	36	29	<5	<3	1	<10	<2	<0.1	4	15	609	<5	170
6ER 0199	Rock	<2	—	<0.1	31	8	76	<5	<5	<3	3	<10	<2	0.3	12	27	644	<5	111
9ER 0295	Rock	9	—	<0.1	28	<2	20	33	<5	<3	2	<10	<2	<0.1	2	11	324	<5	217
9ER 0315	Rock	2	—	<0.1	72	<2	93	<5	<5	<3	3	<10	<2	<0.1	8	22	216	<5	215
9ER 0318	Rock	<2	—	<0.1	19	<2	40	<5	<5	<3	2	<10	<2	<0.1	2	17	103	<5	218
9ER 0333	Rock	<2	—	<0.1	16	<2	17	<5	6	<3	5	<10	<2	<0.1	3	14	147	<5	342
11ER 0009	Rock	38	—	0.2	229	23	71	5	<5	<3	2	<10	<2	<0.1	9	26	837	<5	70
11ER 0021	Rock	<2	—	<0.1	15	<2	4	<5	<5	<3	3	<10	<2	<0.1	1	8	474	<5	278
12ER 0169	Rock	<2	—	<0.1	31	4	196	<5	<5	<3	3	<10	<2	1.5	6	24	997	<5	139
12ER 0171	Rock	<2	—	<0.1	111	2	99	<5	<5	<3	4	<10	<2	0.5	18	70	937	<5	148
12ER 0172	Rock	<2	—	<0.1	6	<2	17	10	<5	<3	2	<10	<2	0.6	3	10	187	<5	130
12ER 0176	Rock	<2	—	<0.1	96	4	101	<5	<5	<3	4	<10	<2	0.1	41	120	1944	<5	218
12ER 0184	Rock	6	—	<0.1	27	<2	48	<5	<5	<3	3	<10	<2	0.2	3	19	125	<5	150
12ER 0185	Rock	<2	—	<0.1	4	14	110	<5	<5	<3	1	<10	<2	0.4	3	8	278	<5	163
12ER 0196	Rock	<2	—	<0.1	5	7	32	<5	<5	<3	3	<10	<2	<0.1	4	9	816	<5	33
12ER 0199	Rock	5	—	<0.1	15	<2	1416	29	<5	<3	3	<10	<2	8.0	3	7	272	<5	112
12ER 0200	Rock	10	—	<0.1	46	<2	36	<5	<5	<3	2	<10	<2	0.1	3	13	126	<5	213
12ER 0213	Rock	<2	—	<0.1	<1	<2	2219	<5	<5	3	5	<10	<2	7.7	17	80	62	<5	13
12ER 0217	Rock	<2	—	<0.1	23	<2	84	<5	<5	<3	1	<10	<2	0.7	3	20	304	<5	185
12ER 0227	Rock	<2	—	<0.1	81	8	156	<5	<5	<3	3	<10	<2	0.8	8	12	1760	<5	43
Minimum Detection		2	0.07	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1
Maximum Detection		10000	1000.00	100.0	20000	20000	20000	10000	1000	10000	1000	1000	10000	100.0	10000	10000	10000	1000	10000
Method		FA/AAS	FAGrav	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate %

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134 Samples
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[090412:30:27:79092297]

Out: Sep 17, 1997
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Sample Name	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
1ER 0204	46	414	27	329	11	6	0.01	2.04	6.35	2.74	1.70	0.35	0.03	0.09
4ER 0254	58	135	34	167	14	2	0.19	1.67	0.90	2.66	0.73	0.60	0.24	0.12
4ER 0255	15	325	17	87	9	1	0.10	1.42	1.17	6.39	0.42	0.07	0.05	0.15
4ER 0256	74	400	8	16	9	7	<0.01	1.03	3.25	8.35	0.14	0.05	0.01	0.07
4ER 0256 192m	61	231	36	159	15	2	0.20	1.78	0.87	2.63	0.72	0.70	0.27	0.12
4ER 0259	15	36	7	2	31	<1	0.01	0.19	0.01	20%	0.01	0.07	<0.01	<0.01
4ER 0268	22	170	27	36	9	2	0.12	0.66	1.42	0.90	0.67	0.12	0.07	0.11
4ER 0271	57	809	18	40	10	6	<0.01	0.63	4.58	4.29	0.66	0.08	0.01	0.07
4ER 0272	6	349	16	286	6	<1	0.04	1.86	11%	0.32	0.10	0.03	0.13	0.12
5ER 0226	265	32	14	64	7	3	0.02	0.42	0.17	0.98	0.06	0.22	0.02	0.20
5ER 0227	401	35	15	44	5	2	0.01	0.39	0.09	2.62	0.06	0.25	0.02	0.30
5ER 0228	61	170	28	106	10	4	0.21	1.58	0.62	2.26	0.77	0.87	0.21	0.09
6ER 0181	19	50	2	12	3	1	<0.01	0.41	0.08	1.20	0.23	0.06	0.02	<0.01
6ER 0182	36	346	3	193	3	2	<0.01	0.45	2.32	1.66	1.47	0.07	0.02	0.03
6ER 0183	52	59	4	26	6	2	<0.01	0.98	0.08	1.78	0.61	0.21	0.02	0.03
6ER 0184	22	122	11	27	6	3	<0.01	1.43	0.08	1.88	0.69	0.47	0.03	0.02
6ER 0188	89	28	3	39	4	1	<0.01	0.41	0.04	0.58	0.05	0.15	0.02	0.03
6ER 0190	38	435	4	27	3	3	<0.01	1.11	0.05	2.17	0.33	0.31	0.02	0.05
6ER 0197	38	275	32	74	9	5	<0.01	1.93	1.91	2.64	1.42	0.42	0.02	0.08
6ER 0198	18	100	27	41	5	2	<0.01	0.98	0.39	1.43	0.72	0.20	0.06	0.13
6ER 0199	97	702	14	91	3	7	<0.01	2.20	1.67	3.86	2.24	0.05	0.03	0.10
9ER 0295	8	44	<2	15	2	1	<0.01	0.19	0.03	0.77	0.06	0.06	0.01	<0.01
9ER 0315	46	280	<2	12	2	3	<0.01	0.26	0.01	1.81	0.02	0.05	0.01	0.02
9ER 0318	13	68	<2	4	2	1	<0.01	0.20	<0.01	0.87	0.01	0.03	0.01	0.01
9ER 0333	5	56	<2	5	2	1	<0.01	0.13	0.02	0.73	0.03	0.05	0.01	<0.01
11ER 0009	92	62	7	63	7	3	<0.01	1.97	0.28	3.38	2.25	0.26	0.02	0.10
11ER 0021	11	28	<2	34	3	2	<0.01	0.11	<0.01	0.84	0.03	0.07	0.01	0.04
12ER 0169	73	267	14	10	7	3	<0.01	1.05	0.25	2.02	0.64	0.05	0.07	0.07
12ER 0171	266	1076	23	84	4	17	0.04	3.04	3.44	4.36	3.52	0.06	0.05	0.19
12ER 0172	16	482	14	58	5	1	<0.01	0.79	4.38	1.21	0.55	0.06	0.01	0.03
12ER 0176	193	1065	23	110	5	11	0.02	4.12	1.91	6.63	4.86	0.09	0.02	0.19
12ER 0184	15	230	7	15	4	1	<0.01	0.40	0.45	0.76	0.25	0.13	0.01	0.03
12ER 0185	12	213	5	15	4	1	<0.01	0.25	0.04	1.47	0.03	0.06	0.01	0.02
12ER 0196	10	499	19	522	5	3	<0.01	0.71	19%	1.35	0.52	0.16	0.02	0.12
12ER 0199	12	1199	20	219	3	1	<0.01	0.29	9.65	0.91	0.18	0.04	0.02	0.02
12ER 0200	10	66	3	8	2	1	<0.01	0.20	0.12	1.03	0.02	0.04	0.01	<0.01
12ER 0213	21	476	<2	16	9	<1	<0.01	0.10	0.20	25%	0.10	<0.01	<0.01	<0.01
12ER 0217	18	521	<2	28	2	3	<0.01	0.22	0.86	2.80	0.35	0.02	0.01	<0.01
12ER 0227	69	827	51	1040	6	5	<0.01	1.22	15%	2.21	2.83	0.27	0.08	5.3%
Minimum Detection	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	1.00	10.00	10.00	10.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Out: Sep 17, 1997
In : Sep 15, 1997

Sample Name	Type	Au ppb	Au g/mt	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm
12ER 0230	Rock	<2	—	0.1	31	27	64	13	<5	<3	4	<10	<2	0.6	13	7	319	<5	82
12ER 0231	Rock	<2	—	<0.1	26	25	49	9	8	<3	6	<10	<2	0.8	13	10	266	<5	99
12ER 0232	Rock	<2	—	<0.1	26	34	55	12	<5	<3	3	<10	<2	0.8	13	8	284	<5	98
12ER 0235	Rock	<2	—	<0.1	19	23	41	11	<5	<3	7	<10	<2	0.3	11	7	254	<5	91
12ER 0237	Rock	<2	—	0.1	12	28	145	77	<5	<3	4	<10	<2	2.6	10	10	129	<5	72
12ER 0238	Rock	<2	—	0.1	20	27	50	<5	<5	<3	4	<10	<2	0.6	13	6	339	<5	79
12ER 0240	Rock	<2	—	<0.1	26	13	63	5	<5	<3	5	<10	<2	1.0	13	8	209	<5	70
12ER 0241	Rock	<2	—	<0.1	26	67	44	9	7	5	6	<10	<2	0.4	2	3	264	<5	56
12ER 0242	Rock	8	—	6.2	215	1282	63	<5	162	3	5	<10	<2	0.6	2	1	62	<5	33
12ER 0243	Rock	<2	—	<0.1	32	63	12	130	27	3	8	<10	<2	<0.1	1	<1	304	<5	55
12ER 0246	Rock	2	—	<0.1	41	10	129	20	<5	<3	25	<10	<2	1.5	16	87	111	<5	161
12ER 0248	Rock	2	—	0.2	62	4	101	7	<5	<3	12	<10	<2	1.8	12	54	103	<5	143
12ER 0249	Rock	3	—	0.3	69	22	70	11	5	<3	3	<10	<2	0.4	22	17	190	<5	96
12ER 0253	Rock	3	—	0.4	127	13	43	5	5	<3	17	<10	<2	0.3	31	127	39	<5	126
12ER 0254	Rock	<2	—	<0.1	31	19	90	23	7	3	4	<10	<2	0.4	24	16	264	<5	100
12ER 0256	Rock	6	—	0.2	105	16	24	<5	6	<3	8	<10	<2	0.1	10	14	117	<5	116
12ER 0258	Rock	76	—	0.4	169	16	39	<5	<5	<3	8	<10	<2	<0.1	16	16	44	<5	275
12ER 0260	Rock	<2	—	0.5	72	3	61	<5	<5	<3	3	<10	<2	<0.1	27	17	83	<5	35
12ER 0262	Rock	7	—	0.5	108	11	150	65	5	<3	5	<10	<2	1.4	18	36	171	<5	144
12ER 0262 A	Rock	2	—	0.1	37	7	59	<5	<5	5	3	<10	<2	0.9	26	151	161	<5	201
13ER 0006	Rock	<2	—	<0.1	9	<2	9	<5	<5	<3	2	<10	<2	<0.1	3	9	74	<5	162
13ER 0011	Rock	<2	—	<0.1	5	<2	12	<5	<5	<3	3	<10	<2	0.1	3	6	148	<5	89
13ER 0018	Rock	<2	—	<0.1	24	28	77	<5	<5	<3	2	<10	<2	0.4	17	14	458	<5	85
13ER 0021	Rock	5	—	<0.1	6	<2	12	<5	<5	<3	3	<10	<2	0.1	4	11	30	<5	165
13ER 0026	Rock	2	—	0.1	71	38	113	<5	<5	<3	4	<10	<2	0.7	26	52	178	<5	189
13ER 0028	Rock	4	—	<0.1	61	13	70	<5	<5	<3	4	<10	<2	0.1	25	46	519	<5	304
13ER 0039	Rock	<2	—	<0.1	32	73	150	<5	<5	<3	3	<10	<2	1.6	10	19	85	<5	62
13ER 0041	Rock	8	—	<0.1	18	<2	11	<5	<5	<3	4	<10	<2	<0.1	5	11	76	<5	163
13ER 0042	Rock	5	—	0.1	13	3	3	<5	<5	<3	1	<10	<2	<0.1	1	6	88	<5	195
13ER 0046	Rock	<2	—	<0.1	94	6	87	13	5	<3	2	<10	<2	0.3	41	68	1125	<5	113
14ER 0001	Rock	<2	—	<0.1	5	16	78	10	<5	<3	3	<10	<2	0.5	13	10	739	<5	117
14ER 0002	Rock	<2	—	<0.1	6	20	83	8	<5	<3	2	<10	<2	0.8	13	10	780	<5	72
14ER 0003	Rock	<2	—	<0.1	22	21	69	7	<5	<3	14	<10	<2	1.3	10	8	398	<5	102
14ER 0004	Rock	<2	—	0.2	10	23	94	33	<5	<3	3	<10	<2	0.2	14	10	647	<5	94
14ER 0005	Rock	<2	—	0.1	4	29	101	8	<5	<3	3	<10	<2	0.3	15	10	822	<5	105
14ER 0006	Rock	<2	—	0.1	5	21	96	12	5	<3	3	<10	<2	0.2	15	11	789	<5	174
14ER 0007	Rock	2	—	0.1	5	31	88	13	<5	<3	4	<10	<2	0.5	11	10	651	<5	78
15ER 0125	Rock	7	—	0.3	36	14	144	<5	<5	<3	3	<10	<2	<0.1	50	48	118	<5	26
15ER 0126	Rock	2	—	0.2	39	38	136	<5	<5	<3	3	<10	<2	0.6	24	8	415	<5	23
Minimum Detection		2	0.07	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1
Maximum Detection		10000	1000.00	100.0	20000	20000	20000	10000	1000	10000	1000	1000	10000	100.0	10000	10000	10000	1000	10000
Method		FA/AAS	FAGrav	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate %

INTERNATIONAL PLASMA LABORATORY LTD.

CERTIFICATE OF ANALYSIS
iPL 97I0904

2036 Columbia Street
Vancouver, B.C.
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Client : Nicholson & Associates
Project: PFC

134 Samples
134=Rock

[090412:30:27:79092297]

Out: Sep 17, 1997
In : Sep 15, 1997

Sample Name	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
12ER 0230	68	465	43	99	11	4	0.22	1.47	1.06	2.71	0.75	0.84	0.21	0.17
12ER 0231	55	254	46	79	9	4	0.21	1.57	0.96	2.61	0.82	0.88	0.18	0.13
12ER 0232	68	481	42	94	5	4	0.23	1.53	0.83	2.75	0.70	0.85	0.25	0.12
12ER 0235	53	468	55	51	10	5	0.17	1.11	0.56	2.33	0.51	0.59	0.16	0.12
12ER 0237	60	791	101	31	7	11	<0.01	0.80	3.04	2.98	0.17	0.10	0.02	0.14
12ER 0238	66	469	42	106	4	5	0.21	1.41	0.77	2.73	0.60	0.77	0.20	0.11
12ER 0240	70	428	57	69	8	5	0.19	1.24	0.69	2.64	0.65	0.76	0.15	0.13
12ER 0241	41	44	24	99	10	4	<0.01	0.90	0.03	2.68	0.02	0.01	0.02	0.08
12ER 0242	9	1135	12	156	4	1	<0.01	0.26	12%	3.29	4.78	0.11	0.02	0.03
12ER 0243	42	28	22	129	11	1	<0.01	0.72	0.14	3.58	0.05	<0.01	0.01	0.05
12ER 0246	506	87	13	33	5	4	0.04	2.01	0.58	2.73	0.79	0.43	0.07	0.15
12ER 0248	332	81	11	14	5	4	0.03	1.72	0.37	2.75	0.87	0.30	0.06	0.14
12ER 0249	110	395	36	150	7	5	0.27	2.12	1.51	3.30	1.03	1.00	0.33	0.17
12ER 0253	253	88	11	24	9	6	0.01	1.77	0.77	5.57	1.00	0.42	0.06	0.35
12ER 0254	120	399	39	207	6	8	0.30	2.97	1.72	3.78	1.76	1.20	0.45	0.20
12ER 0256	57	141	44	49	3	3	0.13	1.36	0.70	3.16	0.94	0.60	0.18	0.14
12ER 0258	141	134	21	23	5	3	0.14	0.55	0.59	6.15	0.44	0.35	0.10	0.09
12ER 0260	144	143	17	49	2	7	0.14	1.71	0.73	6.04	1.28	0.35	0.25	0.23
12ER 0262	254	170	23	406	4	8	0.19	6.25	3.24	3.56	1.22	0.82	0.68	0.22
12ER 0262 A	94	1031	4	200	4	12	<0.01	0.55	9.66	4.90	4.51	<0.01	0.02	0.02
13ER 0006	11	239	4	8	6	1	<0.01	0.18	0.09	1.08	0.04	0.05	0.01	0.03
13ER 0011	10	866	8	789	2	1	<0.01	0.16	14%	0.79	0.16	0.02	0.02	0.04
13ER 0018	80	829	31	101	19	10	0.17	1.67	2.43	3.50	1.46	0.45	0.06	0.14
13ER 0021	17	199	6	71	3	1	<0.01	0.33	1.47	1.03	0.25	0.02	0.02	0.08
13ER 0026	98	987	42	81	7	24	<0.01	0.66	6.22	4.03	0.19	0.13	0.02	0.20
13ER 0028	125	925	35	405	16	17	0.11	1.67	4.73	4.40	3.10	0.66	0.04	0.16
13ER 0039	62	185	24	18	8	13	<0.01	1.02	0.41	2.23	0.06	0.11	0.01	0.18
13ER 0041	12	109	9	8	4	1	<0.01	0.25	0.04	1.18	0.02	0.10	0.01	0.02
13ER 0042	4	27	4	14	2	<1	<0.01	0.10	0.04	0.39	0.02	0.05	0.01	<0.01
13ER 0046	186	823	15	45	23	14	0.41	4.67	2.25	5.95	4.28	0.20	0.04	0.14
14ER 0001	70	453	40	199	5	4	0.29	2.19	0.94	2.57	0.94	0.92	0.25	0.10
14ER 0002	67	474	42	134	6	3	0.27	2.01	0.80	2.48	0.90	0.89	0.19	0.09
14ER 0003	45	337	39	106	7	2	0.21	1.44	0.63	2.00	0.58	0.65	0.18	0.08
14ER 0004	78	720	45	107	8	9	0.20	2.37	1.47	3.38	1.37	0.75	0.15	0.10
14ER 0005	85	713	44	127	12	7	0.31	2.29	1.56	3.20	1.27	1.02	0.19	0.10
14ER 0006	88	751	37	136	13	9	0.30	2.50	1.67	3.38	1.36	1.00	0.22	0.10
14ER 0007	58	208	36	122	11	2	0.24	1.71	0.84	1.64	0.71	0.79	0.25	0.12
15ER 0125	184	316	19	34	6	7	0.26	3.36	1.25	4.98	2.55	1.52	0.39	0.22
15ER 0126	99	288	23	36	5	5	0.19	1.97	1.29	3.70	1.41	0.83	0.26	0.24
Minimum Detection	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	1.00	10.00	10.00	10.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

--=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate %

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CERTIFICATE OF ANALYSIS
iPL 97I0904

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Client : Nicholson & Associates
Project: PFC

134 Samples
134=Rock

[090412:30:27:79092297]

Out: Sep 17, 1997
In : Sep 15, 1997

Sample Name	Type	Au ppb	Au g/mt	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm
15ER 0127	Rock	<2	—	0.1	13	12	60	<5	<5	<3	4	<10	<2	<0.1	15	9	907	<5	44
15ER 0128	Rock	<2	—	<0.1	7	20	78	13	<5	<3	3	<10	<2	0.7	12	9	642	<5	97
15ER 0129	Rock	2	—	<0.1	5	18	88	7	<5	<3	2	<10	<2	0.5	11	8	336	<5	82
15ER 0130	Rock	<2	—	0.1	24	19	72	14	<5	<3	11	<10	<2	0.7	9	8	551	<5	92
15ER 0131	Rock	6	—	<0.1	5	23	106	14	<5	<3	2	<10	<2	0.4	12	10	471	<5	90
15ER 0132	Rock	3	—	0.7	41	98	63	5	<5	<3	3	<10	<2	<0.1	15	25	291	<5	72
15ER 0133	Rock	4	—	0.2	47	20	46	<5	<5	<3	3	<10	<2	<0.1	10	18	402	<5	139
15ER 0134	Rock	7	—	0.1	36	9	114	9	<5	<3	4	<10	<2	0.2	39	29	184	<5	50
15ER 0135	Rock	2	—	0.3	94	26	103	10	<5	<3	3	<10	<2	0.5	29	45	303	<5	63
16ER 0037	Rock	<2	—	0.8	283	96	149	46	52	<3	6	<10	<2	1.5	39	70	59	<5	58
16ER 0048	Rock	2	—	0.1	33	18	53	6	7	<3	3	<10	<2	0.6	20	17	428	<5	80
16ER 0049	Rock	<2	—	0.1	15	36	99	<5	6	<3	3	<10	<2	0.6	14	11	970	12	116
16ER 0058	Rock	<2	—	0.1	7	37	73	5	6	<3	2	<10	<2	0.4	9	10	326	<5	90
16ER 0095	Rock	11	—	0.3	90	12	72	8497	19	<3	1	<10	<2	0.9	12	11	21	<5	45
16ER 0102	Rock	2	—	0.1	3	8	14	197	<5	<3	2	<10	<2	0.7	11	20	112	33	25
16ER 0103	Rock	2	—	0.2	33	20	34	6311	9	<3	4	<10	<2	1.2	13	12	25	<5	64
16ER 0116	Rock	6	—	0.2	14	17	21	145	9	<3	3	<10	<2	0.9	11	20	73	<5	37
Minimum Detection		2	0.07	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1
Maximum Detection		10000	1000.00	100.0	20000	20000	20000	10000	1000	10000	1000	1000	10000	100.0	10000	10000	10000	1000	10000
Method		FA/AAS	FAGrav	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate %

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iPL 97I0904

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Client : Nicholson & Associates
Project: PFC

134 Samples
134=Rock

[090412:30:27:79092297]

Out: Sep 17, 1997
In : Sep 15, 1997

Sample Name	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
15ER 0127	87	253	26	15	7	7	0.18	2.18	1.00	4.14	1.44	1.09	0.21	0.23
15ER 0128	60	365	32	130	6	3	0.25	1.94	0.80	2.26	0.75	0.91	0.26	0.09
15ER 0129	67	634	37	178	6	8	0.17	2.08	1.71	2.94	1.12	0.41	0.12	0.09
15ER 0130	50	541	32	87	11	7	0.13	1.59	1.77	2.72	0.88	0.58	0.10	0.08
15ER 0131	66	759	43	193	10	8	0.12	2.28	2.17	3.16	1.23	0.61	0.10	0.09
15ER 0132	145	783	10	15	4	11	0.23	2.87	0.42	4.58	1.38	1.17	0.08	0.12
15ER 0133	98	445	11	19	7	7	0.26	1.85	0.29	3.06	1.07	1.21	0.09	0.03
15ER 0134	162	456	24	67	6	9	0.27	3.19	1.90	4.67	2.15	0.99	0.56	0.23
15ER 0135	168	305	16	70	6	6	0.24	2.95	1.14	3.93	1.72	1.05	0.29	0.13
16ER 0037	68	145	7	141	21	1	0.12	3.53	1.79	3.92	1.34	0.49	0.32	0.10
16ER 0048	88	339	32	126	26	5	0.26	1.91	1.23	2.89	1.29	0.69	0.13	0.15
16ER 0049	71	448	38	65	31	9	0.25	1.85	0.69	3.24	1.15	0.98	0.12	0.10
16ER 0058	63	530	44	84	14	9	0.11	2.41	1.00	3.42	1.50	0.29	0.06	0.10
16ER 0095	7	333	14	86	3	1	0.04	1.19	6.19	1.42	0.27	0.05	0.17	0.09
16ER 0102	13	136	10	83	4	1	0.10	1.78	5.87	0.29	0.14	0.06	0.53	0.08
16ER 0103	101	643	52	126	3	18	<0.01	1.22	7.02	2.37	2.32	0.01	0.02	0.18
16ER 0116	18	397	16	441	4	2	0.02	2.11	9.76	1.41	1.19	0.13	0.12	0.05
Minimum Detection	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	1.00	10.00	10.00	10.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate %

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CERTIFICATE OF ANALYSIS
iPL 97I0915

Nicholson & Associates

Project : PFC
Shipper : George Nicholson
Shipment: PO#:
Analysis:
Au(AqR/Ext/AAS/10g) ICP(AqR)29 Hg

Comment:

758 Samples

Out: Sep 26, 1997 In: Sep 16, 1997 [091510:20:28:79092997]

CODE	AMOUNT	TYPE	PREPARATION DESCRIPTION	PULP	REJECT
B121	753	Silt	Dry & sift to -80 mesh, no reject.	12M/Dis	00M/Dis
B851	2	No Sampl	No sample		
B111	3	Soil	Dry & sift to -80 mesh, discard reject.	12M/Dis	00M/Dis

NS=No Sample Rep=Replicate M=Month Dis=Discard

Document Distribution

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DL	3D	EM	BT	BL
0	0	0	0	0

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Analytical Summary

##	Code	Method	Units	Description	Element	Limit Low	Limit High
01	0513	GeoSp	ppb	Au AqR/Ext/AAS 10g	Gold	5	9999
02	0721	ICP	ppm	Ag ICP	Silver	0.1	99.9
03	0711	ICP	ppm	Cu ICP	Copper	1	20000
04	0714	ICP	ppm	Pb ICP	Lead	2	20000
05	0730	ICP	ppm	Zn ICP	Zinc	1	20000
06	0703	ICP	ppm	As ICP	Arsenic	5	9999
07	0702	ICP	ppm	Sb ICP	Antimony	5	999
08	0520	CVA	ppb	Hg Cold Vapor/AAS	Mercury	5	9999
09	0717	ICP	ppm	Mo ICP	Molydenum	1	999
10	0747	ICP	ppm	Tl ICP (Incomplete Digestion)	Thallium	10	999
11	0705	ICP	ppm	Bi ICP	Bismuth	2	9999
12	0707	ICP	ppm	Cd ICP	Cadmium	0.1	99.9
13	0710	ICP	ppm	Co ICP	Cobalt	1	9999
14	0718	ICP	ppm	Ni ICP	Nickel	1	9999
15	0704	ICP	ppm	Ba ICP (Incomplete Digestion)	Barium	2	9999
16	0727	ICP	ppm	W ICP (Incomplete Digestion)	Tungsten	5	999
17	0709	ICP	ppm	Cr ICP (Incomplete Digestion)	Chromium	1	9999
18	0729	ICP	ppm	V ICP	Vanadium	2	9999
19	0716	ICP	ppm	Mn ICP	Manganese	1	9999
20	0713	ICP	ppm	La ICP (Incomplete Digestion)	Lanthanum	2	9999
21	0723	ICP	ppm	Sr ICP (Incomplete Digestion)	Strontium	1	9999
22	0731	ICP	ppm	Zr ICP	Zirconium	1	9999
23	0736	ICP	ppm	Sc ICP	Scandium	1	9999
24	0726	ICP	%	Ti ICP (Incomplete Digestion)	Titanium	0.01	1.00
25	0701	ICP	%	Al ICP (Incomplete Digestion)	Aluminum	0.01	9.99
26	0708	ICP	%	Ca ICP (Incomplete Digestion)	Calcium	0.01	9.99
27	0712	ICP	%	Fe ICP	Iron	0.01	9.99
28	0715	ICP	%	Mg ICP (Incomplete Digestion)	Magnesium	0.01	9.99
29	0720	ICP	%	K ICP (Incomplete Digestion)	Potassium	0.01	9.99
30	0722	ICP	%	Na ICP (Incomplete Digestion)	Sodium	0.01	5.00
31	0719	ICP	%	P ICP	Phosphorus	0.01	5.00

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* Our liability is limited solely to the analytical cost of these analyses.

BC Certified Assayer: David Chiu

INTERNATIONAL PLASMA LABORATORY LTD.

CERTIFICATE OF ANALYSIS

iPL 97I0915

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Client : Nicholson & Associates
Project: PFC

758 Samples
753=Silt 2=No Sample 3=Soil

[091510:20:28:79092997]

Out: Sep 26, 1997
In : Sep 16, 1997

Sample Name		Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppb	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
01ES 0161	L	<	0.3	77	9	111	<	7	155	4	<	<	<	38	103	741	<	130	143	1256	16	35	1	10	0.04	2.29	0.76	5.73	2.24	0.05	0.02	0.11
01ES 0162	L	<	0.2	17	7	59	8	<	40	2	<	<	0.6	10	20	232	<	24	39	410	7	20	<	1	0.01	1.18	0.40	2.00	0.37	0.03	0.02	0.08
01ES 0163	L	<	0.4	34	8	149	<	<	110	3	<	<	1.5	11	47	263	<	26	44	362	12	44	1	1	0.01	1.09	0.87	2.98	0.50	0.07	0.02	0.18
01ES 0164	L	<	0.2	26	6	88	<	<	125	3	<	<	0.7	9	45	272	<	27	42	190	11	39	1	1	0.01	1.11	0.85	2.34	0.43	0.05	0.02	0.14
01ES 0165	L	<	0.2	16	9	70	10	<	65	2	<	<	0.6	6	21	206	<	26	44	175	11	16	<	1	0.02	1.36	0.16	2.19	0.37	0.06	0.02	0.09
01ES 0166	L	6	0.2	29	10	105	12	<	70	2	<	<	1.2	10	33	260	<	29	48	340	18	45	<	1	0.02	1.63	0.69	2.67	0.63	0.10	0.02	0.11
01ES 0167	L	<	0.3	24	6	101	9	<	85	2	<	<	1.1	10	37	255	<	25	43	497	14	41	<	1	0.02	1.39	0.65	2.33	0.55	0.08	0.02	0.13
01ES 0168	L	7	0.4	30	7	188	<	<	135	3	<	<	0.1	10	57	529	<	26	42	270	13	60	1	2	0.02	1.26	0.75	3.14	0.52	0.05	0.02	0.10
01ES 0169	L	<	0.2	28	9	152	<	<	110	2	<	<	1.6	9	46	269	<	25	34	262	11	50	1	1	0.01	1.09	0.95	2.34	0.51	0.05	0.02	0.13
01ES 0170	L	<	0.2	31	7	150	<	<	100	2	<	<	1.6	9	43	264	<	26	36	306	12	45	1	1	0.01	1.08	0.86	2.43	0.56	0.06	0.02	0.12
01ES 0171	L	5	0.2	24	9	63	13	<	30	2	<	<	0.7	6	19	239	<	24	43	231	10	16	<	<	0.01	1.48	0.26	2.42	0.46	0.03	0.02	0.09
01ES 0172	NS N	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
01ES 0173	L	<	0.2	30	7	136	5	<	85	2	<	<	1.7	9	40	310	<	23	36	322	11	66	1	1	0.01	1.11	1.32	2.27	0.54	0.05	0.02	0.14
01ES 0174	L	<	0.2	28	6	143	6	<	100	3	<	<	1.3	9	37	266	<	25	39	303	12	52	1	1	0.01	1.12	0.81	2.29	0.52	0.07	0.02	0.12
01ES 0175	L	<	0.3	25	7	90	10	<	85	2	<	<	0.7	10	25	289	<	27	45	298	20	38	1	3	0.04	1.47	0.41	2.27	0.70	0.11	0.02	0.11
01ES 0176	L	<	0.3	36	8	107	6	<	120	3	<	<	1.3	9	37	331	<	25	41	246	14	79	1	2	0.02	1.21	1.15	2.20	0.59	0.08	0.02	0.12
01ES 0177	L	<	0.3	33	6	127	5	<	120	2	<	<	1.3	10	38	409	<	26	42	266	15	69	1	2	0.02	1.23	0.91	2.39	0.61	0.08	0.02	0.12
01ES 0178	L	<	0.3	26	4	76	10	<	80	2	<	<	0.5	7	20	278	<	23	45	187	12	32	<	1	0.01	1.42	0.42	2.11	0.51	0.06	0.02	0.09
01ES 0179	L	7	0.3	35	6	116	5	<	155	3	<	<	1.3	8	35	333	<	23	35	202	12	62	1	1	0.01	1.08	0.89	2.19	0.56	0.05	0.02	0.12
01ES 0180	L	<	0.3	37	7	118	6	<	105	3	<	<	1.0	8	30	281	<	22	38	252	13	66	1	2	0.02	1.21	0.91	2.21	0.67	0.08	0.02	0.12
01ES 0181	L	<	0.3	35	6	98	6	<	115	2	<	<	0.5	6	31	341	<	22	33	127	11	71	1	1	0.01	1.06	0.87	1.94	0.56	0.05	0.02	0.12
01ES 0182	L	8	0.4	30	7	87	11	<	175	2	<	<	1.0	8	31	281	<	23	37	243	10	41	<	2	0.02	1.21	0.53	2.05	0.45	0.05	0.02	0.07
01ES 0183	L	<	0.2	27	9	72	9	<	70	2	<	<	0.6	6	19	242	<	20	43	234	7	48	<	1	0.02	1.09	0.64	1.95	0.41	0.04	0.02	0.07
01ES 0184	L	<	0.4	35	6	113	<	<	160	2	<	<	0.9	8	38	289	<	23	37	168	11	58	1	2	0.02	1.11	0.79	2.15	0.45	0.04	0.02	0.11
01ES 0185	L	<	0.3	34	7	98	7	<	165	2	<	<	0.9	7	31	313	<	21	34	234	10	77	1	1	0.01	1.05	1.07	1.87	0.51	0.05	0.02	0.11
01ES 0186	L	<	0.4	38	8	107	27	<	175	2	<	<	1.4	13	75	329	<	38	40	499	12	73	1	2	0.01	1.26	1.07	2.29	0.53	0.05	0.02	0.12
01ES 0187	L	<	0.3	38	7	115	<	<	175	3	<	<	1.3	8	36	329	<	24	38	281	11	66	1	2	0.02	1.08	0.87	2.03	0.56	0.07	0.02	0.11
01ES 0188	L	39	0.3	34	9	123	6	<	180	2	<	<	1.4	8	33	453	<	22	38	286	11	74	1	1	0.01	1.04	0.86	2.07	0.54	0.06	0.02	0.11
01ES 0189	L	<	0.5	30	10	109	9	<	430	3	<	<	2.4	8	35	268	<	21	48	314	9	49	1	1	0.01	1.02	0.55	2.00	0.44	0.04	0.02	0.09
01ES 0190	L	10	0.4	43	9	118	6	<	230	2	<	<	1.6	8	38	385	<	23	37	231	11	83	1	1	0.01	1.02	1.08	2.05	0.56	0.06	0.02	0.11
01ES 0191	L	<	0.4	35	10	128	6	<	145	2	<	<	1.6	9	36	298	<	22	38	308	12	64	1	1	0.01	1.05	0.90	2.12	0.58	0.06	0.02	0.11
01ES 0192	L	<	0.3	27	9	68	18	<	160	2	<	<	0.6	8	24	331	<	26	56	203	11	25	<	1	0.01	1.34	0.29	2.04	0.41	0.03	0.02	0.09
01ES 0193	L	8	0.5	28	11	81	14	<	130	3	<	<	0.8	8	24	379	<	27	57	237	10	29	<	1	0.02	1.16	0.22	2.00	0.38	0.05	0.02	0.09
01ES 0194	L	5	0.4	35	8	85	15	<	210	2	<	<	0.9	10	35	708	<	28	53	186	15	43	1	2	0.01	1.46	0.50	2.16	0.49	0.04	0.02	0.12
01ES 0195	L	<	0.3	34	7	111	5	<	230	2	<	<	1.1	9	30	469	<	24	43	245	14	54	1	2	0.01	1.18	0.73	2.25	0.66	0.07	0.02	0.11
01ES 0196	L	<	0.3	37	8	107	<	<	190	2	<	<	1.0	11	24	422	<	19	35	644	16	45	2	3	<	0.97	0.67	2.38	0.62	0.06	0.02	0.09
01ES 0197	L	<	0.3	36	8	129	5	<	210	3	<	<	1.4	10	35	347	<	22	44	419	14	58	1	2	0.01	1.14	0.71	2.34	0.62	0.06	0.02	0.11
01ES 0198	L	31	0.3	32	8	110	7	<	210	3	<	<	0.7	8	29	352	<	22	40	353	10	48	1	2	0.01	1.03	0.61	1.96	0.48	0.05	0.02	0.10
01ES 0199	L	<	0.4	38	8	107	6	<	280	3	<	<	1.2	9	33	313	<	22	42	352	12	66	1	2	0.01	1.10	0.84	2.08	0.57	0.05	0.02	0.11
Min Limit		5	0.1	1	2	1	5	5	5	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*		9999	99.9	20000	20000	20000	9999	999	9999	999	999	9999	99.9	9999	9999	9999	999	9999	9999	9999	9999	9999	9999	9999	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method		GeoS	ICP	ICP	ICP	ICP	ICP	ICP	CVA	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % L=Silt N=No Sample S=Soil

INTERNATIONAL PLASMA LABORATORY LTD.

CERTIFICATE OF ANALYSIS
iPL 97I0915

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Client : Nicholson & Associates
Project: PFC

758 Samples
753=Silt 2=No Sample 3=Soil [091510:20:28:79092997]

Out: Sep 26, 1997
In : Sep 16, 1997

Sample Name		Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppb	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
01ES 0200	L	<	0.4	31	9	106	8	<	215	2	<	<	0.9	8	32	337	<	21	43	391	11	63	1	2	0.01	1.03	0.75	2.09	0.52	0.06	0.02	0.11
01ES 0201	L	6	0.4	31	9	107	5	<	275	3	<	<	0.8	9	31	388	<	20	41	289	12	54	1	2	0.01	1.13	0.62	2.12	0.64	0.07	0.02	0.10
01ES 0202	L	<	0.2	24	7	101	<	<	210	2	<	<	0.7	8	27	316	<	19	38	217	12	46	1	2	0.01	1.02	0.57	1.88	0.50	0.06	0.02	0.09
01ES 0203	L	<	0.3	30	7	109	6	<	220	2	<	<	1.0	9	30	333	<	21	45	477	12	50	1	2	0.01	1.10	0.61	1.98	0.51	0.07	0.02	0.10
02ES 0133	L	11	0.1	17	12	84	<	<	60	2	<	<	<	10	25	303	<	22	22	319	19	39	2	5	<	0.95	0.60	3.18	0.34	0.11	0.02	0.13
02ES 0134	L	<	<	17	14	89	<	<	175	2	<	<	0.8	10	23	314	<	19	19	267	16	64	3	4	<	0.70	0.92	2.82	0.37	0.08	0.02	0.13
02ES 0135	L	<	<	17	13	88	<	<	90	1	<	<	0.7	10	23	408	<	19	19	241	16	69	3	3	<	0.74	1.11	2.99	0.37	0.08	0.02	0.13
02ES 0136	L	5	0.1	16	10	79	<	<	125	1	<	<	0.7	10	23	347	<	19	18	356	14	83	2	3	<	0.77	2.54	2.79	0.42	0.08	0.02	0.12
02ES 0137	L	<	0.1	15	8	78	<	9	100	1	<	<	0.6	7	19	370	<	19	20	184	15	78	2	3	<	0.85	1.40	2.51	0.47	0.05	0.02	0.12
02ES 0138	L	<	0.1	19	13	86	<	<	125	1	<	<	<	12	25	262	<	19	21	202	16	38	2	4	<	0.82	0.77	3.19	0.28	0.07	0.02	0.12
02ES 0139	L	<	0.1	13	7	53	<	<	150	2	<	<	0.7	11	25	216	<	17	17	374	10	80	2	3	<	0.46	2.71	2.62	0.28	0.07	0.02	0.12
02ES 0140	L	<	0.2	31	14	97	<	<	190	2	<	<	0.4	13	27	365	<	19	19	314	11	100	2	3	<	0.50	2.77	3.06	0.37	0.06	0.02	0.11
02ES 0141	L	<	0.2	21	11	89	<	<	125	2	<	<	0.6	13	28	428	<	21	19	369	14	160	2	4	<	0.68	5.97	3.32	0.49	0.07	0.02	0.13
02ES 0142	L	<	0.2	20	11	81	<	<	105	2	<	<	0.7	11	24	336	<	19	19	301	13	109	2	3	<	0.70	3.37	2.84	0.45	0.07	0.02	0.11
02ES 0143	L	<	0.2	25	14	86	<	<	215	2	<	<	0.2	11	25	403	<	23	30	353	17	98	2	4	<	0.84	2.80	3.03	0.50	0.07	0.02	0.11
02ES 0144	L	<	0.2	22	10	87	<	5	130	2	<	<	0.8	11	24	383	<	19	22	324	12	111	2	3	<	0.66	3.46	2.86	0.43	0.05	0.02	0.11
02ES 0145	L	6	0.2	20	10	80	<	<	120	1	<	<	0.7	10	23	319	<	18	18	306	11	113	2	3	<	0.62	3.46	2.70	0.43	0.06	0.02	0.11
02ES 0146	L	<	0.2	22	15	78	6	<	50	2	<	<	0.7	12	27	163	<	21	29	539	14	21	1	2	0.01	1.34	0.36	2.79	0.46	0.05	0.02	0.10
02ES 0147	L	<	0.2	28	16	89	<	<	60	2	<	<	0.6	14	25	148	<	18	25	395	12	17	1	1	0.01	1.09	0.26	2.84	0.46	0.05	0.02	0.10
02ES 0148	L	<	0.2	26	9	103	6	<	120	1	<	<	1.1	9	25	375	<	24	30	328	19	65	2	3	0.01	1.23	1.13	2.62	0.68	0.07	0.02	0.12
02ES 0149	L	<	0.2	23	10	99	<	<	140	2	<	<	0.8	10	23	405	<	21	23	311	15	89	3	3	<	0.84	1.95	2.84	0.47	0.07	0.02	0.12
02ES 0150	L	<	0.2	24	8	94	5	<	95	2	<	<	0.8	9	22	355	<	22	28	340	17	65	2	3	0.01	1.16	1.14	2.43	0.64	0.07	0.02	0.11
02ES 0151	L	<	0.2	27	19	95	<	<	50	2	<	<	0.2	16	30	182	<	25	33	470	15	19	1	2	0.01	1.51	0.30	3.56	0.56	0.07	0.02	0.10
02ES 0152	L	<	0.3	33	12	109	<	<	150	1	<	<	0.3	11	31	546	<	27	38	318	28	41	2	6	0.02	1.34	0.81	3.35	0.54	0.08	0.02	0.11
02ES 0153	L	<	0.5	45	90	90	21	<	260	1	<	<	0.5	7	28	470	<	20	19	218	18	112	4	2	<	0.85	2.75	1.93	0.42	0.05	0.03	0.13
02ES 0154	L	<	1.8	97	245	101	54	6	460	1	<	<	1.0	9	53	360	<	32	18	278	15	122	4	3	<	0.77	2.34	2.05	0.55	0.07	0.04	0.13
02ES 0155	L	9	0.2	23	11	93	5	7	170	1	<	<	0.8	10	25	377	<	22	25	460	16	70	2	3	<	1.03	1.28	2.78	0.60	0.07	0.02	0.11
02ES 0156	L	<	0.2	24	16	53	13	<	170	1	<	<	0.6	5	17	452	<	18	15	270	13	123	3	2	<	0.72	2.94	1.41	0.35	0.05	0.03	0.13
02ES 0157	L	<	0.1	24	9	87	<	<	135	1	<	<	0.8	10	24	396	<	21	22	374	16	87	2	3	<	1.00	1.62	2.44	0.60	0.07	0.02	0.11
02ES 0158	L	<	0.2	20	9	70	<	<	100	1	<	<	0.6	8	24	438	<	20	23	284	25	49	2	4	<	0.95	1.11	2.68	0.38	0.06	0.02	0.10
02ES 0159	L	<	0.2	19	9	88	<	<	60	1	<	<	0.7	10	24	364	<	21	25	364	15	69	2	3	<	1.07	1.21	2.87	0.67	0.05	0.02	0.11
02ES 0160	L	6	0.1	14	<	41	<	<	185	1	<	<	0.9	5	11	389	<	12	13	403	8	138	2	1	0.01	0.62	2.93	1.06	0.40	0.07	0.03	0.12
02ES 0161	L	<	0.2	19	9	77	5	<	180	2	<	<	0.7	9	20	404	<	24	32	481	22	76	3	4	0.02	1.33	1.79	2.42	0.72	0.07	0.02	0.09
02ES 0162	L	<	0.2	22	9	97	<	<	160	2	<	<	0.8	11	25	402	<	23	29	519	19	77	2	3	<	1.22	1.26	2.93	0.71	0.07	0.02	0.12
02ES 0163	L	<	0.2	18	8	66	<	<	130	1	<	<	0.9	10	20	456	<	21	27	337	16	73	2	3	<	1.09	1.38	2.41	0.51	0.06	0.02	0.12
02ES 0164	L	<	0.2	23	9	93	<	<	170	2	<	<	1.0	11	24	336	<	23	26	364	20	83	3	4	<	1.09	1.32	2.76	0.71	0.07	0.02	0.11
02ES 0165	L	41	0.1	24	20	720	<	<	130	1	<	<	1.2	11	24	402	<	23	28	513	18	78	3	3	<	1.16	1.36	2.97	0.73	0.07	0.02	0.12
02ES 0166	L	<	0.2	18	10	70	10	<	105	1	<	<	0.9	8	23	364	<	24	34	368	13	62	1	2	0.02	1.37	1.06	2.18	0.55	0.06	0.02	0.12
02ES 0167	L	<	0.3	49	16	140	10	<	80	4	<	<	0.7	14	35	524	<	27	38	568	24	62	3	3	<	1.34	0.67	3.47	1.01	0.13	0.02	0.13
Min Limit		5	0.1	1	2	1	5	5	5	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*		9999	99.9	20000	20000	20000	9999	999	9999	999	999	9999	99.9	9999	9999	9999	999	9999	9999	9999	9999	9999	9999	9999	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method		GeoS	ICP	ICP	ICP	ICP	ICP	ICP	CVA	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % L=Silt N=No Sample S=Soil

INTERNATIONAL PLASMA LABORATORY LTD.

CERTIFICATE OF ANALYSIS
iPL 97I0915

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Client : Nicholson & Associates
Project: PFC

758 Samples
753=Silt 2=No Sample 3=Soil [091510:20:28:79092997]

Out: Sep 26, 1997
In : Sep 16, 1997

Sample Name		Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppb	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
02ES 0168	L	<	0.2	34	9	97	<	<	120	2	<	<	0.9	8	24	446	<	19	28	268	16	64	2	3	<	1.03	0.84	2.26	0.67	0.06	0.02	0.10
02ES 0169	L	<	0.4	48	11	123	6	<	105	3	<	<	0.5	14	34	454	<	25	39	611	25	48	3	4	<	1.46	0.48	3.42	1.15	0.16	0.02	0.11
02ES 0170	L	5	0.2	39	<	55	7	<	175	2	<	<	0.7	5	19	643	<	12	16	178	13	127	3	1	<	0.68	3.48	1.28	0.34	0.05	0.02	0.11
02ES 0171	L	<	0.2	26	10	95	9	<	140	2	<	<	0.8	10	24	420	<	22	28	356	20	86	3	3	<	1.20	1.33	2.62	0.73	0.09	0.02	0.11
02ES 0172	L	<	0.5	38	11	124	19	5	85	2	<	<	0.8	15	33	555	<	27	43	723	29	84	4	4	<	1.78	1.42	3.76	1.23	0.25	0.02	0.14
02ES 0173	L	<	0.6	52	7	148	10	<	510	4	<	<	0.5	19	58	1908	<	54	86	350	24	39	2	9	0.02	2.08	0.45	4.07	0.95	0.10	0.02	0.14
02WS 0174	L	15	0.5	55	8	137	12	<	420	4	<	<	0.6	21	56	1729	<	52	86	589	22	42	2	8	0.02	2.07	0.45	4.07	0.92	0.10	0.02	0.14
02ES 0174A	L	5	0.2	54	6	137	9	<	230	4	<	<	0.3	19	54	1662	<	46	85	528	21	43	4	8	0.04	1.84	0.56	4.16	0.88	0.09	0.02	0.14
02ES 0175	L	7	0.3	22	10	95	<	<	105	2	<	<	0.7	10	24	371	<	22	32	268	16	61	2	3	<	1.11	0.88	2.55	0.70	0.06	0.02	0.10
02ES 0176	L	<	0.3	39	9	129	<	<	135	3	<	<	0.9	15	35	336	<	22	45	716	19	50	3	3	<	1.17	0.81	3.57	0.88	0.09	0.02	0.13
04ES 0278	L	40	4.4	161	916	452	873	109	505	4	<	3	4.7	22	47	222	<	67	65	880	28	61	2	5	0.04	1.56	0.55	3.65	0.80	0.11	0.03	0.12
04ES 0279	L	24	1.6	136	311	276	792	39	360	2	<	<	3.2	22	40	245	<	39	65	886	26	77	2	5	0.06	1.94	0.74	3.43	0.82	0.13	0.04	0.14
04ES 0280	L	47	4.4	289	919	417	1970	111	715	4	<	19	1.7	27	54	292	<	50	87	1029	39	60	1	6	0.04	2.66	0.47	4.86	1.00	0.08	0.03	0.16
04ES 0281	L	14	1.2	119	236	242	822	38	280	2	<	<	2.2	20	38	230	<	38	71	923	34	58	1	5	0.07	1.85	0.55	3.64	0.73	0.11	0.04	0.13
04ES 0282	L	19	0.9	147	179	238	981	35	200	2	<	<	1.9	19	46	281	<	43	81	821	33	63	2	6	0.10	2.27	0.61	3.83	0.85	0.15	0.04	0.14
04ES 0283	L	24	0.7	107	150	212	911	26	105	2	<	<	1.7	19	39	236	<	41	78	769	33	70	1	4	0.09	2.43	0.55	3.64	0.85	0.14	0.05	0.14
04ES 0284	L	14	3.2	260	593	416	1856	80	610	4	<	14	2.9	24	51	253	<	65	89	921	41	72	1	7	0.06	2.52	0.61	4.66	1.01	0.11	0.04	0.16
04ES 0285	L	8	0.3	20	31	80	88	6	65	2	<	<	0.4	10	24	108	<	30	63	468	12	13	1	2	0.05	2.17	0.11	3.40	0.46	0.04	0.02	0.06
04ES 0286	L	5	1.6	92	415	300	1215	148	210	2	<	<	1.8	19	37	255	<	38	74	919	33	63	1	4	0.06	2.75	0.50	4.15	0.94	0.08	0.04	0.14
04ES 0287	L	12	2.1	104	369	262	1211	106	365	2	<	5	2.0	17	32	226	<	33	59	800	29	63	1	3	0.04	2.11	0.65	3.51	0.77	0.07	0.03	0.12
04ES 0288	L	<	2.2	75	130	161	973	31	195	3	<	<	0.9	10	32	163	<	32	53	469	17	45	1	2	0.04	2.06	0.35	3.11	0.60	0.08	0.03	0.12
04ES 0289	L	23	1.8	154	326	595	1860	78	410	3	<	10	4.6	25	47	236	<	43	72	1072	42	84	1	6	0.06	2.34	0.94	4.20	0.92	0.12	0.05	0.16
04ES 0290	L	18	1.7	156	284	654	1747	63	630	3	<	8	6.4	27	52	231	<	43	72	1256	46	84	1	6	0.06	2.33	0.98	4.19	0.92	0.14	0.05	0.18
04ES 0291	L	<	1.9	164	331	589	1857	72	450	3	<	3	4.7	26	50	255	<	46	78	1148	45	88	1	7	0.07	2.55	1.06	4.28	0.98	0.13	0.05	0.16
04ES 0292	L	9	1.4	153	239	647	1667	47	395	3	<	12	5.5	28	52	247	<	43	70	1169	44	94	2	7	0.07	2.33	0.99	4.08	0.91	0.13	0.05	0.16
04ES 0293	L	14	1.4	152	235	736	1653	52	400	3	<	9	6.5	28	48	238	<	38	64	1417	42	91	1	6	0.06	2.11	0.93	3.90	0.84	0.12	0.04	0.15
04ES 0294	L	15	1.6	160	243	760	1847	49	450	3	<	14	6.0	28	51	243	<	40	65	1427	43	90	1	6	0.05	2.17	0.92	4.12	0.88	0.12	0.04	0.15
04ES 0295	L	10	1.7	143	247	571	1637	51	425	3	<	11	5.4	24	46	216	<	37	61	1055	38	78	1	5	0.04	2.01	0.84	3.83	0.83	0.09	0.04	0.15
04ES 0296	L	62	1.7	152	249	730	1708	43	445	3	<	11	6.1	27	50	234	<	40	62	1249	41	85	2	5	0.05	2.04	0.91	3.97	0.86	0.13	0.04	0.15
04ES 0297	L	24	1.9	137	301	440	1564	64	425	4	<	13	2.7	23	46	293	<	45	74	907	39	85	2	5	0.05	2.46	0.96	4.26	0.96	0.10	0.04	0.15
04ES 0299	L	32	1.7	160	252	617	1691	47	490	3	<	13	4.6	27	50	249	<	41	65	997	42	89	2	6	0.05	2.25	0.91	4.14	0.91	0.12	0.04	0.15
04ES 0300	L	30	1.9	152	331	640	1836	77	555	2	<	12	3.9	24	49	236	<	43	70	943	41	81	2	6	0.05	2.44	0.94	4.25	0.95	0.13	0.04	0.15
04ES 0301	L	32	1.8	157	260	709	1786	53	510	3	<	15	4.9	27	50	254	<	44	68	1136	43	90	1	6	0.05	2.37	0.98	4.22	0.94	0.14	0.05	0.15
04ES 0302	L	36	1.9	178	286	628	1977	57	730	4	<	19	4.9	29	59	264	<	49	76	1128	47	94	1	7	0.05	2.73	1.06	4.63	1.07	0.14	0.05	0.16
04ES 0304	L	17	2.0	154	304	604	1753	69	630	4	<	15	4.6	25	50	230	<	44	67	1101	42	78	1	6	0.05	2.42	0.93	4.13	0.93	0.14	0.04	0.14
04ES 0304A	L	31	2.0	169	345	691	1978	84	585	3	<	14	4.8	27	54	272	<	47	77	1139	45	90	1	7	0.05	2.65	1.02	4.59	1.03	0.14	0.05	0.17
04ES 0305	L	29	1.9	165	303	813	1885	68	570	3	<	13	5.4	28	57	274	<	47	73	1075	45	92	2	7	0.05	2.55	1.05	4.54	1.03	0.14	0.04	0.16
04ES 0306	L	24	1.8	130	211	525	1272	49	500	2	<	5	3.7	26	58	303	<	51	65	1244	41	89	2	6	0.05	2.12	0.92	4.00	1.09	0.15	0.04	0.14
04ES 0307	L	76	2.1	135	269	608	1402	60	540	3	<	6	3.5	25	58	287	<	52	69	1024	41	85	2	6	0.04	2.33	1.02	4.16	1.12	0.13	0.04	0.15
Min Limit		5	0.1	1	2	1	5	5	5	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*		9999	99.9	20000	20000	20000	9999	999	9999	999	999	9999	99.9	9999	9999	9999	999	9999	9999	9999	9999	9999	9999	9999	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method		GeoS	ICP	ICP	ICP	ICP	ICP	ICP	CVA	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % L=Silt N=No Sample S=Soil

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Client : Nicholson & Associates
Project: PFC

758 Samples
753=Silt 2=No Sample 3=Soil [091510:20:28:79092997]

Out: Sep 26, 1997
In : Sep 16, 1997

Sample Name		Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppb	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
04ES 0308	L	30	1.9	122	222	490	1321	49	375	4	<	6	3.3	24	55	279	<	50	65	931	38	83	2	6	0.05	2.12	0.90	3.87	1.05	0.13	0.04	0.13
04ES 0309	L	41	1.6	115	223	464	1297	55	390	3	<	2	3.3	23	50	261	<	46	63	1081	35	74	2	6	0.05	2.05	0.85	3.77	0.97	0.14	0.03	0.13
04ES 0310	L	61	1.8	127	252	426	1415	67	465	4	<	<	3.0	26	58	312	<	53	70	1679	39	80	2	6	0.05	2.32	0.91	4.19	1.11	0.13	0.04	0.14
04ES 0311	L	21	1.2	87	278	178	1034	85	270	5	<	<	0.7	18	38	273	<	44	67	923	34	48	1	4	0.04	2.23	0.39	3.77	0.85	0.07	0.03	0.10
04ES 0312	L	32	1.9	136	233	631	1378	56	475	3	<	7	4.0	24	57	288	<	50	68	1189	42	85	1	6	0.05	2.40	1.04	4.01	1.04	0.15	0.04	0.14
04ES 0313	L	26	1.8	130	262	420	1434	71	335	4	<	6	2.6	25	58	317	<	57	78	1274	44	86	1	7	0.06	2.61	0.98	4.33	1.17	0.14	0.04	0.13
04ES 0314	L	32	2.0	147	287	508	1550	73	340	4	<	5	3.0	25	61	343	<	59	81	1167	44	90	1	7	0.06	2.77	0.99	4.56	1.20	0.15	0.05	0.15
04ES 0315	L	24	1.9	128	235	448	1369	59	460	3	<	11	2.9	22	52	276	<	47	66	1060	39	81	1	6	0.04	2.28	0.97	3.90	1.00	0.12	0.04	0.14
04ES 0316	L	20	1.3	108	305	193	1368	89	280	4	<	<	0.3	19	46	290	<	51	76	929	39	55	1	5	0.05	2.49	0.49	4.22	0.98	0.09	0.03	0.11
04ES 0317	L	26	1.9	150	258	660	1569	60	745	4	<	9	4.5	27	60	308	<	54	71	1242	45	93	2	6	0.05	2.49	1.16	4.34	1.11	0.17	0.04	0.15
04ES 0318	L	26	2.0	137	231	599	1497	51	500	3	<	13	4.4	25	54	280	<	47	62	1196	40	81	2	5	0.03	2.17	1.00	3.99	1.00	0.17	0.04	0.14
04ES 0319	L	21	1.3	86	166	276	1108	49	455	4	<	<	4.4	19	31	231	<	36	61	1232	49	77	1	6	0.04	1.63	0.97	4.00	0.71	0.10	0.03	0.14
04ES 0320	L	35	3.4	661	119	165	3836	31	320	5	<	22	<	49	53	700	6	59	119	1133	64	102	2	10	0.09	2.83	0.72	6.25	1.38	0.16	0.04	0.16
04ES 0321	L	29	3.4	633	112	198	4099	36	325	3	<	19	1.4	55	45	560	10	55	106	1461	82	192	3	12	0.14	2.39	1.24	5.75	1.28	0.41	0.07	0.22
04ES 0322	L	43	3.1	631	115	200	3689	34	295	3	<	11	1.5	53	48	562	17	56	111	1275	84	170	3	11	0.15	2.46	1.29	5.82	1.29	0.41	0.08	0.26
04ES 0323	L	42	3.1	581	100	174	3737	36	305	2	<	14	1.7	54	44	540	7	54	104	1379	74	193	3	11	0.15	2.24	1.13	5.42	1.20	0.40	0.07	0.21
04ES 0324	L	21	3.6	632	100	174	3771	28	315	4	<	16	1.3	54	40	503	6	50	101	1442	74	202	3	11	0.16	2.25	1.11	5.46	1.20	0.41	0.07	0.19
04ES 0326	L	19	3.9	708	118	209	4342	41	195	3	<	16	1.9	60	47	591	11	57	113	1566	88	213	4	12	0.16	2.47	1.27	6.14	1.35	0.43	0.07	0.24
04ES 0328	L	27	3.8	609	103	177	3514	31	200	1	<	13	1.4	50	39	468	10	46	93	1394	69	175	3	10	0.13	1.97	1.07	5.16	1.09	0.36	0.06	0.20
04ES 0329	L	41	3.0	606	100	179	3538	27	105	4	<	12	0.9	51	43	558	20	51	101	1288	76	167	4	10	0.14	2.12	1.13	5.50	1.21	0.40	0.06	0.22
04ES 0330	L	66	3.6	454	104	162	3933	29	90	3	<	19	0.8	48	34	416	18	44	81	1182	73	167	2	9	0.11	1.69	1.05	4.72	1.03	0.33	0.05	0.21
04ES 0331	L	55	3.8	567	115	202	4904	39	105	5	<	26	1.2	61	40	496	16	53	99	1538	89	223	3	12	0.14	2.14	1.22	5.60	1.25	0.43	0.07	0.23
04ES 0332	L	11	2.9	713	132	195	1491	44	10	1	<	<	1.4	27	49	346	<	51	101	1192	63	86	2	9	0.07	2.53	1.01	5.83	0.91	0.17	0.05	0.18
05ES 0229	L	<	1.2	78	33	86	549	15	15	5	<	<	0.8	13	20	267	<	30	70	599	22	44	1	3	0.03	1.55	0.44	2.59	0.51	0.05	0.02	0.09
05ES 0230	L	<	0.9	52	31	72	302	14	20	5	<	<	0.9	10	18	235	<	27	60	424	19	39	1	2	0.04	1.37	0.39	2.27	0.50	0.05	0.02	0.08
05ES 0231	L	<	1.0	44	24	71	215	9	5	4	<	<	0.7	8	17	230	<	29	60	332	17	35	<	2	0.03	1.45	0.36	2.26	0.54	0.05	0.02	0.08
05ES 0232	L	<	0.6	27	19	111	82	7	10	6	<	<	0.8	10	25	179	<	34	90	420	14	29	1	3	0.05	1.65	0.32	2.27	1.02	0.07	0.02	0.08
05ES 0233	L	<	0.6	43	19	243	26	<	25	7	<	<	1.5	7	37	190	<	39	219	317	12	35	2	3	0.03	1.67	0.91	1.69	1.83	0.12	0.02	0.17
05ES 0234	L	48	0.6	57	20	254	269	9	35	7	<	<	2.4	12	41	763	<	53	84	774	11	49	1	2	0.02	0.93	0.39	2.99	0.39	0.12	0.02	0.11
05ES 0235	L	13	1.0	56	28	107	533	14	125	6	<	<	1.5	11	23	235	<	27	73	478	14	41	1	2	0.03	1.32	0.56	2.22	0.58	0.05	0.02	0.09
05ES 0236	L	<	0.4	27	12	98	36	<	30	2	<	<	0.5	9	28	82	<	26	49	361	13	21	1	3	0.03	1.29	0.48	1.93	1.03	0.09	0.02	0.06
05ES 0237	L	5	0.8	47	24	182	168	8	230	6	<	<	2.0	9	37	160	<	31	115	538	15	36	1	2	0.03	1.42	0.70	1.98	0.81	0.07	0.02	0.10
05ES 0238	L	6	1.0	44	26	145	164	<	195	7	<	<	0.9	8	29	179	<	27	72	216	12	25	<	2	0.03	1.16	0.29	1.79	0.48	0.06	0.02	0.09
05ES 0239	L	<	1.7	73	54	341	337	11	205	10	<	<	3.5	28	68	400	<	82	117	992	16	42	1	2	0.02	1.12	0.47	2.88	0.49	0.16	0.02	0.18
05ES 0240	L	<	0.6	31	15	132	76	<	285	4	<	<	0.7	7	26	185	<	23	82	223	13	29	1	2	0.03	1.13	0.53	1.48	0.65	0.07	0.02	0.08
05ES 0241	L	<	0.8	46	18	166	166	5	405	7	<	<	1.5	10	35	205	<	28	108	710	14	36	<	2	0.03	1.36	0.72	1.98	0.76	0.07	0.02	0.10
05ES 0242	L	<	0.7	42	18	154	91	5	525	6	<	<	1.4	9	31	257	<	25	89	404	14	34	1	2	0.02	1.17	0.72	1.79	0.65	0.06	0.02	0.08
05ES 0243	L	<	0.5	27	18	147	62	<	515	4	<	<	1.0	8	26	199	<	20	69	326	13	28	<	2	0.02	1.01	0.47	1.54	0.55	0.05	0.02	0.07
05ES 0244	L	<	0.4	23	10	73	12	<	470	2	<	<	0.4	5	17	207	<	16	33	110	14	28	1	2	0.02	0.93	0.26	1.42	0.55	0.06	0.02	0.07
Min Limit		5	0.1	1	2	1	5	5	5	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*		9999	99.9	20000	20000	20000	9999	999	9999	999	999	9999	99.9	9999	9999	9999	999	9999	9999	9999	9999	9999	9999	9999	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method		GeoS	ICP	ICP	ICP	ICP	ICP	ICP	CVA	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % L=Silt N=No Sample S=Soil

INTERNATIONAL PLASMA LABORATORY LTD.

CERTIFICATE OF ANALYSIS
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Client : Nicholson & Associates
Project: PFC

758 Samples
753=Silt 2=No Sample 3=Soil

[091510:20:28:79092997]

Out: Sep 26, 1997
In : Sep 16, 1997

Sample Name		Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppb	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
05ES 0245	L	<	0.4	23	16	140	52	<	570	4	<	<	0.7	7	23	172	<	20	64	236	12	27	1	2	0.03	1.00	0.42	1.45	0.55	0.05	0.02	0.08
05ES 0246	L	18	0.6	23	19	147	67	<	560	4	<	<	0.5	7	24	167	<	20	65	228	14	31	<	2	0.03	1.03	0.43	1.61	0.53	0.06	0.02	0.10
05ES 0247	L	<	0.6	37	25	167	87	<	585	4	<	<	0.9	9	30	206	<	23	70	334	13	30	1	2	0.03	1.14	0.57	1.78	0.56	0.06	0.02	0.08
05ES 0248	L	<	0.6	87	21	564	60	5	550	11	<	<	4.4	18	85	518	<	33	136	1377	18	96	2	3	0.01	1.23	0.70	3.51	0.62	0.25	0.02	0.24
05ES 0249	L	<	0.7	38	24	202	87	5	390	4	<	<	1.4	9	33	226	<	24	74	419	13	37	<	2	0.02	1.17	0.60	1.85	0.58	0.06	0.02	0.09
05ES 0250	L	7	0.7	47	24	270	86	5	285	6	<	<	3.3	11	44	264	<	28	82	533	14	52	1	3	0.03	1.24	0.68	1.99	0.64	0.07	0.02	0.09
05ES 0251	L	<	0.6	56	15	449	56	<	245	4	<	<	4.6	12	59	312	<	25	71	772	13	67	1	2	0.02	1.17	0.81	2.17	0.55	0.08	0.02	0.12
05ES 0252	L	<	0.2	43	17	320	64	5	125	4	<	<	2.9	10	44	258	<	23	70	605	13	55	1	2	0.02	1.10	0.64	1.99	0.55	0.07	0.02	0.11
05ES 0253	L	<	0.8	23	8	85	6	<	10	2	<	<	0.6	8	23	238	<	21	37	222	15	26	2	3	0.04	0.91	0.41	1.84	0.48	0.06	0.02	0.09
05ES 0254	L	<	0.7	65	34	389	67	5	145	9	<	<	3.4	11	56	313	<	28	86	610	15	73	1	2	0.02	0.99	0.63	2.67	0.50	0.08	0.02	0.13
05ES 0255	L	<	0.8	57	29	337	54	5	85	7	<	<	2.7	10	47	309	<	24	79	522	15	67	1	3	0.02	1.02	0.59	2.52	0.48	0.09	0.02	0.14
05ES 0256	L	13	0.5	67	42	460	78	7	125	11	<	<	3.1	13	67	390	<	37	108	676	17	81	1	3	0.02	1.18	0.68	3.10	0.58	0.11	0.02	0.16
05ES 0257	L	<	0.4	27	7	62	16	<	50	2	<	<	1.4	6	32	315	<	39	21	676	10	116	1	1	<	1.12	2.09	1.35	0.43	0.08	0.03	0.26
05ES 0258	L	13	0.4	25	11	115	11	<	35	2	<	<	1.2	10	25	364	<	26	28	1161	12	88	1	1	0.01	1.32	1.48	1.71	0.50	0.08	0.02	0.17
05ES 0259	L	17	0.4	21	8	90	13	<	10	2	<	<	0.4	9	21	307	<	23	31	803	12	57	<	1	0.01	1.30	0.90	1.88	0.49	0.08	0.02	0.13
05ES 0260	L	9	0.4	23	8	94	9	<	10	2	<	<	0.6	8	20	359	<	22	30	709	12	78	<	1	0.01	1.33	1.35	1.81	0.50	0.06	0.02	0.14
05ES 0261	L	13	0.3	24	11	89	9	<	10	2	<	<	0.3	8	21	381	<	22	32	592	12	69	1	1	0.01	1.36	1.10	1.95	0.51	0.06	0.02	0.12
05ES 0262	L	<	0.4	15	12	97	7	<	5	2	<	<	0.5	9	18	320	<	20	30	593	10	49	1	1	0.01	1.24	0.75	1.78	0.51	0.07	0.02	0.10
05ES 0263	L	12	0.4	17	5	100	5	<	25	2	<	<	0.8	6	16	384	<	18	18	597	7	97	1	1	<	0.80	1.56	1.13	0.35	0.06	0.02	0.11
05ES 0264	L	26	0.5	29	14	89	10	<	95	2	<	<	0.6	8	20	448	<	21	28	496	14	73	2	2	0.01	1.22	1.17	1.83	0.53	0.07	0.01	0.11
05ES 0265	L	22	0.5	26	13	107	11	<	165	3	<	<	0.9	8	21	548	<	25	34	383	13	83	1	2	0.01	1.17	1.17	1.89	0.43	0.07	0.02	0.14
05ES 0266	L	16	0.3	24	10	75	11	<	270	2	<	<	0.9	7	18	405	<	21	27	551	11	97	1	2	0.01	1.09	1.66	1.59	0.52	0.07	0.02	0.12
05ES 0267	L	17	0.4	36	8	79	8	<	185	2	<	<	0.9	10	22	401	<	21	35	379	15	52	2	3	0.02	1.27	0.78	2.05	0.57	0.09	0.02	0.07
05ES 0268	L	7	0.3	30	12	93	5	<	170	3	<	<	1.1	9	28	437	<	29	32	479	16	79	1	2	0.01	1.24	1.24	2.03	0.61	0.11	0.02	0.10
05ES 0269	L	15	0.4	32	10	96	7	<	215	1	<	<	1.1	6	20	457	<	19	24	325	15	108	1	2	0.01	1.14	1.74	1.59	0.56	0.08	0.02	0.10
05ES 0270	L	6	0.2	20	5	53	7	<	65	1	<	<	0.2	6	19	263	<	17	29	220	13	42	1	2	0.02	1.05	0.60	1.57	0.49	0.05	0.02	0.05
05ES 0271	L	11	0.2	21	6	61	7	<	50	1	<	<	0.3	7	20	280	<	18	29	255	14	41	1	2	0.02	1.09	0.56	1.72	0.56	0.05	0.02	0.06
05ES 0272	L	16	0.2	25	4	64	9	<	80	1	<	<	0.4	7	22	340	<	20	30	303	13	58	1	2	0.02	1.18	0.81	1.79	0.57	0.06	0.02	0.07
05ES 0273	L	<	0.4	50	10	78	17	5	155	1	<	<	0.9	9	33	541	<	27	32	511	18	150	2	3	0.02	1.32	2.29	1.96	0.70	0.07	0.02	0.10
05ES 0274	L	<	0.3	36	6	75	7	<	85	1	<	<	0.5	8	29	357	<	23	30	345	14	82	2	3	0.02	1.32	1.21	1.90	0.63	0.08	0.02	0.09
05ES 0275	L	20	0.4	41	11	76	9	<	115	2	<	<	0.7	8	25	426	<	25	28	362	16	125	2	3	0.01	1.27	1.99	1.84	0.67	0.08	0.02	0.10
05ES 0276	L	5	0.3	40	12	90	33	<	10	2	<	<	1.3	13	38	346	<	33	50	578	17	73	2	3	0.05	1.55	1.32	2.70	1.00	0.10	0.05	0.12
05ES 0277	L	12	0.3	43	13	105	24	<	5	3	<	<	1.6	14	39	410	<	34	54	640	19	71	1	4	0.05	1.61	1.30	2.80	1.02	0.10	0.05	0.11
05ES 0278	L	6	0.3	39	11	90	28	<	20	2	<	<	1.3	13	38	378	<	34	52	555	18	72	2	3	0.05	1.55	1.33	2.69	1.00	0.10	0.05	0.11
05ES 0279	L	9	0.3	38	13	93	36	<	15	3	<	<	1.4	15	39	387	<	36	58	462	20	65	2	4	0.06	1.65	1.11	2.84	1.06	0.11	0.06	0.12
05ES 0280	L	12	0.3	37	13	97	31	<	25	3	<	<	1.2	14	36	369	<	32	52	599	18	66	1	4	0.05	1.57	1.12	2.72	0.99	0.10	0.05	0.11
05ES 0281	L	10	0.3	36	12	86	30	<	70	2	<	<	1.0	14	34	343	<	32	51	484	18	57	1	3	0.05	1.49	0.96	2.62	0.97	0.10	0.05	0.11
05ES 0282	L	9	0.3	35	17	85	32	<	70	3	<	<	1.0	13	34	338	<	31	49	442	16	63	2	3	0.05	1.49	1.06	2.62	0.96	0.08	0.05	0.11
05ES 0284	L	9	0.3	51	16	119	67	11	125	1	<	<	1.2	17	49	451	<	45	68	575	26	104	3	5	0.06	2.48	1.58	3.66	1.40	0.12	0.10	0.15
Min Limit		5	0.1	1	2	1	5	5	5	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*		9999	99.9	20000	20000	20000	9999	999	9999	999	999	9999	99.9	9999	9999	9999	999	9999	9999	9999	9999	9999	9999	9999	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method		GeoS	ICP	ICP	ICP	ICP	ICP	ICP	CVA	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % L=Silt N=No Sample S=Soil

INTERNATIONAL PLASMA LABORATORY LTD.

CERTIFICATE OF ANALYSIS

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Client : Nicholson & Associates
Project: PFC

758 Samples
753=Silt 2=No Sample 3=Soil

[091510:20:28:79092997]

Out: Sep 26, 1997
In : Sep 16, 1997

Sample Name		Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppb	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
05ES 0285	L	<	0.3	33	14	89	35	<	255	2	<	<	1.0	12	32	310	<	33	48	456	17	88	2	4	0.05	2.01	1.21	2.68	1.05	0.09	0.11	0.10
05ES 0286	L	<	0.3	26	8	79	11	<	270	2	<	<	0.5	8	23	303	<	25	39	200	17	40	2	3	0.03	1.37	0.65	1.97	0.71	0.08	0.02	0.08
05ES 0287	L	5	0.2	20	10	96	13	<	340	2	<	<	0.7	10	29	356	<	31	44	154	16	62	2	4	0.05	1.50	0.90	2.25	0.95	0.08	0.04	0.10
05ES 0288	L	<	0.3	40	13	98	24	<	370	2	<	<	1.5	14	38	375	<	32	51	610	19	68	1	4	0.05	1.57	1.20	2.67	0.97	0.11	0.05	0.11
05ES 0289	L	<	0.3	34	10	97	22	<	320	2	<	<	1.0	15	37	439	<	35	61	410	19	55	2	4	0.08	1.58	0.88	2.76	1.03	0.11	0.04	0.11
05ES 0290	L	25	0.3	37	16	99	28	5	325	2	<	<	1.3	16	40	458	<	38	63	602	23	64	2	4	0.08	1.77	1.03	2.93	1.11	0.13	0.06	0.11
05ES 0291	L	<	0.2	36	14	96	26	<	265	3	<	<	1.0	15	39	400	<	35	59	509	21	67	2	4	0.07	1.67	1.06	2.90	1.08	0.11	0.05	0.12
05ES 0292	L	7	0.3	30	10	89	22	<	200	2	<	<	0.9	13	35	369	<	32	54	374	18	53	1	4	0.06	1.46	0.88	2.55	0.93	0.08	0.04	0.11
05ES 0293	L	<	0.3	31	11	81	24	<	120	2	<	<	0.7	11	31	308	<	30	47	241	17	53	1	3	0.04	1.52	0.78	2.46	0.87	0.07	0.05	0.10
05ES 0294	L	9	0.3	44	16	120	46	10	60	1	<	<	1.1	17	48	446	<	42	67	493	23	76	2	5	0.07	2.05	1.20	3.32	1.29	0.12	0.07	0.14
05ES 0295	L	7	0.3	46	17	121	48	9	100	2	<	<	1.0	19	52	504	<	45	74	623	24	74	3	5	0.07	2.08	1.15	3.64	1.35	0.12	0.07	0.15
05ES 0296	L	<	0.3	31	11	132	25	5	130	4	<	<	1.7	16	32	480	<	31	36	1387	9	130	1	2	0.02	1.26	2.38	2.18	0.69	0.05	0.04	0.11
05ES 0297	L	<	0.3	42	15	119	33	<	135	3	<	<	0.6	17	44	450	<	40	63	546	21	72	2	4	0.06	1.90	1.24	3.18	1.22	0.12	0.06	0.13
05ES 0298	L	<	0.3	46	13	108	31	5	170	3	<	<	0.7	16	47	423	<	45	59	616	22	85	2	4	0.06	1.76	1.60	3.11	1.13	0.12	0.06	0.12
05ES 0299	L	<	0.3	47	19	120	41	5	155	2	<	<	0.7	18	47	527	<	46	73	658	27	93	2	5	0.09	2.32	1.54	3.47	1.38	0.17	0.08	0.14
05ES 0300	L	5	0.3	35	18	152	39	<	175	4	<	<	1.0	14	37	503	<	34	62	988	23	82	1	4	0.03	1.72	0.86	3.02	0.84	0.19	0.03	0.15
05ES 0301	L	<	0.4	39	18	140	38	5	180	2	<	<	1.3	12	39	407	<	30	51	714	21	91	1	4	0.02	1.46	1.05	2.84	0.81	0.14	0.03	0.15
05ES 0302	L	<	0.4	34	17	118	30	<	120	2	<	<	1.3	11	32	355	<	24	42	894	18	68	1	3	0.02	1.17	0.76	2.54	0.64	0.09	0.02	0.12
05ES 0303	L	<	0.3	34	13	111	26	<	170	2	<	<	1.1	10	31	315	<	23	42	567	17	62	1	3	0.02	1.13	0.70	2.37	0.61	0.10	0.02	0.12
05ES 0304	L	<	0.3	30	11	107	21	<	180	2	<	<	1.1	10	29	309	<	21	37	724	17	57	1	3	0.02	1.04	0.61	2.19	0.58	0.09	0.02	0.12
05ES 0305	L	<	0.3	23	15	103	38	8	150	2	<	<	1.2	8	28	355	<	28	47	204	15	51	1	3	0.02	1.33	0.71	2.66	0.74	0.09	0.02	0.13
05ES 0306	L	<	0.3	29	10	98	33	5	120	2	<	<	1.1	12	33	374	<	26	47	623	17	56	1	3	0.04	1.23	0.71	2.41	0.76	0.09	0.03	0.12
05ES 0307	L	<	0.3	33	12	115	27	<	115	2	<	<	1.2	13	36	405	<	30	53	605	20	62	1	4	0.04	1.42	0.75	2.72	0.85	0.14	0.03	0.12
05ES 0308	L	<	0.3	31	15	106	26	<	85	3	<	<	1.1	12	35	444	<	30	54	637	21	64	1	4	0.05	1.41	0.81	2.55	0.81	0.15	0.03	0.12
05ES 0309	L	<	0.4	34	15	117	41	9	105	1	<	<	1.6	13	38	434	<	32	55	665	23	69	2	4	0.04	1.47	0.86	2.62	0.80	0.17	0.03	0.13
05ES 0310	L	<	0.4	40	15	128	49	9	110	1	<	<	0.9	14	42	471	<	35	60	551	24	80	1	5	0.04	1.75	1.00	3.06	0.93	0.14	0.04	0.15
05ES 0311	L	<	0.3	20	17	97	24	<	100	2	<	<	0.8	9	28	382	<	31	47	238	16	60	1	3	0.02	1.44	0.83	2.27	0.80	0.09	0.03	0.13
05ES 0312	L	<	0.3	32	11	114	37	6	90	<	<	<	1.4	12	37	389	<	27	49	468	19	59	1	3	0.03	1.34	0.70	2.62	0.81	0.10	0.03	0.13
05ES 0313	L	<	0.3	19	13	98	14	<	120	3	<	<	0.7	11	24	307	<	25	49	496	14	44	2	3	0.02	1.24	0.54	2.80	0.68	0.07	0.02	0.10
05ES 0314	L	<	0.2	25	14	110	22	<	90	3	<	<	0.8	11	30	286	<	21	36	389	16	45	1	3	0.01	1.03	0.45	2.56	0.63	0.07	0.02	0.11
05ES 0315	L	<	0.3	20	6	66	6	<	20	2	<	<	0.5	9	20	258	<	23	43	266	13	30	2	3	0.05	1.10	0.47	2.04	0.50	0.05	0.03	0.08
05ES 0316	L	<	0.3	28	13	98	23	<	100	2	<	<	1.1	10	29	315	<	23	39	614	16	54	1	3	0.02	1.10	0.68	2.25	0.63	0.09	0.02	0.11
05ES 0317	L	<	0.3	25	12	122	27	5	60	2	<	<	1.1	13	35	429	<	34	61	600	19	55	1	4	0.06	1.70	0.74	2.95	0.89	0.11	0.04	0.12
06ES 0186	L	<	0.7	63	8	179	11	<	370	4	<	<	1.5	9	59	429	<	28	72	478	13	56	1	4	0.03	1.31	0.73	2.07	0.51	0.13	0.02	0.10
06ES 0187	L	<	0.7	63	8	206	16	<	400	3	<	<	1.8	8	60	407	<	30	65	489	12	62	1	3	0.02	1.34	0.76	2.05	0.48	0.12	0.02	0.12
06ES 0189	L	<	0.6	63	4	44	11	<	510	2	<	<	0.8	1	21	365	<	20	48	110	5	38	1	1	<	0.31	0.31	0.42	0.09	0.07	0.02	0.04
06ES 0189A	L	<	0.8	52	8	243	21	<	345	3	<	<	2.2	10	48	564	<	28	71	662	14	60	1	3	0.02	1.42	0.64	2.16	0.50	0.09	0.02	0.10
08ES 0065	L	<	0.6	62	31	122	24	10	165	5	<	<	0.6	12	41	257	<	29	53	490	33	38	2	4	<	1.14	0.35	3.05	0.71	0.13	0.01	0.11
08ES 0066	L	6	0.9	152	36	164	<	10	145	4	<	<	0.3	27	58	229	<	34	74	1223	33	30	1	6	0.01	1.16	0.32	5.43	0.63	0.07	0.01	0.12
Min Limit		5	0.1	1	2	1	5	5	5	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*		9999	99.9	20000	20000	20000	9999	999	9999	999	999	9999	99.9	9999	9999	9999	999	9999	9999	9999	9999	9999	9999	9999	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method		GeoS	ICP	ICP	ICP	ICP	ICP	ICP	CVA	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % L=Silt N=No Sample S=Soil

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CERTIFICATE OF ANALYSIS
iPL 97I0915

Client : Nicholson & Associates
Project: PFC

758 Samples
753=Silt 2=No Sample 3=Soil

[091510:20:28:79092997]

Out: Sep 26, 1997
In : Sep 16, 1997

Sample Name		Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppb	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
08ES 0067	L	15	0.9	152	19	126	<	14	150	5	<	<	0.3	45	71	220	<	104	150	1354	26	36	3	10	0.02	1.95	0.75	7.37	1.70	0.06	0.02	0.14
08ES 0068	L	18	0.6	116	25	147	6	5	70	4	<	<	0.4	21	49	207	<	39	78	875	27	25	1	4	0.04	1.53	0.30	5.06	0.60	0.08	0.02	0.13
08ES 0069	L	7	1.2	144	23	177	<	8	200	8	<	<	0.9	14	55	228	<	31	63	925	26	34	1	4	<	0.87	0.66	3.58	0.52	0.11	0.01	0.11
08ES 0070	L	<	0.7	125	17	134	6	7	155	6	<	<	0.6	13	49	239	<	72	68	606	25	27	1	4	<	0.99	0.34	3.24	0.67	0.13	0.02	0.11
08ES 0071	L	<	1.9	78	78	269	14	10	570	5	<	<	1.8	16	44	397	<	37	63	753	30	62	4	5	<	1.24	1.19	3.95	1.18	0.18	0.02	0.11
08ES 0072	L	<	1.6	94	38	166	<	12	285	7	<	<	0.2	23	58	432	<	35	105	880	34	67	2	7	<	1.19	0.60	5.34	0.73	0.13	0.02	0.17
08ES 0073	L	<	2.1	116	72	183	41	23	235	5	<	<	1.2	23	72	410	<	60	84	909	43	87	7	6	<	1.78	0.93	5.25	1.35	0.25	0.02	0.17
08ES 0074	L	<	3.1	92	142	162	25	25	230	3	<	<	1.1	20	62	304	<	49	58	844	34	93	5	5	<	1.40	1.79	4.22	1.15	0.21	0.02	0.13
08ES 0075	L	<	1.3	104	42	164	16	15	170	4	<	<	0.9	21	57	320	<	38	56	858	43	67	4	6	0.01	1.46	1.02	4.86	0.98	0.16	0.02	0.15
08ES 0076	L	<	0.5	73	23	123	6	5	60	5	<	<	0.6	18	42	260	<	36	43	700	40	47	4	4	<	1.50	0.69	3.81	1.07	0.23	0.02	0.13
08ES 0077	L	<	0.8	76	30	132	<	9	115	4	<	<	0.2	19	43	256	<	30	44	690	42	52	3	6	<	1.21	0.68	4.41	0.81	0.18	0.01	0.15
08ES 0078	L	<	1.0	68	27	115	6	8	210	4	<	<	0.6	17	51	344	<	36	56	614	26	44	3	5	0.02	1.18	0.54	3.59	1.06	0.16	0.02	0.11
08ES 0079	L	<	1.0	71	55	109	12	8	160	4	<	<	0.4	21	72	564	<	67	70	626	25	53	5	5	0.07	1.57	0.87	3.77	1.70	0.16	0.02	0.13
08ES 0080	L	<	0.9	70	35	117	20	11	160	3	<	<	0.9	18	62	567	<	51	73	656	30	56	5	5	0.05	1.55	0.93	3.81	1.42	0.23	0.02	0.15
08ES 0081	L	<	1.4	94	40	143	16	13	210	5	<	<	0.4	21	70	455	<	56	79	788	31	63	3	6	0.05	1.46	0.93	4.42	1.34	0.16	0.02	0.15
08ES 0082	L	<	1.9	109	48	168	35	22	230	5	<	<	1.2	26	90	565	<	71	97	948	35	61	3	8	0.07	1.73	0.89	5.17	1.67	0.20	0.02	0.15
08ES 0083	L	<	2.0	105	55	171	36	23	170	3	<	<	1.4	27	91	637	<	74	99	949	36	59	5	8	0.07	1.98	0.89	5.36	1.87	0.23	0.02	0.16
08ES 0084	L	<	3.4	153	103	237	40	32	385	5	<	<	1.5	33	108	550	<	78	123	1223	47	80	3	10	0.07	2.03	1.17	6.67	1.77	0.15	0.03	0.20
08ES 0085	L	<	4.2	120	51	172	34	28	230	4	<	<	1.7	28	106	762	<	90	132	1002	38	71	6	8	0.08	2.21	1.07	5.58	2.25	0.23	0.02	0.18
08ES 0086	L	<	1.9	129	70	218	37	26	95	5	<	<	1.4	32	105	490	<	73	115	1165	42	72	4	9	0.07	2.02	1.03	6.40	1.89	0.15	0.02	0.19
08ES 0087	L	<	2.0	126	77	201	30	25	250	5	<	<	1.5	28	98	433	<	70	103	1054	36	75	3	8	0.05	1.70	1.01	5.79	1.59	0.13	0.02	0.17
08ES 0088	L	<	1.6	113	60	190	29	21	200	5	<	<	1.5	29	99	495	<	80	114	1144	40	81	5	9	0.06	2.04	1.36	6.25	2.07	0.16	0.02	0.18
08ES 0089	L	<	1.2	103	41	169	29	19	170	5	<	<	1.3	27	99	526	<	73	101	880	35	72	4	8	0.07	1.97	1.08	5.36	1.98	0.19	0.02	0.15
08ES 0090	L	<	2.0	124	74	204	35	24	255	4	<	<	1.5	29	98	501	<	70	109	1020	43	79	3	8	0.06	1.90	1.05	5.83	1.65	0.19	0.02	0.17
08ES 0091	L	<	1.8	102	55	161	12	14	240	5	<	<	0.8	25	88	414	<	68	88	830	31	67	2	7	0.06	1.59	0.91	4.78	1.58	0.13	0.02	0.13
08ES 0092	L	<	1.0	78	33	125	12	9	170	5	<	<	0.4	23	81	483	<	65	81	738	27	55	4	6	0.07	1.65	0.77	4.25	1.71	0.16	0.02	0.12
08ES 0093	L	<	1.6	127	92	199	32	37	215	6	<	<	5.3	33	131	584	<	97	112	1114	36	70	4	8	0.08	2.28	1.02	5.99	2.52	0.16	0.02	0.17
08ES 0094	L	<	0.4	34	23	108	<	<	115	3	<	<	0.3	14	30	190	<	23	31	477	19	86	2	5	<	0.81	2.33	3.44	0.46	0.10	0.02	0.14
08ES 0095	L	<	0.4	32	24	114	<	<	120	2	<	<	0.6	14	33	203	<	23	33	578	19	64	2	5	<	0.80	1.43	3.52	0.46	0.10	0.02	0.14
08ES 0096	L	<	0.3	57	17	140	6	5	80	4	<	<	0.4	22	35	336	<	31	62	1519	14	37	1	1	<	1.25	0.56	4.84	0.45	0.10	0.02	0.22
08ES 0097	L	29	0.4	44	39	173	10	10	125	3	<	<	0.6	19	46	361	<	39	64	522	28	57	3	7	<	1.41	0.89	5.33	0.57	0.11	0.03	0.20
08ES 0098	L	<	0.4	45	20	145	7	10	155	1	<	<	0.7	19	46	260	<	37	50	480	28	74	2	7	0.01	1.33	1.41	4.96	0.64	0.14	0.03	0.20
08ES 0099	L	<	0.3	47	21	142	8	7	175	1	<	<	0.5	20	43	239	<	31	52	934	25	53	2	5	0.01	1.16	0.96	4.45	0.55	0.13	0.02	0.18
08ES 0100	L	<	0.4	67	33	179	5	8	185	1	<	<	0.7	23	50	262	<	38	59	859	29	102	3	8	0.03	1.37	2.16	5.03	0.71	0.18	0.03	0.19
08ES 0101	L	<	0.4	54	31	189	8	9	235	2	<	<	0.9	22	48	292	<	39	60	919	31	99	2	8	0.02	1.46	2.02	5.11	0.70	0.17	0.03	0.20
08ES 0102	L	<	0.4	52	23	179	12	7	170	1	<	<	0.5	16	41	261	<	37	59	534	26	54	1	5	0.02	1.55	0.80	4.30	0.64	0.13	0.04	0.19
08ES 0103	L	<	0.4	52	29	178	8	11	160	2	<	<	0.8	20	50	263	<	40	60	789	29	59	2	8	0.02	1.35	1.14	5.04	0.64	0.12	0.03	0.19
08ES 0104	L	<	0.3	41	30	158	11	8	135	<	<	<	0.9	15	38	238	<	31	48	350	24	44	2	5	0.01	1.31	0.78	3.72	0.59	0.11	0.03	0.16
08ES 0105	L	<	0.3	17	12	82	<	<	55	2	<	<	0.7	12	26	230	<	25	18	512	28	86	2	4	<	1.54	1.99	2.99	1.03	0.14	0.02	0.12
Min Limit		5	0.1	1	2	1	5	5	5	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*		9999	99.9	20000	20000	20000	9999	999	9999	999	999	9999	99.9	9999	9999	9999	999	9999	9999	9999	9999	9999	9999	9999	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method		GeoS	ICP	ICP	ICP	ICP	ICP	ICP	CVA	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % L=Silt N=No Sample S=Soil

INTERNATIONAL PLASMA LABORATORY LTD.

CERTIFICATE OF ANALYSIS
iPL 97I0915

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Client : Nicholson & Associates
Project: PFC

758 Samples
753=Silt 2=No Sample 3=Soil [091510:20:28:79092997]

Out: Sep 26, 1997
In : Sep 16, 1997

Sample Name		Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppb	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
08ES 0106	L	<	0.2	25	22	100	<	<	105	2	<	<	0.7	12	24	236	<	25	31	239	20	50	3	4	0.01	1.13	0.62	2.81	0.62	0.07	0.02	0.11
08ES 0107	L	<	0.3	29	19	101	<	<	115	2	<	<	0.1	13	26	262	<	26	31	355	18	58	2	3	0.01	1.08	0.77	3.01	0.60	0.06	0.02	0.11
08ES 0108	L	<	0.3	32	22	112	<	<	105	2	<	<	<	12	28	238	<	28	35	205	20	51	2	4	0.01	1.12	0.62	3.16	0.60	0.07	0.02	0.11
08ES 0109	L	<	0.3	30	22	117	<	<	105	1	<	<	<	12	27	240	<	27	35	226	20	51	2	4	0.02	1.14	0.63	3.11	0.61	0.07	0.02	0.12
08ES 0110	L	<	0.3	28	18	111	<	<	145	2	<	<	<	13	29	237	<	29	36	284	22	53	2	4	0.02	1.20	0.66	3.22	0.69	0.08	0.02	0.11
08ES 0111	L	6	0.2	26	18	90	<	<	135	2	<	<	0.6	11	25	240	<	26	31	169	18	61	2	3	0.02	1.12	0.79	2.53	0.63	0.07	0.02	0.11
08ES 0112	L	<	0.3	22	18	75	<	<	70	3	<	<	0.4	8	22	256	<	26	34	163	20	35	3	3	<	1.32	0.45	2.86	0.59	0.06	0.02	0.12
08ES 0113	L	<	0.3	19	16	60	<	<	55	2	<	<	0.3	12	20	303	<	23	31	475	18	51	2	2	<	1.24	0.63	2.56	0.55	0.05	0.02	0.12
08ES 0114	L	<	0.3	20	17	86	<	<	105	1	<	<	0.4	11	22	239	<	23	31	240	19	46	2	3	<	1.13	0.56	2.74	0.56	0.05	0.02	0.10
08ES 0115	L	<	0.3	15	12	65	5	<	60	1	<	<	0.4	7	20	248	<	23	24	140	20	32	2	2	<	1.24	0.43	2.06	0.55	0.05	0.02	0.11
08ES 0116	L	<	0.3	23	15	102	<	<	80	1	<	<	0.6	11	24	267	<	26	31	336	18	61	2	2	0.02	1.15	0.80	2.69	0.65	0.07	0.02	0.11
08ES 0117	L	<	0.3	15	8	38	11	<	45	1	<	<	<	5	13	131	<	20	38	102	10	9	1	1	0.01	1.28	0.09	1.92	0.31	0.04	0.02	0.06
08ES 0118	L	<	0.3	23	19	71	<	<	105	1	<	<	0.5	10	23	357	<	24	33	414	19	66	3	3	<	1.21	0.79	2.87	0.57	0.05	0.02	0.11
08ES 0119	L	<	0.3	19	11	64	9	<	90	1	<	<	0.4	11	24	325	<	30	40	356	20	19	2	2	0.01	1.69	0.25	2.67	0.59	0.05	0.02	0.12
08ES 0120	L	<	0.3	15	12	62	6	<	75	2	<	<	0.5	9	20	227	<	30	42	222	15	21	2	2	0.02	1.42	0.28	2.71	0.50	0.05	0.02	0.13
08ES 0121	L	<	0.2	22	12	82	<	<	65	2	<	<	0.7	12	27	304	<	28	38	314	16	86	2	3	0.02	1.25	1.17	2.73	0.67	0.05	0.02	0.11
08ES 0122	L	<	0.2	22	14	76	<	<	130	2	<	<	0.6	11	27	330	<	30	38	293	12	97	3	2	0.03	1.15	1.40	2.73	0.68	0.05	0.02	0.08
08ES 0123 NS	N	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
08ES 0124	L	<	0.2	15	13	60	<	<	60	2	<	<	0.6	8	19	308	<	21	28	267	12	80	2	2	0.01	1.03	1.19	2.27	0.55	0.04	0.02	0.10
08ES 0125	L	<	0.2	15	<	38	<	<	70	2	<	<	0.4	5	12	301	<	11	13	273	8	206	2	1	<	0.55	3.31	1.00	0.42	0.03	0.02	0.10
08ES 0126	L	<	0.3	22	11	98	<	<	135	2	<	<	0.7	10	22	273	<	22	32	366	15	73	2	2	0.01	1.15	1.13	2.71	0.57	0.05	0.02	0.11
08ES 0127	L	<	0.2	18	11	101	<	<	110	2	<	<	0.8	10	20	227	<	21	30	439	13	71	2	2	<	1.08	1.03	2.43	0.52	0.05	0.02	0.10
08ES 0128	L	<	0.2	18	12	72	<	<	185	2	<	<	0.5	9	20	281	<	21	31	333	14	84	2	2	0.01	1.12	1.25	2.34	0.52	0.05	0.02	0.09
08ES 0129	L	<	0.2	17	7	74	5	<	115	2	<	<	0.3	9	19	247	<	21	32	366	13	71	2	2	0.01	1.12	1.05	2.31	0.50	0.04	0.02	0.09
08ES 0130	L	<	0.2	17	10	83	7	<	85	1	<	<	0.6	8	18	234	<	20	28	263	10	90	2	2	0.01	1.02	1.48	2.00	0.49	0.05	0.02	0.08
08ES 0131	L	<	0.8	21	19	59	9	<	50	3	<	<	0.7	27	11	394	<	19	45	2533	7	16	1	<	<	0.84	0.11	1.93	0.14	0.07	0.02	0.15
08ES 0132	L	<	1.7	68	9	339	28	12	210	24	<	<	3.6	5	49	269	<	27	221	210	7	18	1	<	<	1.01	0.07	2.33	0.14	0.06	0.02	0.13
08ES 0133	L	<	0.6	45	12	211	18	6	90	13	<	<	1.9	6	31	319	<	32	175	444	8	15	1	<	<	0.92	0.07	2.31	0.23	0.06	0.02	0.08
08ES 0134	L	<	1.5	65	20	177	10	<	115	12	<	<	0.6	12	34	720	<	39	178	703	12	33	2	2	0.03	1.10	0.07	3.60	0.36	0.17	0.02	0.09
08ES 0135	L	<	0.8	42	14	193	26	<	85	9	<	<	1.6	8	31	427	<	29	113	505	9	20	1	1	0.01	1.10	0.09	2.41	0.31	0.07	0.02	0.08
08ES 0136	L	<	0.8	66	29	98	16	<	215	8	<	<	0.8	17	40	631	<	32	79	1409	9	58	1	1	0.01	1.00	0.06	3.80	0.21	0.14	0.02	0.10
08ES 0137	L	<	1.2	51	21	93	12	<	290	7	<	<	1.1	7	28	659	<	22	74	323	8	46	1	1	<	0.73	0.06	2.33	0.15	0.11	0.02	0.08
08ES 0138	L	<	0.7	45	22	104	12	<	170	7	<	<	1.9	9	28	719	<	28	83	390	11	44	1	2	0.03	1.08	0.09	3.00	0.34	0.15	0.02	0.09
08ES 0139	L	<	0.5	52	22	100	8	<	180	7	<	<	0.4	14	31	690	<	27	73	935	10	46	1	2	0.03	0.97	0.05	3.23	0.30	0.15	0.02	0.08
08ES 0140	L	<	0.8	29	11	66	10	<	190	3	<	<	0.3	4	18	385	<	21	51	137	9	19	1	<	<	1.01	0.09	1.74	0.27	0.07	0.02	0.07
08ES 0141	L	<	1.5	51	17	91	7	<	290	7	<	<	0.9	7	28	650	<	22	66	347	8	50	<	1	<	0.81	0.07	2.57	0.18	0.11	0.02	0.10
08ES 0142	L	6	0.7	62	22	79	9	<	415	9	<	<	0.6	7	26	572	<	20	72	262	9	68	1	1	<	0.63	0.04	2.90	0.11	0.13	0.02	0.08
08ES 0143	L	<	0.5	37	13	95	8	5	135	5	<	<	0.8	8	24	570	<	20	60	339	8	36	1	1	0.02	0.80	0.14	2.25	0.29	0.09	0.02	0.06
08ES 0144	L	<	1.0	34	10	145	15	<	190	7	<	<	0.8	13	28	562	<	22	87	1050	10	29	1	1	0.01	1.00	0.24	2.14	0.28	0.05	0.01	0.08
Min Limit		5	0.1	1	2	1	5	5	5	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*		9999	99.9	20000	20000	20000	9999	999	9999	999	999	9999	99.9	9999	9999	9999	999	9999	9999	9999	9999	9999	9999	9999	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method		GeoS	ICP	ICP	ICP	ICP	ICP	ICP	CVA	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % L=Silt N=No Sample S=Soil

INTERNATIONAL PLASMA LABORATORY LTD.

CERTIFICATE OF ANALYSIS

iPL 97I0915

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Client : Nicholson & Associates
Project: PFC

758 Samples
753=Silt 2=No Sample 3=Soil

[091510:20:28:79092997]

Out: Sep 26, 1997
In : Sep 16, 1997

Sample Name		Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppb	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
08ES 0145	L	<	1.8	47	18	97	11	<	155	7	<	<	1.2	7	28	820	<	23	79	265	10	54	1	1	<	0.84	0.23	2.64	0.21	0.11	0.02	0.08
08ES 0146	L	<	0.4	25	10	152	11	<	180	3	<	<	1.6	9	34	453	<	23	49	437	10	27	1	1	0.02	1.18	0.25	1.90	0.39	0.07	0.02	0.07
08ES 0147	L	<	0.4	33	12	118	9	<	110	4	<	<	0.9	9	28	513	<	24	60	578	11	30	1	1	0.02	1.07	0.18	2.11	0.31	0.08	0.02	0.07
08ES 0148	L	6	0.7	52	15	128	15	<	250	6	<	<	1.4	11	37	818	<	23	72	997	11	72	1	2	0.01	1.03	0.42	2.58	0.30	0.09	0.02	0.08
08ES 0149	L	<	0.7	58	12	179	22	<	170	5	<	<	3.4	15	46	630	<	46	65	2058	12	75	1	1	<	1.12	0.63	2.62	0.40	0.17	0.03	0.12
08ES 0150	L	<	0.3	31	8	131	11	<	75	4	<	<	1.4	12	32	322	<	26	58	610	12	34	2	3	0.03	1.16	0.41	2.17	0.48	0.05	0.02	0.08
08ES 0151	L	10	0.7	37	14	166	19	<	245	4	<	<	1.5	8	40	578	<	23	70	262	11	65	2	1	0.01	1.12	0.66	1.90	0.40	0.07	0.02	0.11
08ES 0152	L	<	0.4	24	9	114	13	<	130	4	<	<	0.6	13	31	524	<	22	67	438	10	59	1	1	0.02	1.06	0.69	1.89	0.41	0.05	0.02	0.09
08ES 0153	L	<	0.7	44	11	189	17	<	370	3	<	<	1.8	9	44	694	<	22	71	339	12	76	1	1	0.01	1.18	0.81	2.02	0.43	0.08	0.02	0.11
08ES 0154	L	<	0.6	26	11	125	11	<	250	2	<	<	0.6	9	29	393	<	26	51	259	10	50	1	2	0.02	1.24	0.56	1.88	0.45	0.05	0.02	0.08
08ES 0155	L	<	0.4	28	12	96	11	<	190	3	<	<	1.1	9	27	444	<	21	54	629	11	51	1	1	0.01	1.02	0.56	1.82	0.38	0.06	0.02	0.07
08ES 0156	L	<	0.3	17	7	81	9	<	115	2	<	<	0.4	6	18	274	<	20	45	186	10	32	1	1	0.02	0.99	0.35	1.70	0.39	0.05	0.02	0.06
08ES 0157	L	<	0.3	27	8	135	6	<	140	2	<	<	1.2	8	29	349	<	20	38	154	11	55	1	2	0.02	1.00	0.62	1.55	0.43	0.06	0.02	0.08
08ES 0158	L	<	0.4	34	9	113	9	<	205	2	<	<	1.1	8	28	480	<	23	42	276	12	69	1	2	0.02	1.19	0.73	1.85	0.49	0.07	0.02	0.09
08ES 0159	L	<	0.3	58	15	178	12	<	130	5	<	<	0.6	16	39	525	<	38	64	728	21	63	2	4	0.01	1.64	0.54	3.47	1.06	0.26	0.02	0.12
08ES 0160	L	<	0.4	41	10	122	9	<	440	3	<	<	1.7	10	26	591	<	20	41	645	13	78	1	1	<	1.22	1.02	2.13	0.52	0.08	0.02	0.12
08ES 0161	L	<	0.5	40	12	96	9	<	180	3	<	<	0.9	8	26	605	<	21	45	370	14	68	1	1	0.01	1.16	0.79	2.07	0.48	0.08	0.02	0.10
08ES 0162	L	<	0.3	40	12	140	12	<	135	3	<	<	2.2	10	29	648	<	22	45	304	14	62	1	2	0.01	1.41	0.68	2.46	0.60	0.10	0.02	0.09
08ES 0163	L	<	0.4	23	9	92	9	<	130	2	<	<	0.6	7	23	333	<	21	39	186	9	50	1	1	0.02	1.09	0.60	1.65	0.45	0.06	0.02	0.07
08ES 0164	L	<	0.3	30	10	104	9	<	145	2	<	<	0.8	7	26	335	<	19	34	133	11	50	1	1	0.02	1.03	0.56	1.45	0.40	0.06	0.02	0.08
08ES 0165	L	<	0.3	33	8	121	11	<	160	3	<	<	1.1	8	26	357	<	21	35	113	11	70	1	2	0.02	1.05	0.84	1.56	0.46	0.06	0.02	0.09
08ES 0166	L	<	0.4	34	8	119	10	<	170	2	<	<	0.9	8	29	386	<	23	46	199	13	61	2	2	0.02	1.17	0.74	1.84	0.49	0.07	0.02	0.09
08ES 0167	L	<	0.4	30	10	110	12	<	160	2	<	<	0.7	9	27	367	<	22	47	232	12	58	1	2	0.02	1.16	0.69	1.74	0.45	0.06	0.02	0.09
08ES 0168	L	<	0.4	47	11	263	12	<	265	5	<	<	2.5	9	39	353	<	21	71	272	14	67	3	2	0.01	1.15	1.01	2.17	0.68	0.08	0.02	0.10
08ES 0169	L	<	0.5	52	10	263	12	<	420	5	<	<	2.6	9	44	306	<	21	57	401	13	78	2	2	0.01	1.09	1.05	2.09	0.59	0.08	0.02	0.11
08ES 0170	L	<	0.5	39	8	114	12	<	270	2	<	<	1.4	8	31	392	<	21	47	436	14	97	3	2	0.01	1.19	1.30	1.76	0.73	0.06	0.02	0.10
08ES 0171	L	<	0.4	31	9	167	10	<	200	3	<	<	1.0	9	28	364	<	22	43	159	14	56	2	2	0.02	1.19	0.81	1.81	0.54	0.07	0.02	0.09
08ES 0172	L	<	0.8	30	12	71	16	<	325	4	<	<	0.4	7	22	414	<	32	86	199	12	42	1	2	0.03	1.31	0.29	2.45	0.47	0.05	0.02	0.07
08ES 0173	L	<	0.3	28	10	83	8	<	105	3	<	<	0.5	8	23	256	<	20	47	161	12	45	2	2	0.02	1.03	0.56	1.83	0.47	0.06	0.02	0.07
09ES 0262	L	<	0.3	67	9	139	9	<	290	6	<	<	1.2	10	30	683	<	38	47	795	9	40	2	3	<	0.62	0.40	2.66	0.28	0.13	0.02	0.08
09ES 0263	L	<	0.3	64	13	168	7	<	365	6	<	<	1.7	11	34	601	<	38	58	635	9	42	2	3	<	0.67	0.33	2.79	0.30	0.13	0.02	0.10
09ES 0264	L	<	0.5	58	12	146	8	<	375	6	<	<	1.5	9	36	574	<	37	94	569	9	77	2	2	<	0.68	0.54	2.67	0.27	0.13	0.02	0.13
09ES 0265	L	<	0.3	72	12	227	9	<	180	6	<	<	2.1	13	47	741	<	43	77	729	12	70	3	3	<	1.08	0.45	3.12	0.53	0.22	0.02	0.16
09ES 0266	L	<	0.3	66	13	325	10	<	400	6	<	<	3.2	14	59	708	<	44	100	688	12	72	3	3	<	1.04	0.47	3.21	0.47	0.22	0.02	0.15
09ES 0267	L	6	0.6	68	13	338	12	5	380	9	<	<	2.8	13	51	647	<	66	100	1145	7	56	2	3	<	0.52	0.26	3.30	0.11	0.13	0.02	0.10
09ES 0268	L	<	0.5	67	14	350	12	<	290	9	<	<	2.4	14	50	707	<	65	99	959	8	56	2	3	<	0.54	0.27	3.20	0.10	0.11	0.01	0.11
09ES 0269	L	6	0.9	43	14	505	10	<	610	5	<	<	4.1	10	51	354	<	21	72	558	10	51	1	2	0.01	0.91	0.56	2.11	0.32	0.07	0.02	0.10
09ES 0270	L	<	0.4	63	14	447	15	<	230	10	<	<	3.7	16	65	607	<	46	95	1269	10	65	2	2	<	0.82	0.41	3.20	0.29	0.15	0.01	0.14
09ES 0271	L	<	0.4	63	11	447	6	<	270	6	<	<	3.2	14	58	495	<	20	65	930	10	49	2	3	<	0.93	0.43	2.91	0.43	0.13	0.02	0.10
Min Limit		5	0.1	1	2	1	5	5	5	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*		9999	99.9	20000	20000	20000	9999	999	9999	999	999	9999	99.9	9999	9999	9999	999	9999	9999	9999	9999	9999	9999	9999	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method		GeoS	ICP	ICP	ICP	ICP	ICP	ICP	CVA	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % L=Silt N=No Sample S=Soil

INTERNATIONAL PLASMA LABORATORY LTD.

CERTIFICATE OF ANALYSIS
iPL 97I0915

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Client : Nicholson & Associates
Project: PFC

758 Samples

753=Silt 2=No Sample 3=Soil [091510:20:28:79092997]

Out: Sep 26, 1997
In : Sep 16, 1997

Sample Name		Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppb	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
09ES 0272	L	<	0.4	64	12	444	7	<	180	9	<	<	3.0	16	64	695	<	37	88	1259	11	56	3	3	<	0.96	0.39	3.12	0.44	0.18	0.01	0.11
09ES 0273	L	6	0.9	83	11	547	17	5	310	12	<	<	6.4	16	71	590	<	30	179	1307	13	75	2	3	0.01	1.16	0.73	2.80	0.51	0.15	0.02	0.15
09ES 0274	L	<	0.4	82	17	638	23	5	205	13	<	<	7.2	25	94	930	<	30	158	2489	14	86	4	4	<	1.27	0.61	3.66	0.51	0.28	0.02	0.21
09ES 0275	L	<	0.4	79	14	650	18	5	180	15	<	<	7.8	25	98	1031	<	31	159	2956	14	75	3	4	<	1.21	0.47	3.95	0.50	0.23	0.02	0.15
09ES 0276	L	<	0.6	79	14	469	10	<	265	9	<	<	4.9	17	66	869	<	27	124	1739	13	104	2	4	0.01	1.23	0.73	3.31	0.56	0.27	0.02	0.18
09ES 0277	L	<	0.4	98	16	263	8	<	225	8	<	<	1.8	14	51	744	<	28	104	918	12	119	2	4	<	1.35	0.59	3.73	0.56	0.35	0.02	0.15
09ES 0278	L	<	0.5	94	18	629	20	<	280	15	<	<	5.8	21	93	926	<	32	168	1881	15	101	3	4	0.01	1.38	0.72	3.87	0.55	0.29	0.02	0.16
09ES 0279	L	<	0.6	107	17	792	26	8	265	43	<	<	4.7	17	115	766	<	27	249	1060	14	81	5	4	<	0.97	0.49	3.66	0.35	0.24	0.02	0.13
09ES 0280	L	<	0.3	85	13	569	16	5	220	19	<	<	3.9	17	83	922	<	28	160	1174	14	81	3	4	<	1.07	0.52	3.64	0.40	0.26	0.02	0.14
09ES 0281	L	<	0.4	78	12	586	12	5	225	12	<	<	5.0	17	79	751	<	25	144	1455	10	72	2	3	<	1.03	0.46	3.21	0.40	0.22	0.02	0.13
09ES 0282	L	<	0.6	72	12	497	9	<	260	10	<	<	5.5	16	73	610	<	21	101	1235	10	68	2	3	<	0.87	0.56	2.93	0.38	0.15	0.02	0.11
09ES 0283	L	<	0.6	73	15	556	11	<	270	11	<	<	4.5	16	72	621	<	23	126	1122	11	78	2	3	<	0.93	0.67	3.02	0.37	0.18	0.02	0.12
09ES 0284	L	<	0.5	79	12	424	11	<	220	9	<	<	3.8	15	69	773	<	21	117	1610	11	85	3	3	<	0.85	0.70	3.02	0.40	0.21	0.02	0.14
09ES 0285	L	<	0.6	74	17	631	8	<	365	10	<	<	5.9	11	63	769	<	25	127	488	10	74	3	3	<	0.96	0.51	2.71	0.41	0.22	0.02	0.14
09ES 0286	L	<	0.8	68	12	597	9	5	410	8	<	<	6.1	11	65	784	<	28	117	566	11	94	2	3	<	1.04	0.73	2.53	0.41	0.25	0.02	0.20
09ES 0287	L	<	0.7	82	16	780	15	<	400	12	<	<	7.1	16	84	763	<	27	141	1358	12	91	2	4	0.01	1.11	0.72	3.20	0.49	0.23	0.02	0.16
09ES 0288	L	<	0.8	94	15	913	17	<	425	14	<	<	7.6	19	102	870	<	34	172	1406	15	110	3	4	0.01	1.39	0.94	3.72	0.57	0.28	0.02	0.20
09ES 0289	L	<	0.7	82	14	607	11	<	285	10	<	<	4.5	15	82	793	<	31	126	928	11	83	4	4	<	0.97	0.57	3.03	0.43	0.27	0.02	0.16
09ES 0290	L	<	0.8	91	15	836	14	5	395	13	<	<	5.7	16	94	743	<	29	149	1093	13	97	3	4	<	1.07	0.68	3.38	0.48	0.24	0.02	0.16
09ES 0291	L	<	0.9	105	16	878	15	6	440	15	<	<	7.4	17	100	680	<	28	155	1281	13	99	3	4	0.01	1.09	0.87	3.52	0.51	0.22	0.02	0.17
09ES 0292	L	<	0.7	89	13	677	10	6	385	12	<	<	4.7	13	78	536	<	24	126	761	12	81	2	3	0.01	0.99	0.68	3.00	0.47	0.16	0.02	0.14
09ES 0293	L	<	0.7	98	16	782	37	8	340	17	<	<	6.0	15	92	690	<	29	184	1006	12	127	4	4	<	0.90	0.77	3.47	0.37	0.20	0.02	0.23
09ES 0294	L	<	0.9	84	15	580	30	7	290	14	<	<	4.8	11	84	720	<	34	172	627	11	115	3	4	<	0.79	0.64	3.05	0.32	0.16	0.02	0.16
09ES 0296	L	12	0.8	102	16	849	20	9	360	17	<	<	7.0	27	267	734	<	103	191	1370	13	119	3	4	0.01	1.06	0.83	3.99	0.44	0.19	0.02	0.17
09ES 0297	L	<	0.8	114	21	1011	32	11	325	20	<	<	7.7	22	139	776	<	46	223	1399	16	136	4	5	<	1.20	0.77	4.34	0.52	0.26	0.02	0.19
09ES 0298	L	<	0.6	82	15	692	21	<	390	13	<	<	4.8	18	128	782	<	52	156	907	11	96	4	4	<	1.00	0.56	3.28	0.41	0.27	0.02	0.17
09ES 0299	L	<	0.7	86	12	722	11	<	310	13	<	<	5.2	16	101	721	<	35	151	1120	11	90	3	4	<	0.90	0.57	3.29	0.41	0.23	0.02	0.16
09ES 0300	L	<	0.8	110	14	960	19	7	430	17	<	<	8.4	21	146	678	<	45	180	1647	13	117	3	4	<	1.09	0.94	3.81	0.52	0.20	0.02	0.17
09ES 0301	L	<	0.8	107	19	893	13	6	380	15	<	<	6.4	18	103	670	<	29	165	1372	12	91	3	4	<	1.00	0.66	3.50	0.46	0.23	0.02	0.17
09ES 0302	L	<	0.6	77	12	643	10	5	245	11	<	<	4.2	14	72	674	<	21	121	957	10	89	4	3	<	0.79	0.73	3.08	0.47	0.20	0.02	0.18
09ES 0303	L	<	0.6	94	15	851	12	5	310	14	<	<	5.9	17	103	749	<	29	146	1303	12	97	4	4	<	0.94	0.70	3.52	0.46	0.22	0.02	0.20
09ES 0304	L	<	1.1	80	13	645	10	6	245	10	<	<	5.2	14	75	650	<	27	107	874	12	81	3	3	<	0.95	0.74	2.93	0.54	0.22	0.02	0.15
09ES 0305	L	<	0.5	81	16	690	8	<	275	12	<	<	4.2	18	90	643	<	30	129	1024	14	118	3	4	<	1.21	0.66	3.34	0.65	0.28	0.02	0.19
09ES 0306	L	<	0.2	55	14	347	11	<	145	6	<	<	2.2	13	45	624	<	27	84	443	18	74	4	4	0.01	1.66	0.91	3.02	1.07	0.30	0.02	0.17
09ES 0307	L	<	0.3	49	12	387	12	<	155	7	<	<	2.7	13	46	576	<	26	85	487	16	59	4	4	0.01	1.54	0.59	2.95	0.95	0.29	0.02	0.13
09ES 0308	L	<	0.4	56	13	402	10	<	175	8	<	<	2.7	13	52	643	<	25	104	576	13	66	5	4	<	1.35	0.59	2.88	0.78	0.33	0.02	0.17
09ES 0309	L	6	0.6	100	14	507	7	<	170	8	<	<	2.9	22	82	796	<	43	93	1117	13	93	5	4	<	1.22	0.74	3.52	0.67	0.32	0.02	0.25
09ES 0310	L	<	0.5	71	16	425	13	<	250	7	<	<	2.4	13	55	635	<	37	95	591	14	73	5	4	<	1.21	0.61	3.05	0.73	0.29	0.02	0.19
09ES 0311	L	<	0.4	70	15	548	13	<	210	9	<	<	2.8	14	66	731	<	25	109	686	14	90	4	4	<	1.35	0.72	3.24	0.76	0.31	0.02	0.21
Min Limit		5	0.1	1	2	1	5	5	5	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*		9999	99.9	20000	20000	20000	9999	999	9999	999	999	9999	99.9	9999	9999	9999	999	9999	9999	9999	9999	9999	9999	9999	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method		GeoS	ICP	ICP	ICP	ICP	ICP	ICP	CVA	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % L=Silt N=No Sample S=Soil

INTERNATIONAL PLASMA LABORATORY LTD.

CERTIFICATE OF ANALYSIS

iPL 97I0915

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Client : Nicholson & Associates
Project: PFC

758 Samples

753=Silt 2=No Sample 3=Soil [091510:20:28:79092997]

Out: Sep 26, 1997
In : Sep 16, 1997

Sample Name		Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppb	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
09ES 0312	L	<	0.6	65	14	666	12	<	300	9	<	<	5.4	13	70	620	<	23	101	645	12	78	3	3	0.01	1.10	0.77	2.54	0.57	0.19	0.02	0.14
09ES 0313	L	<	0.6	63	11	471	12	<	180	7	<	<	3.1	12	61	752	<	24	90	583	12	81	4	4	<	1.18	0.60	2.65	0.60	0.33	0.02	0.18
09ES 0314	L	<	0.5	85	18	672	36	<	280	12	<	<	3.8	18	86	932	<	32	156	1094	15	113	5	4	<	1.45	0.83	3.56	0.65	0.42	0.02	0.27
09ES 0316	L	8	0.7	87	13	189	13	<	570	7	<	<	2.2	14	138	898	<	29	81	1596	10	48	3	4	<	1.46	0.43	2.81	0.68	0.45	0.02	0.11
09ES 0317	L	6	0.5	54	15	145	15	<	315	4	<	<	1.4	9	84	608	<	26	123	779	9	66	1	2	0.01	1.01	0.67	2.30	0.32	0.16	0.02	0.13
09ES 0319	L	<	0.6	44	12	108	17	<	140	5	<	<	1.2	10	37	615	<	28	107	850	12	52	1	2	0.02	1.21	0.48	2.44	0.40	0.12	0.02	0.13
09ES 0320	L	<	0.4	75	10	176	16	<	200	9	<	<	2.6	15	126	1056	<	32	136	3858	8	91	1	3	<	0.82	0.34	3.40	0.18	0.20	0.02	0.17
09ES 0321	L	<	0.4	89	11	277	23	<	180	10	<	<	4.4	28	249	1084	<	32	113	8681	10	68	1	3	0.01	1.17	0.42	4.10	0.30	0.16	0.02	0.16
09ES 0322	L	<	0.5	77	9	296	<	<	100	10	<	<	2.7	34	207	893	<	57	128	7114	8	48	1	3	<	0.99	0.26	7.19	0.23	0.18	0.02	0.14
09ES 0323	L	<	0.3	154	9	567	6	<	170	18	<	<	8.6	88	471	1191	<	64	218	1.8%	9	76	2	4	0.01	1.38	0.44	11%	0.24	0.19	0.02	0.23
09ES 0324	L	<	0.4	85	9	309	10	<	85	8	<	<	2.9	27	204	831	<	27	116	5609	7	47	1	3	<	0.90	0.26	6.18	0.18	0.15	0.02	0.12
09ES 0325	L	<	0.4	73	7	330	8	<	185	7	<	<	3.5	23	212	1039	<	27	129	1.3%	7	63	2	3	0.01	0.91	0.34	6.23	0.20	0.17	0.02	0.16
09ES 0326	L	<	0.2	76	11	310	8	<	85	5	<	<	1.9	18	99	694	<	43	125	2250	11	87	1	3	0.01	1.24	0.59	5.27	0.44	0.22	0.02	0.21
09ES 0327	L	<	0.4	78	17	418	<	<	95	8	<	<	1.9	25	109	689	<	45	209	3013	21	83	4	5	0.02	2.31	0.62	7.16	1.38	0.50	0.02	0.24
09ES 0328	L	<	0.2	101	12	526	10	<	145	11	<	<	5.5	39	320	1334	<	48	216	1.1%	14	75	2	4	0.01	1.73	0.47	8.03	0.64	0.31	0.02	0.18
09ES 0329	L	<	0.2	59	15	184	13	<	200	5	<	<	0.9	17	42	717	<	32	72	791	15	56	1	4	0.02	1.55	0.42	3.42	0.54	0.30	0.02	0.12
09ES 0330	L	<	0.2	56	14	200	11	<	65	5	<	<	0.8	16	43	699	<	31	79	594	15	57	1	4	0.02	1.63	0.44	3.55	0.57	0.28	0.02	0.13
09ES 0331	L	<	0.2	61	16	253	10	<	75	7	<	<	1.1	20	71	709	<	31	103	1412	15	65	2	4	0.01	1.57	0.44	4.73	0.59	0.31	0.02	0.17
09ES 0332	L	6	0.2	56	13	186	8	<	80	4	<	<	0.8	13	44	597	<	28	70	524	16	73	2	4	0.02	1.55	0.55	3.30	0.75	0.27	0.02	0.16
09ES 0334	L	<	0.2	65	14	198	9	<	75	5	<	<	0.7	15	45	593	<	28	83	683	17	97	3	4	0.01	1.64	0.66	3.79	0.75	0.36	0.02	0.26
09ES 0335	L	<	0.2	66	18	267	11	<	70	7	<	<	1.0	21	73	637	<	34	104	1225	16	59	1	4	0.02	1.69	0.47	4.95	0.59	0.21	0.02	0.16
09ES 0336	L	<	0.1	70	10	184	9	<	100	4	<	<	1.1	14	61	777	<	24	70	1642	13	58	2	3	0.01	1.12	0.36	3.47	0.41	0.25	0.02	0.13
09ES 0337	L	<	0.3	62	13	180	6	<	85	7	<	<	0.8	16	91	774	<	66	80	2164	16	66	3	4	0.02	1.06	0.52	3.08	0.77	0.30	0.02	0.10
09ES 0338	L	<	0.2	72	17	245	7	<	95	9	<	<	0.8	21	100	817	<	46	116	1134	18	72	4	4	0.01	1.44	0.48	4.12	0.76	0.40	0.02	0.15
09ES 0339	L	<	0.2	56	12	201	7	<	100	5	<	<	0.6	17	75	619	<	48	99	759	16	62	1	4	0.03	1.48	0.47	3.91	0.76	0.25	0.02	0.13
09ES 0340	L	<	0.2	70	12	232	7	<	90	7	<	<	0.8	22	128	699	<	72	105	1263	16	67	3	4	0.01	1.36	0.47	4.20	0.74	0.31	0.02	0.15
09ES 0341	L	<	0.2	58	17	231	11	<	100	5	<	<	1.2	18	73	659	<	33	94	903	15	68	2	4	0.01	1.58	0.42	3.92	0.72	0.32	0.02	0.15
09ES 0342	L	<	0.2	60	10	191	5	<	245	8	<	<	1.0	16	56	668	<	30	80	1523	14	67	3	3	<	1.08	0.44	3.66	0.53	0.27	0.02	0.15
09ES 0343	L	<	0.2	59	15	208	8	<	95	6	<	<	1.2	18	71	680	<	30	83	2656	14	66	2	4	0.01	1.20	0.43	3.79	0.60	0.27	0.02	0.14
09ES 0344	L	<	0.2	64	11	201	9	<	240	7	<	<	1.6	18	66	689	<	28	84	2205	13	59	4	4	<	1.06	0.32	3.62	0.53	0.26	0.02	0.11
09ES 0345	L	12	0.1	72	18	218	12	<	70	6	<	<	1.8	19	83	738	<	32	82	2499	16	62	3	4	0.01	1.32	0.41	3.80	0.63	0.32	0.02	0.14
09ES 0346	L	<	0.1	54	12	182	7	<	75	4	<	<	1.6	17	68	774	<	30	73	2319	14	57	3	5	<	1.23	0.30	3.34	0.62	0.31	0.02	0.11
09ES 0347	L	<	0.2	64	13	214	10	<	135	6	<	<	2.0	17	76	814	<	29	94	2546	14	66	3	4	0.01	1.31	0.39	3.55	0.57	0.35	0.02	0.14
09ES 0348	L	<	0.2	54	15	203	14	<	110	4	<	<	1.6	16	69	856	<	33	87	1984	15	73	2	4	0.01	1.52	0.47	3.50	0.63	0.38	0.02	0.16
09ES 0349	L	<	0.2	59	15	198	13	<	105	5	<	<	1.4	16	58	739	<	30	96	1476	15	68	2	4	0.01	1.44	0.46	3.61	0.61	0.35	0.02	0.15
09ES 0350	L	6	0.2	58	12	200	12	<	135	5	<	<	1.8	16	69	894	<	30	82	2069	16	98	2	4	0.01	1.43	0.56	3.27	0.71	0.37	0.02	0.22
09ES 0351	L	<	0.1	56	12	191	5	<	85	5	<	<	1.4	14	59	706	<	25	71	1664	13	55	3	4	<	1.30	0.33	3.68	0.65	0.33	0.02	0.12
09ES 0352	L	14	0.3	45	11	153	21	<	175	3	<	<	1.8	12	47	526	<	27	53	759	15	76	1	3	0.02	1.43	0.75	2.52	0.70	0.23	0.02	0.18
09ES 0353	L	<	0.2	44	12	162	7	<	170	4	<	<	1.6	13	49	580	<	27	61	1139	13	57	1	3	0.02	1.14	0.47	2.71	0.51	0.17	0.02	0.12
Min Limit		5	0.1	1	2	1	5	5	5	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*		9999	99.9	20000	20000	20000	9999	999	9999	999	999	9999	99.9	9999	9999	9999	999	9999	9999	9999	9999	9999	9999	9999	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method		GeoS	ICP	ICP	ICP	ICP	ICP	ICP	CVA	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % L=Silt N=No Sample S=Soil

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Client : Nicholson & Associates
Project: PFC

758 Samples
753=Silt 2=No Sample 3=Soil [091510:20:28:79092997]

Out: Sep 26, 1997
In : Sep 16, 1997

Sample Name		Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppb	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
09ES 0354	L	<	0.2	57	14	166	10	<	145	5	<	<	1.7	15	47	698	<	32	65	1027	15	58	2	4	0.02	1.26	0.52	3.29	0.56	0.20	0.02	0.13
09ES 0355	L	<	0.1	51	14	189	10	<	105	4	<	<	1.2	15	51	730	<	25	66	1252	14	58	2	4	0.01	1.32	0.35	3.42	0.62	0.28	0.02	0.12
10ES 0216	L	14	0.5	36	70	105	648	15	390	3	<	<	1.0	17	14	172	<	23	50	768	44	54	3	5	0.08	0.94	0.50	2.94	0.41	0.20	0.04	0.13
10ES 0217	L	24	0.6	47	81	120	625	15	380	4	<	<	0.4	18	22	237	<	42	64	626	55	72	3	7	0.09	1.35	0.70	3.32	0.62	0.22	0.04	0.19
10ES 0218	L	30	0.7	64	99	133	985	15	470	4	<	<	0.4	21	23	241	<	47	69	904	55	78	2	8	0.08	1.72	0.70	3.79	0.67	0.20	0.04	0.15
10ES 0219	L	32	0.7	79	92	125	926	16	280	4	<	<	0.8	22	21	209	<	37	69	828	55	72	2	8	0.09	1.56	0.73	3.58	0.62	0.19	0.04	0.17
10ES 0220	L	34	0.5	85	66	122	733	14	230	4	<	<	0.2	25	36	552	<	63	94	542	52	91	3	8	0.13	2.31	0.72	4.28	1.13	0.24	0.06	0.17
10ES 0221	L	36	0.6	80	85	115	905	13	260	4	<	<	<	24	31	388	<	59	83	857	50	69	2	8	0.08	2.18	0.50	4.26	0.93	0.13	0.04	0.13
10ES 0222	L	10	0.2	49	27	77	321	7	120	2	<	<	0.6	16	26	294	<	47	72	382	30	50	3	5	0.12	1.61	0.55	2.82	0.74	0.18	0.05	0.13
10ES 0223	L	30	0.7	76	68	112	701	10	230	4	<	<	0.3	21	27	373	<	52	77	720	41	72	2	6	0.09	1.91	0.62	3.71	0.88	0.19	0.04	0.14
10ES 0224	L	76	0.7	120	89	125	1507	14	315	4	<	<	0.1	26	37	388	<	55	85	764	50	86	3	8	0.11	2.18	0.84	4.16	1.10	0.25	0.05	0.15
10ES 0225	L	58	0.7	104	87	124	1111	13	250	3	<	<	0.1	25	35	407	<	56	86	781	49	81	2	8	0.10	2.23	0.77	4.18	1.05	0.21	0.05	0.15
10ES 0232	L	24	0.4	64	49	96	455	12	355	3	<	<	0.7	22	22	586	<	32	75	811	40	59	4	7	0.12	1.39	0.61	3.56	0.66	0.36	0.07	0.14
10ES 0233	L	12	0.5	78	57	111	761	9	195	3	<	<	0.6	23	24	375	<	40	80	809	46	58	2	7	0.15	1.65	0.68	3.61	0.84	0.28	0.05	0.15
10ES 0234	L	16	0.6	79	60	120	729	10	200	3	<	<	0.6	23	26	361	<	42	79	810	47	61	2	7	0.14	1.74	0.74	3.55	0.84	0.26	0.05	0.16
10ES 0235	L	16	0.6	90	64	123	829	12	200	3	<	<	0.8	25	30	399	<	48	89	884	52	67	2	8	0.15	1.97	0.81	3.94	0.95	0.30	0.06	0.18
10ES 0236	L	12	0.4	69	49	100	599	8	145	2	<	<	0.4	21	26	341	<	40	74	693	42	55	2	6	0.13	1.62	0.70	3.33	0.78	0.23	0.05	0.16
10ES 0237	L	14	0.4	83	59	134	771	15	170	3	<	<	1.0	24	32	353	<	42	81	856	50	58	2	7	0.13	1.71	0.77	3.75	0.85	0.27	0.05	0.18
10ES 0238	L	20	0.4	83	57	129	744	10	155	3	<	<	0.9	23	34	341	<	41	78	797	48	57	2	6	0.12	1.70	0.76	3.65	0.84	0.24	0.05	0.18
10ES 0239	L	20	0.5	82	54	135	703	9	150	4	<	<	1.1	25	45	359	<	41	79	843	46	58	2	6	0.11	1.70	0.73	3.77	0.84	0.23	0.04	0.17
10ES 0240	L	16	0.5	76	53	122	627	8	185	4	<	<	0.9	23	39	352	<	39	76	738	41	54	2	6	0.12	1.61	0.65	3.57	0.80	0.24	0.05	0.15
10ES 0243	L	16	0.5	85	57	134	730	13	190	3	<	<	0.8	26	43	404	<	47	88	835	47	65	3	7	0.13	1.89	0.81	4.03	0.92	0.27	0.05	0.17
10ES 0244	L	18	0.4	85	53	149	665	10	155	3	<	<	1.2	26	45	404	<	48	89	692	48	67	3	7	0.16	2.01	0.82	3.98	0.98	0.29	0.06	0.17
10ES 0245	L	14	0.5	86	61	140	732	10	160	3	<	<	0.8	27	44	412	<	47	89	879	47	67	3	7	0.16	2.03	0.79	4.03	0.99	0.30	0.06	0.16
10ES 0246	L	14	0.4	79	51	136	648	11	140	2	<	<	0.9	25	41	395	<	45	86	759	46	64	2	7	0.15	1.89	0.79	3.84	0.91	0.27	0.06	0.17
10ES 0247	L	16	0.4	80	53	149	648	10	235	3	<	<	0.7	27	44	447	<	45	86	891	44	63	3	7	0.16	1.82	0.73	4.05	0.91	0.30	0.06	0.16
10ES 0248	L	12	0.4	71	50	131	546	9	150	3	<	<	0.7	24	38	385	<	39	76	725	40	56	3	6	0.13	1.57	0.65	3.69	0.81	0.24	0.05	0.15
10ES 0249	L	14	0.3	83	52	148	595	11	140	3	<	<	0.7	26	45	460	<	43	87	839	42	60	3	7	0.14	1.76	0.72	4.20	0.90	0.28	0.05	0.17
10ES 0250	L	16	0.4	93	54	162	679	12	155	3	<	<	0.8	31	51	469	<	47	90	1145	44	65	3	7	0.15	1.94	0.77	4.39	0.99	0.29	0.05	0.17
10ES 0251	L	6	0.4	75	29	135	271	6	295	3	<	<	0.3	24	61	1009	<	56	108	642	30	62	4	6	0.12	1.85	0.75	4.23	1.13	0.32	0.09	0.16
10ES 0252	L	16	0.5	94	55	167	695	10	155	3	<	<	0.8	32	53	475	<	49	92	1053	46	65	3	8	0.16	2.06	0.80	4.43	1.03	0.30	0.05	0.16
10ES 0253	L	20	0.5	87	57	155	609	9	225	3	<	<	0.5	28	49	436	<	46	86	865	42	59	3	7	0.14	1.92	0.74	4.13	0.95	0.27	0.05	0.15
10ES 0254	L	28	0.7	83	73	148	333	8	290	4	<	<	0.4	23	65	613	<	54	94	664	30	57	3	6	0.09	1.79	0.75	4.14	0.93	0.28	0.06	0.16
10ES 0255	L	<	0.5	62	25	128	172	5	115	3	<	<	<	24	49	784	<	43	105	589	28	49	3	6	0.14	1.82	0.61	4.14	1.00	0.31	0.07	0.12
10ES 0256	L	<	0.5	61	24	126	206	6	125	4	<	<	0.4	23	50	680	<	43	97	680	30	51	4	6	0.10	1.68	0.74	4.03	0.89	0.30	0.07	0.19
10ES 0258	L	<	0.2	75	15	154	21	5	105	5	<	<	2.1	12	45	726	<	31	91	450	10	99	2	4	0.02	2.52	0.62	3.44	1.55	0.59	0.02	0.18
10ES 0259	L	6	0.3	37	11	108	13	<	70	4	<	<	0.7	10	26	375	<	25	54	286	14	44	1	2	0.03	1.36	0.36	2.36	0.59	0.13	0.02	0.11
10ES 0260	L	<	0.4	73	11	176	18	<	155	5	<	<	2.0	11	40	646	<	29	90	291	18	151	3	4	0.01	2.02	0.88	2.99	1.06	0.52	0.02	0.35
10ES 0261	L	<	0.4	34	9	93	10	<	80	3	<	<	0.6	10	20	592	<	21	47	776	12	151	2	1	0.01	1.20	1.23	1.89	0.57	0.12	0.02	0.13
Min Limit		5	0.1	1	2	1	5	5	5	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*		9999	99.9	20000	20000	20000	9999	999	9999	999	999	9999	99.9	9999	9999	9999	999	9999	9999	9999	9999	9999	9999	9999	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method		GeoS	ICP	ICP	ICP	ICP	ICP	ICP	CVA	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % L=Silt N=No Sample S=Soil

INTERNATIONAL PLASMA LABORATORY LTD.

CERTIFICATE OF ANALYSIS

iPL 97I0915

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Client : Nicholson & Associates
Project: PFC

758 Samples

753=Silt 2=No Sample 3=Soil [091510:20:28:79092997]

Out: Sep 26, 1997
In : Sep 16, 1997

Sample Name	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppb	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
10ES 0262 L	<	0.4	36	12	83	23	<	110	7	<	<	0.6	7	30	860	<	26	97	373	10	82	1	1	0.01	1.39	0.65	2.12	0.48	0.08	0.02	0.16
10ES 0263 L	<	0.5	41	9	99	14	<	330	4	<	<	0.2	7	31	711	<	24	75	246	12	73	1	1	0.01	1.36	0.53	1.95	0.46	0.09	0.02	0.15
10ES 0264 L	<	0.4	49	12	156	13	<	215	6	<	<	1.6	11	32	621	<	26	94	613	11	98	2	2	0.01	1.42	0.67	2.65	0.57	0.23	0.02	0.15
10ES 0265 L	<	0.5	34	11	97	10	5	230	2	<	<	0.9	8	22	677	<	22	45	407	9	136	2	2	0.02	1.09	1.39	1.49	0.46	0.09	0.02	0.14
10ES 0266 L	<	0.4	44	9	118	12	<	225	3	<	<	1.1	7	32	587	<	23	50	237	10	149	1	2	0.02	1.25	1.38	1.75	0.59	0.11	0.02	0.14
10ES 0267 L	<	0.4	34	<	109	6	<	260	2	<	<	1.6	6	23	529	<	17	30	460	8	151	2	1	0.02	0.89	1.56	1.22	0.51	0.08	0.02	0.11
10ES 0268 L	<	0.5	67	11	194	7	<	370	4	<	<	2.6	11	46	683	<	24	53	384	13	90	1	2	0.01	1.20	0.80	2.38	0.48	0.13	0.02	0.13
10ES 0269 L	<	0.3	72	14	182	10	<	345	5	<	<	2.1	12	46	780	<	25	62	545	12	72	1	3	<	1.11	0.49	2.69	0.47	0.25	0.02	0.13
10ES 0270 L	<	0.4	85	12	206	6	<	210	5	<	<	2.3	13	53	811	<	27	66	609	12	79	1	3	<	1.17	0.57	2.94	0.50	0.25	0.02	0.16
10ES 0271 L	<	0.5	73	12	176	8	<	265	5	<	<	2.3	15	59	634	<	22	46	743	11	75	1	2	<	0.92	0.57	2.23	0.39	0.17	0.02	0.12
10ES 0272 L	<	0.3	72	13	185	7	<	170	6	<	<	1.9	11	43	726	<	25	61	485	11	62	2	4	<	1.11	0.39	2.66	0.44	0.27	0.02	0.11
10ES 0273 L	<	0.3	78	14	167	5	<	280	5	<	<	1.9	13	45	768	<	23	59	713	11	77	1	3	<	1.04	0.46	2.81	0.42	0.25	0.02	0.14
10ES 0274 L	<	0.3	72	13	169	5	<	230	5	<	<	1.9	12	40	760	<	25	64	603	12	75	1	4	<	1.15	0.60	2.90	0.50	0.22	0.02	0.12
10ES 0275 L	<	0.3	81	11	182	10	<	230	5	<	<	2.1	12	44	860	<	27	66	486	12	76	1	3	0.01	1.27	0.56	2.66	0.49	0.29	0.02	0.13
10ES 0276 L	<	0.3	73	12	185	8	<	255	5	<	<	2.1	13	44	768	<	27	66	704	12	77	1	3	<	1.28	0.54	2.90	0.49	0.27	0.02	0.13
10ES 0277 L	<	0.3	73	9	168	5	<	240	4	<	<	1.9	11	41	745	<	27	64	494	13	86	1	3	0.01	1.22	0.68	2.65	0.48	0.26	0.02	0.19
10ES 0278 L	8	0.6	73	13	194	7	<	390	4	<	<	2.4	10	44	688	<	26	57	350	13	91	1	3	0.01	1.22	0.76	2.45	0.48	0.15	0.02	0.14
10ES 0279 L	<	0.4	71	11	198	7	<	285	5	<	<	2.5	12	45	640	<	22	57	633	12	76	1	3	<	1.06	0.60	2.68	0.44	0.18	0.02	0.12
10ES 0280 L	10	0.4	68	12	186	5	<	365	4	<	<	2.3	10	41	597	<	21	50	421	11	83	1	2	0.01	1.01	0.71	2.29	0.43	0.15	0.02	0.12
10ES 0281 L	6	0.3	65	9	160	7	<	520	4	<	<	1.5	10	36	604	<	20	51	434	10	60	1	3	<	0.93	0.44	2.30	0.43	0.21	0.02	0.11
10ES 0282 L	<	0.4	63	12	165	<	<	195	4	<	<	1.7	11	40	760	<	25	54	443	12	68	1	3	<	1.14	0.47	2.70	0.47	0.21	0.02	0.11
10ES 0283 L	<	0.6	71	8	186	7	<	405	3	<	<	2.5	9	43	585	<	24	46	295	13	105	1	2	0.01	1.15	1.04	2.09	0.50	0.13	0.02	0.12
10ES 0284 L	<	0.3	81	9	161	5	<	170	5	<	<	1.7	10	37	736	<	27	70	591	11	79	1	3	<	1.25	0.61	2.92	0.46	0.29	0.02	0.20
10ES 0285 L	<	0.2	63	11	140	6	<	180	4	<	<	1.6	12	35	950	<	26	58	618	13	82	1	3	0.02	1.31	0.64	2.67	0.49	0.28	0.02	0.14
10ES 0286 L	<	0.3	67	16	182	7	<	245	5	<	<	2.0	12	41	736	<	27	63	644	13	73	1	3	0.01	1.25	0.51	2.77	0.49	0.25	0.02	0.12
10ES 0287 L	30	0.5	60	11	152	6	<	305	3	<	<	1.5	9	36	535	<	24	49	162	13	82	1	3	0.01	1.18	0.74	2.07	0.47	0.13	0.02	0.12
10ES 0288 L	<	0.1	55	10	154	<	<	135	4	<	<	1.4	11	33	778	<	23	56	356	11	61	2	3	<	1.29	0.34	2.95	0.66	0.26	0.02	0.09
10ES 0289 L	<	0.3	41	6	125	6	<	170	3	<	<	1.1	9	29	461	<	21	43	285	12	64	1	2	0.02	1.10	0.58	1.98	0.48	0.10	0.02	0.09
10ES 0290 L	<	0.2	44	11	134	5	<	165	3	<	<	1.2	9	29	674	<	21	46	252	11	62	2	3	0.01	1.09	0.45	2.19	0.53	0.17	0.02	0.09
10ES 0291 L	<	0.2	56	11	161	10	<	95	4	<	<	0.7	13	35	621	<	25	60	690	12	56	1	3	0.01	1.43	0.34	3.05	0.67	0.26	0.02	0.09
10ES 0292 L	<	0.2	60	14	165	<	<	105	3	<	<	0.9	18	41	660	<	25	53	973	12	51	2	4	<	1.30	0.28	3.22	0.60	0.28	0.02	0.09
10ES 0293 L	<	0.2	58	14	201	11	<	100	4	<	<	1.0	14	40	569	<	27	66	418	14	63	2	4	0.01	1.59	0.39	3.17	0.71	0.29	0.02	0.10
10ES 0294 L	<	0.2	57	9	176	8	<	150	4	<	<	1.3	11	36	723	<	28	67	352	13	74	1	3	0.01	1.49	0.52	2.66	0.64	0.27	0.02	0.10
10ES 0295 L	<	0.2	57	13	150	10	<	210	4	<	<	1.4	12	36	828	<	28	63	824	14	66	3	4	<	1.58	0.36	2.87	0.69	0.39	0.02	0.12
10ES 0320 L	10	0.5	58	82	272	837	9	145	3	<	<	1.1	16	32	233	<	54	63	700	23	99	2	5	0.07	3.11	1.10	3.26	1.40	0.12	0.10	0.09
10ES 0321 L	16	0.8	71	97	420	1452	12	325	4	<	<	2.3	16	28	214	<	49	98	721	21	83	2	5	0.07	2.54	1.37	3.39	1.48	0.14	0.10	0.13
10ES 0322 L	68	1.2	130	106	140	1095	34	385	3	<	<	0.4	20	30	277	<	35	63	687	34	70	1	6	0.06	1.65	0.78	3.30	0.69	0.13	0.06	0.11
10ES 0323 L	90	2.0	285	111	167	1639	34	345	5	<	5	0.6	28	36	421	8	41	75	867	45	90	2	7	0.07	1.69	0.88	4.09	0.82	0.17	0.05	0.14
10ES 0324 L	84	1.9	277	85	131	1210	27	365	3	<	8	0.8	27	35	467	18	37	71	821	37	81	2	6	0.08	1.48	0.81	3.78	0.75	0.26	0.06	0.13
Min Limit	5	0.1	1	2	1	5	5	5	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*	9999	99.9	20000	20000	20000	9999	999	9999	999	999	9999	99.9	9999	9999	9999	999	9999	9999	9999	9999	9999	9999	9999	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method	GeoS	ICP	ICP	ICP	ICP	ICP	ICP	CVA	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % L=Silt N=No Sample S=Soil

INTERNATIONAL PLASMA LABORATORY LTD.

CERTIFICATE OF ANALYSIS

iPL 97I0915

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Client : Nicholson & Associates
Project: PFC

758 Samples

753=Silt 2=No Sample 3=Soil [091510:20:28:79092997]

Out: Sep 26, 1997
In : Sep 16, 1997

Sample Name		Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppb	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
10ES 0325	L	116	2.1	247	164	264	1658	53	580	4	<	5	1.1	25	45	373	9	46	78	853	45	77	2	8	0.06	1.96	0.82	4.48	0.90	0.17	0.04	0.13
10ES 0326	L	126	2.1	255	160	242	1592	50	655	4	<	<	0.9	26	45	402	<	47	81	858	49	76	2	8	0.06	2.02	0.90	4.57	0.96	0.19	0.04	0.13
10ES 0327	L	102	2.1	312	117	160	1750	32	370	4	<	5	0.3	29	35	476	7	41	77	886	47	82	2	8	0.07	1.65	0.79	4.24	0.83	0.16	0.04	0.15
10ES 0328	L	32	1.3	182	101	353	646	14	730	4	<	2	0.4	25	43	229	<	43	75	872	49	51	2	5	0.04	2.14	0.83	4.33	0.86	0.08	0.02	0.11
10ES 0330	L	102	1.8	220	121	172	1429	39	380	3	<	<	0.7	24	34	382	<	39	73	791	43	76	1	7	0.08	1.77	0.69	3.86	0.81	0.15	0.04	0.14
11ES 0010	L	<	0.3	92	20	164	22	6	330	9	<	<	0.6	14	48	831	<	30	50	310	12	46	3	4	<	1.26	0.28	3.32	0.50	0.28	0.02	0.09
11ES 0011	L	<	0.2	65	11	166	<	<	215	3	<	<	1.4	13	44	738	<	25	44	516	12	43	2	4	<	1.11	0.31	2.95	0.52	0.22	0.02	0.09
11ES 0012	L	<	0.2	63	8	140	5	<	270	3	<	<	1.5	11	39	764	<	22	49	1155	11	44	3	4	<	0.98	0.29	2.66	0.47	0.21	0.02	0.08
11ES 0013	L	8	0.2	67	9	144	<	<	255	4	<	<	1.4	10	38	697	<	22	45	439	11	50	3	4	<	0.97	0.30	2.63	0.43	0.20	0.02	0.08
11ES 0014	L	6	0.5	75	14	170	6	<	270	5	<	<	2.1	10	41	619	<	22	47	383	10	66	1	2	<	0.96	0.57	2.51	0.44	0.18	0.02	0.12
11ES 0015	L	<	0.5	71	11	164	9	<	210	5	<	<	1.9	10	44	786	<	26	67	499	12	102	2	3	<	1.18	0.92	2.57	0.44	0.26	0.02	0.32
11ES 0016	L	<	0.2	62	12	150	<	<	260	4	<	<	1.6	9	39	684	<	20	49	420	9	52	2	3	<	0.90	0.31	2.36	0.38	0.21	0.02	0.08
11ES 0017	L	<	0.4	41	2	200	5	<	115	2	<	<	13.8	7	165	841	<	26	25	209	9	88	1	1	0.01	0.86	0.73	1.28	0.38	0.09	0.02	0.17
11ES 0018	L	<	0.4	42	3	212	6	<	135	1	<	<	14.7	6	180	832	<	27	24	147	10	89	1	1	0.02	0.97	0.76	1.29	0.41	0.06	0.02	0.15
11ES 0019	L	<	0.4	42	9	192	7	<	200	1	<	<	12.0	7	167	866	<	27	25	151	11	87	1	1	0.02	0.97	0.72	1.31	0.40	0.07	0.02	0.14
11ES 0020	L	6	0.1	61	19	181	17	<	165	6	<	<	1.1	17	49	776	<	33	92	784	14	65	2	4	0.01	1.67	0.39	3.49	0.64	0.43	0.02	0.13
12ES 0216	L	6	0.4	41	6	312	<	<	230	4	<	<	1.6	11	48	475	<	22	63	652	11	86	2	2	0.01	1.10	0.92	3.66	0.57	0.12	0.02	0.11
12ES 0218	L	24	1.3	95	8	103	10	<	665	2	<	<	1.4	10	76	567	<	39	26	534	17	164	3	3	0.01	1.35	2.50	1.76	0.65	0.09	0.02	0.14
12ES 0219	L	<	0.3	42	9	281	<	<	210	4	<	<	1.0	12	41	455	<	22	58	611	10	83	2	2	0.01	1.15	0.89	3.57	0.63	0.11	0.02	0.11
12ES 0220	L	18	0.3	40	8	268	<	<	180	4	<	<	1.1	12	41	490	<	22	55	555	11	75	2	2	0.01	1.13	0.73	3.48	0.64	0.14	0.02	0.10
12ES 0221	L	<	0.3	32	5	107	9	<	90	2	<	<	1.0	12	29	310	<	20	38	480	14	39	1	3	0.03	1.01	0.40	1.85	0.43	0.08	0.02	0.08
12ES 0222	L	<	0.2	34	8	114	8	<	140	2	<	<	1.2	15	27	399	<	22	42	770	14	49	1	3	0.03	1.20	0.49	2.02	0.51	0.09	0.02	0.08
12ES 0223	L	6	0.2	32	9	98	7	<	80	1	<	<	0.6	8	24	349	<	21	42	205	14	47	1	3	0.02	1.03	0.44	1.87	0.45	0.10	0.02	0.09
12ES 0224	L	<	0.1	35	8	107	6	<	75	3	<	<	0.7	12	26	446	<	21	46	380	14	42	1	3	0.02	1.13	0.34	2.04	0.46	0.12	0.02	0.09
12ES 0225	L	6	0.2	29	10	76	8	<	135	2	<	<	0.6	7	20	400	<	22	51	303	13	42	1	2	0.02	1.15	0.37	1.85	0.41	0.10	0.02	0.09
12ES 0226	L	24	0.3	37	9	97	5	<	100	2	<	<	0.7	9	25	422	<	22	43	203	14	50	1	3	0.03	1.13	0.50	1.95	0.50	0.10	0.02	0.08
12ES 0228	L	<	0.2	42	11	129	9	<	195	3	<	<	1.2	10	28	378	<	21	44	343	13	58	1	2	0.02	1.10	0.53	2.04	0.49	0.10	0.02	0.09
12ES 0229	L	<	0.2	56	12	195	13	<	125	4	<	<	1.8	14	40	509	<	25	59	545	13	71	2	3	0.01	1.32	0.53	2.97	0.63	0.19	0.02	0.11
13ES 0010	L	<	0.2	24	11	90	<	<	70	2	<	<	1.0	10	21	212	<	23	36	593	16	31	1	1	0.01	1.11	0.55	2.54	0.41	0.07	0.02	0.11
13ES 0012	L	<	0.1	21	14	79	<	<	195	1	<	<	1.0	10	25	273	<	29	38	518	21	31	2	3	0.01	1.21	0.56	2.79	0.40	0.07	0.02	0.12
13ES 0013	L	<	0.1	26	12	90	<	<	75	2	<	<	0.8	11	25	273	<	23	37	539	20	46	1	2	0.01	1.01	0.78	2.83	0.42	0.07	0.02	0.12
13ES 0014	L	<	<	27	12	99	<	<	80	2	<	<	1.0	11	23	299	<	23	33	485	20	54	1	2	0.01	0.97	1.07	2.70	0.42	0.08	0.03	0.13
13ES 0015	L	<	0.1	29	10	88	<	<	70	2	<	<	0.2	13	25	217	<	21	27	646	19	67	1	3	<	0.95	1.51	3.07	0.47	0.16	0.02	0.12
13ES 0016	L	<	0.1	31	12	92	<	<	110	2	<	<	0.8	12	25	258	<	23	32	524	19	52	2	3	0.01	0.92	0.99	2.75	0.44	0.09	0.02	0.13
13ES 0017	L	<	0.1	33	13	91	<	<	175	2	<	<	0.2	13	28	222	<	23	32	392	17	61	2	4	0.01	0.86	1.28	3.05	0.46	0.09	0.02	0.12
13ES 0018	L	6	0.1	35	12	88	<	<	140	3	<	<	0.2	12	26	232	<	24	44	732	21	29	1	2	0.01	1.09	0.39	3.24	0.34	0.09	0.02	0.14
13ES 0019	L	<	0.1	24	14	83	<	<	60	1	<	<	0.7	11	23	210	<	23	23	479	18	82	2	3	<	1.03	1.94	2.63	0.63	0.08	0.02	0.12
13ES 0020	L	<	0.1	26	12	82	<	<	95	2	<	<	0.8	10	21	221	<	19	26	405	17	87	2	3	<	0.94	2.41	2.59	0.52	0.07	0.02	0.12
13ES 0029	L	<	<	18	11	69	<	<	75	2	<	<	0.6	11	21	224	<	21	21	569	17	136	1	3	<	1.06	4.25	2.64	0.66	0.14	0.02	0.09
Min Limit		5	0.1	1	2	1	5	5	5	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*		9999	99.9	20000	20000	20000	9999	999	9999	999	999	9999	99.9	9999	9999	9999	999	9999	9999	9999	9999	9999	9999	9999	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method		GeoS	ICP	ICP	ICP	ICP	ICP	ICP	CVA	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % L=Silt N=No Sample S=Soil

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CERTIFICATE OF ANALYSIS
iPL 97I0915

Client : Nicholson & Associates
Project: PFC

758 Samples
753=Silt 2=No Sample 3=Soil

[091510:20:28:79092997]

Out: Sep 26, 1997
In : Sep 16, 1997

Sample Name		Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppb	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
13ES 0030	L	<	0.2	26	15	74	<	<	85	2	<	<	0.9	12	23	206	<	19	23	610	17	102	1	3	<	0.97	2.97	2.76	0.59	0.14	0.02	0.10
13ES 0031	L	<	0.1	27	11	83	<	<	105	2	<	<	1.8	13	24	199	<	18	27	728	17	74	1	3	<	0.89	1.71	3.00	0.50	0.13	0.02	0.11
13ES 0032	L	<	0.1	33	13	85	<	<	115	2	<	<	0.2	13	25	200	<	20	30	746	19	106	1	4	<	0.96	2.64	3.10	0.57	0.15	0.02	0.12
13ES 0033	L	<	0.1	32	11	87	<	<	110	2	<	<	0.2	13	27	259	<	22	34	756	18	100	2	4	<	0.95	2.57	3.30	0.51	0.17	0.02	0.12
13ES 0034	L	<	0.1	35	15	80	<	<	110	2	<	<	0.2	13	26	236	<	20	32	689	18	118	2	4	<	0.97	3.18	3.03	0.56	0.18	0.02	0.12
13ES 0035	L	<	0.1	34	14	93	<	<	90	2	<	<	0.2	14	27	232	<	22	32	732	19	76	1	4	<	1.03	1.68	3.29	0.59	0.15	0.02	0.12
13ES 0036	L	<	0.1	34	11	86	<	<	110	2	<	<	0.3	14	26	212	<	20	32	753	18	76	1	4	<	0.87	1.85	3.18	0.49	0.14	0.02	0.12
13ES 0037	L	<	0.1	33	13	87	<	<	100	3	<	<	0.2	13	25	207	<	21	33	660	18	83	1	4	<	0.84	1.83	3.16	0.46	0.15	0.02	0.11
13ES 0038	L	<	0.1	33	12	86	<	<	125	3	<	<	0.4	13	25	212	<	20	33	778	16	87	1	3	<	0.84	2.02	3.15	0.48	0.11	0.02	0.11
13ES 0048	L	8	1.0	57	71	185	20	7	350	5	<	<	3.6	16	58	205	<	35	53	1405	12	56	2	4	0.01	0.84	0.89	2.93	0.56	0.06	0.02	0.09
15ES 0141	L	<	0.1	19	13	80	13	<	15	3	<	<	0.7	13	25	334	<	26	61	317	13	35	1	3	0.08	1.51	0.66	2.19	0.71	0.07	0.03	0.06
15ES 0142	L	<	0.1	17	15	74	12	<	10	2	<	<	0.4	12	25	336	<	25	54	317	14	33	1	2	0.07	1.43	0.68	1.93	0.62	0.06	0.03	0.06
15ES 0143	L	<	0.2	20	15	79	13	<	20	2	<	<	0.8	13	27	366	<	27	56	349	15	40	1	2	0.06	1.58	0.85	2.03	0.65	0.07	0.03	0.07
15ES 0144	L	<	0.1	25	14	81	14	<	15	2	<	<	0.7	17	37	369	<	35	70	519	14	40	2	4	0.14	1.78	0.84	2.53	0.99	0.06	0.03	0.06
16ES 0038	L	<	1.1	98	53	113	65	17	35	2	<	<	0.4	13	32	206	<	42	53	568	29	41	1	3	0.03	1.97	0.85	3.89	0.69	0.10	0.03	0.13
16ES 0039	L	<	1.0	109	50	134	63	18	50	3	<	<	0.4	15	35	214	<	45	52	795	33	47	1	3	0.03	1.96	1.02	4.14	0.67	0.09	0.03	0.14
16ES 0040	L	<	0.9	95	44	125	53	15	40	4	<	<	0.6	15	36	218	<	47	53	737	30	43	1	2	0.03	1.91	0.82	3.91	0.73	0.10	0.03	0.14
16ES 0041	L	<	0.2	27	12	95	20	<	10	3	<	<	0.1	12	25	233	<	34	65	669	15	18	<	2	0.03	1.78	0.23	3.18	0.75	0.05	0.02	0.07
16ES 0042	L	<	0.6	69	32	100	37	14	25	3	<	<	0.2	11	31	198	<	43	52	433	23	30	1	2	0.02	1.72	0.55	3.21	0.76	0.08	0.02	0.11
16ES 0043	L	<	0.6	75	37	116	41	11	100	3	<	<	0.3	14	32	218	<	39	55	768	24	33	1	2	0.02	1.80	0.67	3.60	0.75	0.08	0.03	0.12
16ES 0044	L	<	0.8	68	32	97	37	11	35	2	<	<	0.2	12	30	195	<	44	55	552	25	30	1	2	0.03	1.90	0.45	3.35	0.76	0.10	0.02	0.11
16ES 0045	L	<	0.6	68	30	103	41	10	30	3	<	<	0.2	13	36	231	<	48	59	634	26	31	1	2	0.03	2.00	0.57	3.50	0.81	0.09	0.03	0.12
16ES 0046	L	<	0.7	71	30	108	40	12	30	3	<	<	0.5	12	30	221	<	40	56	548	25	35	1	3	0.03	1.89	0.65	3.33	0.74	0.09	0.03	0.11
16ES 0047	L	<	0.5	72	37	105	42	11	20	3	<	<	0.6	14	31	238	<	37	66	610	26	31	1	4	0.05	1.99	0.40	3.54	0.70	0.12	0.03	0.10
16ES 0050	L	<	0.4	33	13	98	11	<	50	3	<	<	0.1	11	30	313	<	35	64	521	18	33	1	2	0.02	1.90	0.58	3.20	0.73	0.08	0.02	0.13
16ES 0051	L	<	0.4	37	25	83	22	6	45	2	<	<	0.8	10	29	288	<	37	65	366	14	30	1	1	0.02	1.56	0.49	2.96	0.70	0.06	0.02	0.11
16ES 0052	L	<	0.5	30	8	55	19	<	85	2	<	<	0.5	9	21	272	<	28	46	631	26	25	1	1	0.01	1.68	0.40	2.23	0.47	0.04	0.02	0.14
16ES 0053	L	<	0.6	58	27	108	22	10	50	3	<	<	0.4	14	36	309	<	40	64	503	22	30	1	4	0.04	1.68	0.51	3.53	0.94	0.10	0.03	0.10
16ES 0054	L	<	0.5	27	12	97	14	<	55	3	<	<	0.8	10	27	248	<	29	53	586	16	33	1	1	0.02	1.65	0.58	2.72	0.55	0.04	0.02	0.13
16ES 0055	L	<	0.6	65	35	118	34	10	40	2	<	<	0.5	15	31	249	8	36	59	919	21	33	1	2	0.04	1.79	0.54	3.55	0.81	0.16	0.03	0.11
16ES 0056	L	<	0.5	51	28	99	25	10	60	3	<	<	0.1	15	33	303	<	38	68	666	20	29	1	3	0.05	1.78	0.40	3.46	0.95	0.12	0.03	0.10
16ES 0057	L	6	1.5	70	45	228	54	10	180	3	<	<	1.0	19	63	403	<	68	58	1060	33	42	2	7	0.04	3.03	0.65	3.89	0.79	0.10	0.03	0.14
16ES 0059	L	<	0.5	53	20	107	17	<	70	3	<	<	<	22	95	386	<	91	90	593	15	30	2	5	0.11	2.26	0.57	4.06	1.95	0.07	0.03	0.10
16ES 0060	L	<	0.5	53	33	109	23	6	65	4	<	<	0.3	17	48	301	<	53	75	701	22	31	1	4	0.06	1.88	0.49	3.54	0.98	0.09	0.02	0.10
16ES 0061	L	8	0.8	56	32	102	23	10	105	3	<	<	0.2	14	39	316	<	43	62	502	24	31	1	3	0.05	1.81	0.46	3.15	0.89	0.09	0.03	0.10
16ES 0062	L	16	1.0	79	51	193	106	10	135	4	<	<	0.3	30	138	505	<	104	100	708	21	26	2	7	0.13	2.77	0.48	4.65	2.76	0.10	0.02	0.09
16ES 0063	L	<	0.6	47	28	124	<	6	145	4	<	<	0.4	11	35	217	<	29	57	338	24	44	1	3	0.02	1.12	0.59	3.21	0.67	0.09	0.02	0.10
16ES 0064	L	<	0.6	47	19	122	<	<	120	4	<	<	0.8	12	34	237	<	30	57	481	23	47	1	2	0.02	1.20	0.77	3.06	0.72	0.08	0.02	0.12
16ES 0065	L	<	0.6	52	22	119	<	6	135	4	<	<	0.8	13	35	231	<	31	56	505	24	49	1	2	0.02	1.18	0.88	3.04	0.72	0.09	0.02	0.12
Min Limit		5	0.1	1	2	1	5	5	5	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*		9999	99.9	20000	20000	20000	9999	999	9999	999	999	9999	99.9	9999	9999	9999	999	9999	9999	9999	9999	9999	9999	9999	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method		GeoS	ICP	ICP	ICP	ICP	ICP	ICP	CVA	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % L=Silt N=No Sample S=Soil

INTERNATIONAL PLASMA LABORATORY LTD.

CERTIFICATE OF ANALYSIS

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Client : Nicholson & Associates
Project: PFC

758 Samples
753=Silt 2=No Sample 3=Soil

[091510:20:28:79092997]

Out: Sep 26, 1997
In : Sep 16, 1997

Sample Name		Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppb	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
16ES 0066	L	<	0.6	59	35	115	24	7	55	3	<	<	0.4	18	51	305	<	48	68	682	22	27	1	3	0.04	1.74	0.45	3.68	1.09	0.09	0.02	0.10
16ES 0068	L	<	0.6	49	14	161	7	<	125	7	<	<	1.6	9	29	505	<	21	81	847	13	42	<	<	<	1.31	0.52	2.57	0.38	0.08	0.02	0.18
16ES 0069	L	<	0.5	28	11	128	19	<	120	2	<	<	2.0	10	32	721	<	16	55	1073	16	76	<	<	<	1.30	1.02	1.49	0.34	0.06	0.02	0.25
16ES 0070	L	<	0.3	32	9	95	12	<	125	4	<	<	1.1	6	34	487	<	18	75	376	9	80	<	<	<	0.91	1.13	1.65	0.40	0.07	0.02	0.15
16ES 0071	L	<	0.3	42	8	163	15	<	160	3	<	<	4.0	6	81	597	<	19	67	550	13	102	1	<	<	1.02	1.53	1.40	0.44	0.07	0.02	0.18
16ES 0072	L	<	0.2	28	13	82	14	<	110	3	<	<	1.1	9	26	342	<	23	71	399	13	29	1	2	0.03	1.10	0.41	2.07	0.46	0.06	0.02	0.13
16ES 0073	L	<	0.2	41	8	179	5	<	175	5	<	<	1.7	8	39	330	<	22	152	434	11	50	1	2	0.02	1.15	0.58	3.56	0.42	0.07	0.02	0.16
16ES 0074	L	6	0.2	46	9	183	<	<	110	7	<	<	1.1	9	40	339	<	23	179	431	12	49	1	2	0.02	1.17	0.50	4.34	0.41	0.07	0.02	0.15
16ES 0075	L	8	0.3	34	9	154	10	<	200	3	<	3	3.3	7	50	482	<	19	87	624	11	72	1	1	0.01	0.97	1.04	2.04	0.43	0.06	0.02	0.16
16ES 0076	L	12	0.5	41	12	194	6	<	185	4	<	<	2.1	9	35	469	<	22	94	334	11	51	1	2	0.01	1.22	0.60	2.73	0.56	0.09	0.02	0.14
16ES 0077	L	<	0.2	27	7	170	7	<	160	3	<	<	2.1	7	32	453	<	20	49	376	11	51	<	1	0.01	1.12	0.71	1.84	0.48	0.07	0.02	0.12
16ES 0078	L	<	0.3	54	9	780	10	<	185	4	<	<	5.4	7	85	1070	<	24	76	158	13	72	1	2	0.01	1.28	0.80	2.19	0.71	0.11	0.02	0.10
16ES 0079	L	6	0.3	39	9	223	8	<	175	3	<	<	2.6	8	39	529	<	21	77	405	12	61	1	1	0.01	1.16	0.82	2.25	0.55	0.09	0.02	0.15
16ES 0080	L	<	0.4	43	11	260	9	<	175	4	<	<	2.7	10	45	585	<	25	85	462	14	64	1	2	0.02	1.35	0.75	2.68	0.59	0.11	0.02	0.14
16ES 0081	L	8	0.2	33	5	171	8	<	150	4	<	<	1.6	8	31	423	<	23	77	305	13	52	1	1	0.01	1.27	0.62	2.33	0.54	0.09	0.02	0.14
16ES 0082	L	<	0.4	33	9	186	<	<	165	4	<	<	1.5	8	31	525	<	22	76	293	13	46	1	2	0.02	1.22	0.48	2.53	0.54	0.10	0.02	0.12
16ES 0083	L	<	0.3	36	10	172	6	<	125	4	<	<	1.0	8	29	455	<	21	67	326	12	44	<	2	0.01	1.19	0.47	2.29	0.52	0.10	0.02	0.11
16ES 0084	L	8	0.4	37	9	86	13	<	200	3	<	<	0.2	7	24	433	<	25	41	306	12	41	<	2	0.01	1.42	0.42	1.88	0.56	0.07	0.02	0.08
16ES 0085	L	<	0.4	40	7	79	5	<	190	3	<	<	1.0	7	23	531	<	19	37	424	11	70	1	1	0.01	0.97	0.89	1.56	0.45	0.07	0.02	0.10
16ES 0086	L	6	0.5	41	10	84	7	<	190	3	<	<	1.2	7	24	557	<	20	41	470	10	68	1	1	0.01	1.03	0.81	1.66	0.46	0.06	0.02	0.10
16ES 0087	L	<	0.4	49	11	123	12	<	135	4	<	<	1.3	10	29	444	<	24	52	564	18	44	2	3	0.01	1.47	0.51	2.26	0.80	0.11	0.02	0.09
16ES 0088	L	24	0.1	29	7	80	<	<	65	3	<	<	0.9	9	26	226	<	24	50	340	16	36	2	3	0.05	0.90	0.46	2.20	0.44	0.07	0.03	0.11
16ES 0089	L	<	0.2	37	9	142	8	<	160	4	<	<	1.3	9	32	457	<	22	60	402	14	63	1	2	0.02	1.27	0.68	2.16	0.64	0.12	0.02	0.12
16ES 0090	L	<	0.3	35	10	161	7	<	140	3	<	<	1.5	8	30	384	<	20	53	414	13	55	1	2	0.02	1.10	0.63	2.03	0.54	0.10	0.02	0.12
16ES 0091	L	<	0.2	30	8	125	7	<	100	3	<	<	1.0	8	27	345	<	20	49	351	14	46	1	2	0.02	1.07	0.53	1.96	0.51	0.09	0.02	0.10
16ES 0092	L	<	0.1	38	12	98	14	<	85	3	<	<	0.9	11	28	320	<	25	43	393	18	50	2	3	0.02	1.26	0.61	2.50	0.68	0.07	0.02	0.10
16ES 0093	L	20	0.9	62	173	127	788	11	65	3	<	<	1.4	16	33	152	<	31	59	854	16	25	1	3	0.04	2.34	0.27	2.93	0.64	0.07	0.03	0.12
16ES 0094	L	20	4.5	143	628	602	6220	102	125	2	<	49	7.9	25	37	130	<	26	49	959	21	61	3	3	0.02	1.80	0.67	3.85	1.14	0.08	0.06	0.12
16ES 0096	L	86	1.0	71	243	214	792	27	90	3	<	<	1.4	18	34	188	<	28	56	718	19	35	2	3	0.05	1.77	0.43	3.10	0.71	0.07	0.03	0.11
16ES 0096A	L	14	0.8	52	146	127	640	9	45	3	<	<	1.0	12	29	96	<	28	52	431	15	23	1	2	0.05	2.00	0.26	2.54	0.61	0.07	0.04	0.10
16ES 0098	L	96	0.7	80	134	135	856	14	105	2	<	4	1.0	12	22	113	<	25	46	416	12	24	1	1	0.03	1.77	0.32	2.44	0.54	0.05	0.04	0.10
16ES 0099	L	<	0.2	29	34	78	343	<	100	3	<	<	0.9	9	21	151	<	35	74	380	13	13	1	2	0.05	2.60	0.14	2.77	0.58	0.08	0.02	0.07
16ES 0100	L	<	0.1	30	37	79	364	<	30	3	<	<	0.9	10	22	172	<	34	75	404	13	14	1	3	0.05	2.63	0.16	2.77	0.60	0.08	0.02	0.07
16ES 0101	L	6	0.1	27	49	92	509	<	30	3	<	<	<	10	23	154	<	34	73	395	13	13	1	2	0.04	2.32	0.13	3.23	0.53	0.06	0.02	0.05
16ES 0104	L	<	0.1	18	23	54	173	<	35	3	<	<	0.8	9	17	142	<	27	68	250	12	12	1	2	0.04	2.00	0.14	2.65	0.34	0.05	0.02	0.03
16ES 0105	L	48	1.4	69	207	226	1762	22	75	3	<	10	1.8	16	31	169	<	28	53	582	16	24	1	2	0.03	2.09	0.35	2.89	0.68	0.06	0.03	0.11
16ES 0106	L	54	3.8	152	641	551	4613	59	175	3	<	40	2.4	27	47	241	<	35	68	1118	26	34	2	4	0.02	2.72	0.43	4.42	1.04	0.07	0.03	0.12
16ES 0107	L	18	1.6	139	265	452	796	27	180	3	<	<	2.2	14	37	189	<	36	76	662	21	25	1	3	0.04	2.29	0.37	3.49	0.83	0.09	0.03	0.11
16ES 0108	L	34	1.9	194	371	607	855	32	270	3	<	<	4.4	19	44	204	<	32	71	1253	23	38	1	3	0.03	1.86	0.87	3.51	0.81	0.13	0.03	0.14
Min Limit		5	0.1	1	2	1	5	5	5	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*		9999	99.9	20000	20000	20000	9999	999	9999	999	999	9999	99.9	9999	9999	9999	999	9999	9999	9999	9999	9999	9999	9999	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method		GeoS	ICP	ICP	ICP	ICP	ICP	ICP	CVA	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % L=Silt N=No Sample S=Soil

INTERNATIONAL PLASMA LABORATORY LTD.

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CERTIFICATE OF ANALYSIS
iPL 97I0915

Client : Nicholson & Associates
Project: PFC

758 Samples
753=Silt 2=No Sample 3=Soil [091510:20:28:79092997]

Out: Sep 26, 1997
In : Sep 16, 1997

Sample Name		Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppb	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
16ES 0109	L	44	2.0	87	260	299	2877	27	125	3	<	18	1.6	17	31	197	<	31	57	781	19	32	1	3	0.03	2.25	0.68	3.25	0.74	0.07	0.03	0.11
16ES 0110	L	78	2.1	85	225	238	2776	23	130	3	<	14	1.3	17	29	165	<	31	57	768	20	33	2	2	0.03	2.23	0.92	3.11	0.78	0.07	0.03	0.13
16ES 0111	L	82	1.1	58	175	191	2777	18	100	2	<	6	0.8	16	30	159	<	33	61	631	18	26	1	2	0.03	2.26	0.59	3.24	0.80	0.08	0.03	0.09
16ES 0112	L	80	1.2	64	170	210	2623	19	75	3	<	9	1.0	18	30	191	<	37	60	788	22	31	1	2	0.03	2.21	0.75	3.24	0.78	0.08	0.03	0.11
16ES 0113	L	68	1.0	56	149	202	2312	18	55	2	<	6	1.0	16	28	170	<	33	56	693	20	27	1	2	0.03	2.07	0.66	3.06	0.72	0.08	0.03	0.10
16ES 0114	L	80	0.8	47	131	177	2035	17	40	3	<	7	1.2	14	26	160	<	31	54	622	16	25	1	2	0.03	1.88	0.58	2.91	0.68	0.07	0.02	0.08
16ES 0115	L	32	0.9	56	71	166	1266	11	80	2	<	3	2.0	12	22	187	<	31	42	802	21	94	1	2	0.04	1.94	1.51	2.27	0.75	0.10	0.07	0.13
1ESS 0158	L	<	0.4	61	10	76	24	5	580	7	<	<	0.6	4	23	384	<	17	64	45	12	66	2	1	<	0.71	0.05	2.56	0.07	0.12	0.02	0.24
1ESS 0159	L	<	0.3	44	5	63	20	8	745	13	<	<	0.6	5	20	376	<	15	76	74	15	70	1	1	<	0.77	0.04	2.27	0.12	0.11	0.02	0.15
4ESS 0250	L	32	9.8	86	1075	869	194	156	1815	4	<	<	2.1	8	23	162	<	105	80	256	32	21	2	6	<	1.64	0.07	6.18	0.26	0.14	0.02	0.16
4ESS 0251	L	66	0.2	44	49	98	86	11	135	3	<	<	0.9	14	30	165	<	30	70	455	18	79	1	2	0.05	2.20	0.55	2.70	0.71	0.09	0.04	0.11
4ESS 0252	L	12	0.3	72	32	90	512	9	80	3	<	<	1.0	16	41	253	<	33	63	639	18	107	1	2	0.04	2.19	0.60	2.98	0.68	0.09	0.04	0.12
4ESS 0253	L	8	1.0	96	47	104	169	25	330	5	<	<	<	17	41	178	<	35	78	1665	41	55	1	4	0.04	2.34	0.38	5.20	0.74	0.09	0.03	0.12
4ESS 0257	L	60	0.3	60	93	69	536	16	40	3	<	<	0.6	20	36	96	<	13	27	376	11	144	2	1	0.04	3.85	2.30	1.67	0.32	0.17	0.06	0.11
4ESS 0258	L	2460	91.3	1325	4072	512	16%	0.1%	1775	8	<	497	<	408	101	<	<	5	26	5161	20	191	8	1	<	0.36	1.65	24%	0.08	0.05	<	0.03
4ESS 0260	L	20	1.5	174	90	90	5298	32	1455	7	<	<	1.6	10	23	21	<	35	71	105	48	18	4	17	<	1.73	0.35	2.88	0.17	0.03	0.01	0.19
4ESS 0263	L	24	3.6	1487	85	108	2770	50	155	6	<	<	0.9	88	70	538	33	27	93	1134	26	140	3	7	0.06	2.31	1.24	5.16	1.55	0.14	0.04	0.19
4ESS 0267	L	22	0.6	185	58	93	425	20	200	3	<	<	0.9	21	46	200	<	33	72	464	23	83	1	3	0.05	2.02	0.54	2.57	0.88	0.16	0.04	0.10
4ESS 0269	L	26	2.0	106	538	544	627	45	1410	4	<	<	6.0	21	45	132	<	37	81	1641	34	20	2	6	0.02	1.39	0.42	5.37	0.61	0.13	0.03	0.14
4ESS 0270	L	18	0.5	49	138	96	131	29	125	3	<	<	0.2	15	32	174	<	36	75	703	19	44	1	3	0.04	2.19	0.61	3.42	0.82	0.10	0.03	0.10
4ESS 0273	L	28	2.5	176	677	1174	2424	115	490	4	<	2	13.7	22	27	154	<	27	58	1877	46	48	2	6	0.02	1.65	0.66	4.77	0.64	0.12	0.04	0.13
4ESS 0274	L	32	0.4	96	68	145	1509	15	90	4	<	3	0.9	17	32	213	<	31	63	605	18	101	1	2	0.04	2.25	0.60	3.13	0.76	0.11	0.04	0.11
6ESS 0191	L	<	0.1	18	15	57	42	<	65	2	<	<	0.4	11	23	160	<	26	46	387	15	16	1	3	0.05	1.61	0.20	2.43	0.48	0.06	0.02	0.07
6ESS 0192	L	<	0.1	14	14	59	33	<	55	2	<	<	0.1	11	22	208	<	36	68	300	14	12	2	3	0.06	2.61	0.12	3.42	0.52	0.06	0.02	0.04
6ESS 0193	L	<	0.1	20	16	72	21	<	35	4	<	<	0.9	11	23	236	<	35	66	390	17	15	2	4	0.05	2.16	0.14	2.83	0.51	0.07	0.02	0.04
6ESS 0194	L	<	0.1	19	19	45	26	<	85	3	<	<	0.9	11	20	186	<	31	57	515	15	12	3	3	0.04	2.26	0.11	2.98	0.46	0.06	0.02	0.04
6ESS 0195	L	<	0.3	17	21	56	19	<	85	3	<	<	0.1	8	20	293	<	31	62	286	11	16	2	3	0.03	2.02	0.12	3.05	0.44	0.07	0.02	0.04
6ESS 0196	L	<	0.2	41	16	91	31	<	75	4	<	<	0.1	13	29	439	<	34	61	281	21	14	2	3	0.01	2.50	0.16	3.43	1.41	0.18	0.02	0.06
10EES 0257	L	6	0.3	55	11	124	15	<	120	4	<	<	0.8	10	29	458	<	23	56	379	8	40	1	1	0.01	1.10	0.13	2.61	0.39	0.20	0.02	0.11
10EES 0296	L	<	0.2	25	37	75	21	7	40	4	<	<	0.8	8	18	119	<	30	89	238	13	21	1	2	0.10	1.37	0.16	2.54	0.44	0.11	0.02	0.06
10EES 0297	L	8	2.0	141	154	349	48	13	125	5	<	<	1.7	19	48	134	<	34	73	740	17	128	3	2	0.04	2.26	1.26	3.52	1.00	0.14	0.04	0.25
10EES 0298	L	6	1.3	100	73	225	115	7	165	5	<	<	0.7	21	41	124	<	44	83	927	21	119	3	4	0.06	3.05	1.22	4.05	1.54	0.21	0.07	0.15
10EES 0299	L	<	1.6	97	153	199	64	21	125	4	<	<	1.1	17	39	209	<	41	81	780	35	66	4	5	0.04	2.11	1.01	4.11	1.19	0.29	0.05	0.18
10EES 0300	L	<	1.2	95	89	225	86	18	70	5	<	<	1.2	20	35	183	7	46	90	543	22	76	3	5	0.10	2.68	0.94	3.81	1.85	0.31	0.07	0.13
10EES 0301	L	<	1.3	96	70	211	36	13	460	4	<	<	1.2	15	35	149	<	38	79	519	54	54	5	6	0.02	2.10	1.16	3.78	1.00	0.23	0.04	0.14
10EES 0302	L	6	1.0	69	46	156	24	10	385	4	<	<	0.3	13	35	143	<	39	80	614	55	37	5	6	0.02	1.86	0.87	4.02	1.00	0.17	0.02	0.13
10EES 0303	L	30	18.0	73	228	96	219	48	1640	4	<	104	2.5	10	26	171	<	37	59	561	43	46	5	5	<	1.03	0.88	3.99	0.45	0.14	0.02	0.13
10EES 0304	L	8	0.2	65	15	113	<	7	290	2	<	<	<	11	36	98	<	23	48	277	14	7	<	1	<	0.50	0.02	4.08	0.05	0.15	0.01	0.07
10EES 0305	L	12	1.0	263	40	132	59	17	135	4	<	<	<	10	45	249	<	52	84	193	141	27	4	13	0.02	1.27	0.08	6.16	0.34	0.26	0.02	0.15
Min Limit		5	0.1	1	2	1	5	5	5	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*		9999	99.9	20000	20000	20000	9999	999	9999	999	999	9999	99.9	9999	9999	9999	999	9999	9999	9999	9999	9999	9999	9999	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method		GeoS	ICP	ICP	ICP	ICP	ICP	ICP	CVA	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % L=Silt N=No Sample S=Soil

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CERTIFICATE OF ANALYSIS
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Client : Nicholson & Associates
Project: PFC

758 Samples
753=Silt 2=No Sample 3=Soil [091510:20:28:79092997]

Out: Sep 26, 1997
In : Sep 16, 1997

Sample Name		Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppb	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
10EES 0306	L	<	0.3	55	15	187	<	16	790	4	<	<	0.1	21	56	165	<	23	38	1052	33	15	1	4	<	0.50	0.15	5.29	0.04	0.08	0.01	0.11
10EES 0307	L	<	0.3	69	21	142	<	7	305	3	<	<	0.2	20	69	369	<	32	53	689	38	25	1	4	<	0.72	0.39	4.33	0.26	0.11	0.02	0.15
10EES 0309	L	<	0.3	73	14	116	<	6	85	3	<	<	<	36	36	2188	<	21	89	1199	28	49	1	9	0.02	1.83	0.91	5.23	0.94	0.17	0.02	0.13
10EES 0310	L	<	0.6	109	25	137	<	9	160	5	<	<	<	24	58	676	<	39	94	763	40	37	3	6	0.02	1.36	0.67	5.94	0.77	0.12	0.02	0.15
10EES 0311	L	10	1.0	144	38	192	35	16	405	11	<	<	1.5	10	52	153	<	32	121	700	20	37	3	3	0.01	0.92	1.30	2.98	0.60	0.07	0.02	0.14
10EES 0312	L	8	1.2	121	32	128	138	13	325	4	<	3	0.5	18	48	454	<	37	85	587	25	42	3	5	0.04	1.48	0.77	3.91	0.92	0.26	0.04	0.12
10EES 0314	L	20	0.9	114	31	287	49	12	1025	8	<	<	1.1	12	49	242	<	23	64	430	29	45	3	4	<	0.88	0.61	3.20	0.64	0.16	0.02	0.11
10EES 0315	L	10	0.4	93	34	457	<	12	615	6	<	<	0.9	14	47	179	<	20	56	572	27	40	3	4	<	0.68	0.37	3.63	0.31	0.14	0.02	0.13
10EES 0316	L	8	0.6	94	26	166	33	10	275	6	<	<	0.1	19	49	563	<	34	88	674	27	36	3	5	0.03	1.39	0.58	4.38	0.94	0.22	0.03	0.13
10EES 0317	L	<	0.9	92	31	166	37	10	480	6	<	<	0.7	15	45	333	<	28	68	541	25	43	4	4	0.02	1.11	0.67	3.66	0.69	0.22	0.03	0.11
10EES 0318	L	<	0.9	97	33	156	50	11	370	5	<	<	0.7	17	48	305	12	34	76	645	26	39	4	5	0.02	1.22	0.54	3.87	0.72	0.23	0.03	0.11
10EES 0319	L	<	0.6	98	23	194	45	11	365	4	<	<	1.6	29	76	290	<	28	66	1160	27	44	4	4	0.02	1.20	0.62	3.26	0.69	0.28	0.03	0.12
12EES 0170	L	<	0.7	46	21	107	<	8	125	4	<	<	0.2	14	32	339	<	22	37	698	18	33	2	3	<	1.03	0.27	3.55	0.39	0.12	0.02	0.11
12EES 0173	L	<	1.5	31	16	99	8	<	160	3	<	<	0.8	9	26	304	<	26	40	486	24	30	1	1	<	1.55	0.54	2.80	0.42	0.11	0.02	0.14
12EES 0174	L	<	1.4	34	19	83	5	5	125	3	<	<	0.8	10	24	221	<	21	36	490	17	34	1	1	<	1.09	0.63	2.69	0.36	0.08	0.02	0.10
12EES 0175	L	<	0.2	68	14	101	<	<	35	4	<	<	<	25	42	317	<	52	90	1804	19	19	1	4	0.02	1.92	0.26	4.14	0.99	0.08	0.02	0.11
12EES 0177	L	20	0.6	32	18	72	5	<	70	2	<	<	0.9	14	30	217	<	27	58	540	15	32	1	2	0.03	1.29	0.79	2.96	0.62	0.06	0.02	0.08
12EES 0178	L	8	1.7	44	14	100	<	5	115	3	<	<	0.5	12	30	212	<	22	37	594	16	41	1	2	<	0.96	0.96	3.02	0.42	0.07	0.02	0.10
12EES 0179	L	16	1.0	71	34	132	<	<	255	6	<	<	<	18	42	325	<	22	37	773	29	50	1	3	<	0.79	0.52	4.83	0.38	0.11	0.02	0.13
12EES 0180	L	14	0.8	69	24	146	<	<	275	5	<	<	0.6	16	35	273	<	20	39	447	24	46	1	2	<	0.98	0.42	3.76	0.46	0.10	0.02	0.13
12EES 0181	L	<	0.9	72	24	147	<	<	180	6	<	<	0.5	13	35	311	<	22	43	380	22	60	1	2	<	1.11	0.49	3.45	0.51	0.10	0.02	0.15
12EES 0182	L	<	0.9	41	23	98	<	<	195	3	<	<	0.1	11	28	329	<	18	41	526	17	43	1	1	<	0.96	0.61	3.26	0.25	0.07	0.02	0.14
12EES 0183	L	<	0.8	45	24	102	5	<	130	4	<	<	0.2	11	27	346	<	22	44	549	18	46	1	1	<	1.16	0.56	3.31	0.39	0.09	0.02	0.12
12EES 0186	L	8	0.8	63	22	155	<	<	205	4	<	<	0.7	14	33	288	<	20	37	471	23	58	1	2	<	1.04	0.74	3.49	0.51	0.10	0.02	0.13
12EES 0187	L	<	0.8	21	10	61	<	<	70	3	<	<	0.6	9	16	119	<	22	42	597	12	10	1	<	<	1.03	0.08	2.40	0.20	0.07	0.02	0.12
12EES 0188	L	<	0.5	23	14	84	6	<	160	3	<	<	1.0	11	20	172	<	22	40	829	13	27	1	<	<	1.07	0.53	2.60	0.33	0.09	0.02	0.14
12EES 0189	L	<	0.6	25	12	98	10	<	75	2	<	<	1.0	9	20	192	<	21	43	671	14	35	<	<	0.01	1.26	0.77	2.66	0.38	0.05	0.02	0.11
12EES 0190	L	<	0.3	15	10	62	7	<	40	2	<	<	0.4	6	17	212	<	22	40	272	11	18	1	1	0.01	1.19	0.35	2.38	0.41	0.04	0.02	0.05
12EES 0191	L	10	1.0	50	17	114	<	<	175	4	<	<	1.1	11	28	236	<	18	31	347	17	59	1	2	<	0.87	1.19	2.89	0.46	0.07	0.02	0.11
12EES 0192	L	<	1.4	42	21	141	<	<	185	4	<	<	0.8	14	31	236	<	21	40	456	20	47	2	3	<	1.11	0.75	3.21	0.48	0.09	0.02	0.13
12EES 0193	L	<	1.4	48	20	100	<	<	390	4	<	<	0.1	12	28	289	<	20	36	404	19	44	2	2	<	0.93	0.80	3.25	0.43	0.09	0.02	0.09
12EES 0194	L	<	1.4	51	17	117	<	<	240	3	<	<	0.6	13	31	258	<	20	32	324	20	49	2	3	<	1.00	0.91	3.05	0.45	0.10	0.02	0.11
12EES 0195	L	<	1.1	50	18	148	<	<	230	4	<	<	1.5	11	30	250	<	20	34	485	20	57	1	2	<	1.04	1.14	2.88	0.46	0.08	0.02	0.12
12EES 0197	L	<	1.0	41	17	85	<	<	150	3	<	<	0.6	11	25	267	<	21	37	383	18	46	1	2	<	1.08	0.79	2.85	0.45	0.08	0.02	0.11
12EES 0198	L	<	0.8	43	17	99	<	<	165	3	<	<	0.8	10	26	269	<	19	33	402	18	47	1	2	<	1.01	0.90	2.71	0.41	0.07	0.02	0.12
12EES 0201	L	<	0.6	43	20	146	<	<	60	9	<	<	1.3	9	25	326	<	20	54	765	7	76	<	<	<	0.72	0.27	3.55	0.16	0.28	0.02	0.17
12EES 0202	L	<	0.7	33	12	221	<	<	50	8	<	<	1.7	10	36	394	<	21	65	707	6	19	<	1	0.02	0.56	0.13	2.72	0.13	0.09	0.02	0.07
12EES 0203	L	<	0.6	18	8	37	5	<	35	2	<	<	1.4	2	10	323	<	18	17	121	5	15	1	<	<	0.54	0.09	0.62	0.05	0.05	0.03	0.11
12EES 0204	L	<	0.4	32	16	113	9	<	20	7	<	<	19.2	14	22	683	<	21	43	4622	4	39	<	<	<	0.62	0.29	1.52	0.12	0.08	0.03	0.09
Min Limit		5	0.1	1	2	1	5	5	5	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*		9999	99.9	20000	20000	20000	9999	999	9999	999	999	9999	99.9	9999	9999	9999	999	9999	9999	9999	9999	9999	9999	9999	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method		GeoS	ICP	ICP	ICP	ICP	ICP	ICP	CVA	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % L=Silt N=No Sample S=Soil

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Client : Nicholson & Associates
Project: PFC

758 Samples

753=Silt 2=No Sample 3=Soil [091510:20:28:79092997]

Out: Sep 26, 1997
In : Sep 16, 1997

Sample Name		Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppb	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
12EES 0205	L	<	0.6	28	7	178	13	<	125	3	<	<	4.0	7	40	435	<	14	30	497	9	99	1	1	0.01	0.87	1.74	1.63	0.53	0.07	0.02	0.11
12EES 0206	L	<	1.0	16	3	96	<	<	860	2	<	<	1.3	2	16	215	<	10	37	329	2	111	1	<	<	0.32	1.96	0.74	0.33	0.04	0.02	0.09
12EES 0207	L	6	1.1	43	<	162	6	<	935	3	<	<	3.0	3	62	278	<	18	53	398	4	109	1	<	<	0.50	1.91	1.04	0.39	0.05	0.02	0.11
12EES 0208	L	<	0.7	30	2	166	<	<	695	3	<	<	6.0	3	51	223	<	15	43	373	4	104	2	<	<	0.43	1.95	0.99	0.39	0.06	0.02	0.12
12EES 0209	L	<	0.8	29	<	151	<	<	940	3	<	<	3.0	3	40	234	<	15	40	335	4	107	1	1	<	0.50	1.87	1.14	0.39	0.05	0.02	0.11
12EES 0210	L	<	0.7	30	6	286	<	<	800	4	<	<	3.7	7	49	249	<	17	53	418	6	99	2	1	<	0.57	1.63	2.31	0.37	0.07	0.02	0.12
12EES 0211	L	10	0.9	44	5	336	<	<	805	4	<	<	4.2	10	64	349	<	19	67	854	6	138	1	1	<	0.61	2.15	3.22	0.46	0.06	0.02	0.14
12EES 0212	L	<	0.6	36	3	713	<	<	450	6	<	<	2.2	14	70	426	<	19	71	949	6	105	2	1	<	0.68	1.20	9.18	0.37	0.08	0.02	0.11
12EES 0214	L	<	0.6	46	7	329	<	<	415	5	<	<	2.3	11	51	418	<	20	65	723	9	98	2	1	0.01	0.88	1.14	3.69	0.46	0.08	0.02	0.13
12EES 0215	L	<	0.6	44	7	238	<	<	400	3	<	<	2.2	8	40	374	<	19	49	411	8	92	1	1	0.01	0.86	1.23	2.63	0.49	0.07	0.02	0.11
12EES 0233	L	<	0.2	18	58	47	15	7	2375	3	<	<	1.1	5	8	113	<	13	35	118	25	53	<	1	<	0.39	0.06	2.00	0.05	0.03	0.02	0.09
12EES 0234	L	<	0.3	44	47	95	98	<	595	7	<	<	<	22	14	257	<	26	69	1210	69	45	4	10	0.09	1.74	0.60	4.85	0.54	0.39	0.02	0.16
12EES 0236	L	8	0.4	37	85	143	296	7	140	8	<	<	<	16	11	143	<	17	44	794	46	22	3	5	0.01	1.41	0.28	4.48	0.26	0.08	0.01	0.10
12EES 0239	L	10	1.5	62	136	103	105	20	415	5	<	<	<	12	7	150	<	13	36	324	95	137	1	3	0.01	0.95	0.21	6.07	0.18	0.34	0.12	0.13
12EES 0244	L	<	0.3	38	72	91	37	14	1805	7	<	<	<	17	12	223	<	26	65	962	66	56	3	8	0.07	1.95	0.41	4.45	0.54	0.16	0.02	0.11
12EES 0245	L	<	0.2	24	47	71	34	<	810	5	<	<	<	10	11	121	<	21	55	550	28	32	1	2	0.02	1.26	0.12	3.32	0.23	0.08	0.02	0.09
12EES 0247	L	6	0.5	62	44	144	72	5	395	6	<	<	0.2	28	37	151	<	35	87	1017	41	44	1	6	0.07	2.09	0.30	4.94	0.66	0.15	0.02	0.12
12EES 0250	L	6	0.8	146	35	118	60	<	120	5	<	<	0.2	24	43	298	<	33	96	1029	31	343	1	3	0.05	2.69	0.55	4.82	0.88	0.09	0.05	0.14
12EES 0251	L	<	0.6	87	38	101	28	<	105	8	<	<	<	12	30	247	<	36	73	444	18	133	1	3	0.06	1.78	0.32	5.50	0.75	0.09	0.03	0.19
12EES 0252	L	8	0.8	132	48	231	9	5	155	11	<	<	0.1	29	99	358	<	60	204	629	29	45	1	6	0.06	2.00	1.22	6.55	1.06	0.18	0.03	0.59
12EES 0255	L	<	0.5	51	65	127	438	7	565	5	<	<	<	20	18	180	<	36	83	904	47	37	1	7	0.07	2.09	0.50	4.85	0.55	0.09	0.02	0.16
12EES 0257	L	16	0.2	51	23	98	34	<	155	5	<	<	<	32	23	1465	<	22	120	604	30	45	3	8	0.25	2.01	0.42	6.27	1.31	0.55	0.08	0.17
12EES 0259	L	22	0.9	79	24	187	<	<	75	6	<	<	<	21	65	385	<	37	84	568	18	32	1	3	0.06	2.22	0.28	5.31	0.74	0.12	0.04	0.19
12EES 0261	L	36	0.7	81	39	314	<	8	1835	7	<	<	0.2	52	143	1192	<	58	102	1767	41	38	2	11	0.06	1.82	0.40	7.34	0.62	0.16	0.04	0.14
13EES 0005	L	<	0.2	14	9	64	<	<	125	2	<	<	0.9	10	22	154	<	20	15	293	10	209	2	5	<	0.49	9.36	2.49	0.28	0.07	0.02	0.10
13EES 0007	L	<	0.2	12	9	57	<	<	125	2	<	<	1.1	9	18	167	<	18	13	353	14	252	1	5	<	0.48	10%	2.09	0.24	0.07	0.02	0.09
13EES 0008	L	<	0.1	17	39	231	6	<	80	2	<	<	0.6	9	19	216	<	23	36	470	13	20	<	1	<	1.27	0.42	2.83	0.37	0.07	0.02	0.11
13EES 0009	L	<	0.2	17	11	74	<	<	85	1	<	<	0.4	8	20	205	<	23	38	305	21	37	1	2	0.01	1.14	0.79	2.56	0.41	0.05	0.02	0.11
13EES 0022	L	<	0.2	13	12	60	<	<	150	2	<	<	1.2	9	16	145	<	18	13	345	9	222	2	4	<	0.76	10%	2.29	0.46	0.07	0.02	0.09
13EES 0023	L	<	0.2	13	10	62	<	<	235	2	<	<	0.8	9	18	130	<	17	11	365	16	265	2	5	<	0.83	9.83	2.29	0.51	0.13	0.02	0.09
13EES 0024	L	<	0.2	14	16	66	<	<	175	2	<	<	0.8	10	18	127	<	18	16	418	16	137	2	5	<	0.80	5.10	2.49	0.40	0.10	0.02	0.11
13EES 0025	L	<	0.2	29	14	92	<	<	250	2	<	<	0.1	13	26	153	<	21	27	562	22	26	1	3	<	1.05	0.57	3.04	0.47	0.12	0.02	0.12
13EES 0027	L	6	0.3	52	19	107	<	5	165	3	<	<	<	20	41	229	<	29	46	1025	23	36	1	4	<	0.84	0.36	4.57	0.18	0.09	0.02	0.13
13EES 0040	L	<	0.3	27	18	72	20	<	15	2	<	<	<	9	24	95	<	33	48	310	12	15	1	3	0.04	2.32	0.13	3.03	0.40	0.06	0.02	0.05
13EES 0043	L	<	0.2	17	15	60	17	<	15	2	<	<	0.1	15	27	144	<	33	59	381	14	11	2	3	0.04	2.35	0.11	3.21	0.46	0.05	0.02	0.04
13EES 0044	L	<	0.3	126	11	65	6	7	170	4	<	<	<	57	242	185	<	270	107	1021	12	21	6	12	0.27	2.94	0.77	4.66	5.22	0.05	0.02	0.07
13EES 0045	L	<	0.3	77	10	81	<	<	325	2	<	<	<	22	49	327	<	77	137	1445	21	39	2	5	0.07	2.41	1.03	4.41	1.57	0.04	0.02	0.13
13EES 0047	L	<	0.3	47	19	113	7	<	400	4	<	<	<	9	26	132	<	28	72	264	9	8	1	2	0.03	1.76	0.08	3.63	0.29	0.05	0.02	0.04
15EES 0136	L	<	0.5	47	25	112	36	<	400	3	<	<	0.3	22	35	642	<	32	87	602	18	43	1	3	0.08	2.52	0.69	3.36	1.14	0.07	0.05	0.09
Min Limit		5	0.1	1	2	1	5	5	5	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*		9999	99.9	20000	20000	20000	9999	999	9999	999	999	9999	99.9	9999	9999	9999	999	9999	9999	9999	9999	9999	9999	9999	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method		GeoS	ICP	ICP	ICP	ICP	ICP	ICP	CVA	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % L=Silt N=No Sample S=Soil

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Client : Nicholson & Associates
Project: PFC

758 Samples
753=Silt 2=No Sample 3=Soil [091510:20:28:79092997]

Out: Sep 26, 1997
In : Sep 16, 1997

Sample Name		Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppb	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
15EES 0137	L	<	0.3	25	16	90	9	<	180	2	<	<	0.5	16	31	507	<	35	67	441	13	28	1	3	0.06	1.80	0.46	2.65	0.89	0.06	0.03	0.07
15EES 0138	L	6	0.4	26	20	82	12	<	185	3	<	<	0.6	13	29	474	<	32	64	278	13	30	1	2	0.06	1.76	0.47	2.51	0.84	0.06	0.03	0.07
15EES 0139	L	<	0.3	24	12	82	12	<	200	1	<	<	0.7	15	24	503	<	24	39	757	13	45	1	2	0.04	1.37	0.74	1.67	0.53	0.04	0.03	0.06
15EES 0140	L	<	0.3	25	15	86	13	<	215	3	<	<	0.5	13	26	406	<	30	55	472	15	41	1	3	0.06	1.60	0.85	2.17	0.69	0.05	0.03	0.06
16EES 0067	L	<	0.4	13	10	75	7	<	230	3	<	<	<	6	16	108	<	25	72	236	9	11	<	2	0.03	1.56	0.13	3.06	0.32	0.04	0.02	0.04
E - 7 0206	L	7	0.5	59	25	132	26	<	295	4	<	<	1.0	19	83	981	<	43	67	309	19	59	1	3	0.08	1.81	0.82	3.15	0.89	0.20	0.06	0.12
E - 7 0207	L	<	0.5	47	55	124	70	<	325	4	<	<	1.9	11	41	499	<	44	51	436	18	53	1	2	0.04	1.19	1.23	2.32	0.60	0.27	0.06	0.15
E - 7 0208	L	<	0.1	30	25	81	8	<	290	2	<	<	1.4	7	27	327	<	26	30	320	12	51	1	<	0.02	0.65	1.38	1.36	0.37	0.23	0.05	0.12
E - 7 0210	L	<	0.1	32	13	78	10	<	255	2	<	<	1.5	7	26	421	<	43	37	307	12	48	1	1	0.03	0.81	1.24	1.53	0.50	0.36	0.07	0.14
E - 7 0211	L	9	0.4	54	32	115	13	<	280	2	<	<	5.6	11	39	504	<	29	49	375	23	51	1	2	0.04	1.27	1.21	2.23	0.60	0.26	0.05	0.18
E - 7 0213	L	<	0.2	45	10	78	12	<	195	3	<	<	3.2	7	28	290	<	39	28	322	16	51	1	1	0.01	0.68	1.61	1.07	0.37	0.49	0.06	0.21
E - 7 0214	L	<	0.4	55	26	121	16	<	140	3	<	<	1.6	14	44	702	<	39	72	390	22	52	1	3	0.06	1.58	1.15	3.10	0.77	0.16	0.05	0.14
E - 7 0216	L	<	0.2	43	22	112	9	<	130	3	<	<	1.7	15	40	748	<	38	76	299	18	59	1	3	0.08	1.51	1.44	2.97	0.83	0.14	0.05	0.14
E - 7 0217	L	<	0.4	63	19	125	10	<	180	3	<	<	3.2	15	48	600	<	34	61	562	21	56	1	2	0.06	1.46	1.41	2.68	0.73	0.16	0.05	0.17
E - 7 0180	S	<	0.4	107	23	84	18	10	250	4	<	<	<	64	256	1903	<	229	138	1182	12	101	2	25	0.13	3.31	3.00	6.45	3.74	0.40	0.10	0.08
E - 7 0190	S	<	0.4	68	20	118	38	<	80	6	<	<	<	18	47	320	<	47	141	474	34	40	1	5	0.06	2.11	0.38	4.09	0.58	0.16	0.04	0.14
E - 7 0192	S	<	0.4	59	16	98	32	<	70	5	<	<	0.7	16	49	366	<	41	114	350	11	49	1	2	0.05	2.73	0.35	3.75	0.40	0.09	0.05	0.15
Min Limit		5	0.1	1	2	1	5	5	5	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*		9999	99.9	20000	20000	20000	9999	999	9999	999	999	9999	99.9	9999	9999	9999	999	9999	9999	9999	9999	9999	9999	9999	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method		GeoS	ICP	ICP	ICP	ICP	ICP	ICP	CVA	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Nicholson & Associates

11 Samples Out: Sep 24, 1997 In: Sep 16, 1997 [091814:20:30:79092697]

Project : PFC
Shipper : George Nicholson
Shipment: PO#:
Analysis:
Au(FA/AAS 30g) Au(g/mt) ICP(AqR)30

Comment:

CODE	AMOUNT	TYPE	PREPARATION DESCRIPTION	PULP	REJECT
B851	3	No Sampl	No sample		
B211	8	Rock	crush, split & pulverize	12M/Dis	03M/Dis

NS=No Sample Rep=Replicate M=Month Dis=Discard

Document Distribution

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Analytical Summary

##	Code	Method	Units	Description	Element	Limit Low	Limit High
01	0313	FA/AAS	ppb	Au FA/AAS finish 30g	Gold	2	10000
02	0364	FAGrav	g/mt	Au FA/Grav in g/mt	Gold	0.07	1000.00
03	0721	ICP	ppm	Ag ICP	Silver	0.1	100.0
04	0711	ICP	ppm	Cu ICP	Copper	1	20000
05	0714	ICP	ppm	Pb ICP	Lead	2	20000
06	0730	ICP	ppm	Zn ICP	Zinc	1	20000
07	0703	ICP	ppm	As ICP	Arsenic	5	10000
08	0702	ICP	ppm	Sb ICP	Antimony	5	1000
09	0732	ICP	ppm	Hg ICP	Mercury	3	10000
10	0717	ICP	ppm	Mo ICP	Molydenum	1	1000
11	0747	ICP	ppm	Tl ICP (Incomplete Digestion)	Thallium	10	1000
12	0705	ICP	ppm	Bi ICP	Bismuth	2	10000
13	0707	ICP	ppm	Cd ICP	Cadmium	0.1	100.0
14	0710	ICP	ppm	Co ICP	Cobalt	1	10000
15	0718	ICP	ppm	Ni ICP	Nickel	1	10000
16	0704	ICP	ppm	Ba ICP (Incomplete Digestion)	Barium	2	10000
17	0727	ICP	ppm	W ICP (Incomplete Digestion)	Tungsten	5	1000
18	0709	ICP	ppm	Cr ICP (Incomplete Digestion)	Chromium	1	10000
19	0729	ICP	ppm	V ICP	Vanadium	2	10000
20	0716	ICP	ppm	Mn ICP	Manganese	1	10000
21	0713	ICP	ppm	La ICP (Incomplete Digestion)	Lanthanum	2	10000
22	0723	ICP	ppm	Sr ICP (Incomplete Digestion)	Strontium	1	10000
23	0731	ICP	ppm	Zr ICP	Zirconium	1	10000
24	0736	ICP	ppm	Sc ICP	Scandium	1	10000
25	0726	ICP	%	Ti ICP (Incomplete Digestion)	Titanium	0.01	1.00
26	0701	ICP	%	Al ICP (Incomplete Digestion)	Aluminum	0.01	10.00
27	0708	ICP	%	Ca ICP (Incomplete Digestion)	Calcium	0.01	10.00
28	0712	ICP	%	Fe ICP	Iron	0.01	10.00
29	0715	ICP	%	Mg ICP (Incomplete Digestion)	Magnesium	0.01	10.00
30	0720	ICP	%	K ICP (Incomplete Digestion)	Potassium	0.01	10.00
31	0722	ICP	%	Na ICP (Incomplete Digestion)	Sodium	0.01	5.00
32	0719	ICP	%	P ICP	Phosphorus	0.01	5.00

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* Our liability is limited solely to the analytical cost of these analyses.

BC Certified Assayer: David Chiu

INTERNATIONAL PLASMA LABORATORY LTD.

CERTIFICATE OF ANALYSIS
iPL 97I0918

2036 Columbia Street
Vancouver, B.C.
Canada V5Y 3E1
Phone (604) 879-7878
Fax (604) 879-7898

Client : Nicholson & Associates
Project: PFC

11 Samples
3=No Sample 8=Rock

[091814:23:44:79092697]

Out: Sep 24, 1997
In : Sep 16, 1997

Sample Name	Type	Au ppb	Au g/mt	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm
10ER 0226 NS	No Sample	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10ER 0227	Rock	9	—	<0.1	57	13	39	42	<5	<3	2	<10	<2	<0.1	39	246	973	<5	109
10ER 0228 NS	No Sample	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10ER 0229 NS	No Sample	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10ER 0230	Rock	18	—	<0.1	108	14	47	102	7	<3	4	<10	<2	<0.1	51	291	415	<5	203
10ER 0231	Rock	<2	—	<0.1	22	6	93	<5	<5	<3	4	<10	<2	<0.1	44	43	1396	<5	29
10ER 0241	Rock	19	—	<0.1	25	4	107	<5	<5	<3	4	<10	<2	<0.1	31	6	410	<5	21
10ER 0242	Rock	2	—	<0.1	105	7	105	<5	6	<3	3	<10	<2	<0.1	56	196	178	<5	171
10ER 0308	Rock	<2	—	<0.1	50	4	49	<5	12	<3	4	<10	<2	<0.1	21	74	150	<5	185
10ER 0313	Rock	<2	—	<0.1	75	81	389	17	16	<3	4	<10	<2	3.0	10	30	211	<5	88
10ER 0329	Rock	<2	—	<0.1	114	27	111	6	103	<3	5	<10	<2	<0.1	35	31	19	<5	44
Minimum Detection		2	0.07	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1
Maximum Detection		10000	1000.00	100.0	20000	20000	20000	10000	1000	10000	1000	1000	10000	100.0	10000	10000	10000	1000	10000
Method		FA/AAS	FAGrav	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate %

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11 Samples
3=No Sample 8=Rock

[091814:23:44:79092697]

Out: Sep 24, 1997
In : Sep 16, 1997

Sample Name	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
10ER 0226 NS	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10ER 0227	43	355	8	113	4	4	0.12	3.22	1.63	3.28	3.82	0.26	0.39	0.08
10ER 0228 NS	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10ER 0229 NS	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10ER 0230	92	196	8	51	4	7	0.22	3.58	1.18	3.92	4.16	0.97	0.32	0.08
10ER 0231	197	772	16	58	2	6	0.25	2.31	0.95	6.61	3.25	0.68	0.32	0.17
10ER 0241	139	478	28	10	5	10	0.22	1.68	0.74	6.62	2.37	0.81	0.13	0.25
10ER 0242	126	798	4	19	16	8	0.55	2.23	0.88	6.18	3.44	0.52	0.28	0.08
10ER 0308	102	899	13	367	3	15	<0.01	0.79	12%	4.27	4.74	0.08	0.02	0.07
10ER 0313	27	646	11	128	6	3	<0.01	0.49	9.11	2.11	1.18	0.24	0.02	0.05
10ER 0329	123	966	43	13	38	22	<0.01	0.76	0.73	13%	0.30	0.02	0.01	0.08
Minimum Detection	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	1.00	10.00	10.00	10.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Nicholson & Associates

44 Samples Out: Sep 23, 1997 In: Sep 16, 1997 [092115:40:09:79092397]

Project : PFC
Shipper : George Nicholson
Shipment: PO#:
Analysis:
Au(FA/AAS 30g) Au(g/mt) ICP(AqR)30

Comment:

CODE	AMOUNT	TYPE	PREPARATION DESCRIPTION	PULP 12M/Dis	REJECT 03M/Dis
B211	44	Rock	crush, split & pulverize		

NS=No Sample Rep=Replicate M=Month Dis=Discard

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Analytical Summary

##	Code	Method	Units	Description	Element	Limit Low	Limit High
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04	0711	ICP	ppm	Cu ICP	Copper	1	20000
05	0714	ICP	ppm	Pb ICP	Lead	2	20000
06	0730	ICP	ppm	Zn ICP	Zinc	1	20000
07	0703	ICP	ppm	As ICP	Arsenic	5	10000
08	0702	ICP	ppm	Sb ICP	Antimony	5	1000
09	0732	ICP	ppm	Hg ICP	Mercury	3	10000
10	0717	ICP	ppm	Mo ICP	Molydenum	1	1000
11	0747	ICP	ppm	Tl ICP (Incomplete Digestion)	Thallium	10	1000
12	0705	ICP	ppm	Bi ICP	Bismuth	2	10000
13	0707	ICP	ppm	Cd ICP	Cadmium	0.1	100.0
14	0710	ICP	ppm	Co ICP	Cobalt	1	10000
15	0718	ICP	ppm	Ni ICP	Nickel	1	10000
16	0704	ICP	ppm	Ba ICP (Incomplete Digestion)	Barium	2	10000
17	0727	ICP	ppm	W ICP (Incomplete Digestion)	Tungsten	5	1000
18	0709	ICP	ppm	Cr ICP (Incomplete Digestion)	Chromium	1	10000
19	0729	ICP	ppm	V ICP	Vanadium	2	10000
20	0716	ICP	ppm	Mn ICP	Manganese	1	10000
21	0713	ICP	ppm	La ICP (Incomplete Digestion)	Lanthanum	2	10000
22	0723	ICP	ppm	Sr ICP (Incomplete Digestion)	Strontium	1	10000
23	0731	ICP	ppm	Zr ICP	Zirconium	1	10000
24	0736	ICP	ppm	Sc ICP	Scandium	1	10000
25	0726	ICP	%	Ti ICP (Incomplete Digestion)	Titanium	0.01	1.00
26	0701	ICP	%	Al ICP (Incomplete Digestion)	Aluminum	0.01	10.00
27	0708	ICP	%	Ca ICP (Incomplete Digestion)	Calcium	0.01	10.00
28	0712	ICP	%	Fe ICP	Iron	0.01	10.00
29	0715	ICP	%	Mg ICP (Incomplete Digestion)	Magnesium	0.01	10.00
30	0720	ICP	%	K ICP (Incomplete Digestion)	Potassium	0.01	10.00
31	0722	ICP	%	Na ICP (Incomplete Digestion)	Sodium	0.01	5.00
32	0719	ICP	%	P ICP	Phosphorus	0.01	5.00

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Client : Nicholson & Associates
Project: PFC

44 Samples
44=Rock

[092115:40:09:79092397]

Out: Sep 23, 1997
In : Sep 16, 1997

Sample Name	Type	Au ppb	Au g/mt	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm
03ER 0172	Rock	<2	—	0.2	41	18	48	14	9	<3	3	<10	<2	<0.1	31	48	216	<5	64
03ER 0173	Rock	<2	—	0.2	43	31	163	15	18	<3	13	<10	<2	<0.1	33	15	160	<5	5
03ER 0174	Rock	2	—	0.4	84	18	56	48	10	<3	4	<10	<2	<0.1	46	16	121	<5	16
03ER 0175	Rock	<2	—	0.2	3784	3	339	<5	7	<3	3	<10	<2	1.2	36	75	75	<5	103
03ER 0176	Rock	2	—	0.3	98	12	12	177	20	<3	2	<10	<2	0.4	2	5	134	<5	128
03ER 0177	Rock	<2	—	0.2	73	21	34	<5	17	<3	4	<10	<2	<0.1	29	5	177	<5	5
03ER 0178	Rock	42	—	12.0	3583	13	75	9	25	<3	2	<10	<2	0.5	9	12	86	<5	137
03ER 0179	Rock	3	—	0.2	87	23	47	<5	7	<3	3	<10	<2	<0.1	24	13	84	<5	32
03ER 0181	Rock	5	—	2.2	1573	334	856	<5	89	<3	14	<10	<2	<0.1	3	63	114	<5	58
03ER 0182	Rock	50	—	1.5	53	68	66	16	48	<3	3	<10	<2	<0.1	1	4	68	<5	152
03ER 0183	Rock	<2	—	0.5	17	218	6	7	10	<3	1	<10	<2	<0.1	<1	4	90	<5	174
03ER 0184	Rock	6	—	1.2	402	6483	103	25	97	<3	18	<10	<2	1.6	2	6	46	<5	167
03ER 0185	Rock	2	—	0.9	52	561	25	13	30	<3	3	<10	<2	<0.1	1	4	114	<5	148
05ER 0409	Rock	12	—	0.2	62	8	39	<5	<5	<3	1	<10	<2	<0.1	2	11	488	<5	136
05ER 0410	Rock	9	—	0.1	44	7	54	<5	<5	<3	1	<10	<2	<0.1	2	12	189	<5	179
05ER 0413	Rock	<2	—	<0.1	63	17	77	<5	5	<3	2	<10	<2	<0.1	50	70	1.2%	<5	189
05ER 0414	Rock	10	—	0.2	50	4	19	<5	<5	<3	2	<10	<2	<0.1	5	9	347	<5	195
05ER 0415	Rock	16	—	<0.1	33	<2	26	<5	<5	<3	1	<10	<2	<0.1	2	12	105	<5	188
05ER 0418	Rock	7	—	0.1	155	3	64	<5	<5	<3	2	<10	<2	<0.1	2	13	420	<5	111
05ER 0419	Rock	19	—	0.1	34	4	130	<5	<5	<3	3	<10	<2	<0.1	5	17	213	<5	116
05ER 0420	Rock	45	—	<0.1	24	<2	24	<5	<5	<3	2	<10	<2	<0.1	1	7	133	<5	223
07ER 0224	Rock	27	—	<0.1	42	2	22	<5	<5	<3	2	<10	<2	<0.1	2	9	117	<5	211
07ER 0225	Rock	<2	—	0.2	26	22	115	<5	<5	<3	2	<10	<2	<0.1	17	18	1298	<5	109
07ER 0226	Rock	26	—	0.1	44	<2	40	<5	<5	<3	3	<10	<2	<0.1	2	13	217	<5	173
07ER 0231	Rock	2	—	0.1	34	<2	37	<5	<5	<3	1	<10	<2	<0.1	1	9	194	<5	195
07ER 0232	Rock	12	—	0.1	29	<2	23	<5	<5	<3	2	<10	<2	<0.1	1	8	127	<5	208
07ER 0234	Rock	12	—	<0.1	63	<2	37	<5	<5	<3	3	<10	<2	<0.1	3	12	209	<5	173
08ER 0174	Rock	<2	—	0.1	23	27	49	12	10	<3	2	<10	<2	<0.1	12	8	416	<5	83
08ER 0175	Rock	3	—	0.7	176	28	24	73	<5	<3	3	<10	2	<0.1	4	31	240	<5	108
08ER 0176	Rock	<2	—	0.6	21	94	27	647	58	<3	6	<10	2	<0.1	1	13	298	<5	314
08ER 0177	Rock	<2	—	0.4	158	19	45	35	5	<3	4	<10	<2	0.2	13	54	93	<5	148
08ER 0178	Rock	<2	—	0.2	20	28	64	204	7	<3	4	<10	<2	0.1	7	21	296	<5	132
08ER 0179	Rock	<2	—	0.2	35	25	106	<5	6	<3	2	<10	<2	<0.1	12	43	515	<5	110
11ER 0022	Rock	<2	—	0.2	54	10	62	<5	<5	<3	2	<10	<2	<0.1	6	20	547	<5	35
11ER 0023	Rock	5	—	0.2	14	<2	7	<5	<5	<3	2	<10	<2	<0.1	1	6	211	<5	195
11ER 0024	Rock	7	—	0.3	54	4	33	<5	<5	<3	2	<10	<2	<0.1	4	16	190	<5	128
11ER 0025	Rock	10	—	0.2	47	<2	23	<5	<5	<3	2	<10	<2	<0.1	3	15	200	<5	136
11ER 0055	Rock	<2	—	0.1	21	<2	62	<5	<5	<3	1	<10	<2	<0.1	5	17	303	<5	131
16ER 0195	Rock	32	—	<0.1	52	<2	22	<5	<5	<3	2	<10	<2	<0.1	2	10	120	<5	128
Minimum Detection		2	0.07	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1
Maximum Detection		10000	1000.00	100.0	20000	20000	20000	10000	1000	10000	1000	1000	10000	100.0	10000	10000	10000	1000	10000
Method		FA/AAS	FAGrav	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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44 Samples
44=Rock

[092115:40:09:79092397]

Out: Sep 23, 1997
In : Sep 16, 1997

Sample Name	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
03ER 0172	202	207	10	108	3	9	0.26	4.98	1.62	6.18	3.35	3.20	0.23	0.19
03ER 0173	202	331	18	169	4	4	0.24	4.98	2.10	6.29	3.36	1.52	0.28	0.33
03ER 0174	203	400	9	45	3	7	0.23	3.25	1.17	5.95	1.92	1.20	0.21	0.25
03ER 0175	29	431	6	14	6	4	0.08	0.90	0.39	4.38	0.41	0.04	0.05	0.05
03ER 0176	15	73	12	18	2	2	<0.01	0.35	0.08	1.06	0.03	0.11	0.02	0.14
03ER 0177	126	207	14	104	4	10	0.22	2.76	2.02	4.64	1.96	1.18	0.23	0.24
03ER 0178	14	93	2	12	4	1	0.03	0.34	0.31	1.31	0.15	0.06	0.03	0.03
03ER 0179	134	338	9	97	5	6	0.16	3.11	1.84	4.90	1.59	0.50	0.27	0.19
03ER 0181	263	66	23	6	3	25	<0.01	1.64	0.03	11%	0.01	0.03	<0.01	0.27
03ER 0182	7	21	2	16	2	<1	<0.01	0.09	0.02	0.73	0.02	0.07	0.02	0.02
03ER 0183	3	19	3	4	4	<1	<0.01	0.15	<0.01	0.37	0.01	0.12	0.02	<0.01
03ER 0184	12	20	8	20	3	1	<0.01	0.26	0.02	0.59	0.02	0.12	0.02	0.11
03ER 0185	9	19	8	27	4	1	<0.01	0.27	0.02	0.70	0.02	0.20	0.02	0.04
05ER 0409	7	24	<2	15	2	1	<0.01	0.16	<0.01	0.82	0.01	0.09	0.01	0.01
05ER 0410	10	38	<2	5	2	2	<0.01	0.14	<0.01	2.14	0.01	0.09	0.01	<0.01
05ER 0413	214	1069	26	110	19	12	0.39	3.68	1.93	6.76	3.57	0.27	0.04	0.20
05ER 0414	20	229	3	8	3	2	<0.01	0.28	0.04	0.84	0.05	0.10	0.01	0.01
05ER 0415	16	58	<2	4	2	1	<0.01	0.19	<0.01	1.11	0.02	0.06	0.01	<0.01
05ER 0418	98	56	3	20	2	13	<0.01	0.65	0.02	5.55	0.02	0.09	0.01	0.05
05ER 0419	17	166	<2	6	3	3	<0.01	0.33	0.02	3.28	0.06	0.07	0.01	0.01
05ER 0420	5	31	<2	5	2	1	<0.01	0.10	<0.01	0.78	<0.01	0.05	0.01	<0.01
07ER 0224	7	41	2	3	2	1	<0.01	0.15	<0.01	0.69	0.01	0.07	0.01	<0.01
07ER 0225	117	974	61	100	18	12	0.27	1.96	1.85	3.62	1.63	1.00	0.06	0.13
07ER 0226	8	39	2	9	3	1	<0.01	0.19	0.01	0.77	0.03	0.10	0.01	<0.01
07ER 0231	4	41	<2	9	2	1	<0.01	0.21	<0.01	0.75	0.03	0.12	0.01	<0.01
07ER 0232	3	38	<2	3	2	<1	<0.01	0.09	<0.01	0.67	<0.01	0.05	0.01	<0.01
07ER 0234	5	44	2	5	3	1	<0.01	0.27	<0.01	0.83	0.04	0.16	0.02	0.01
08ER 0174	64	279	26	18	23	5	0.20	2.09	0.25	3.10	1.13	0.87	0.05	0.08
08ER 0175	32	78	23	72	12	2	0.09	1.63	0.50	1.81	0.48	0.34	0.14	0.12
08ER 0176	7	42	7	17	4	1	<0.01	0.18	0.01	2.65	0.03	0.26	0.02	0.03
08ER 0177	32	95	17	99	15	3	0.12	1.62	0.64	2.41	0.60	0.40	0.17	0.10
08ER 0178	62	269	13	18	27	6	0.08	1.12	0.16	2.71	0.61	0.59	0.04	0.08
08ER 0179	85	297	19	35	22	9	0.19	2.24	0.29	3.95	1.44	0.90	0.07	0.12
11ER 0022	13	83	9	25	5	3	<0.01	1.11	0.05	2.15	0.47	0.31	0.02	0.02
11ER 0023	9	23	<2	17	2	<1	<0.01	0.11	<0.01	0.81	0.01	0.14	0.01	0.01
11ER 0024	15	303	2	42	3	2	<0.01	0.29	0.97	1.62	0.39	0.12	0.01	<0.01
11ER 0025	14	1035	2	195	2	3	<0.01	0.24	5.40	3.21	1.90	0.09	0.01	<0.01
11ER 0055	10	59	3	14	2	1	<0.01	0.24	0.03	0.99	0.03	0.09	0.01	0.01
16ER 0195	16	39	2	6	2	1	<0.01	0.21	<0.01	1.28	0.02	0.08	0.01	0.01
Minimum Detection	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	1.00	10.00	10.00	10.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate %

INTERNATIONAL PLASMA LABORATORY LTD.

CERTIFICATE OF ANALYSIS
iPL 97I0921

2036 Columbia Street
Vancouver, B.C.
Canada V5Y 3E1
Phone (604) 879-7878
Fax (604) 879-7898

Client : Nicholson & Associates
Project: PFC

44 Samples
44=Rock

[092115:40:09:79092397]

Out: Sep 23, 1997
In : Sep 16, 1997

Sample Name	Type	Au ppb	Au g/mt	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm
18ER 0092	Rock	6	—	0.2	12	<2	7	<5	<5	<3	1	<10	<2	<0.1	1	5	188	<5	149
18ER 0093	Rock	3	—	0.1	15	2	39	<5	<5	<3	4	<10	<2	<0.1	2	11	107	<5	198
18ER 0094	Rock	5	—	0.1	11	<2	26	<5	<5	<3	3	<10	<2	<0.1	1	9	145	<5	206
18ER 0105	Rock	15	—	0.3	97	8	140	<5	<5	<3	8	<10	<2	0.5	3	27	315	<5	256
18ER 0108	Rock	9	—	0.1	25	<2	42	<5	<5	<3	1	<10	<2	<0.1	2	13	111	<5	226
Minimum Detection		2	0.07	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1
Maximum Detection		10000	1000.00	100.0	20000	20000	20000	10000	1000	10000	1000	1000	10000	100.0	10000	10000	10000	1000	10000
Method		FA/AAS	FAGrav	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate %

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44 Samples
44=Rock

[092115:40:09:79092397]

Out: Sep 23, 1997
In : Sep 16, 1997

Sample Name	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
18ER 0092	8	30	<2	6	2	1	<0.01	0.17	0.02	0.50	0.02	0.12	0.01	<0.01
18ER 0093	9	119	2	3	2	3	<0.01	0.10	<0.01	1.38	0.01	0.05	0.01	0.01
18ER 0094	23	27	<2	19	1	<1	<0.01	0.08	0.03	0.98	0.02	0.08	0.02	<0.01
18ER 0105	20	230	2	39	2	1	<0.01	0.16	0.02	1.40	0.02	0.10	0.02	0.02
18ER 0108	4	143	3	5	1	1	<0.01	0.09	0.01	1.08	0.03	0.05	0.01	<0.01
Minimum Detection	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	1.00	10.00	10.00	10.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate %

INTERNATIONAL PLASMA LAB. LTD.
2036 COLUMBIA STREET
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SAMPLE DISCREPANCY

REPORT: 9720920 (Nicholson & Assoc. PFC Project)

DATE: 97-09-16

iPL PREP. REP.:

The following samples were missing, but had been included on the submittal bag.

1) 5ER0092

Total: 1

The following samples were included, but were not on the submittal: bag.

1). 5ER419

Total: 1

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iPL 97I0922

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Fax (604) 879-7898

Nicholson & Associates

78 Samples Out: Sep 17, 1997 In: Sep 16, 1997 [092215:41:37:79092397]

Project : Norex
Shipper : George Nicholson
Shipment: PO#:
Analysis:
Au(FA/AAS 30g) Au(g/mt) ICP(AqR)30

Comment:

CODE	AMOUNT	TYPE	PREPARATION DESCRIPTION	PULP	REJECT
B211	78	Rock	crush, split & pulverize	12M/Dis	03M/Dis

NS=No Sample Rep=Replicate M=Month Dis=Discard

Document Distribution

1 Nicholson & Associates
1210 - 675 W Hastings St
Vancouver
B.C. V6B 1N2
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EN	RT	CC	IN	FX
1	2	2	2	1
DL	**3D**	**EM**	**BT**	**BL**
0	0	0	1	0

2 Nicholson & Associates
Dawson City
Yukon
Canada
Att: Bill/George/Garth
Fx:403/993-6892

EN	RT	CC	IN	FX
1	2	2	2	1
DL	**3D**	**EM**	**BT**	**BL**
0	0	0	0	0

Analytical Summary

##	Code	Method	Units	Description	Element	Limit Low	Limit High
01	0313	FA/AAS	ppb	Au FA/AAS finish 30g	Gold	2	10000
02	0364	FAGrav	g/mt	Au FA/Grav in g/mt	Gold	0.07	1000.00
03	0721	ICP	ppm	Ag ICP	Silver	0.1	100.0
04	0711	ICP	ppm	Cu ICP	Copper	1	20000
05	0714	ICP	ppm	Pb ICP	Lead	2	20000
06	0730	ICP	ppm	Zn ICP	Zinc	1	20000
07	0703	ICP	ppm	As ICP	Arsenic	5	10000
08	0702	ICP	ppm	Sb ICP	Antimony	5	1000
09	0732	ICP	ppm	Hg ICP	Mercury	3	10000
10	0717	ICP	ppm	Mo ICP	Molydenum	1	1000
11	0747	ICP	ppm	Tl ICP (Incomplete Digestion)	Thallium	10	1000
12	0705	ICP	ppm	Bi ICP	Bismuth	2	10000
13	0707	ICP	ppm	Cd ICP	Cadmium	0.1	100.0
14	0710	ICP	ppm	Co ICP	Cobalt	1	10000
15	0718	ICP	ppm	Ni ICP	Nickel	1	10000
16	0704	ICP	ppm	Ba ICP (Incomplete Digestion)	Barium	2	10000
17	0727	ICP	ppm	W ICP (Incomplete Digestion)	Tungsten	5	1000
18	0709	ICP	ppm	Cr ICP (Incomplete Digestion)	Chromium	1	10000
19	0729	ICP	ppm	V ICP	Vanadium	2	10000
20	0716	ICP	ppm	Mn ICP	Manganese	1	10000
21	0713	ICP	ppm	La ICP (Incomplete Digestion)	Lanthanum	2	10000
22	0723	ICP	ppm	Sr ICP (Incomplete Digestion)	Strontium	1	10000
23	0731	ICP	ppm	Zr ICP	Zirconium	1	10000
24	0736	ICP	ppm	Sc ICP	Scandium	1	10000
25	0726	ICP	%	Ti ICP (Incomplete Digestion)	Titanium	0.01	1.00
26	0701	ICP	%	Al ICP (Incomplete Digestion)	Aluminum	0.01	10.00
27	0708	ICP	%	Ca ICP (Incomplete Digestion)	Calcium	0.01	10.00
28	0712	ICP	%	Fe ICP	Iron	0.01	10.00
29	0715	ICP	%	Mg ICP (Incomplete Digestion)	Magnesium	0.01	10.00
30	0720	ICP	%	K ICP (Incomplete Digestion)	Potassium	0.01	10.00
31	0722	ICP	%	Na ICP (Incomplete Digestion)	Sodium	0.01	5.00
32	0719	ICP	%	P ICP	Phosphorus	0.01	5.00

EN=Envelope # RT=Report Style CC=Copies IN=Invoices Fx=Fax(1=Yes 0=No) Totals: 4=Copy 4=Invoice 0=3½ Disk
DL=Download 3D=3½ Disk EM=E-Mail BT=BBS Type BL=BBS(1=Yes 0=No) ID=C02110104
* Our liability is limited solely to the analytical cost of these analyses.

BC Certified Assayer: David Chiu

INTERNATIONAL PLASMA LABORATORY LTD.

CERTIFICATE OF ANALYSIS
iPL 97I0922

2036 Columbia Street
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Canada V5Y 3E1
Phone (604) 879-7878
Fax (604) 879-7898

Client : Nicholson & Associates
Project: Norex

78 Samples
78=Rock

[092215:41:37:79092397]

Out: Sep 17, 1997
In : Sep 16, 1997

Sample Name	Type	Au ppb	Au g/mt	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm
5AR 0163	Rock	10	—	0.1	64	3	52	<5	<5	<3	5	<10	<2	<0.1	1	8	128	<5	201
ANR 0046	Rock	<2	—	0.7	28	18	24	43	<5	<3	2	<10	<2	<0.1	2	3	518	<5	125
AN5R 0058	Rock	<2	—	0.1	6	17	34	<5	<5	<3	3	<10	<2	<0.1	3	6	123	<5	105
AN5R 0059	Rock	<2	—	0.1	8	15	35	5	<5	<3	2	<10	<2	<0.1	3	5	215	<5	152
AN5R 0069	Rock	<2	—	<0.1	4	30	87	<5	<5	<3	1	<10	<2	<0.1	1	3	87	<5	108
AN6R 0145	Rock	<2	—	<0.1	6	2	12	<5	29	<3	3	<10	<2	<0.1	84	2117	16	<5	1462
AN6R 0206	Rock	<2	—	0.1	3	<2	3	<5	<5	<3	<1	<10	<2	<0.1	2	8	640	<5	96
AN6R 0226	Rock	<2	—	<0.1	3	<2	3	<5	<5	<3	1	<10	<2	0.4	1	6	10	<5	195
CN1R 0001	Rock	16	—	0.1	31	2	85	<5	<5	<3	2	<10	<2	<0.1	3	18	277	<5	174
CN1R 0002	Rock	3	—	<0.1	30	<2	33	<5	5	<3	4	<10	<2	<0.1	2	12	228	<5	247
CN1R 0003	Rock	<2	—	<0.1	54	20	72	<5	<5	<3	2	<10	<2	1.2	13	33	300	<5	181
CN1R 0004	Rock	<2	—	<0.1	11	18	66	<5	<5	<3	2	<10	<2	<0.1	6	23	116	<5	90
CN1R 0005	Rock	<2	—	0.1	35	22	139	30	<5	<3	12	<10	<2	0.8	16	68	61	<5	169
CN1R 0006	Rock	<2	—	<0.1	35	30	91	38	<5	<3	9	<10	<2	<0.1	18	61	68	<5	103
CN1R 0007	Rock	<2	—	0.3	38	22	129	42	<5	<3	16	<10	<2	0.8	14	70	50	<5	140
CN1R 0010	Rock	<2	—	<0.1	7	7	40	<5	<5	<3	3	<10	<2	<0.1	6	12	248	<5	26
CN1R 0011	Rock	<2	—	<0.1	9	11	46	<5	<5	<3	2	<10	<2	0.5	6	13	265	<5	23
GN1R 0001	Rock	<2	—	<0.1	14	11	22	<5	<5	<3	3	<10	<2	0.3	3	9	17	<5	181
GN1R 0002	Rock	<2	—	<0.1	5	7	8	<5	5	<3	1	<10	<2	<0.1	1	5	107	<5	190
GN1R 0003	Rock	<2	—	<0.1	5	2	8	<5	<5	<3	1	<10	<2	<0.1	1	6	42	<5	198
GN1R 0004	Rock	<2	—	<0.1	3	<2	1	<5	<5	<3	1	<10	<2	<0.1	1	6	32	<5	223
GN1R 0005	Rock	<2	—	<0.1	5	4	3	<5	<5	<3	2	<10	<2	<0.1	1	4	19	<5	165
GN1R 0006	Rock	<2	—	<0.1	4	10	22	<5	<5	<3	1	<10	<2	<0.1	2	10	15	<5	256
GN1R 0007	Rock	<2	—	<0.1	4	<2	6	<5	<5	<3	2	<10	<2	<0.1	2	8	21	<5	238
GN5R 0001	Rock	<2	—	<0.1	5	17	15	340	87	<3	3	<10	<2	0.6	572	3923	38	<5	609
GN5R 0002	Rock	48	—	1.1	6	<2	16	591	16	<3	6	<10	<2	0.9	2	20	193	<5	322
GN5R 0003	Rock	2	—	0.1	17	4	71	<5	5	<3	2	<10	<2	<0.1	4	26	97	<5	221
GN6R 0001	Rock	<2	—	0.2	3	10	162	5	<5	<3	1	<10	<2	0.3	1	2	217	<5	70
GN6R 0002	Rock	<2	—	0.2	7	18	217	<5	<5	<3	<1	<10	<2	0.8	1	3	132	<5	91
GN6R 0003	Rock	<2	—	0.3	10	114	339	<5	<5	<3	2	<10	<2	3.5	1	3	305	<5	93
GN6R 0004	Rock	<2	—	5.6	81	1948	5697	<5	<5	<3	2	<10	7	71.4	3	8	190	<5	129
GN6R 0005	Rock	<2	—	0.2	12	21	558	<5	<5	<3	1	<10	<2	1.9	1	2	218	<5	112
GN6R 0006	Rock	<2	—	0.8	144	7	246	<5	<5	<3	1	<10	<2	1.4	<1	1	163	<5	85
GN6R 0007	Rock	<2	—	0.5	81	8	154	<5	<5	<3	4	<10	<2	<0.1	1	2	63	<5	71
GN6R 0008	Rock	<2	—	0.5	39	17	335	<5	<5	<3	10	<10	<2	1.6	4	2	294	<5	46
GN6R 0009	Rock	<2	—	0.5	154	13	64	<5	<5	<3	6	<10	<2	<0.1	1	1	96	<5	62
GN6R 0010	Rock	<2	—	2.4	247	120	913	<5	<5	<3	3	<10	<2	9.0	7	1	133	<5	64
GN6R 0011	Rock	<2	—	1.2	124	34	129	11	<5	<3	13	<10	<2	<0.1	3	3	138	<5	69
GN6R 0012	Rock	30	—	0.7	67	8	516	<5	<5	<3	8	<10	<2	4.8	3	5	410	<5	49
Minimum Detection		2	0.07	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1
Maximum Detection		10000	1000.00	100.0	20000	20000	20000	10000	1000	10000	1000	1000	10000	100.0	10000	10000	10000	1000	10000
Method		FA/AAS	FAGrav	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate %

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Client : Nicholson & Associates
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78 Samples
78=Rock

[092215:41:37:79092397]

Out: Sep 17, 1997
In : Sep 16, 1997

Sample Name	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
5AR 0163	9	23	<2	5	2	1	<0.01	0.20	<0.01	2.91	0.01	0.06	0.01	0.03
ANR 0046	2	98	24	13	12	2	<0.01	0.24	0.02	1.30	0.06	0.28	0.02	0.01
AN5R 0058	4	149	50	8	17	1	<0.01	0.67	0.06	1.21	0.06	0.26	0.04	0.02
AN5R 0059	13	170	21	24	4	4	0.06	0.71	0.22	1.48	0.22	0.37	0.09	0.04
AN5R 0069	3	176	26	6	27	1	<0.01	0.71	0.06	1.67	0.08	0.24	0.07	0.02
AN6R 0145	13	356	<2	2	1	3	<0.01	0.22	0.02	4.18	21%	<0.01	0.01	<0.01
AN6R 0206	9	199	4	6	4	1	<0.01	0.26	<0.01	0.23	0.05	0.14	0.02	<0.01
AN6R 0226	2	352	2	462	2	2	<0.01	0.08	4.69	0.46	0.08	0.02	0.02	<0.01
CN1R 0001	10	83	<2	12	2	2	<0.01	0.36	0.04	1.30	0.12	0.12	0.02	<0.01
CN1R 0002	11	47	2	15	3	1	<0.01	0.42	0.07	0.97	0.35	0.08	0.02	<0.01
CN1R 0003	121	2440	16	187	7	10	<0.01	2.12	3.40	4.26	0.92	0.09	0.02	0.09
CN1R 0004	14	168	4	5	6	1	<0.01	1.55	0.03	3.13	0.57	0.09	0.03	<0.01
CN1R 0005	120	134	6	199	10	7	0.10	5.18	3.01	2.88	0.78	0.51	0.43	0.03
CN1R 0006	100	250	6	229	11	8	0.13	6.59	3.72	3.06	1.01	0.45	0.49	0.03
CN1R 0007	126	159	8	108	14	5	0.09	4.23	2.08	1.97	0.71	0.46	0.36	0.03
CN1R 0010	10	500	27	566	4	3	<0.01	0.63	18%	1.70	0.18	0.25	0.02	0.07
CN1R 0011	11	355	25	304	5	4	<0.01	0.76	11%	1.83	0.46	0.26	0.02	0.11
GN1R 0001	2	855	5	89	5	1	<0.01	0.19	2.39	0.57	0.08	0.02	0.04	0.02
GN1R 0002	3	30	4	83	8	1	<0.01	0.22	0.07	0.59	<0.01	0.07	0.02	0.04
GN1R 0003	2	29	5	27	8	<1	<0.01	0.23	0.04	0.50	<0.01	0.06	0.02	<0.01
GN1R 0004	<2	22	5	35	3	<1	<0.01	0.13	0.04	0.32	<0.01	0.03	0.02	<0.01
GN1R 0005	2	21	4	12	7	<1	<0.01	0.20	0.02	0.39	<0.01	0.07	0.02	<0.01
GN1R 0006	3	143	<2	5	5	1	<0.01	0.21	0.02	1.31	<0.01	0.04	0.02	0.01
GN1R 0007	2	351	2	48	7	1	<0.01	0.14	0.45	0.79	0.10	0.05	0.05	0.06
GN5R 0001	5	190	<2	5	2	1	<0.01	0.02	0.04	2.57	1.90	0.01	0.01	<0.01
GN5R 0002	2	71	2	16	4	<1	<0.01	0.12	0.11	1.15	0.01	0.05	0.02	0.05
GN5R 0003	20	58	2	5	2	1	<0.01	1.04	0.03	1.83	1.18	0.02	0.02	<0.01
GN6R 0001	<2	93	25	5	3	1	<0.01	0.84	0.09	0.62	0.69	0.29	0.02	<0.01
GN6R 0002	2	71	31	3	9	1	<0.01	0.26	0.02	0.28	0.03	0.30	0.07	<0.01
GN6R 0003	<2	105	36	43	5	1	<0.01	0.23	0.50	0.33	0.01	0.30	0.05	<0.01
GN6R 0004	<2	350	30	82	5	1	<0.01	0.24	0.99	0.62	0.04	0.26	0.06	<0.01
GN6R 0005	<2	123	42	33	2	1	<0.01	0.29	0.44	0.44	0.16	0.25	0.02	<0.01
GN6R 0006	<2	325	26	6	1	1	<0.01	0.54	0.07	1.02	0.05	0.23	0.03	<0.01
GN6R 0007	2	291	69	10	12	1	<0.01	0.49	0.09	1.78	0.02	0.29	0.02	0.03
GN6R 0008	4	1576	62	19	8	4	<0.01	0.34	0.17	3.15	0.02	0.26	0.02	0.07
GN6R 0009	<2	210	60	7	10	1	<0.01	0.24	0.03	1.65	0.01	0.22	0.02	0.03
GN6R 0010	2	1555	53	10	6	2	<0.01	0.32	0.07	1.99	0.02	0.28	0.02	0.06
GN6R 0011	5	432	49	12	10	3	<0.01	0.55	0.13	3.43	0.04	0.27	0.02	0.07
GN6R 0012	3	3016	53	22	8	3	<0.01	0.27	0.12	2.48	0.02	0.21	0.02	0.06
Minimum Detection	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	1.00	10.00	10.00	10.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate %

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Fax (604) 879-7898

Client : Nicholson & Associates
Project: Norex

78 Samples
78=Rock

[092215:41:37:79092397]

Out: Sep 17, 1997
In : Sep 16, 1997

Sample Name	Type	Au ppb	Au g/mt	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm
GN6R 0013	Rock	<2	—	2.7	263	137	972	<5	<5	<3	4	<10	<2	9.0	6	2	284	<5	60
GN6R 0014	Rock	<2	—	0.3	6	10	21	131	<5	<3	3	<10	<2	<0.1	1	<1	86	<5	49
GN6R 0015	Rock	<2	—	23.0	1441	56	696	33	<5	<3	6	<10	6	8.6	12	2	255	<5	41
GN6R 0016	Rock	<2	—	0.8	190	18	186	<5	<5	<3	4	<10	<2	<0.1	1	2	66	<5	75
GN6R 0017	Rock	2	—	3.7	274	56	372	17	<5	<3	4	<10	<2	3.2	4	1	224	<5	54
GN6R 0018	Rock	<2	—	0.3	51	4	62	127	<5	<3	3	<10	<2	0.2	1	1	79	<5	73
GN6R 0019	Rock	6	—	0.6	75	14	320	18	<5	<3	9	<10	<2	2.2	3	2	136	<5	59
GN6R 0020	Rock	<2	—	0.3	26	11	180	8	<5	<3	4	<10	<2	2.8	3	3	45	<5	95
GN6R 0021	Rock	<2	—	0.2	17	8	271	<5	<5	<3	8	<10	<2	2.0	3	1	257	<5	62
GN6R 0022	Rock	<2	—	6.2	519	87	525	<5	<5	<3	3	<10	<2	3.3	2	2	170	<5	56
GN6R 0023	Rock	<2	—	4.6	235	43	375	5	<5	<3	4	<10	<2	3.2	4	2	249	<5	63
GN6R 0024	Rock	<2	—	0.7	54	14	83	<5	<5	<3	9	<10	<2	0.4	3	2	57	<5	78
GN6R 0025	Rock	<2	—	1.4	130	9	389	<5	<5	<3	3	<10	<2	4.2	3	1	196	<5	46
GN6R 0026	Rock	<2	—	0.2	100	8	432	5	<5	<3	2	<10	<2	4.4	1	3	63	<5	85
GN6R 0027	Rock	8	—	0.6	51	10	321	<5	<5	<3	5	<10	<2	2.3	4	2	377	<5	51
GN6R 0028	Rock	<2	—	0.2	52	7	97	<5	<5	<3	3	<10	<2	0.3	2	2	77	<5	67
GN6R 0029	Rock	<2	—	0.2	63	10	135	<5	<5	<3	1	<10	<2	0.6	3	1	179	<5	63
GN6R 0030	Rock	<2	—	2.3	191	105	698	7	<5	<3	4	<10	<2	6.4	5	2	146	<5	74
GN6R 0031	Rock	<2	—	0.1	41	<2	346	<5	<5	<3	<1	<10	<2	2.0	1	2	61	<5	50
GN6R 0032	Rock	<2	—	0.7	59	149	247	<5	<5	<3	2	<10	<2	0.9	1	3	91	<5	105
GN6R 0033	Rock	<2	—	0.4	27	9	436	<5	<5	<3	4	<10	<2	2.8	4	1	143	<5	45
GN6R 0034	Rock	<2	—	1.1	116	22	286	<5	<5	<3	4	<10	<2	3.2	5	2	79	<5	47
GN6R 0035	Rock	<2	—	1.2	190	47	168	<5	<5	<3	26	<10	<2	<0.1	4	1	147	<5	56
GN6R 0036	Rock	<2	—	0.4	174	7	160	<5	<5	<3	7	<10	<2	0.8	1	3	76	<5	106
GN6R 0037	Rock	5	—	0.5	75	12	375	<5	<5	<3	5	<10	<2	2.7	3	2	445	<5	51
GN6R 0038	Rock	<2	—	0.4	175	9	152	<5	<5	<3	8	<10	<2	2.4	9	2	107	<5	71
GN6R 0039	Rock	<2	—	2.5	105	161	1030	31	<5	<3	5	<10	<2	3.0	2	2	88	<5	78
GN6R 0040	Rock	5	—	0.8	148	9	592	36	<5	<3	5	<10	<2	3.8	4	3	124	<5	46
GN6R 0041	Rock	<2	—	0.4	7	20	283	17	<5	<3	3	<10	<2	4.8	4	3	50	<5	79
GN6R 0042	Rock	4	—	0.2	121	6	340	<5	<5	<3	3	<10	<2	2.3	3	3	144	<5	102
GN6R 0043	Rock	15	—	0.7	63	13	309	6	<5	<3	11	<10	<2	2.2	4	2	356	<5	63
GN6R 0044	Rock	8	—	0.5	49	21	216	7	<5	<3	6	<10	<2	4.0	4	1	195	<5	55
GN6R 0045	Rock	<2	—	1.0	79	196	269	<5	<5	<3	2	<10	<2	1.4	1	3	132	<5	122
GN6R 0046	Rock	<2	—	1.2	14	25	68	<5	<5	<3	2	<10	<2	0.3	1	1	389	<5	81
GN6R 0047	Rock	<2	—	0.3	17	7	319	<5	<5	<3	10	<10	<2	2.5	4	4	245	<5	72
GN6R 0048	Rock	<2	—	0.4	129	187	320	<5	<5	<3	6	<10	<2	4.3	4	7	1081	<5	57
SN5R 0064	Rock	<2	—	0.2	26	46	100	<5	<5	<3	2	<10	<2	<0.1	1	1	490	<5	85
SN5R 0065	Rock	<2	—	0.6	33	323	47	<5	14	<3	5	<10	<2	<0.1	1	6	39	<5	232
WN5R 0004	Rock	<2	—	0.2	4	20	13	<5	<5	<3	1	<10	<2	<0.1	2	3	700	<5	87
Minimum Detection		2	0.07	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1
Maximum Detection		10000	1000.00	100.0	20000	20000	20000	10000	1000	10000	1000	1000	10000	100.0	10000	10000	10000	1000	10000
Method		FA/AAS	FAGrav	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate %

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iPL 97I0922

2036 Columbia Street
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Fax (604) 879-7898

Client : Nicholson & Associates
Project: Norex

78 Samples
78=Rock

[092215:41:37:79092397]

Out: Sep 17, 1997
In : Sep 16, 1997

Sample Name	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
GN6R 0013	2	2259	50	9	5	2	<0.01	0.29	0.06	2.30	0.02	0.24	0.02	0.05
GN6R 0014	<2	92	56	67	5	1	<0.01	0.29	0.06	1.74	0.01	0.39	0.02	0.03
GN6R 0015	<2	5036	72	15	5	2	<0.01	0.49	0.13	1.77	0.02	0.35	0.02	0.09
GN6R 0016	<2	206	62	8	15	1	<0.01	0.37	0.09	1.42	0.02	0.29	0.02	0.03
GN6R 0017	4	632	51	16	7	3	<0.01	0.50	0.12	2.70	0.03	0.30	0.02	0.07
GN6R 0018	<2	123	66	6	13	1	<0.01	0.32	0.05	1.09	0.02	0.29	0.02	0.03
GN6R 0019	3	1696	52	13	5	3	<0.01	0.30	0.12	2.91	0.02	0.23	0.02	0.06
GN6R 0020	<2	1453	54	8	18	1	<0.01	0.30	0.10	1.73	0.06	0.30	0.02	0.03
GN6R 0021	3	1360	49	15	7	3	<0.01	0.30	0.16	2.43	0.03	0.20	0.02	0.06
GN6R 0022	3	599	52	23	7	2	<0.01	0.27	0.09	2.55	0.01	0.25	0.02	0.06
GN6R 0023	4	596	48	17	7	3	<0.01	0.42	0.11	2.86	0.02	0.30	0.02	0.07
GN6R 0024	2	731	66	7	17	1	<0.01	0.32	0.09	1.60	0.04	0.30	0.02	0.03
GN6R 0025	4	1112	48	17	7	3	<0.01	0.33	0.14	2.50	0.01	0.29	0.02	0.06
GN6R 0026	<2	983	34	11	3	1	<0.01	0.76	0.11	1.51	0.05	0.19	0.03	<0.01
GN6R 0027	3	3084	53	20	8	4	<0.01	0.34	0.13	3.06	0.02	0.25	0.02	0.06
GN6R 0028	2	584	66	8	13	1	<0.01	0.31	0.06	1.25	0.01	0.27	0.02	0.03
GN6R 0029	<2	783	74	10	13	1	<0.01	0.50	0.08	1.57	0.02	0.27	0.02	0.03
GN6R 0030	3	1163	54	10	7	2	<0.01	0.35	0.07	1.54	0.02	0.29	0.02	0.05
GN6R 0031	<2	394	36	11	6	1	<0.01	0.65	0.08	1.21	0.04	0.16	0.04	0.01
GN6R 0032	<2	332	27	5	2	1	<0.01	0.30	0.05	0.54	0.02	0.21	0.03	<0.01
GN6R 0033	3	2257	56	14	6	3	<0.01	0.27	0.12	2.58	0.02	0.24	0.02	0.06
GN6R 0034	5	753	44	11	9	3	<0.01	0.58	0.13	2.99	0.07	0.31	0.02	0.06
GN6R 0035	4	551	48	12	9	3	<0.01	0.56	0.12	4.01	0.04	0.29	0.02	0.06
GN6R 0036	<2	668	35	78	3	1	<0.01	0.33	1.08	0.96	0.02	0.24	0.02	<0.01
GN6R 0037	3	2726	57	25	8	4	<0.01	0.32	0.16	2.73	0.02	0.24	0.02	0.07
GN6R 0038	<2	3231	66	10	11	2	<0.01	0.30	0.05	1.45	0.02	0.26	0.02	0.03
GN6R 0039	<2	268	65	9	12	1	<0.01	0.32	0.08	1.23	0.02	0.22	0.02	0.04
GN6R 0040	4	992	55	15	7	3	<0.01	0.35	0.12	3.25	0.01	0.27	0.02	0.06
GN6R 0041	<2	1920	57	9	25	1	<0.01	0.33	0.13	2.35	0.08	0.33	0.02	0.03
GN6R 0042	<2	318	33	10	4	1	<0.01	0.81	0.14	2.16	0.05	0.14	0.02	0.02
GN6R 0043	4	3650	57	24	6	3	<0.01	0.32	0.16	3.23	0.02	0.25	0.02	0.07
GN6R 0044	3	1230	51	11	6	2	<0.01	0.30	0.11	1.69	0.01	0.24	0.02	0.05
GN6R 0045	<2	518	33	5	2	1	<0.01	0.35	0.06	0.74	0.03	0.28	0.02	<0.01
GN6R 0046	<2	86	6	27	1	1	<0.01	0.58	0.19	0.28	0.18	0.29	0.03	<0.01
GN6R 0047	3	1314	70	16	8	3	<0.01	0.37	0.20	2.79	0.03	0.25	0.02	0.09
GN6R 0048	3	597	42	18	8	2	<0.01	0.46	0.10	3.13	0.03	0.32	0.02	0.06
SN5R 0064	<2	99	28	19	12	1	<0.01	0.48	0.03	2.50	0.23	0.23	0.04	0.02
SN5R 0065	<2	131	4	1	2	<1	<0.01	0.10	<0.01	0.43	<0.01	0.11	0.02	<0.01
WN5R 0004	2	78	21	22	5	<1	<0.01	0.23	0.14	0.55	0.05	0.25	0.03	0.01
Minimum Detection	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	1.00	10.00	10.00	10.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate %

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iPL 97I0931

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Fax (604) 879-7898

Nicholson & Associates

510 Samples Out: Oct 02, 1997 In: Sep 17, 1997 [093117:12:16:79100297]

Project : Norex
Shipper : George Nicholson
Shipment: PO#:
Analysis:
Au(AqR/Ext/AAS/10g) ICP(AqR)29 Hg

Comment:

CODE	AMOUNT	TYPE	PREPARATION DESCRIPTION	PULP	REJECT
B121	509	Silt	Dry & sift to -80 mesh, no reject.	12M/Dis	00M/Dis
B211	1	Rock	crush, split & pulverize	12M/Dis	03M/Dis

NS=No Sample Rep=Replicate M=Month Dis=Discard

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DL	3D	EM	BT	BL
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Analytical Summary

##	Code	Method	Units	Description	Element	Limit Low	Limit High
01	0513	GeoSp	ppb	Au AqR/Ext/AAS 10g	Gold	5	9999
02	0721	ICP	ppm	Ag ICP	Silver	0.1	99.9
03	0711	ICP	ppm	Cu ICP	Copper	1	20000
04	0714	ICP	ppm	Pb ICP	Lead	2	20000
05	0730	ICP	ppm	Zn ICP	Zinc	1	20000
06	0703	ICP	ppm	As ICP	Arsenic	5	9999
07	0702	ICP	ppm	Sb ICP	Antimony	5	999
08	0520	CVA	ppb	Hg Cold Vapor/AAS	Mercury	5	9999
09	0717	ICP	ppm	Mo ICP	Molydenum	1	999
10	0747	ICP	ppm	Tl ICP (Incomplete Digestion)	Thallium	10	999
11	0705	ICP	ppm	Bi ICP	Bismuth	2	9999
12	0707	ICP	ppm	Cd ICP	Cadmium	0.1	99.9
13	0710	ICP	ppm	Co ICP	Cobalt	1	9999
14	0718	ICP	ppm	Ni ICP	Nickel	1	9999
15	0704	ICP	ppm	Ba ICP (Incomplete Digestion)	Barium	2	9999
16	0727	ICP	ppm	W ICP (Incomplete Digestion)	Tungsten	5	999
17	0709	ICP	ppm	Cr ICP (Incomplete Digestion)	Chromium	1	9999
18	0729	ICP	ppm	V ICP	Vanadium	2	9999
19	0716	ICP	ppm	Mn ICP	Manganese	1	9999
20	0713	ICP	ppm	La ICP (Incomplete Digestion)	Lanthanum	2	9999
21	0723	ICP	ppm	Sr ICP (Incomplete Digestion)	Strontium	1	9999
22	0731	ICP	ppm	Zr ICP	Zirconium	1	9999
23	0736	ICP	ppm	Sc ICP	Scandium	1	9999
24	0726	ICP	%	Ti ICP (Incomplete Digestion)	Titanium	0.01	1.00
25	0701	ICP	%	Al ICP (Incomplete Digestion)	Aluminum	0.01	9.99
26	0708	ICP	%	Ca ICP (Incomplete Digestion)	Calcium	0.01	9.99
27	0712	ICP	%	Fe ICP	Iron	0.01	9.99
28	0715	ICP	%	Mg ICP (Incomplete Digestion)	Magnesium	0.01	9.99
29	0720	ICP	%	K ICP (Incomplete Digestion)	Potassium	0.01	9.99
30	0722	ICP	%	Na ICP (Incomplete Digestion)	Sodium	0.01	5.00
31	0719	ICP	%	P ICP	Phosphorus	0.01	5.00

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* Our liability is limited solely to the analytical cost of these analyses.

BC Certified Assayer: David Chiu

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Client : Nicholson & Associates
Project: Norex

510 Samples
509=Silt 1=Rock

[093117:12:16:79100297]

Out: Oct 02, 1997
In : Sep 17, 1997

Sample Name		Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppb	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
AN5 S 0022	L	16	1.1	12	36	72	33	<	40	2	<	<	0.4	7	13	287	<	20	27	185	23	24	1	3	0.02	1.35	0.24	1.63	0.44	0.12	0.02	0.08
AN5 S 0023	L	<	0.5	9	27	65	32	<	15	1	<	<	0.3	4	9	247	<	15	27	148	25	19	<	2	0.02	1.20	0.22	1.56	0.38	0.10	0.02	0.06
AN5 S 0024	L	<	0.4	8	33	62	23	<	125	1	<	<	0.3	5	8	243	<	14	26	214	27	19	1	2	0.02	1.03	0.23	1.40	0.31	0.09	0.02	0.05
AN5 S 0025	L	<	0.4	7	21	54	17	<	55	1	<	<	0.2	4	10	207	<	14	27	139	22	17	<	2	0.03	1.07	0.23	1.49	0.38	0.09	0.02	0.06
AN5 S 0026	L	<	0.4	7	27	57	16	<	15	1	<	<	0.2	4	10	231	<	14	25	163	23	18	<	2	0.03	1.04	0.22	1.44	0.37	0.09	0.02	0.05
AN5 S 0027	L	<	0.3	9	13	49	13	<	25	2	<	<	0.2	6	9	295	<	16	32	289	21	26	<	2	0.04	1.11	0.38	1.77	0.45	0.10	0.02	0.06
AN5 S 0028	L	<	0.2	6	19	50	15	<	5	1	<	<	0.2	5	8	257	<	12	26	266	20	20	1	2	0.03	0.92	0.28	1.50	0.38	0.09	0.02	0.05
AN5 S 0029	L	<	0.3	7	18	52	12	<	25	1	<	<	0.5	5	8	261	<	13	25	277	21	21	1	2	0.03	0.89	0.29	1.43	0.36	0.09	0.02	0.05
AN5 S 0030	L	<	0.4	9	28	62	24	<	50	1	<	<	0.2	5	10	243	<	15	28	204	23	18	<	2	0.02	1.08	0.23	1.64	0.38	0.07	0.02	0.05
AN5 S 0031	L	<	0.3	6	21	51	17	<	60	2	<	<	0.2	4	7	252	<	12	23	200	20	19	<	1	0.02	0.89	0.26	1.34	0.35	0.08	0.02	0.05
AN5 S 0032	L	<	0.3	6	20	53	15	<	55	1	<	<	0.2	5	7	225	<	12	24	235	21	19	1	2	0.03	0.89	0.25	1.41	0.36	0.09	0.02	0.05
AN5 S 0033	L	6	0.3	8	23	56	17	<	25	1	<	<	0.2	6	8	286	<	13	27	297	22	22	<	2	0.03	1.02	0.30	1.54	0.39	0.09	0.02	0.06
AN5 S 0034	L	<	0.3	12	27	70	29	<	70	2	<	<	0.3	6	12	232	<	21	32	235	23	22	1	2	0.03	1.27	0.30	1.91	0.52	0.09	0.02	0.07
AN5 S 0035	L	6	0.3	12	21	67	23	<	60	2	<	<	0.4	6	13	287	<	21	34	267	24	25	1	2	0.03	1.22	0.34	1.90	0.50	0.10	0.02	0.07
AN5 S 0036	L	8	0.3	7	17	51	18	<	10	1	<	<	0.1	5	9	216	<	13	30	285	22	21	1	2	0.04	0.98	0.28	1.53	0.38	0.10	0.02	0.06
AN5 S 0037	L	<	0.2	9	23	58	22	<	45	2	<	<	0.4	7	10	236	<	15	30	289	23	20	1	2	0.03	0.99	0.28	1.57	0.40	0.09	0.02	0.06
AN5 S 0038	L	<	0.3	10	24	88	19	<	85	2	<	<	0.2	6	12	302	<	18	31	283	22	25	1	2	0.03	1.12	0.34	1.78	0.44	0.09	0.02	0.07
AN5 S 0039	L	<	0.2	7	21	54	17	<	30	1	<	<	0.3	5	10	203	<	15	28	213	21	18	1	2	0.03	0.95	0.25	1.50	0.38	0.08	0.02	0.06
AN5 S 0040	L	20	0.2	6	17	47	15	<	50	1	<	<	0.3	5	8	181	<	12	24	206	20	17	1	2	0.03	0.77	0.24	1.32	0.33	0.08	0.02	0.05
AN5 S 0041	L	<	0.2	8	24	69	15	<	15	2	<	<	0.4	4	10	258	<	15	23	201	32	18	1	2	0.03	1.07	0.21	1.59	0.44	0.09	0.02	0.04
AN5 S 0042	L	<	0.2	8	20	52	15	<	75	1	<	<	0.2	5	9	198	<	14	27	204	22	19	1	2	0.04	0.90	0.27	1.48	0.37	0.09	0.02	0.06
AN5 S 0043	L	40	0.2	9	21	58	16	<	30	2	<	<	0.4	6	10	280	<	17	31	269	26	23	1	2	0.04	1.10	0.31	1.66	0.40	0.10	0.02	0.06
AN5 S 0045	L	12	0.3	10	25	59	18	<	80	1	<	<	0.3	5	10	245	<	15	29	265	25	21	1	2	0.03	1.10	0.27	1.64	0.41	0.12	0.02	0.06
AN5 S 0047	L	<	0.3	7	20	58	20	<	285	1	<	<	0.2	6	9	261	<	16	30	271	27	22	1	2	0.04	1.07	0.30	1.64	0.39	0.10	0.02	0.06
AN5 S 0048	L	<	0.3	7	19	55	16	<	35	1	<	<	0.1	5	8	230	<	13	27	280	23	19	<	2	0.04	0.96	0.25	1.55	0.38	0.09	0.02	0.06
AN5 S 0049	L	<	0.3	8	19	58	19	<	60	1	<	<	0.3	6	9	280	<	15	29	273	24	22	<	2	0.03	1.07	0.28	1.64	0.40	0.09	0.02	0.06
AN5 S 0050	L	<	0.3	8	20	57	19	<	55	1	<	<	0.2	6	10	268	<	15	28	285	23	22	<	2	0.03	1.03	0.28	1.61	0.39	0.09	0.02	0.06
AN5 S 0051	L	40	0.2	8	19	57	17	<	10	1	<	<	0.3	6	9	265	<	15	28	313	23	20	<	2	0.03	1.04	0.27	1.63	0.39	0.08	0.02	0.06
AN5 S 0052	L	8	0.3	6	16	52	15	<	85	1	<	<	0.2	5	9	215	<	13	25	244	20	18	<	2	0.03	0.89	0.25	1.46	0.36	0.07	0.02	0.05
AN5 S 0053	L	<	0.1	8	19	57	18	<	15	1	<	<	0.4	6	10	218	<	14	28	254	23	22	1	2	0.03	0.93	0.30	1.52	0.38	0.09	0.02	0.06
AN5 S 0055	L	<	<	14	22	86	11	<	15	2	<	<	0.8	9	18	265	<	24	36	347	27	43	1	3	0.05	1.19	0.48	2.01	0.57	0.08	0.03	0.07
AN5 S 0056	L	<	<	13	23	87	7	<	15	2	<	<	0.5	8	17	256	<	22	35	345	28	39	1	3	0.05	1.11	0.46	1.91	0.53	0.08	0.03	0.07
AN5 S 0057	L	<	0.1	15	21	91	10	<	80	2	<	<	1.0	9	18	284	<	25	37	395	27	50	1	3	0.05	1.27	0.55	2.01	0.56	0.10	0.03	0.07
AN5 S 0060	L	<	0.1	14	25	94	9	<	25	1	<	<	0.7	9	18	287	<	24	38	386	28	44	1	3	0.06	1.28	0.49	2.09	0.59	0.09	0.03	0.07
AN5 S 0060 A	L	<	<	13	21	87	10	<	45	2	<	<	0.5	8	16	268	<	24	35	344	28	43	1	3	0.05	1.19	0.48	1.98	0.56	0.10	0.03	0.07
AN5 S 0061	L	<	<	13	17	73	7	<	10	1	<	<	0.3	8	16	246	<	21	35	315	22	36	1	3	0.05	1.05	0.42	1.88	0.49	0.08	0.03	0.07
AN5 S 0062	L	<	<	12	25	92	9	<	5	1	<	<	0.9	8	15	252	<	23	31	354	28	38	1	2	0.04	1.11	0.42	2.01	0.60	0.09	0.02	0.06
AN5 S 0063	L	<	0.1	18	18	73	9	<	25	1	<	<	1.4	9	26	365	<	42	33	344	25	53	2	3	0.04	1.33	0.73	2.00	0.75	0.11	0.02	0.09
AN5 S 0063 A	L	<	0.2	11	24	80	9	<	105	2	<	<	0.5	8	14	232	<	20	31	409	23	28	1	2	0.04	1.04	0.35	1.81	0.50	0.07	0.02	0.06
Min Limit		5	0.1	1	2	1	5	5	5	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*		9999	99.9	20000	20000	20000	9999	999	9999	999	999	9999	99.9	9999	9999	9999	999	9999	9999	9999	9999	9999	9999	9999	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method		GeoS	ICP	ICP	ICP	ICP	ICP	ICP	CVA	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample L=Silt R=Rock

INTERNATIONAL PLASMA LABORATORY LTD.

CERTIFICATE OF ANALYSIS
iPL 97I0931

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Client : Nicholson & Associates
Project: Norex

510 Samples
509=Silt 1=Rock

[093117:12:16:79100297]

Out: Oct 02, 1997
In : Sep 17, 1997

Sample Name		Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppb	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
AN5 S 0064	L	<	0.3	22	20	70	9	<	25	1	<	<	0.7	10	32	379	<	55	33	310	22	57	2	3	0.04	1.40	0.77	2.03	0.86	0.09	0.03	0.07
AN5 S 0065	L	<	0.3	36	22	79	12	<	115	2	<	<	1.1	12	44	504	<	76	37	447	27	98	3	4	0.04	1.64	1.28	2.20	1.00	0.12	0.02	0.07
AN5 S 0066	L	<	0.3	19	21	70	9	<	25	1	<	<	0.4	9	25	408	<	37	32	343	28	58	2	3	0.04	1.36	0.80	1.97	0.70	0.11	0.03	0.08
AN5 S 0067	L	28	0.3	27	21	76	13	<	105	2	<	<	0.9	11	36	471	<	64	38	433	26	74	2	4	0.05	1.60	0.99	2.21	0.92	0.12	0.03	0.08
AN5 S 0068	L	<	0.3	41	23	74	15	<	70	1	<	<	1.0	14	52	587	<	91	39	481	29	110	3	4	0.04	1.73	1.51	2.24	1.09	0.12	0.02	0.07
AN5 S 0070	L	<	0.3	28	24	73	10	<	60	2	<	<	0.9	12	34	471	<	59	37	445	26	76	2	4	0.04	1.48	1.04	2.08	0.86	0.11	0.02	0.07
AN5 S 0071	L	<	0.3	33	16	72	16	<	50	1	<	<	1.0	13	49	457	<	91	39	404	23	75	3	4	0.04	1.64	1.02	2.19	1.09	0.10	0.02	0.07
AN5 S 0072	L	<	0.3	26	18	69	13	<	25	1	<	<	0.8	11	40	405	<	72	36	334	23	61	2	3	0.04	1.49	0.83	2.09	0.97	0.10	0.02	0.07
AN5 S 0073	L	<	0.3	36	18	72	13	<	55	1	<	<	0.9	14	54	471	<	102	39	445	21	78	3	4	0.04	1.68	1.07	2.25	1.20	0.09	0.02	0.07
AN6 S 0196	L	<	0.2	9	8	28	<	<	115	1	<	<	0.2	16	118	110	<	156	27	342	4	16	1	1	0.04	0.72	0.17	1.62	0.70	0.05	0.03	0.03
AN6 S 0197	L	<	0.3	15	8	66	14	<	60	1	<	<	0.7	12	84	245	<	62	31	440	13	30	1	2	0.03	0.99	0.45	2.09	0.58	0.03	0.02	0.06
AN6 S 0198	L	6	0.3	20	13	76	18	<	125	2	<	<	1.0	15	121	277	<	80	34	572	13	36	1	3	0.03	1.13	0.61	2.01	0.70	0.05	0.02	0.07
AN6 S 0199	L	6	0.3	17	12	64	13	<	115	2	<	<	0.5	7	21	231	<	22	36	189	13	32	1	3	0.04	1.14	0.40	1.84	0.37	0.04	0.03	0.06
AN6 S 0210	L	16	0.2	26	16	119	10	<	210	6	<	<	1.3	13	33	194	<	23	40	1015	15	55	2	3	0.05	1.14	0.77	2.65	0.49	0.07	0.03	0.08
AN6 S 0211	L	<	0.5	54	25	185	<	<	305	18	<	<	1.8	16	63	156	<	16	30	436	28	53	2	3	<	0.65	0.32	3.84	0.12	0.06	0.02	0.07
AN6 S 0212	L	<	0.2	22	12	93	<	<	215	4	<	<	0.9	9	25	189	<	21	39	256	16	40	2	3	0.06	1.07	0.61	2.03	0.47	0.08	0.03	0.08
AN6 S 0213	L	<	0.2	27	14	132	7	<	85	10	<	<	1.0	10	36	145	<	22	36	323	12	37	3	2	0.03	1.11	0.49	2.84	0.57	0.04	0.02	0.08
AN6 S 0214	L	<	0.2	23	11	101	8	<	135	5	<	<	0.9	9	28	176	<	21	37	240	13	38	2	2	0.04	1.07	0.57	2.27	0.53	0.05	0.03	0.08
AN6 S 0215	L	<	0.3	20	12	72	11	<	160	2	<	<	0.6	8	40	262	<	35	37	141	13	35	1	3	0.04	1.12	0.50	1.69	0.40	0.04	0.02	0.06
AN6 S 0216	L	<	0.3	22	12	80	10	<	120	3	<	<	1.0	10	39	239	<	33	37	354	13	41	1	3	0.04	1.12	0.66	2.03	0.41	0.04	0.02	0.07
AN6 S 0218	L	<	0.3	21	13	86	11	<	60	4	<	<	1.3	12	57	195	<	45	35	573	14	38	2	2	0.04	1.01	0.48	2.07	0.51	0.05	0.02	0.08
AN6 S 0219	L	<	0.2	20	11	90	12	<	75	3	<	<	1.1	11	46	205	<	39	35	555	14	44	1	2	0.04	1.09	0.58	2.16	0.47	0.04	0.02	0.08
AN6 S 0220	L	<	0.2	18	10	86	10	<	80	3	<	<	1.0	11	47	193	<	39	35	600	14	40	2	2	0.05	1.05	0.53	2.10	0.45	0.05	0.02	0.08
AN6 S 0222	L	<	0.3	23	11	93	15	<	160	4	<	<	1.4	12	53	240	<	48	40	716	16	52	1	3	0.05	1.17	0.70	2.25	0.47	0.05	0.03	0.08
AN6 S 0223	L	<	0.2	27	16	111	17	<	60	7	<	<	1.4	16	76	246	<	57	38	1617	18	49	2	2	0.03	0.98	0.50	3.11	0.49	0.06	0.02	0.08
AN6 S 0224	L	6	0.2	29	18	152	25	<	55	8	<	<	2.6	34	108	474	<	59	36	4086	16	59	2	2	0.03	0.84	0.44	3.42	0.41	0.05	0.02	0.09
AN6 S 0225	L	<	0.3	22	14	101	12	<	130	4	<	<	2.0	13	58	203	<	57	38	984	15	45	1	2	0.04	1.01	0.60	2.59	0.44	0.05	0.02	0.08
AN6 S 0227	L	<	0.1	15	11	73	6	<	60	3	<	<	0.6	10	39	167	<	36	31	414	13	33	2	2	0.04	0.88	0.43	1.87	0.39	0.03	0.02	0.07
AN6 S 0228	L	<	0.2	24	14	87	11	<	60	3	<	<	1.2	11	49	192	<	39	32	676	13	43	2	2	0.03	0.98	0.71	2.17	0.41	0.05	0.02	0.07
BN6 10	L	<	0.2	16	13	60	<	<	35	1	<	<	0.2	7	22	215	<	23	30	189	17	22	1	2	0.03	0.81	0.29	1.66	0.33	0.06	0.02	0.07
BN6 11	L	<	0.2	18	30	86	9	<	90	1	<	<	0.4	8	20	298	<	20	29	158	23	19	<	2	0.01	1.09	0.17	1.93	0.22	0.08	0.02	0.06
BN6 12	L	<	0.2	27	21	144	26	<	65	3	<	<	2.1	11	39	210	<	28	32	559	18	60	1	2	0.02	1.07	0.68	2.34	0.44	0.07	0.02	0.09
BN6 13	L	<	0.2	24	24	146	29	<	65	4	<	<	1.7	13	43	224	<	28	34	1078	20	56	2	2	0.03	1.08	0.59	2.42	0.46	0.08	0.02	0.08
BN6 14	L	<	0.2	18	16	60	17	<	95	2	<	<	0.6	6	18	206	<	26	45	189	15	21	<	2	0.03	1.68	0.24	2.37	0.35	0.08	0.02	0.07
BN6 15	L	<	0.2	19	21	124	24	<	75	4	<	<	1.3	11	34	179	<	25	32	612	19	41	2	3	0.03	0.92	0.45	2.04	0.39	0.07	0.02	0.07
BN6 16	L	<	0.1	20	23	125	20	<	45	4	<	<	1.3	11	38	159	<	25	30	679	18	40	2	2	0.02	0.87	0.44	2.16	0.40	0.07	0.02	0.07
CN1 S 008	L	<	0.1	12	9	64	7	<	110	1	<	<	0.3	8	18	227	<	19	29	233	20	34	2	3	0.03	1.09	0.61	1.73	0.61	0.08	0.02	0.08
CN1 S 009	L	<	0.1	16	10	73	7	<	55	1	<	<	0.5	9	19	274	<	19	28	346	19	37	2	2	0.02	1.14	0.69	2.01	0.67	0.09	0.02	0.07
CN1 S 012	L	<	0.1	21	12	82	8	<	135	1	<	<	0.5	11	22	317	<	21	39	375	19	40	2	3	0.03	1.23	0.69	2.45	0.67	0.08	0.02	0.09
Min Limit		5	0.1	1	2	1	5	5	5	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*		9999	99.9	20000	20000	20000	9999	999	9999	999	999	9999	99.9	9999	9999	9999	999	9999	9999	9999	9999	9999	9999	9999	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method		GeoS	ICP	ICP	ICP	ICP	ICP	ICP	CVA	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	%=Estimate %							

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 NS=No SampleL=Silt R=Rock

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CERTIFICATE OF ANALYSIS

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Client : Nicholson & Associates
Project: Norex

510 Samples
509=Silt 1=Rock

[093117:12:16:79100297]

Out: Oct 02, 1997
In : Sep 17, 1997

Sample Name		Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppb	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
CN1 S 013	L	<	0.1	20	11	88	<	<	125	2	<	<	0.7	11	22	219	<	19	34	345	18	53	2	3	0.03	1.12	0.79	2.30	0.63	0.07	0.02	0.09
CN1 S 014	L	<	0.2	25	15	99	<	<	160	2	<	<	0.7	13	26	251	<	22	40	347	21	40	2	3	0.03	1.21	0.65	2.79	0.65	0.06	0.02	0.10
E-7 0219	L	<	0.5	25	15	31	5	<	220	<	<	<	0.4	2	8	153	<	16	6	366	2	13	1	<	<	0.20	0.16	0.38	0.07	0.13	0.03	0.12
E-7 0220	L	<	0.3	71	11	51	10	<	75	<	<	<	0.4	1	5	55	<	29	2	559	<	10	<	<	<	0.09	0.37	0.12	0.10	0.25	0.05	0.09
E-7 0221	L	<	<	10	4	62	<	<	85	3	<	<	3.2	<	3	96	<	4	2	235	<	98	<	<	<	0.05	2.80	0.09	0.58	0.04	0.03	0.07
E-7 0222	L	<	<	26	8	26	<	<	45	<	<	<	0.4	<	2	34	<	14	<	56	<	28	<	<	<	0.03	0.76	0.06	0.18	0.32	0.05	0.05
E-7 0223	L	10	0.1	16	11	45	<	<	75	1	<	<	0.5	<	3	76	<	8	2	101	<	65	<	<	<	0.04	1.71	0.07	0.29	0.39	0.04	0.09
E-7 0227	L	<	0.1	29	5	194	<	<	45	<	<	<	10.1	<	5	92	<	52	3	237	<	51	<	<	<	0.04	0.90	0.13	0.18	0.37	0.03	0.12
E-7 0228	L	<	0.3	32	17	142	13	<	320	2	<	<	1.9	7	29	467	<	20	69	380	15	61	1	1	0.01	1.09	0.81	1.75	0.52	0.10	0.02	0.13
E-7 0229	L	8	0.4	46	10	158	7	<	240	3	<	<	2.8	8	33	247	<	20	61	398	13	46	1	2	0.02	0.90	0.61	2.00	0.39	0.08	0.02	0.11
E-7 0230	L	<	0.3	43	12	184	12	<	315	3	<	<	2.6	9	45	289	<	24	55	270	12	89	1	3	0.02	1.21	1.30	1.80	0.59	0.08	0.03	0.12
E-7 0233	L	8	0.4	39	15	201	8	<	360	2	<	<	1.4	9	39	243	<	22	53	215	12	52	1	2	0.02	1.08	0.66	1.92	0.47	0.08	0.02	0.09
E-7 0235	L	6	0.4	48	20	198	13	<	540	3	<	<	1.6	9	39	337	<	22	65	209	12	71	1	3	0.02	1.12	0.90	2.10	0.50	0.10	0.02	0.12
E-7 0236	L	8	0.4	83	19	158	12	<	535	3	<	<	3.3	26	43	375	<	22	64	810	16	85	1	2	0.01	1.21	1.36	1.56	0.51	0.07	0.02	0.14
E-7 0237	L	<	0.4	34	9	125	6	<	350	2	<	<	2.9	6	32	306	<	15	43	236	7	96	1	1	0.01	0.71	1.65	1.21	0.46	0.08	0.02	0.12
E-7 0238	L	<	0.2	29	10	148	10	<	65	2	<	<	1.9	10	33	168	<	24	65	254	14	30	1	3	0.05	1.10	0.42	2.35	0.49	0.06	0.03	0.09
E-7 0239	L	<	0.1	24	9	79	11	<	35	1	<	<	1.4	8	23	167	<	22	41	194	14	22	1	2	0.04	0.97	0.31	2.00	0.41	0.05	0.02	0.09
JN1 S 0001	L	<	0.2	38	11	130	8	<	125	2	<	<	1.1	10	31	341	<	19	42	431	12	40	1	2	0.02	0.92	0.42	2.01	0.47	0.08	0.02	0.09
JN1 S 0002	L	<	0.2	28	9	103	<	<	70	2	<	<	0.5	8	24	300	<	17	36	326	12	35	1	2	0.03	0.89	0.40	1.80	0.43	0.07	0.02	0.09
JN1 S 0003	L	<	0.2	31	12	113	8	<	75	2	<	<	0.6	9	26	318	<	18	39	340	13	37	2	2	0.03	0.95	0.42	1.93	0.46	0.07	0.02	0.09
JN1 S 0004	L	<	0.2	22	9	68	7	<	80	2	<	<	0.3	7	17	296	<	19	36	247	13	30	1	2	0.03	1.00	0.38	1.71	0.41	0.06	0.02	0.08
JN1 S 0005	L	<	0.2	32	12	106	6	<	105	2	<	<	0.6	8	24	299	<	17	37	341	11	34	1	2	0.02	0.80	0.35	1.67	0.39	0.09	0.02	0.07
JN1 S 0006	L	<	0.3	55	14	180	9	<	150	3	<	<	1.5	14	49	423	<	26	54	560	15	53	2	4	0.04	1.24	0.51	2.57	0.60	0.12	0.03	0.11
JN1 S 0007	L	<	0.2	25	13	88	9	<	75	2	<	<	0.4	9	25	778	<	22	37	250	12	41	2	3	0.03	1.16	0.52	1.91	0.51	0.07	0.02	0.07
JN1 S 0008	L	<	0.2	14	6	87	11	<	45	1	<	<	0.7	8	17	384	<	17	33	124	11	30	2	3	0.03	0.92	0.41	1.30	0.38	0.05	0.02	0.06
JN1 S 0009	L	<	0.1	13	9	68	7	<	55	1	<	<	0.4	7	17	412	<	17	30	133	11	23	1	2	0.02	0.92	0.30	1.35	0.39	0.06	0.02	0.05
JN1 S 0010	L	<	0.1	26	10	83	9	<	85	2	<	<	0.7	10	23	355	<	21	34	463	14	38	3	3	0.03	1.13	0.58	2.11	0.52	0.07	0.02	0.07
JN1 S 0011	L	<	0.1	15	7	87	8	<	115	1	<	<	0.3	8	17	381	<	17	29	379	11	40	1	2	0.02	0.93	0.65	1.49	0.41	0.05	0.02	0.07
JN1 S 0012	L	<	0.1	16	9	76	8	<	55	1	<	<	0.3	7	16	333	<	16	27	314	11	36	2	2	0.02	0.87	0.59	1.48	0.41	0.05	0.02	0.07
JN1 S 0013	L	<	0.3	41	12	87	11	<	180	2	<	<	1.5	13	20	472	<	19	30	735	20	82	1	1	0.01	1.13	1.52	1.67	0.55	0.06	0.02	0.14
JN1 S 0014	L	<	0.2	55	16	135	20	<	150	5	<	<	1.8	12	29	419	<	29	48	540	27	68	4	3	0.01	1.81	1.11	2.87	1.49	0.16	0.02	0.11
JN1 S 0015	L	<	0.1	23	13	82	6	<	85	1	<	<	0.7	11	22	337	<	23	43	300	21	37	3	3	0.04	1.28	0.70	2.32	0.73	0.08	0.02	0.09
JN1 S 0016	L	<	0.1	28	14	102	7	<	105	2	<	<	0.4	14	24	318	<	23	48	460	20	66	2	3	0.06	1.47	0.90	3.03	0.79	0.07	0.02	0.11
JN1 S 0017	L	<	0.2	31	11	105	<	<	125	3	<	<	0.9	12	27	288	<	20	39	545	22	64	1	3	0.02	1.28	0.72	2.92	0.55	0.06	0.02	0.10
JN1 S 0018	L	<	0.1	12	9	72	6	<	90	1	<	<	0.4	8	18	204	<	15	26	369	14	38	1	2	0.03	0.89	0.48	1.56	0.35	0.05	0.02	0.07
JN1 S 0019	L	<	0.1	16	10	70	5	<	25	1	<	<	0.3	9	19	233	<	19	28	266	21	36	2	2	0.02	1.14	0.74	1.90	0.67	0.07	0.02	0.08
JN1 S 0020	L	<	0.1	11	9	68	5	<	25	1	<	<	0.3	8	16	191	<	14	25	331	11	35	1	2	0.02	0.82	0.42	1.48	0.33	0.03	0.02	0.06
JN1 S 0021	L	<	0.1	13	11	57	6	<	45	1	<	<	0.2	6	15	243	<	15	23	159	14	33	2	2	0.02	0.91	0.59	1.53	0.42	0.05	0.02	0.08
JN1 S 0022	L	<	0.1	19	9	80	8	<	85	1	<	<	0.3	9	19	261	<	19	26	411	16	63	2	2	0.02	1.08	1.06	1.96	0.54	0.06	0.02	0.08
Min Limit		5	0.1	1	2	1	5	5	5	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*		9999	99.9	20000	20000	20000	9999	999	9999	999	999	9999	99.9	9999	9999	9999	999	9999	9999	9999	9999	9999	9999	9999	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method		GeoS	ICP	ICP	ICP	ICP	ICP	ICP	CVA	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No SampleL=Silt R=Rock

INTERNATIONAL PLASMA LABORATORY LTD.

CERTIFICATE OF ANALYSIS
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Client : Nicholson & Associates
Project: Norex

510 Samples
509=Silt 1=Rock

[093117:12:16:79100297]

Out: Oct 02, 1997
In : Sep 17, 1997

Sample Name		Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppb	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
JN1 S 0023	L	<	0.1	17	12	81	<	<	125	2	<	<	0.5	10	20	171	<	18	30	325	16	51	2	3	0.02	0.96	0.58	1.94	0.43	0.06	0.02	0.07
JN1 S 0024	L	<	0.1	13	11	87	13	<	135	1	<	<	1.0	14	21	456	<	21	37	2221	16	37	1	2	0.02	1.26	0.57	2.50	0.41	0.05	0.02	0.08
JN1 S 0025	L	<	0.2	21	22	149	6	<	105	2	<	<	1.5	13	29	233	<	22	29	691	13	42	1	2	0.02	1.21	0.44	2.39	0.39	0.07	0.02	0.07
JN1 S 0026	L	<	0.1	12	14	50	10	<	90	1	<	<	0.2	9	14	217	<	16	28	388	13	25	1	2	0.02	1.01	0.26	1.74	0.31	0.04	0.02	0.04
JN1 S 0027	L	<	0.2	27	26	98	13	<	100	1	<	<	0.7	14	26	284	<	24	33	770	15	43	1	3	0.01	1.64	0.33	2.57	0.42	0.11	0.02	0.07
JN1 S 0028	L	<	0.2	18	13	85	10	<	120	2	<	<	0.7	10	22	226	<	20	30	494	17	60	1	3	0.02	1.24	0.57	2.10	0.40	0.06	0.02	0.07
JN1 S 0029	L	<	0.2	30	17	89	12	<	75	1	<	<	0.7	10	23	240	<	20	29	941	16	78	2	3	0.01	1.37	0.80	2.26	0.41	0.08	0.02	0.07
JN1 S 0031	L	<	0.1	12	9	48	10	<	20	2	<	<	0.2	7	15	143	<	22	35	199	16	18	<	1	0.02	1.10	0.24	1.82	0.33	0.05	0.02	0.06
MN6 S 01	L	<	0.3	53	23	177	<	<	45	4	<	<	<	21	80	160	<	10	18	877	27	20	1	1	<	0.59	0.22	4.86	0.12	0.08	0.02	0.12
MN6 S 02	L	<	0.4	43	22	145	8	<	65	1	<	<	0.8	18	64	300	<	31	21	527	28	42	1	2	<	1.16	0.53	2.45	0.32	0.11	0.02	0.10
MN6 S 03	L	<	0.4	52	25	111	11	<	200	2	<	<	0.5	24	58	431	<	25	36	369	27	16	1	3	0.01	1.58	0.16	2.62	0.25	0.06	0.02	0.06
MN6 S 04	L	<	0.2	27	18	73	6	<	105	2	<	<	0.6	9	25	177	<	21	35	308	25	12	3	2	0.02	1.05	0.12	2.40	0.25	0.05	0.02	0.03
MN6 S 05	L	<	0.2	35	24	129	<	<	115	2	<	<	0.8	15	52	237	<	23	21	877	29	31	1	1	<	0.90	0.36	2.93	0.26	0.09	0.02	0.08
MN6 S 06	L	<	0.4	33	23	107	5	<	95	2	<	<	0.8	14	42	277	<	21	23	749	25	40	1	1	<	1.06	0.56	2.46	0.31	0.10	0.02	0.08
MN6 S 07	L	<	0.3	41	27	167	<	<	60	2	<	<	0.6	19	64	286	<	18	19	1209	31	40	1	1	<	0.78	0.48	3.34	0.22	0.11	0.02	0.09
MN6 S 08	L	<	0.2	34	24	114	<	<	35	3	<	<	1.1	17	42	224	<	21	24	1197	27	24	1	2	0.01	0.87	0.28	2.89	0.25	0.11	0.02	0.07
MN6 S 09	L	<	0.3	33	23	115	8	<	60	4	<	<	1.0	20	42	299	<	18	26	1909	28	37	1	2	0.01	0.95	0.47	2.96	0.27	0.09	0.02	0.08
MN6 S 10	L	<	0.3	32	17	72	12	<	70	2	<	<	0.6	15	31	387	<	23	35	2545	24	29	1	2	0.02	1.22	0.27	2.33	0.29	0.07	0.02	0.06
MN6 S 11	L	<	0.3	63	19	91	12	<	175	4	<	<	0.9	13	48	443	<	27	40	620	28	28	1	3	0.02	1.40	0.29	2.81	0.33	0.09	0.02	0.05
MN6 S 12	L	<	0.3	34	23	112	6	<	50	3	<	<	0.7	16	45	234	<	20	26	1020	28	34	1	2	0.01	0.88	0.38	2.91	0.27	0.08	0.02	0.07
MN6 S 13	L	<	0.2	29	14	83	<	<	40	2	<	<	0.6	14	34	208	<	18	27	1020	22	27	1	2	0.02	0.83	0.35	2.39	0.31	0.07	0.02	0.07
MN6 S 14	L	<	0.2	29	15	81	7	<	35	2	<	<	0.4	11	29	221	<	20	33	718	21	33	1	2	0.03	0.91	0.40	2.39	0.34	0.07	0.02	0.07
NM5 S 01	L	<	0.3	9	19	60	<	<	40	1	<	<	0.2	4	5	345	<	7	18	226	39	16	<	3	0.01	1.00	0.18	1.83	0.31	0.13	0.02	0.06
NM5 S 02	L	<	0.2	7	18	51	9	<	20	1	<	<	0.2	5	7	241	<	12	25	145	35	23	1	3	0.06	1.16	0.25	1.58	0.48	0.13	0.02	0.05
NM5 S 03	L	<	0.3	10	29	58	8	<	25	1	<	<	0.2	7	9	367	<	14	25	293	41	32	1	3	0.03	1.32	0.33	1.88	0.50	0.15	0.02	0.06
NM5 S 04	L	<	0.3	8	23	50	8	<	25	1	<	<	0.2	5	8	227	<	13	24	193	32	22	1	2	0.03	1.08	0.24	1.57	0.44	0.11	0.02	0.06
NM5 S 05	L	<	0.2	8	23	55	11	<	5	2	<	<	0.4	5	9	245	<	15	24	198	31	24	1	2	0.03	1.10	0.27	1.62	0.46	0.11	0.02	0.05
NM5 S 06	L	<	0.3	14	25	52	7	<	10	1	<	<	0.1	5	8	179	<	13	23	235	26	24	1	2	0.02	0.97	0.31	1.55	0.45	0.09	0.02	0.05
NM5 S 07	L	<	0.3	11	23	54	8	<	115	1	<	<	0.2	5	7	172	<	12	19	238	31	18	1	2	0.02	0.88	0.21	1.38	0.46	0.08	0.02	0.04
NM5 S 08	L	<	0.2	10	27	50	11	<	30	2	<	<	0.5	5	9	136	<	14	22	131	32	16	1	2	0.02	0.86	0.18	1.31	0.43	0.08	0.02	0.04
NM5 S 09	L	<	0.3	14	28	56	6	<	10	2	<	<	0.3	6	8	156	<	14	23	263	30	18	1	2	0.02	0.94	0.20	1.54	0.46	0.08	0.02	0.04
NM5 S 10	L	<	0.3	17	27	72	8	<	30	2	<	<	0.3	6	9	209	<	14	23	322	31	20	1	2	0.02	0.94	0.23	1.55	0.48	0.09	0.02	0.04
NM5 S 11	L	<	0.3	12	23	51	13	<	35	2	<	<	0.3	6	13	276	<	20	35	281	24	26	1	3	0.04	1.28	0.32	1.89	0.46	0.08	0.02	0.07
NM5 S 12	L	<	0.3	16	25	57	15	<	45	2	<	<	0.5	6	14	296	<	21	35	363	26	29	<	3	0.03	1.52	0.31	2.04	0.51	0.10	0.02	0.07
NM5 S 13	L	<	0.4	22	30	55	14	<	80	2	<	<	0.3	5	11	380	<	19	28	220	30	23	1	2	0.03	1.16	0.22	1.64	0.40	0.09	0.02	0.05
NM5 S 14	L	<	0.4	44	33	69	13	<	40	2	<	<	0.4	6	8	409	<	14	23	421	25	21	<	2	0.02	1.08	0.20	1.73	0.50	0.09	0.02	0.05
NM5 S 15	L	<	0.5	40	28	72	12	<	110	1	<	<	0.5	4	10	385	<	16	25	253	25	27	<	2	0.03	1.01	0.33	1.62	0.39	0.06	0.02	0.05
NM5 S 16	L	<	0.4	30	26	66	12	<	45	2	<	<	0.4	4	11	355	<	16	26	171	25	26	<	2	0.03	1.02	0.31	1.63	0.42	0.08	0.02	0.05
NM5 S 17	L	<	0.4	41	32	88	14	<	75	1	<	<	1.1	5	14	514	<	18	29	339	36	38	1	3	0.02	1.38	0.46	2.02	0.47	0.11	0.02	0.08
Min Limit		5	0.1	1	2	1	5	5	5	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*		9999	99.9	20000	20000	20000	9999	999	9999	999	999	9999	99.9	9999	9999	9999	999	9999	9999	9999	9999	9999	9999	9999	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method		GeoS	ICP	ICP	ICP	ICP	ICP	ICP	CVA	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No SampleL=Silt R=Rock

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Client : Nicholson & Associates
Project: Norex

510 Samples
509=Silt 1=Rock

[093117:12:16:79100297]

Out: Oct 02, 1997
In : Sep 17, 1997

Sample Name		Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppb	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
NM5 S 18	L	<	0.4	33	28	81	17	<	50	1	<	<	1.6	4	15	501	<	18	28	218	34	39	1	2	0.02	1.16	0.48	1.99	0.44	0.09	0.02	0.07
NM5 S 19	L	<	0.2	28	31	77	11	<	100	2	<	<	0.6	5	10	341	<	12	19	386	26	34	1	2	0.02	0.79	0.41	1.67	0.37	0.09	0.02	0.06
NM5 S 20	L	12	0.3	29	38	134	15	<	50	2	<	<	1.7	7	20	444	<	15	27	782	36	69	2	2	0.02	1.28	0.79	1.93	0.41	0.10	0.02	0.07
SN5 S 28	L	<	0.2	14	92	106	10	<	35	1	<	<	0.5	4	11	144	<	16	25	134	15	13	<	1	0.02	0.98	0.17	1.33	0.31	0.06	0.02	0.05
SN5 S 29	L	<	0.2	15	109	111	11	<	90	1	<	<	0.6	9	11	298	<	18	26	459	16	21	<	1	0.02	0.95	0.24	1.41	0.35	0.06	0.02	0.05
SN5 S 30	L	<	0.1	16	29	55	6	<	55	1	<	<	0.5	9	18	163	<	26	27	240	20	20	1	2	0.03	0.79	0.31	1.36	0.51	0.04	0.02	0.05
SN5 S 31	L	<	0.2	22	55	112	10	<	15	1	<	<	1.0	11	21	270	<	28	30	421	20	27	1	2	0.02	1.00	0.35	1.58	0.58	0.06	0.02	0.05
SN5 S 32	L	10	0.2	19	66	136	10	<	15	1	<	<	1.0	11	21	248	<	28	29	427	19	27	<	2	0.02	0.97	0.38	1.53	0.55	0.06	0.02	0.07
SN5 S 33	L	8	0.2	23	74	152	12	<	95	2	<	<	1.3	13	24	310	<	31	31	589	23	34	1	2	0.02	1.12	0.45	1.70	0.63	0.08	0.02	0.07
SN5 S 34	L	6	0.2	21	60	122	9	<	15	2	<	<	1.0	11	21	268	<	29	27	523	21	29	1	2	0.02	0.98	0.41	1.53	0.59	0.06	0.02	0.07
SN5 S 35	L	<	<	46	8	50	12	<	15	1	<	<	0.1	18	63	100	<	117	32	509	5	20	1	2	0.04	1.43	0.55	1.86	1.82	0.03	0.02	0.10
SN5 S 36	L	<	0.2	14	39	102	7	<	25	1	<	<	0.7	10	17	241	<	23	27	467	17	22	<	2	0.02	0.91	0.32	1.52	0.49	0.09	0.02	0.07
SN5 S 37	L	<	0.2	12	36	84	6	<	25	1	<	<	0.5	8	15	187	<	21	26	352	17	16	<	2	0.02	0.84	0.25	1.41	0.44	0.08	0.02	0.06
SN5 S 38	L	<	0.2	13	37	102	<	<	30	1	<	<	0.6	11	17	244	<	24	30	538	19	23	<	2	0.03	0.97	0.33	1.59	0.49	0.07	0.02	0.06
SN5 S 39	L	<	0.2	12	31	89	5	<	10	1	<	<	0.6	9	15	226	<	21	27	441	17	20	<	2	0.03	0.92	0.29	1.51	0.47	0.06	0.02	0.06
SN5 S 40	L	<	0.2	12	39	101	7	<	15	<	<	<	0.7	12	16	251	<	22	30	640	17	23	<	2	0.03	0.98	0.32	1.64	0.48	0.06	0.02	0.06
SN5 S 41	L	<	0.3	15	51	118	7	<	20	1	<	<	0.8	14	18	312	<	23	32	772	20	27	<	2	0.02	1.08	0.35	1.87	0.50	0.14	0.02	0.06
SN5 S 42	L	<	0.1	25	19	63	11	<	10	1	<	<	0.3	14	41	167	<	72	33	437	17	38	1	2	0.03	1.27	0.56	1.89	1.18	0.05	0.02	0.11
SN5 S 43	L	<	0.1	37	17	63	6	<	10	1	<	<	0.3	15	46	201	<	79	33	482	17	46	1	3	0.03	1.37	0.57	1.92	1.31	0.06	0.02	0.08
SN5 S 44	L	20	<	23	13	50	6	<	5	2	<	<	0.3	13	40	136	<	77	33	355	13	33	1	2	0.04	1.11	0.58	1.79	1.13	0.04	0.02	0.15
SN5 S 45	L	24	0.3	18	23	67	11	<	15	2	<	<	0.5	12	35	379	<	68	35	508	29	32	1	2	0.03	1.18	0.55	1.90	0.77	0.08	0.02	0.12
SN5 S 46	L	<	0.2	45	19	67	14	<	55	2	<	<	0.6	17	51	266	<	90	38	589	18	51	1	3	0.03	1.63	0.58	2.14	1.44	0.06	0.02	0.06
SN5 S 47	L	<	0.1	30	13	61	8	<	15	2	<	<	0.6	16	50	161	<	90	37	458	14	37	1	3	0.05	1.40	0.56	2.02	1.47	0.06	0.02	0.11
SN5 S 48	L	<	0.1	54	10	63	14	<	5	1	<	<	0.7	22	75	134	<	132	41	718	8	38	1	3	0.06	1.80	0.57	2.41	2.20	0.03	0.02	0.08
SN5 S 49	L	8	0.1	35	15	61	11	<	50	1	<	<	0.3	17	52	153	<	92	35	548	12	33	1	3	0.04	1.40	0.50	1.99	1.54	0.05	0.02	0.09
SN5 S 50	L	<	<	14	20	54	8	<	10	2	<	<	0.5	11	27	205	<	45	32	428	19	29	1	2	0.03	1.05	0.42	1.66	0.86	0.06	0.02	0.08
SN5 S 51	L	<	0.2	10	15	49	7	<	35	1	<	<	0.2	8	17	208	<	26	23	288	22	30	1	2	0.02	0.85	0.36	1.29	0.54	0.06	0.02	0.06
SN5 S 52	L	<	0.1	14	19	63	6	<	10	1	<	<	0.6	12	26	172	<	43	28	608	22	34	1	2	0.03	0.98	0.42	1.58	0.77	0.06	0.02	0.09
SN5 S 53	L	<	0.2	11	24	53	5	<	10	1	<	<	0.3	8	19	177	<	31	25	376	23	31	1	2	0.03	0.86	0.37	1.40	0.59	0.07	0.02	0.07
SN5 S 54	L	<	0.2	9	19	45	6	<	70	2	<	<	0.2	6	14	195	<	25	20	262	27	25	1	1	0.02	0.76	0.35	1.21	0.51	0.06	0.02	0.08
SN5 S 55	L	<	0.2	14	28	71	8	<	70	2	<	<	0.4	8	16	432	<	20	28	370	31	43	1	2	0.03	0.91	0.45	1.77	0.41	0.12	0.02	0.07
SN5 S 56	L	<	0.1	15	23	58	8	<	100	2	<	<	0.3	10	25	294	<	44	26	444	23	27	1	2	0.02	1.06	0.42	1.52	0.83	0.06	0.02	0.08
SN5 S 57	L	6	<	51	10	73	16	<	40	2	<	<	0.1	27	80	192	<	147	63	1036	11	29	1	5	0.06	2.36	0.79	3.11	2.86	0.07	0.02	0.13
SN5 S 58	L	<	0.2	10	36	59	6	<	25	2	<	<	0.3	6	11	314	<	16	19	416	32	26	1	1	0.02	0.84	0.31	1.34	0.41	0.06	0.02	0.04
SN5 S 59	L	<	0.2	7	26	53	9	<	60	2	<	<	0.6	7	10	288	<	14	22	440	32	22	1	2	0.02	0.71	0.25	1.19	0.35	0.07	0.02	0.04
SN5 S 60	L	<	0.2	8	38	58	8	<	25	2	<	<	0.5	7	9	335	<	11	18	624	33	26	1	1	0.01	0.80	0.30	1.26	0.37	0.06	0.02	0.04
SN5 S 61	L	<	0.2	6	27	44	9	<	85	2	<	<	0.3	6	6	284	<	9	17	366	26	23	1	1	0.02	0.73	0.27	1.08	0.33	0.05	0.02	0.04
SN5 S 62	L	<	0.3	7	63	44	9	<	105	2	<	<	0.3	14	7	210	<	11	22	886	23	14	<	1	0.01	0.76	0.16	1.16	0.31	0.07	0.02	0.04
SN5 S 63	L	<	0.3	9	53	46	10	<	40	2	<	<	0.3	7	9	224	<	15	22	328	19	18	<	1	0.01	0.84	0.21	1.21	0.30	0.08	0.02	0.05
Min Limit		5	0.1	1	2	1	5	5	5	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*		9999	99.9	20000	20000	20000	9999	999	9999	999	999	9999	99.9	9999	9999	9999	999	9999	9999	9999	9999	9999	9999	9999	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method		GeoS	ICP	ICP	ICP	ICP	ICP	ICP	CVA	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No SampleL=Silt R=Rock

INTERNATIONAL PLASMA LABORATORY LTD.

CERTIFICATE OF ANALYSIS
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Client : Nicholson & Associates
Project: Norex

510 Samples
509=Silt 1=Rock

[093117:12:16:79100297]

Out: Oct 02, 1997
In : Sep 17, 1997

Sample Name		Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppb	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
WN5 S 0051	L	<	0.1	8	20	56	11	<	75	2	<	<	0.1	8	12	181	<	19	34	323	18	18	<	2	0.03	1.14	0.24	1.88	0.52	0.06	0.02	0.06
WN5 S 0052	L	10	0.1	9	19	58	12	<	10	<	<	<	0.2	8	11	184	<	19	35	346	19	20	1	2	0.03	1.15	0.27	1.93	0.53	0.07	0.02	0.06
WN5 S 0053	L	<	0.1	10	24	61	15	<	35	2	<	<	0.5	7	13	175	<	22	40	278	20	18	1	2	0.04	1.30	0.25	2.18	0.59	0.09	0.02	0.06
WN5 S 0054	L	<	0.1	8	16	58	15	<	50	2	<	<	0.1	7	12	193	<	18	34	292	18	20	<	2	0.04	1.18	0.27	1.87	0.53	0.07	0.02	0.06
WN5 S 0055	L	<	0.2	14	25	76	12	<	145	1	<	<	0.6	10	14	255	<	22	41	471	23	24	1	3	0.04	1.45	0.31	2.28	0.61	0.11	0.02	0.07
WN5 S 0056	L	14	0.2	11	17	66	10	<	65	1	<	<	0.6	9	15	233	<	25	44	329	23	26	1	3	0.05	1.37	0.37	2.26	0.60	0.10	0.02	0.08
WN5 S 0057	L	<	<	10	17	62	12	<	10	1	<	<	0.5	8	13	198	<	22	39	293	19	24	1	3	0.05	1.25	0.34	2.04	0.57	0.09	0.02	0.07
WN5 S 0058	L	<	0.1	10	16	61	9	<	45	1	<	<	0.6	8	13	199	<	21	39	340	20	25	1	3	0.05	1.20	0.36	2.06	0.56	0.09	0.02	0.07
WN5 S 0059	L	20	0.1	9	15	60	12	<	20	1	<	<	0.5	8	13	213	<	23	47	311	20	25	1	3	0.05	1.18	0.37	2.18	0.54	0.08	0.02	0.08
WN5 S 0060	L	<	0.1	8	14	56	12	<	75	1	<	<	0.2	8	12	193	<	19	37	334	19	21	1	2	0.04	1.12	0.30	1.94	0.52	0.08	0.02	0.07
WN5 S 0061	L	<	<	11	17	65	17	<	10	2	<	<	0.8	10	15	205	<	23	43	346	19	26	1	3	0.04	1.22	0.38	2.12	0.58	0.09	0.03	0.08
WN5 S 0062	L	<	0.1	10	16	63	14	<	15	2	<	<	0.5	8	14	218	<	21	39	272	18	25	1	3	0.05	1.18	0.37	1.99	0.55	0.07	0.02	0.07
WN5 S 0063	L	<	0.1	10	18	64	12	<	50	2	<	<	0.6	8	14	215	<	22	38	326	20	24	1	3	0.04	1.26	0.34	2.06	0.57	0.08	0.02	0.07
WN5 S 0064	L	<	0.2	12	18	79	18	<	15	2	<	<	0.7	10	16	265	<	26	44	349	24	28	1	3	0.05	1.63	0.38	2.45	0.70	0.11	0.03	0.08
WN5 S 0065	L	8	0.2	11	16	68	12	<	25	1	<	<	0.7	10	15	215	<	24	43	378	23	24	1	3	0.06	1.38	0.34	2.27	0.62	0.10	0.03	0.07
WN5 S 0066	L	<	0.2	10	19	78	7	<	60	2	<	<	0.5	7	11	210	<	16	29	294	28	30	1	2	0.05	1.00	0.37	1.71	0.46	0.14	0.02	0.07
WN5 S 0067	L	<	0.2	14	22	106	15	<	80	2	<	<	1.2	9	17	313	<	23	38	389	31	49	1	3	0.05	1.41	0.51	2.20	0.59	0.11	0.03	0.08
WN5 S 0068	L	32	0.2	11	26	81	6	<	30	2	<	<	0.3	5	13	211	<	21	29	133	26	28	1	2	0.04	0.96	0.36	1.55	0.48	0.07	0.02	0.07
WN5 S 0069	L	<	0.2	11	21	76	7	<	15	1	<	<	0.4	8	14	248	<	21	36	244	25	30	1	2	0.04	1.07	0.35	1.86	0.47	0.09	0.02	0.07
WN5 S 0070	L	<	0.2	16	15	76	7	<	40	1	<	<	0.8	11	21	208	<	28	42	317	20	40	2	3	0.07	1.45	0.56	2.30	0.71	0.10	0.03	0.07
WN5 S 0071	L	<	0.2	21	17	91	15	<	105	2	<	<	1.0	13	25	258	<	35	46	409	25	51	1	4	0.07	1.70	0.70	2.57	0.79	0.11	0.03	0.08
WN5 S 0072	L	<	0.2	19	20	89	12	<	115	2	<	<	1.0	13	23	242	<	34	46	379	26	51	1	4	0.08	1.70	0.71	2.47	0.76	0.12	0.03	0.08
WN5 S 0073	L	6	0.2	20	23	84	14	<	55	1	<	<	0.9	12	23	272	<	34	45	366	28	54	1	3	0.07	1.68	0.73	2.32	0.73	0.11	0.03	0.07
WN5 S 0074	L	<	0.2	18	20	91	18	<	15	1	<	<	0.8	13	26	253	<	36	51	359	28	50	1	4	0.09	1.78	0.71	2.57	0.79	0.11	0.04	0.07
WN5 S 0075	L	<	0.2	18	19	73	14	<	15	3	<	<	1.1	14	22	216	<	31	49	344	22	46	2	4	0.09	1.59	0.65	2.45	0.74	0.11	0.04	0.07
WN5 S 0076	L	<	0.2	19	17	76	17	<	25	2	<	<	1.0	14	25	225	<	32	50	379	22	47	2	4	0.09	1.65	0.66	2.52	0.76	0.11	0.04	0.07
WN5 S 0077	L	<	0.2	20	15	77	9	<	100	2	<	<	0.9	14	25	212	<	32	48	366	22	45	2	3	0.09	1.53	0.65	2.50	0.78	0.11	0.04	0.08
WN5 S 0078	L	<	0.2	21	20	86	11	<	15	2	<	<	1.0	15	27	256	<	35	52	368	26	53	2	4	0.09	1.83	0.73	2.88	0.88	0.13	0.04	0.08
WN5 S 0079	L	6	0.2	16	16	72	13	<	15	1	<	<	0.7	12	21	220	<	30	46	367	21	40	1	3	0.07	1.46	0.57	2.37	0.67	0.09	0.03	0.07
WN5 S 0080	L	<	0.1	20	19	93	13	<	40	2	<	<	1.0	14	26	235	<	39	48	402	25	48	2	3	0.08	1.71	0.67	2.68	0.90	0.12	0.03	0.08
WN5 S 0081	L	<	0.1	20	19	102	15	<	30	2	<	<	1.2	16	30	249	<	46	50	469	27	51	2	4	0.09	1.81	0.73	2.74	0.99	0.13	0.04	0.08
WN5 S 0082	L	18	0.1	20	19	100	15	<	15	2	<	<	1.0	15	29	256	<	45	52	420	29	51	1	4	0.09	1.89	0.72	2.74	0.98	0.12	0.04	0.08
WN5 S 0083	L	<	0.2	22	25	98	17	<	25	2	<	<	0.8	13	26	290	<	40	47	434	33	53	1	4	0.07	1.88	0.70	2.56	0.84	0.14	0.03	0.07
WN5 S 0084	L	<	0.1	20	19	95	14	<	20	2	<	<	1.1	16	29	246	<	44	54	437	27	51	1	4	0.10	1.79	0.76	2.80	0.97	0.14	0.04	0.08
WN5 S 0085	L	<	0.1	16	16	81	12	<	10	2	<	<	0.5	12	22	225	<	37	47	305	24	40	1	3	0.09	1.60	0.59	2.34	0.77	0.10	0.03	0.07
WN5 S 0086	L	<	0.1	21	26	114	19	<	70	2	<	<	1.3	14	27	259	<	45	49	465	30	55	1	4	0.09	1.87	0.74	2.58	0.89	0.14	0.03	0.08
WN5 S 0087	L	<	0.1	20	23	105	15	<	80	2	<	<	1.1	13	27	245	<	45	46	446	27	51	1	4	0.08	1.74	0.71	2.37	0.86	0.13	0.03	0.07
WN5 S 0088	L	<	0.1	21	24	108	14	<	20	2	<	<	1.2	14	29	262	<	45	45	469	29	55	1	4	0.08	1.79	0.77	2.44	0.90	0.13	0.03	0.08
WN5 S 0089	L	<	0.2	21	26	100	15	<	95	3	<	<	1.2	12	25	274	<	38	45	425	30	53	1	3	0.07	1.66	0.72	2.37	0.79	0.12	0.03	0.07
Min Limit		5	0.1	1	2	1	5	5	5	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*		9999	99.9	20000	20000	20000	9999	999	9999	999	999	9999	99.9	9999	9999	9999	999	9999	9999	9999	9999	9999	9999	9999	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method		GeoS	ICP	ICP	ICP	ICP	ICP	ICP	CVA	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample L=Silt R=Rock

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Client : Nicholson & Associates
Project: Norex

510 Samples
509=Silt 1=Rock

[093117:12:16:79100297]

Out: Oct 02, 1997
In : Sep 17, 1997

Sample Name		Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppb	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
WN5 S 0090	L	<	<	21	24	101	16	<	45	2	<	<	1.4	14	28	234	<	43	45	418	24	47	1	4	0.06	1.50	0.64	2.23	0.83	0.12	0.03	0.07
WN5 S 0091	L	<	0.2	19	21	91	13	<	15	2	<	<	1.0	16	28	250	<	42	57	473	21	46	2	4	0.08	1.75	0.73	2.79	1.00	0.15	0.03	0.09
WN5 S 0092	L	<	0.1	21	22	99	13	<	20	2	<	<	1.2	12	27	232	<	41	43	387	23	44	1	3	0.06	1.49	0.61	2.24	0.81	0.11	0.03	0.07
WN5 S 0093	L	<	0.2	18	26	91	13	<	30	1	<	<	0.8	11	23	247	<	36	41	354	26	44	1	3	0.05	1.46	0.61	2.10	0.71	0.10	0.03	0.07
WN5 S 0094	L	<	0.2	21	30	98	17	<	50	2	<	<	1.3	11	23	349	<	35	38	474	32	60	1	2	0.04	1.56	0.77	2.08	0.67	0.10	0.03	0.07
WN5 S 0095	L	<	0.2	23	21	102	9	<	25	1	<	<	1.3	13	30	254	<	49	42	454	23	47	1	3	0.06	1.52	0.63	2.22	0.88	0.10	0.03	0.07
WN5 S 0096	L	<	0.2	18	20	94	14	<	25	2	<	<	0.9	11	24	232	<	39	37	363	20	39	1	2	0.05	1.31	0.52	1.95	0.73	0.09	0.03	0.06
WN5 S 0097	L	<	0.2	22	28	101	11	<	40	1	<	<	1.0	12	31	243	<	56	35	396	24	49	1	2	0.04	1.43	0.64	1.98	0.85	0.09	0.02	0.07
WN5 S 0098	L	<	0.2	17	18	93	12	<	20	1	<	<	0.7	12	27	228	<	41	39	435	19	37	1	2	0.06	1.30	0.52	1.98	0.78	0.08	0.02	0.07
WN5 S 0099	L	<	0.3	22	28	101	11	<	30	2	<	<	1.2	12	26	284	<	41	39	490	27	45	1	2	0.04	1.44	0.59	2.13	0.76	0.09	0.02	0.07
WN5 S 0100	L	<	0.1	16	20	84	9	<	55	2	<	<	0.5	11	24	227	<	38	38	370	21	36	1	2	0.06	1.24	0.51	1.87	0.72	0.09	0.02	0.07
WN6 S 0001	L	<	0.2	21	14	49	18	<	55	2	<	<	0.5	9	19	279	<	23	35	265	16	27	1	3	0.03	1.08	0.39	2.03	0.33	0.05	0.02	0.05
WN6 S 0002	L	<	0.1	22	17	50	20	<	30	2	<	<	0.5	11	21	291	<	23	37	655	16	29	2	3	0.03	1.05	0.42	2.14	0.33	0.05	0.02	0.05
WN6 S 0003	L	<	0.1	22	14	51	19	<	30	1	<	<	0.6	9	21	317	<	26	39	218	16	30	1	3	0.03	1.23	0.41	2.00	0.35	0.05	0.02	0.05
WN6 S 0004	L	<	0.1	16	12	38	12	<	45	1	<	<	<	8	17	226	<	19	32	281	15	23	1	2	0.03	0.92	0.31	1.79	0.28	0.04	0.02	0.04
WN6 S 0005	L	<	0.1	19	12	49	25	<	30	3	<	<	0.2	15	22	300	<	24	41	867	15	30	2	3	0.03	1.01	0.40	3.41	0.32	0.04	0.02	0.06
WN6 S 0006	L	<	0.1	25	18	63	24	<	40	2	<	<	0.1	14	27	362	<	30	45	500	17	33	2	3	0.03	1.40	0.44	3.01	0.41	0.06	0.02	0.06
WN6 S 0007	L	<	<	24	17	61	20	<	35	2	<	<	0.7	17	26	328	<	29	41	492	15	30	2	3	0.03	1.32	0.39	2.82	0.39	0.06	0.02	0.05
WN6 S 0008	L	6	0.2	18	13	38	15	<	20	1	<	<	0.5	9	17	228	<	21	36	304	16	22	2	2	0.03	0.91	0.29	2.07	0.26	0.04	0.02	0.04
WN6 S 0009	L	<	0.2	19	16	52	19	<	25	1	<	<	0.6	14	22	314	<	25	41	812	17	30	2	3	0.03	1.19	0.39	2.59	0.36	0.05	0.02	0.05
WN6 S 0010	L	<	0.2	22	15	43	14	<	30	2	<	<	0.5	9	18	248	<	23	36	223	16	21	2	3	0.03	1.08	0.26	2.10	0.28	0.05	0.02	0.04
WN6 S 0011	L	<	0.1	17	13	41	10	<	25	1	<	<	0.5	9	16	194	<	20	32	177	15	17	2	2	0.03	0.88	0.22	2.15	0.24	0.05	0.02	0.04
WN6 S 0012	L	<	0.2	17	14	40	15	<	15	2	<	<	0.3	9	16	181	<	21	34	367	16	21	2	2	0.04	0.84	0.27	1.91	0.24	0.05	0.02	0.04
WN6 S 0013	L	12	0.2	17	15	46	23	<	20	2	<	<	0.6	17	20	240	<	21	38	1052	19	26	2	2	0.04	0.88	0.33	2.97	0.27	0.05	0.02	0.05
WN6 S 0014	L	<	0.1	16	13	45	20	<	15	2	<	<	0.6	17	23	179	<	23	35	531	17	19	3	2	0.03	0.68	0.22	2.77	0.20	0.04	0.02	0.04
WN6 S 0015	L	<	0.2	24	18	70	22	<	40	3	<	<	0.7	13	29	227	<	31	32	583	21	24	1	2	0.02	0.92	0.24	2.56	0.25	0.05	0.02	0.05
WN6 S 0016	L	<	0.3	30	20	73	35	<	65	3	<	<	1.1	14	36	282	<	33	36	574	19	25	1	2	0.02	1.06	0.25	2.97	0.25	0.05	0.02	0.06
WN6 S 0017	L	<	0.2	20	13	59	12	<	40	2	<	<	0.6	10	21	289	<	22	30	521	17	27	1	2	0.02	0.95	0.34	2.36	0.30	0.05	0.02	0.04
WN6 S 0018	L	8	0.4	22	14	77	83	<	35	4	<	<	0.5	7	27	155	<	19	27	209	27	23	2	2	0.02	0.53	0.16	2.20	0.14	0.03	0.02	0.05
WN6 S 0019	L	26	0.3	36	18	107	112	<	70	8	<	<	1.2	12	37	225	<	24	34	300	22	26	3	3	0.01	0.64	0.19	2.80	0.15	0.04	0.02	0.06
WN6 S 0020	L	<	0.4	34	18	85	102	<	80	5	<	<	1.1	12	32	296	<	28	35	486	23	33	2	3	0.02	0.92	0.30	2.51	0.24	0.06	0.02	0.05
WN6 S 0021	L	<	0.4	23	17	70	104	<	40	4	<	<	0.7	9	26	179	<	21	29	223	22	26	3	2	0.02	0.63	0.20	2.30	0.17	0.04	0.02	0.05
WN6 S 0022	L	<	0.4	24	15	73	101	<	50	5	<	<	0.7	8	26	188	<	21	28	232	21	26	2	2	0.02	0.62	0.17	2.25	0.15	0.05	0.02	0.05
WN6 S 0023	L	<	0.4	27	17	71	102	<	60	4	<	<	0.6	9	27	245	<	25	33	288	24	30	2	3	0.02	0.83	0.24	2.33	0.21	0.06	0.02	0.05
WN6 S 0024	L	<	0.3	20	14	65	103	<	35	4	<	<	0.4	7	23	151	<	17	24	236	21	23	2	2	0.02	0.50	0.15	2.19	0.13	0.04	0.02	0.04
WN6 S 0025	L	<	0.4	24	16	78	89	<	45	4	<	<	0.6	8	27	169	<	20	26	221	23	25	2	2	0.02	0.59	0.18	2.24	0.16	0.05	0.02	0.05
WN6 S 0026	L	<	0.4	24	16	70	96	<	45	3	<	<	0.6	8	26	201	<	21	29	237	22	25	2	2	0.02	0.70	0.21	2.20	0.21	0.05	0.02	0.05
WN6 S 0027	L	<	0.4	27	17	76	99	<	75	4	<	<	0.7	12	28	233	<	22	28	850	18	30	1	2	0.01	0.72	0.31	2.59	0.20	0.05	0.02	0.05
WN6 S 0028	L	<	0.4	26	18	80	116	<	55	5	<	<	0.8	9	29	183	<	21	28	334	19	24	2	2	0.02	0.60	0.20	2.51	0.16	0.05	0.02	0.05
Min Limit		5	0.1	1	2	1	5	5	5	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*		9999	99.9	20000	20000	20000	9999	999	9999	999	999	9999	99.9	9999	9999	9999	999	9999	9999	9999	9999	9999	9999	9999	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method		GeoS	ICP	ICP	ICP	ICP	ICP	ICP	CVA	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample L=Silt R=Rock

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CERTIFICATE OF ANALYSIS
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Client : Nicholson & Associates
Project: Norex

510 Samples
509=Silt 1=Rock

[093117:12:16:79100297]

Out: Oct 02, 1997
In : Sep 17, 1997

Sample Name		Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppb	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
WN6 S 0029	L	<	0.5	24	14	64	98	<	60	3	<	<	0.4	8	24	206	<	20	27	300	16	23	2	2	0.01	0.61	0.21	2.20	0.18	0.03	0.02	0.04
WN6 S 0030	L	<	<	23	14	63	80	<	55	3	<	<	0.5	7	23	176	<	18	24	283	17	22	2	2	0.02	0.58	0.19	2.05	0.17	0.04	0.02	0.04
WN6 S 0031	L	<	0.5	28	12	69	89	<	135	3	<	<	0.4	8	26	237	<	23	30	292	17	27	1	2	0.02	0.77	0.25	2.19	0.22	0.03	0.02	0.04
WN6 S 0032	L	<	0.4	26	14	63	87	<	55	2	<	<	0.4	8	24	207	<	20	27	284	16	24	1	2	0.01	0.67	0.23	2.11	0.20	0.04	0.02	0.04
WN6 S 0033	L	<	0.5	29	12	76	88	<	65	3	<	<	0.5	8	27	228	<	22	28	318	15	27	1	2	0.01	0.74	0.26	2.26	0.22	0.03	0.02	0.04
WN6 S 0034	L	<	0.2	24	13	73	72	<	50	3	<	<	0.4	7	24	202	<	19	25	328	16	23	1	2	0.02	0.67	0.22	2.11	0.20	0.02	0.02	0.04
WN6 S 0035	L	18	0.9	31	15	80	84	<	80	3	<	<	0.7	10	29	251	<	25	30	448	15	30	1	2	0.01	0.82	0.34	2.48	0.24	0.04	0.02	0.05
WN6 S 0036	L	<	<	15	8	73	25	<	85	3	<	<	0.4	9	26	169	<	22	20	649	12	27	<	1	0.01	0.59	0.34	1.98	0.20	0.03	0.02	0.04
WN6 S 0037	L	<	<	27	14	62	22	<	80	1	<	<	0.6	6	18	255	<	23	25	109	13	31	1	2	0.02	0.90	0.38	1.45	0.32	0.03	0.02	0.04
WN6 S 0038	L	<	0.4	26	13	67	75	<	60	3	<	<	0.6	8	24	222	<	21	29	286	14	26	1	2	0.02	0.72	0.28	2.09	0.22	0.03	0.02	0.04
WN6 S 0039	L	<	<	22	11	75	56	<	75	4	<	<	0.4	7	24	180	<	20	25	249	15	24	2	2	0.02	0.66	0.25	2.15	0.21	0.04	0.02	0.05
8D S 0244	L	<	<	72	21	300	5	<	255	14	<	<	1.0	14	52	1048	<	11	73	2956	6	79	1	3	<	0.71	0.78	3.14	0.23	0.11	0.02	0.12
8D S 0245	L	<	<	61	4	103	<	<	225	3	<	<	1.3	5	42	906	<	6	21	540	4	106	2	1	<	0.46	1.71	1.52	0.28	0.09	0.02	0.09
8D S 0246	L	<	2.0	66	13	86	5	<	540	4	<	<	0.4	6	38	896	<	13	55	398	7	82	1	2	<	0.75	0.91	1.76	0.25	0.07	0.02	0.15
8D S 0247	L	<	0.5	54	9	111	15	<	300	8	<	<	0.8	9	29	636	<	9	79	652	4	76	3	2	<	0.57	1.53	1.69	0.31	0.06	0.02	0.11
8D S 0248	L	<	0.3	53	10	125	<	<	240	7	<	<	1.0	9	34	722	<	11	65	536	5	65	1	2	<	0.61	0.64	2.16	0.21	0.10	0.02	0.09
8D S 0249	L	<	0.1	55	11	154	<	<	195	6	<	<	1.5	10	38	639	<	10	46	921	6	60	1	2	<	0.58	0.58	2.27	0.18	0.12	0.02	0.10
8D S 0250	L	<	<	61	7	124	<	<	235	4	<	<	1.1	8	38	611	<	9	36	931	4	62	1	2	<	0.55	0.94	2.04	0.23	0.09	0.02	0.09
8D S 0251	L	<	<	64	7	216	<	<	175	7	<	<	1.2	8	37	537	<	14	82	448	6	65	<	2	<	0.59	0.36	2.45	0.16	0.16	0.02	0.12
8D S 0252	L	<	0.5	55	10	186	<	<	255	6	<	<	1.4	8	37	534	<	14	64	399	7	66	1	2	<	0.67	0.60	2.41	0.24	0.11	0.02	0.10
8D S 0253	L	<	0.1	76	13	233	<	<	240	8	<	<	1.5	12	50	585	<	13	78	627	7	59	1	2	<	0.66	0.59	2.59	0.20	0.11	0.02	0.10
8D S 0254	L	<	<	70	10	261	12	<	225	7	<	<	1.8	11	46	585	<	13	67	635	7	62	1	3	<	0.60	0.39	2.80	0.14	0.23	0.02	0.12
8D S 0255	L	6	<	64	10	212	<	<	245	7	<	<	1.6	8	43	580	<	16	80	436	8	64	<	2	0.01	0.77	0.50	2.45	0.27	0.12	0.02	0.11
8D S 0256	L	10	<	63	9	311	<	<	225	6	<	<	3.6	10	57	504	<	13	71	497	7	54	1	2	<	0.64	0.60	2.27	0.22	0.14	0.02	0.11
8D S 0257	L	<	0.6	46	13	136	7	<	245	8	<	<	1.6	7	30	710	<	20	86	537	9	62	<	1	0.01	0.89	0.45	2.25	0.28	0.09	0.02	0.11
8D S 0258	L	18	1.6	40	11	81	<	<	200	5	<	<	1.9	3	22	563	<	23	107	175	5	62	<	<	<	0.58	0.31	1.31	0.12	0.08	0.02	0.13
8D S 0259	L	<	<	69	10	120	<	<	145	5	<	<	2.4	10	31	806	<	21	57	1782	7	65	<	1	<	0.89	0.58	2.15	0.20	0.09	0.02	0.14
8D S 0260	L	<	1.1	90	10	435	17	9	595	24	<	<	5.0	10	66	1011	<	19	165	881	8	77	1	1	<	0.99	0.83	2.40	0.26	0.11	0.02	0.16
8D S 0261	L	<	0.3	70	11	169	<	<	240	8	<	<	1.9	11	45	473	<	12	67	576	6	59	1	2	<	0.57	0.79	2.47	0.23	0.12	0.02	0.09
8E S 0180	L	6	1.5	114	45	128	432	10	155	12	<	<	4.1	6	42	212	<	37	145	182	11	30	<	1	0.02	1.53	0.16	2.92	0.88	0.11	0.02	0.14
8E S 0181	L	12	1.8	266	64	189	881	20	235	16	<	<	0.7	30	91	336	<	53	216	1077	21	41	<	2	0.04	2.82	0.34	4.54	1.70	0.22	0.02	0.20
8E S 0182	L	10	1.9	221	53	172	726	17	180	12	<	4	1.0	22	75	277	<	50	185	783	20	36	<	2	0.04	2.59	0.30	3.90	1.58	0.20	0.02	0.17
8E S 0183	L	14	1.3	182	51	181	654	13	185	11	<	<	0.2	16	59	226	<	46	176	582	17	30	1	2	0.04	2.50	0.22	3.81	1.55	0.17	0.02	0.15
8E S 0184	L	<	1.5	128	40	270	256	9	200	11	<	<	1.1	13	55	272	<	39	162	446	18	42	<	1	0.02	2.02	0.30	3.42	0.98	0.15	0.03	0.17
8E S 0185	L	<	1.8	142	43	270	329	12	240	10	<	<	3.5	35	67	337	<	41	160	1446	18	44	<	1	0.02	2.14	0.38	3.48	1.07	0.16	0.03	0.19
8E S 0186	L	<	1.8	184	29	473	144	7	330	7	<	<	9.3	13	112	263	<	31	112	575	20	63	<	1	0.02	1.63	1.01	2.54	0.83	0.15	0.03	0.18
8E S 0187	L	6	1.5	134	29	405	149	6	245	6	<	<	4.0	12	82	310	<	34	120	399	23	62	<	1	0.02	1.68	0.92	2.59	0.84	0.15	0.03	0.17
8E S 0188	L	8	1.6	146	27	863	174	6	345	7	<	<	9.4	15	107	304	<	32	118	614	20	56	<	1	0.02	2.06	0.74	2.69	0.77	0.14	0.03	0.20
8E S 0189	L	<	1.1	101	19	497	101	6	200	7	<	<	5.9	12	78	328	<	36	106	483	17	54	1	2	0.03	1.85	0.66	2.50	0.91	0.44	0.03	0.19
Min Limit		5	0.1	1	2	1	5	5	5	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*		9999	99.9	20000	20000	20000	9999	999	9999	999	999	9999	99.9	9999	9999	9999	999	9999	9999	9999	9999	9999	9999	9999	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method		GeoS	ICP	ICP	ICP	ICP	ICP	ICP	CVA	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Client : Nicholson & Associates
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509=Silt 1=Rock

[093117:12:16:79100297]

Out: Oct 02, 1997
In : Sep 17, 1997

Sample Name		Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppb	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
8E S 0190	L	<	1.4	161	44	491	185	8	435	14	<	<	6.9	15	85	433	<	44	202	869	21	66	<	1	0.02	1.76	0.49	3.25	0.87	0.21	0.02	0.24
8E S 0191	L	8	0.9	110	27	434	121	18	145	9	<	<	3.5	13	76	422	<	47	163	516	24	91	1	4	0.03	2.05	0.85	3.32	1.07	0.48	0.04	0.33
8E S 0192	L	<	1.4	94	30	415	132	8	205	10	<	<	3.9	13	66	517	<	41	188	729	20	75	<	2	0.03	1.87	0.67	3.17	0.90	0.31	0.02	0.27
8E S 0193	L	8	1.4	76	34	361	128	7	290	11	<	<	3.1	13	62	390	<	48	256	688	21	75	<	1	0.02	1.75	0.56	2.81	0.86	0.26	0.02	0.23
8E S 0194	L	20	1.0	91	28	434	173	5	265	7	<	<	7.8	15	62	443	<	36	161	957	19	58	<	1	0.02	1.80	0.62	2.82	0.76	0.15	0.03	0.19
8E S 0195	L	14	2.1	124	204	850	94	11	415	30	<	<	4.4	15	121	1158	<	32	210	980	23	204	<	3	<	0.97	0.46	3.15	0.11	0.23	0.02	0.31
8E S 0196	L	<	0.9	106	26	455	100	7	175	8	<	<	7.2	26	79	590	<	37	127	2067	21	73	<	2	0.02	1.62	0.75	3.29	0.71	0.28	0.03	0.20
8E S 0197	L	<	<	21	18	78	10	<	45	5	<	<	0.6	6	22	342	<	25	64	210	18	49	<	2	0.02	1.24	0.17	2.39	0.37	0.11	0.02	0.08
8E S 0198	L	<	1.4	22	11	31	7	<	235	6	<	<	0.1	1	12	393	<	31	117	44	20	49	<	1	<	0.60	0.07	1.30	0.12	0.08	0.02	0.08
8E S 0199	L	<	<	33	11	95	11	<	125	4	<	<	0.3	4	20	331	<	33	131	177	13	54	<	1	<	1.15	0.13	1.88	0.30	0.06	0.02	0.10
8E S 0200	L	<	<	33	12	80	12	<	135	2	<	<	1.1	6	23	380	<	31	84	167	14	36	<	1	0.02	1.39	0.16	2.14	0.39	0.06	0.02	0.10
8E S 0201	L	<	1.0	100	26	369	122	7	195	10	<	<	4.2	10	94	328	<	48	164	348	14	91	2	3	0.03	1.62	0.84	3.21	0.95	0.43	0.05	0.21
8E S 0202	L	<	0.6	62	23	458	33	7	150	7	<	<	6.6	9	74	321	<	43	110	384	15	87	1	3	0.03	1.55	1.14	2.46	1.02	0.20	0.03	0.14
8E S 0203	L	<	0.8	55	15	381	18	<	290	3	<	<	3.8	8	67	243	<	30	89	144	17	56	<	3	0.04	1.30	0.67	2.03	0.55	0.09	0.03	0.11
8E S 0204	L	20	<	41	12	220	15	<	160	4	<	<	2.1	7	46	231	<	26	85	205	16	44	<	2	0.03	1.22	0.48	1.90	0.47	0.08	0.03	0.10
8E S 0205	L	45	1.1	62	36	458	64	7	205	9	<	<	3.5	10	75	303	<	37	150	453	19	78	<	2	0.03	1.38	0.83	3.03	0.64	0.14	0.02	0.16
8E S 0206	L	<	0.3	42	18	249	26	<	145	5	<	<	2.8	7	54	225	<	26	94	309	14	47	<	2	0.03	1.12	0.46	2.00	0.46	0.09	0.02	0.12
8E S 0207	L	<	0.5	70	15	633	27	<	150	10	<	<	4.3	13	94	457	<	33	125	680	17	72	<	3	0.02	1.31	0.57	4.22	0.55	0.23	0.02	0.22
8E S 0208	L	<	0.4	38	9	111	11	<	135	3	<	<	1.1	6	23	361	<	28	98	161	14	32	<	1	0.02	1.30	0.24	2.07	0.39	0.07	0.02	0.09
8E S 0209	L	<	1.1	34	10	67	12	<	135	4	<	<	0.4	4	20	427	<	26	94	145	12	49	<	<	0.01	1.19	0.41	1.86	0.39	0.06	0.02	0.08
8E S 0210	L	<	0.7	69	29	356	84	8	190	10	<	<	2.3	12	61	367	<	37	157	644	19	66	<	2	0.03	1.62	0.71	3.15	0.79	0.17	0.02	0.16
8E S 0211	L	6	0.7	67	16	612	23	<	225	7	<	<	9.6	11	88	302	<	31	119	544	17	68	<	2	0.02	1.35	0.90	2.80	0.51	0.12	0.02	0.14
8E S 0212	L	26	0.6	146	14	930	18	6	170	20	<	<	6.5	22	113	674	<	58	232	1210	19	71	<	4	0.02	1.48	0.49	6.51	0.54	0.34	0.02	0.21
8E S 0213	L	<	<	35	11	315	12	<	105	2	<	<	2.9	9	49	247	<	27	68	224	17	44	<	3	0.05	1.34	0.54	2.16	0.51	0.08	0.03	0.10
10B S 0412	L	<	<	21	9	84	14	<	125	1	<	<	0.5	11	22	707	<	28	51	870	14	45	<	2	0.01	1.96	0.74	2.45	0.45	0.07	0.02	0.11
10B S 0413	L	<	<	46	13	138	6	<	220	4	<	<	0.2	11	33	727	<	26	50	617	13	53	<	3	0.01	1.41	0.51	3.30	0.32	0.10	0.02	0.13
10B S 0414	L	<	<	21	11	92	9	<	125	1	<	<	1.2	8	20	453	<	24	35	349	13	45	<	2	0.01	1.56	0.71	2.00	0.46	0.06	0.02	0.08
10B S 0415	L	<	<	32	14	113	6	<	85	2	<	<	0.3	14	31	515	<	27	43	1313	14	48	1	3	0.01	1.70	0.70	3.15	0.77	0.11	0.02	0.12
10B S 0416	L	<	<	20	9	75	5	<	125	1	<	<	<	7	18	424	<	21	33	295	11	42	<	2	0.01	1.35	0.69	1.89	0.41	0.05	0.02	0.08
10B S 0417	L	46	<	22	10	85	9	<	135	1	<	<	0.3	8	20	461	<	22	37	422	13	53	<	2	0.01	1.45	0.93	1.94	0.43	0.06	0.02	0.09
10B S 0418	L	<	<	18	10	80	6	<	155	1	<	<	0.3	8	18	409	<	21	36	352	15	43	<	2	0.02	1.34	0.69	1.92	0.42	0.07	0.02	0.08
10B S 0419	L	<	<	22	9	90	10	<	145	1	<	<	0.5	9	21	465	<	23	38	464	13	51	<	2	0.01	1.57	0.85	2.07	0.47	0.06	0.02	0.09
10B S 0420	L	<	<	18	10	93	8	<	105	1	<	<	0.3	10	20	378	<	21	35	429	14	46	<	2	0.02	1.45	0.81	1.96	0.46	0.09	0.02	0.08
10B S 0421	L	<	<	22	8	103	10	<	115	1	<	<	0.6	10	24	459	<	24	38	436	17	59	<	3	0.02	1.61	1.10	2.19	0.54	0.10	0.02	0.09
10B S 0422	L	12	<	22	6	85	9	<	105	1	<	<	0.3	10	22	411	<	23	34	199	15	60	1	3	0.02	1.49	1.18	1.98	0.51	0.09	0.02	0.09
10B S 0423	L	<	<	20	9	76	<	<	85	1	<	<	0.4	9	20	354	<	21	33	296	15	42	1	3	0.02	1.34	0.75	2.00	0.51	0.08	0.02	0.08
10B S 0424	L	<	<	26	8	85	6	<	80	1	<	<	0.6	10	24	412	<	24	34	350	19	45	1	4	0.02	1.53	0.77	2.30	0.66	0.09	0.02	0.08
10B S 0425	L	<	<	35	13	93	61	<	55	1	<	<	0.1	12	28	530	<	25	40	609	18	65	1	3	0.01	1.51	1.39	3.22	0.79	0.15	0.02	0.09
10B S 0426	L	<	<	20	8	80	<	<	65	1	<	<	0.3	9	22	361	<	21	32	295	15	41	1	3	0.02	1.33	0.69	2.19	0.59	0.08	0.02	0.08
Min Limit		5	0.1	1	2	1	5	5	5	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*		9999	99.9	20000	20000	20000	9999	999	9999	999	999	9999	99.9	9999	9999	9999	999	9999	9999	9999	9999	9999	9999	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method		GeoS	ICP	ICP	ICP	ICP	ICP	ICP	CVA	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample L=Silt R=Rock

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CERTIFICATE OF ANALYSIS
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Client : Nicholson & Associates
Project: Norex

510 Samples
509=Silt 1=Rock

[093117:12:16:79100297]

Out: Oct 02, 1997
In : Sep 17, 1997

Sample Name		Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppb	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
10B S 0427	L	<	<	20	5	80	22	<	60	1	<	<	0.5	10	22	404	<	22	29	354	15	54	1	3	0.02	1.43	0.99	2.22	0.61	0.09	0.02	0.08
10B S 0428	L	6	<	14	9	67	<	<	55	<	<	<	<	7	19	298	<	18	29	267	13	35	1	2	0.02	1.15	0.60	1.72	0.45	0.06	0.02	0.07
10B S 0429	L	<	<	19	11	83	<	<	90	1	<	<	0.1	9	21	361	<	22	27	290	14	55	1	3	0.01	1.41	1.02	1.90	0.54	0.08	0.02	0.08
10B S 0430	L	<	<	24	12	82	7	<	105	1	<	<	0.3	8	20	302	<	23	29	357	13	62	1	3	0.02	1.43	1.17	1.88	0.54	0.09	0.02	0.09
10B S 0431	L	<	<	31	12	103	6	<	60	1	<	<	<	15	29	547	<	27	43	762	17	52	1	3	0.01	1.61	0.76	3.52	0.78	0.19	0.02	0.11
10B S 0432	L	<	<	46	11	91	6	<	100	2	<	<	<	13	27	752	<	26	45	560	17	60	1	4	0.02	1.44	0.80	3.01	0.59	0.17	0.02	0.12
10B S 0433	L	<	<	20	6	72	<	<	85	<	<	<	0.1	8	17	292	<	20	30	321	12	49	1	3	0.02	1.26	0.87	1.71	0.47	0.07	0.02	0.07
10B S 0434	L	<	<	21	10	76	<	<	85	1	<	<	0.2	8	20	301	<	22	30	374	13	50	1	3	0.02	1.28	0.91	1.77	0.49	0.07	0.02	0.08
10B S 0435	L	<	<	22	9	85	8	<	95	1	<	<	0.3	9	21	321	<	22	29	344	14	58	1	3	0.02	1.39	1.09	1.86	0.55	0.08	0.02	0.09
10B S 0436	L	<	<	19	7	77	5	<	70	<	<	<	0.3	8	20	296	<	22	28	145	14	50	1	3	0.02	1.37	0.91	1.66	0.53	0.08	0.02	0.08
10B S 0437	L	<	<	35	9	93	<	<	60	2	<	<	<	13	25	488	<	22	42	585	15	53	1	4	0.02	1.25	0.78	3.43	0.63	0.10	0.02	0.11
10B S 0438	L	<	<	20	5	70	5	<	60	<	<	<	0.2	8	19	320	<	20	31	297	12	52	1	3	0.02	1.24	0.95	1.86	0.51	0.06	0.02	0.07
10B S 0439	L	<	<	15	5	69	<	<	125	1	<	<	<	8	17	287	<	19	31	222	14	39	1	2	0.02	1.12	0.65	1.92	0.50	0.07	0.02	0.08
10B S 0440	L	<	<	17	7	74	<	<	60	<	<	<	0.4	9	18	318	<	20	33	370	13	45	1	3	0.02	1.23	0.76	2.03	0.54	0.07	0.02	0.08
10B S 0441	L	24	<	14	7	69	6	<	85	1	<	<	0.2	8	18	311	<	20	33	245	14	44	1	3	0.03	1.25	0.72	1.74	0.51	0.07	0.02	0.08
10B S 0442	L	8	<	18	8	75	<	<	55	<	<	<	0.2	8	20	335	<	22	33	287	14	52	1	3	0.03	1.36	0.90	1.84	0.55	0.09	0.02	0.08
10B S 0443	L	16	<	27	8	87	<	<	25	1	<	<	0.6	11	27	377	<	27	56	301	17	41	2	3	0.07	1.20	0.66	2.48	0.57	0.08	0.03	0.10
10B S 0444	L	<	<	26	7	81	<	<	25	1	<	<	0.5	10	24	364	<	24	48	321	14	42	3	3	0.06	1.05	0.91	2.25	0.64	0.08	0.03	0.09
10B S 0445	L	6	<	25	8	78	5	<	30	1	<	<	0.3	9	23	294	<	21	41	364	11	41	2	3	0.05	1.04	0.89	2.12	0.62	0.06	0.03	0.08
10B S 0446	L	14	<	24	7	76	<	<	20	2	<	<	0.5	9	24	391	<	25	51	223	16	39	3	3	0.07	0.99	0.86	2.38	0.62	0.07	0.03	0.10
10B S 0447	L	<	<	23	7	70	<	<	35	1	<	<	0.1	8	21	273	<	20	37	253	11	37	2	3	0.05	0.97	0.78	1.94	0.55	0.06	0.03	0.08
10B S 0448	L	<	<	26	6	85	<	<	25	2	<	<	0.5	10	25	347	<	24	46	398	12	45	3	3	0.06	1.11	1.02	2.38	0.68	0.06	0.03	0.09
10B S 0449	L	<	<	22	10	80	<	<	25	1	<	<	0.6	10	24	341	<	25	47	363	13	42	2	3	0.06	1.13	0.81	2.31	0.61	0.07	0.03	0.09
10B S 0450	L	<	<	18	10	63	<	<	25	1	<	<	<	8	20	313	<	22	42	235	14	37	2	3	0.06	1.01	0.72	1.93	0.51	0.06	0.03	0.09
10B S 0451	L	<	<	19	9	69	5	<	25	<	<	<	0.5	9	22	289	<	23	44	245	15	38	3	3	0.06	1.13	0.65	2.01	0.50	0.07	0.03	0.09
10B S 0452	L	<	<	31	10	95	9	<	65	1	<	<	0.8	13	29	473	<	29	54	381	16	33	1	4	0.05	1.58	0.41	2.67	0.52	0.07	0.03	0.07
11E S 0028	L	<	0.4	54	12	511	8	<	330	6	<	<	2.9	7	46	246	<	23	116	361	14	106	1	2	0.02	1.21	1.17	1.85	0.53	0.09	0.02	0.10
11E S 0029	L	<	<	41	15	373	13	<	155	3	<	<	2.7	8	36	319	<	27	70	375	17	78	1	3	0.02	1.54	1.11	2.05	0.76	0.11	0.02	0.11
11E S 0030	L	10	0.5	39	18	250	19	<	205	4	<	<	1.8	9	36	304	<	26	71	317	17	71	1	3	0.04	1.48	0.96	2.26	0.74	0.09	0.03	0.09
11E S 0031	L	20	0.5	47	10	272	10	<	365	2	<	<	2.3	7	42	322	<	25	56	293	16	87	1	2	0.03	1.33	1.13	1.89	0.65	0.08	0.02	0.10
11E S 0032	L	<	0.3	37	14	190	6	<	215	1	<	<	1.2	7	33	230	<	23	50	224	14	66	1	2	0.03	1.14	0.93	1.73	0.61	0.08	0.02	0.09
11E S 0033	L	18	1.4	127	18	198	<	<	600	3	<	<	5.1	10	65	514	<	20	90	916	11	104	1	2	<	1.09	1.68	2.47	0.30	0.07	0.02	0.16
11E S 0034	L	20	1.6	109	20	187	<	<	825	4	<	<	5.2	8	54	505	<	24	97	471	10	91	<	2	<	1.10	1.18	2.58	0.28	0.08	0.02	0.15
11E S 0035	L	12	<	120	8	136	<	<	200	3	<	<	2.5	6	38	478	<	103	47	430	4	55	<	2	<	0.45	0.37	1.81	0.10	0.15	0.02	0.10
11E S 0036	L	8	0.6	59	13	231	10	<	410	2	<	<	2.0	8	46	371	<	26	64	259	15	76	1	3	0.03	1.31	1.21	1.85	0.62	0.12	0.02	0.11
11E S 0037	L	<	0.1	27	13	120	15	<	160	2	<	<	0.9	8	25	245	<	26	50	469	12	72	1	2	0.04	1.28	1.07	1.84	0.60	0.07	0.03	0.08
11E S 0038	L	8	0.4	58	11	210	10	<	325	3	<	<	3.3	10	54	310	<	27	74	933	14	84	1	3	0.03	1.27	1.14	2.37	0.57	0.11	0.03	0.12
11E S 0039	L	6	0.5	57	11	163	8	<	450	2	<	<	2.2	7	39	246	<	23	56	543	11	79	1	2	0.02	1.10	1.29	1.86	0.53	0.08	0.02	0.10
11E S 0040	L	<	0.4	52	11	141	<	<	410	1	<	<	2.1	7	36	236	<	21	51	428	9	89	1	2	0.02	1.02	1.65	1.68	0.52	0.06	0.02	0.10
Min Limit		5	0.1	1	2	1	5	5	5	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*		9999	99.9	20000	20000	20000	9999	999	9999	999	999	9999	99.9	9999	9999	9999	999	9999	9999	9999	9999	9999	9999	9999	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method		GeoS	ICP	ICP	ICP	ICP	ICP	ICP	CVA	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Out: Oct 02, 1997
In : Sep 17, 1997

Sample Name		Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppb	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
11E S 0041	L	8	<	35	7	90	<	<	105	1	<	<	0.4	8	23	170	<	21	34	313	9	48	1	3	0.03	1.05	0.72	1.79	0.45	0.06	0.02	0.07
11E S 0042	L	<	<	24	6	85	<	<	100	1	<	<	0.5	8	24	140	<	20	35	364	10	48	1	3	0.03	1.01	0.74	1.79	0.45	0.06	0.02	0.07
11E S 0043	L	<	<	30	8	110	6	<	135	1	<	<	0.7	9	29	175	<	23	38	524	10	64	2	3	0.03	1.17	1.03	1.96	0.53	0.08	0.02	0.07
11E S 0044	L	<	<	39	11	140	6	<	250	2	<	<	1.1	8	32	230	<	22	59	306	11	58	1	2	0.03	1.01	0.78	1.83	0.44	0.08	0.02	0.10
11E S 0045	L	16	0.4	43	12	144	7	<	510	3	<	<	1.0	8	35	312	<	28	85	310	14	73	1	3	0.03	1.08	0.87	1.94	0.46	0.11	0.02	0.10
11E S 0046	L	6	0.3	39	13	144	56	<	195	3	<	<	1.2	9	27	485	<	31	84	421	21	81	1	3	0.04	1.83	0.93	2.24	0.77	0.13	0.03	0.09
11E S 0047	L	<	<	32	12	132	36	<	245	3	<	<	1.0	7	27	361	<	25	69	379	17	86	1	3	0.03	1.46	0.97	1.87	0.68	0.12	0.02	0.08
11E S 0048	L	<	<	29	13	128	29	<	175	2	<	<	0.8	8	26	407	<	26	66	364	18	89	1	3	0.03	1.49	1.01	1.90	0.71	0.11	0.02	0.08
11E S 0049	L	56	<	34	10	123	<	<	435	2	<	<	1.1	7	31	236	<	21	59	368	12	60	1	2	0.03	0.90	0.80	1.71	0.40	0.08	0.02	0.09
11E S 0050	L	<	<	23	8	69	<	<	110	2	<	<	0.4	7	17	192	<	20	55	505	12	23	<	2	0.04	0.89	0.25	2.01	0.37	0.05	0.02	0.07
11E S 0051	L	<	0.1	41	11	145	9	<	280	2	<	<	1.1	8	34	232	<	21	58	362	12	62	1	2	0.03	0.98	0.98	1.79	0.45	0.07	0.02	0.09
11E S 0052	L	<	<	43	13	189	13	<	255	3	<	<	1.7	10	39	306	<	24	84	558	15	70	1	3	0.02	1.12	0.85	2.35	0.50	0.10	0.02	0.12
11E S 0053	L	<	0.5	50	10	159	6	<	375	2	<	<	1.5	9	39	240	<	22	66	677	12	78	1	2	0.02	1.01	1.37	1.92	0.49	0.08	0.02	0.10
11E S 0054	L	<	0.3	82	12	240	<	<	245	5	<	<	2.0	11	47	302	<	30	101	305	13	46	3	4	0.05	1.32	0.41	2.87	0.50	0.09	0.04	0.10
11E S 0055	L	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11E S 0056	L	26	1.4	73	10	157	<	<	525	4	<	<	0.5	15	45	1267	<	44	114	718	16	95	1	6	0.01	1.54	1.24	3.36	0.53	0.13	0.02	0.13
11E S 0057	L	24	1.4	76	10	157	7	<	530	3	<	<	0.4	15	45	1305	<	44	113	720	16	100	1	6	0.01	1.56	1.29	3.39	0.54	0.12	0.02	0.14
11E S 0058	L	26	1.4	74	11	153	<	<	535	3	<	<	0.2	14	42	1179	<	43	111	692	16	96	1	6	0.01	1.51	1.23	3.36	0.52	0.12	0.02	0.13
11E S 0059	L	22	1.3	69	9	146	<	<	505	3	<	<	0.3	14	41	1219	<	40	105	674	14	90	1	5	0.01	1.41	1.14	3.18	0.50	0.11	0.03	0.13
11E S 0060	L	24	1.4	74	10	151	<	<	525	4	<	<	0.4	14	43	1181	<	41	109	715	15	97	1	6	0.01	1.45	1.24	3.30	0.51	0.11	0.02	0.13
11E S 0061	L	10	1.2	69	10	262	10	<	490	8	<	<	3.7	13	42	745	<	30	218	765	13	70	1	3	0.01	1.03	0.80	2.08	0.36	0.10	0.02	0.13
11E S 0062	L	<	<	34	5	111	<	<	150	2	<	<	1.9	9	32	397	<	19	44	378	10	48	3	3	0.04	0.85	0.76	2.00	0.58	0.09	0.03	0.09
11E S 0063	L	<	0.7	58	13	185	7	<	365	5	<	<	2.6	9	37	1045	<	27	120	411	11	92	<	3	0.02	0.95	0.58	2.16	0.30	0.14	0.02	0.16
11E S 0064	L	6	0.2	59	7	177	<	<	220	2	<	<	2.1	9	43	516	<	22	63	341	11	66	2	4	0.03	1.14	0.94	2.08	0.44	0.11	0.03	0.09
11E S 0065	L	<	0.2	58	11	210	<	<	240	3	<	<	2.7	10	47	588	<	22	69	375	11	68	2	4	0.03	1.14	0.80	2.33	0.43	0.13	0.03	0.10
11E S 0066	L	<	0.1	51	10	174	<	<	250	4	<	<	1.9	9	43	587	<	20	65	340	11	63	2	3	0.03	1.00	0.68	2.30	0.37	0.11	0.02	0.10
11E S 0067	L	<	0.6	76	11	231	<	<	370	4	<	<	3.5	11	51	731	<	26	90	470	12	85	1	4	0.02	1.12	1.14	2.31	0.43	0.12	0.02	0.13
11E S 0068	L	16	<	43	6	178	<	<	210	4	<	<	1.5	8	34	508	<	21	79	290	11	56	1	3	0.03	0.91	0.60	1.95	0.34	0.10	0.02	0.11
11E S 0069	L	8	<	31	4	143	<	<	130	1	<	<	1.2	7	41	372	<	18	49	273	10	49	1	3	0.03	0.93	0.70	1.71	0.39	0.07	0.03	0.08
11E S 0070	L	6	<	27	8	80	7	<	135	2	<	<	0.5	8	23	418	<	20	60	317	10	42	1	3	0.03	0.96	0.44	1.84	0.37	0.06	0.03	0.09
11E S 0071	L	<	<	13	5	61	<	<	55	1	<	<	0.3	7	21	231	<	18	41	213	12	28	1	2	0.04	0.90	0.39	1.56	0.38	0.04	0.03	0.06
11E S 0072	L	8	<	29	7	137	<	<	150	2	<	<	1.1	7	32	369	<	19	54	269	11	45	1	3	0.04	0.93	0.58	1.79	0.39	0.08	0.03	0.09
11E S 0073	L	<	0.1	47	9	170	9	<	240	3	<	<	2.0	12	44	501	<	25	77	661	12	60	<	3	0.03	1.11	0.75	2.16	0.43	0.10	0.02	0.11
11E S 0074	L	<	<	34	9	130	5	<	135	2	<	<	1.3	9	33	430	<	23	63	335	14	48	1	3	0.05	1.05	0.63	2.14	0.47	0.10	0.03	0.10
11E S 0074 A	L	<	<	36	9	145	5	<	160	2	<	<	1.5	10	36	437	<	22	63	399	12	50	1	3	0.04	1.09	0.66	2.17	0.48	0.10	0.03	0.10
11E S 0075	L	<	<	39	7	138	<	<	145	3	<	<	1.2	9	33	445	<	22	65	387	13	50	1	3	0.04	0.98	0.61	2.21	0.45	0.10	0.03	0.11
16E S 0126	L	<	0.3	15	9	65	7	<	95	1	<	<	0.2	4	17	214	<	25	59	105	12	23	<	<	0.01	1.16	0.15	1.66	0.36	0.05	0.02	0.07
16E S 0127	L	<	<	15	6	57	7	<	115	1	<	<	0.2	4	15	207	<	22	46	111	11	21	<	<	0.01	0.96	0.15	1.37	0.30	0.05	0.02	0.05
16E S 0128	L	<	<	17	10	73	13	<	95	2	<	<	0.2	4	18	199	<	27	67	130	12	22	<	1	0.02	1.24	0.14	1.87	0.39	0.05	0.02	0.07
Min Limit		5	0.1	1	2	1	5	5	5	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*		9999	99.9	20000	20000	20000	9999	999	9999	999	999	9999	99.9	9999	9999	9999	999	9999	9999	9999	9999	9999	9999	9999	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method		GeoS	ICP	ICP	ICP	ICP	ICP	ICP	CVA	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No SampleL=Silt R=Rock

INTERNATIONAL PLASMA LABORATORY LTD.

CERTIFICATE OF ANALYSIS
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Client : Nicholson & Associates
Project: Norex

510 Samples
509=Silt 1=Rock

[093117:12:16:79100297]

Out: Oct 02, 1997
In : Sep 17, 1997

Sample Name		Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppb	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
16E S 0129	L	<	0.3	22	9	135	15	<	120	2	<	<	1.3	11	37	273	<	22	105	912	12	60	<	<	0.01	1.26	0.69	1.80	0.40	0.08	0.02	0.11
16E S 0130	L	<	<	20	10	120	14	<	110	3	<	<	0.8	6	24	266	<	24	74	369	11	50	<	<	0.01	1.20	0.63	1.86	0.43	0.06	0.02	0.12
16E S 0132	L	<	0.3	29	9	168	10	<	155	3	<	<	1.8	7	37	289	<	22	76	560	10	65	<	1	0.01	1.15	0.78	1.81	0.41	0.04	0.02	0.11
16E S 0133	L	<	0.3	25	12	106	5	<	190	4	<	<	1.0	4	23	282	<	22	68	105	12	43	<	1	0.01	0.79	0.29	1.47	0.25	0.06	0.02	0.08
16E S 0134	L	<	0.4	40	10	243	10	<	185	3	<	<	3.0	8	56	302	<	24	85	481	11	78	<	1	0.02	1.11	0.97	1.92	0.44	0.07	0.02	0.14
16E S 0135	L	<	0.2	38	13	148	10	<	190	4	<	<	1.2	8	43	279	<	24	93	353	11	64	<	2	0.02	0.96	0.60	1.89	0.33	0.07	0.02	0.13
16E S 0136	L	<	<	25	6	149	<	<	170	1	<	<	1.8	6	36	229	<	18	51	180	8	85	<	1	0.02	0.81	1.32	1.48	0.40	0.04	0.03	0.11
16E S 0137	L	<	0.2	38	11	264	9	<	135	2	<	<	3.4	8	56	315	<	23	81	426	11	81	<	1	0.02	1.03	0.98	1.91	0.41	0.06	0.02	0.15
16E S 0137 A	L	<	<	34	11	218	5	<	155	3	<	<	2.7	7	45	271	<	21	73	398	10	69	<	1	0.01	0.91	0.79	1.69	0.35	0.05	0.02	0.12
16E S 0138	L	<	<	21	7	78	8	<	210	3	<	<	0.4	6	20	261	<	21	58	176	9	25	<	2	0.03	1.06	0.21	1.80	0.36	0.03	0.02	0.07
16E S 0139	L	<	<	23	8	84	6	<	245	3	<	<	0.4	7	22	286	<	23	66	191	10	27	<	2	0.03	1.15	0.22	1.93	0.39	0.03	0.02	0.06
16E S 0140	L	<	<	22	9	85	9	<	205	2	<	<	0.5	7	22	290	<	23	66	190	11	27	<	2	0.03	1.18	0.24	1.96	0.40	0.04	0.02	0.07
16E S 0141	L	<	<	22	11	86	8	<	200	2	<	<	0.4	7	22	280	<	24	66	191	11	27	<	2	0.04	1.19	0.23	1.97	0.40	0.04	0.02	0.07
16E S 0142	L	12	<	31	9	201	5	<	190	2	<	<	1.5	8	37	269	<	21	72	327	12	55	<	2	0.02	0.96	0.64	1.70	0.38	0.06	0.02	0.10
16E S 0143	L	6	0.8	37	11	219	7	<	265	3	<	<	2.2	8	40	292	<	23	87	378	11	60	1	2	0.02	1.05	0.77	1.84	0.42	0.05	0.02	0.11
16E S 0145	L	<	<	22	11	128	5	<	115	2	<	<	0.7	9	26	246	<	22	47	390	13	39	1	2	0.03	1.18	0.55	1.83	0.48	0.06	0.02	0.06
16E S 0146	L	<	0.6	40	13	292	10	<	250	4	<	<	2.9	9	48	316	<	25	92	485	12	73	<	2	0.02	1.13	0.88	2.14	0.46	0.07	0.02	0.12
16E S 0191	L	8	<	26	<	59	<	<	280	2	<	<	0.2	4	15	374	<	16	36	96	9	30	<	2	0.02	0.79	0.25	1.27	0.32	0.06	0.02	0.08
16E S 0192	L	12	<	30	3	63	<	<	265	2	<	<	0.1	5	16	450	<	17	37	145	8	32	<	2	0.02	0.86	0.26	1.35	0.34	0.06	0.02	0.09
16E S 0193	L	24	0.2	33	7	66	<	<	310	2	<	<	0.3	5	17	452	<	18	39	124	10	34	<	2	0.02	0.87	0.27	1.40	0.35	0.07	0.02	0.09
16E S 0194	L	10	<	43	7	116	6	<	250	3	<	<	0.9	13	26	943	<	24	59	460	11	47	1	3	0.01	1.22	0.55	1.90	0.49	0.11	0.02	0.11
16E S 0196	L	<	<	22	5	83	<	<	85	2	<	<	0.9	12	25	863	<	27	51	438	13	40	1	3	0.04	1.03	0.55	2.30	0.55	0.07	0.03	0.10
16E S 0197	L	<	<	31	5	104	<	<	145	2	<	<	1.0	11	27	938	<	26	54	392	12	44	1	3	0.02	1.14	0.55	2.20	0.51	0.08	0.03	0.10
16E S 0198	L	6	<	40	6	125	<	<	205	3	<	<	0.9	12	29	1214	<	28	65	353	12	49	1	3	0.02	1.25	0.57	2.30	0.53	0.10	0.02	0.11
16E S 0199	L	6	<	94	9	210	7	<	175	5	<	<	0.8	18	50	1577	<	36	101	531	12	82	1	4	0.01	1.61	0.63	3.70	0.64	0.25	0.02	0.19
16E S 0200	L	8	<	47	9	132	7	<	235	2	<	<	1.5	14	33	1100	<	28	59	624	13	55	1	4	0.02	1.32	0.68	2.45	0.58	0.08	0.03	0.11
16E S 0201	L	<	<	56	8	104	5	<	175	2	<	<	1.0	12	33	671	<	31	58	311	15	41	2	5	0.04	1.21	0.56	2.76	0.62	0.08	0.03	0.11
16E S 0202	L	<	<	63	8	157	5	<	280	2	<	<	2.7	13	39	864	<	28	60	801	12	66	1	4	0.02	1.29	0.72	2.71	0.62	0.07	0.02	0.11
16E S 0203	L	6	0.5	44	11	100	<	<	425	2	<	<	0.9	13	27	828	<	28	66	460	11	98	2	4	0.01	1.28	1.05	2.62	0.53	0.07	0.02	0.10
18E S 0100	L	<	0.3	32	9	232	7	<	145	3	<	<	2.0	7	36	287	<	20	70	227	10	47	<	2	0.02	1.07	0.57	1.64	0.37	0.06	0.02	0.12
18E S 0101	L	<	0.1	39	6	155	6	<	200	4	<	<	1.7	10	30	483	<	22	87	648	11	43	<	2	0.02	0.97	0.43	1.90	0.33	0.05	0.02	0.11
18E S 0102	L	<	0.4	46	10	244	9	<	215	4	<	<	2.4	8	42	335	<	22	85	417	11	58	<	2	0.02	1.07	0.73	1.81	0.38	0.07	0.02	0.13
18E S 0103	L	<	0.4	41	6	220	5	<	205	3	<	<	1.9	7	37	297	<	20	76	361	10	51	<	2	0.02	0.99	0.63	1.68	0.35	0.06	0.02	0.12
18E S 0106	L	<	0.3	44	7	243	<	<	225	3	<	<	2.0	7	37	311	<	20	81	328	10	58	<	2	0.02	0.97	0.63	1.76	0.34	0.07	0.02	0.12
18E S 0107	L	8	0.4	51	8	236	5	<	250	4	<	<	2.5	9	41	259	<	20	76	364	10	69	1	3	0.02	0.97	0.74	1.86	0.36	0.07	0.02	0.11
18E S 0109	L	10	<	24	9	65	<	<	40	3	<	<	0.7	6	20	135	<	20	58	195	9	24	1	2	0.04	0.76	0.12	2.05	0.31	0.05	0.02	0.06
18E S 0110	L	<	0.4	53	8	295	6	<	270	5	<	<	3.5	9	54	322	<	20	83	444	10	69	1	2	0.02	0.98	0.66	2.06	0.34	0.08	0.02	0.13
18E S 0111	L	<	0.5	55	10	331	7	<	305	7	<	<	4.4	9	57	349	<	20	91	451	9	74	1	3	0.02	0.98	0.71	2.14	0.35	0.08	0.02	0.12
18E S 0112	L	<	0.4	51	7	320	6	<	310	6	<	<	4.3	8	52	321	<	19	84	436	9	70	1	2	0.02	0.92	0.67	2.01	0.34	0.09	0.03	0.13
Min Limit		5	0.1	1	2	1	5	5	5	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*		9999	99.9	20000	20000	20000	9999	999	9999	999	999	9999	99.9	9999	9999	9999	999	9999	9999	9999	9999	9999	9999	9999	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method		GeoS	ICP	ICP	ICP	ICP	ICP	ICP	CVA	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No SampleL=Silt R=Rock

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Client : Nicholson & Associates
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509=Silt 1=Rock

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Out: Oct 02, 1997
In : Sep 17, 1997

Sample Name		Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppb	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
18E S 0115	L	<	0.4	48	7	287	<	<	75	4	<	<	3.5	8	45	298	<	18	70	379	9	63	<	2	0.02	0.91	0.68	1.87	0.35	0.07	0.02	0.11
18E S 0116	L	<	0.3	66	9	367	<	<	35	5	<	<	3.0	9	57	591	<	20	82	268	9	58	1	3	0.02	0.97	0.53	2.11	0.40	0.06	0.02	0.10
18E S 0117	L	<	<	50	6	275	<	<	20	5	<	<	3.2	8	43	295	<	18	70	354	9	57	1	2	0.02	0.86	0.61	1.96	0.34	0.07	0.02	0.12
18E S 0120	L	<	<	19	7	117	<	<	45	2	<	<	0.8	6	21	252	<	21	57	151	11	33	2	2	0.04	0.71	0.42	1.83	0.39	0.05	0.03	0.12
18E S 0121	L	<	<	23	4	170	<	<	55	3	<	<	1.0	8	27	318	<	20	50	317	9	40	1	2	0.03	0.90	0.59	2.03	0.47	0.04	0.03	0.10
E-7 0218	L	<	<	20	15	103	6	<	35	3	<	<	0.7	6	25	108	<	21	82	331	8	10	<	1	0.02	1.14	0.05	2.68	0.21	0.03	0.02	0.05
3ESS 0180	L	<	8.7	119	6796	105	56	0.2%	65	2	<	<	0.9	18	27	198	<	21	137	690	33	28	<	10	<	0.81	0.12	6.02	0.10	0.07	0.02	0.20
5ESS 0411	L	<	<	13	65	54	<	19	70	2	<	<	0.8	5	9	242	<	16	63	368	7	8	<	1	0.04	0.78	0.10	2.23	0.16	0.04	0.02	0.06
5ESS 0412	L	12	<	46	27	53	7	5	10	1	<	<	0.2	6	15	552	<	19	39	252	15	32	<	1	0.01	1.12	0.25	1.90	0.25	0.02	0.02	0.09
5ESS 0416	L	<	2.6	7	20	49	12	<	100	6	<	<	0.2	4	11	255	<	27	147	183	8	14	<	1	0.03	1.61	0.09	3.43	0.27	0.01	0.02	0.17
5ESS 0417	L	10	2.1	67	13	64	10	<	355	5	<	<	2.0	6	21	800	<	21	88	153	10	34	1	3	0.02	1.02	0.15	1.81	0.21	0.05	0.02	0.13
10-B SS 0408	L	<	<	17	11	66	15	<	30	2	<	<	0.5	9	19	187	<	26	48	356	11	13	<	1	0.02	1.67	0.12	2.62	0.46	0.02	0.02	0.08
10-B SS 0409	L	<	<	19	13	81	18	<	70	2	<	<	0.9	13	21	436	<	25	45	1132	10	29	<	1	0.01	1.70	0.42	2.40	0.44	0.04	0.02	0.09
10-B SS 0410	L	<	<	19	9	71	10	<	95	1	<	<	0.3	8	18	561	<	20	36	590	10	34	1	1	<	1.43	0.77	1.94	0.35	0.03	0.02	0.09
10-B SS 0411	L	<	<	18	9	80	9	<	90	2	<	<	0.7	7	18	490	<	23	39	371	10	28	<	1	<	1.53	0.43	2.15	0.40	0.04	0.02	0.09
11 ESS 0026	L	<	0.3	20	6	90	<	<	100	1	<	<	2.1	4	10	515	<	15	20	210	6	149	2	1	0.01	0.69	2.77	0.80	0.61	0.04	0.02	0.11
11 ESS 0027	L	<	<	35	13	135	7	<	115	2	<	<	1.6	8	20	515	<	21	38	497	15	100	2	2	0.01	1.04	1.69	2.02	0.76	0.11	0.02	0.11
14 ESS 0008	L	<	<	17	8	86	8	<	55	2	<	<	0.6	8	19	371	<	24	36	524	9	20	1	2	<	1.68	0.25	2.46	0.49	0.04	0.02	0.11
16 ESS 0117	L	<	<	26	51	62	<	26	45	3	<	<	2.0	3	17	259	<	18	36	131	5	23	<	<	<	0.51	0.12	1.23	0.05	0.04	0.03	0.07
16 ESS 0118	L	<	<	27	16	69	<	5	40	4	<	<	1.5	4	16	253	<	15	46	85	6	23	<	<	<	0.51	0.11	1.39	0.05	0.06	0.02	0.06
16 ESS 0119	L	<	<	38	9	127	5	<	70	5	<	<	2.4	4	24	549	<	19	34	112	7	21	<	<	0.01	0.55	0.08	1.28	0.05	0.05	0.03	0.05
16 ESS 0120	L	<	<	52	11	122	<	<	30	2	<	<	0.6	14	44	236	<	26	48	567	14	20	1	3	0.04	1.12	0.19	3.19	0.35	0.06	0.02	0.08
16 ESS 0121	L	8	<	48	13	116	<	<	25	2	<	<	0.5	13	42	207	<	26	50	515	16	21	1	3	0.05	1.10	0.20	3.11	0.36	0.07	0.02	0.08
16 ESS 0122	L	14	<	16	8	53	9	<	40	2	<	<	0.2	4	13	138	<	22	62	118	9	17	<	<	<	0.92	0.09	1.63	0.28	0.03	0.02	0.05
16 ESS 0123	L	<	<	20	10	61	13	<	60	3	<	<	1.0	5	17	153	<	26	70	112	10	19	<	1	<	1.21	0.08	2.01	0.32	0.04	0.02	0.07
16 ESS 0124	L	<	<	17	11	55	12	<	65	3	<	<	0.6	4	15	139	<	24	66	96	10	18	<	<	<	1.07	0.08	1.85	0.31	0.04	0.02	0.06
16 ESS 0125	L	<	<	19	7	48	8	<	60	2	<	<	0.7	4	17	141	<	18	39	104	8	16	<	1	0.02	0.86	0.12	1.47	0.33	0.02	0.02	0.05
16 ESS 0131	L	<	0.4	27	16	143	12	<	130	3	<	<	2.0	11	33	392	<	24	78	911	13	62	<	1	0.01	1.36	0.71	1.97	0.41	0.06	0.02	0.11
16 ESS 0144	L	<	<	33	9	65	8	<	45	2	<	<	0.6	10	25	123	<	25	44	268	10	11	<	3	0.03	1.38	0.10	2.68	0.43	0.19	0.02	0.02
18 ESS 0095	L	<	0.4	27	11	130	14	<	105	5	<	<	1.9	5	23	248	<	31	122	244	9	46	<	<	<	1.18	0.14	2.00	0.34	0.07	0.02	0.12
18 ESS 0096	L	<	0.5	28	4	162	15	<	85	7	<	<	1.6	10	26	338	<	27	108	817	11	30	<	<	0.01	1.34	0.28	2.03	0.38	0.04	0.02	0.11
18 ESS 0097	L	<	<	27	8	77	<	<	25	3	<	<	0.1	5	18	190	<	16	48	151	10	15	<	1	0.03	0.69	0.05	1.69	0.11	0.07	0.02	0.03
18 ESS 0098	L	16	<	35	22	75	11	<	90	3	<	<	1.1	5	23	295	<	26	75	164	9	39	<	1	0.01	0.94	0.12	2.13	0.29	0.08	0.02	0.06
18 ESS 0099	L	6	1.0	46	8	252	12	<	260	5	<	<	2.7	9	42	447	<	26	106	498	11	68	<	2	0.02	1.22	0.73	2.09	0.38	0.08	0.02	0.14
18 ESS 0104	L	18	0.3	101	13	335	<	<	75	9	<	<	1.0	18	79	453	<	25	62	772	5	41	<	3	<	1.28	0.17	4.38	0.30	0.19	0.02	0.12
18 ESS 0113	L	6	0.3	34	6	86	8	<	235	3	<	<	0.5	8	20	359	<	21	66	353	11	35	<	2	0.02	1.04	0.30	1.99	0.38	0.07	0.02	0.09
18 ESS 0114	L	16	<	173	25	369	<	<	95	4	<	<	<	20	66	671	<	29	57	1050	7	41	<	3	0.02	1.32	0.16	5.01	0.21	0.10	0.02	0.10
18 ESS 0118	L	10	1.2	56	9	221	8	<	435	7	<	<	2.3	8	42	451	<	24	152	402	8	83	1	2	0.01	0.81	1.13	1.86	0.37	0.06	0.02	0.12
18 ESS 0119	L	8	0.4	39	3	135	<	<	360	3	<	<	1.3	9	29	532	<	19	79	445	8	59	1	2	0.01	0.80	0.81	1.68	0.35	0.05	0.02	0.11
Min Limit		5	0.1	1	2	1	5	5	5	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*		9999	99.9	20000	20000	20000	9999	999	9999	999	999	9999	99.9	9999	9999	9999	999	9999	9999	9999	9999	9999	9999	9999	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method		GeoS	ICP	ICP	ICP	ICP	ICP	ICP	CVA	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No SampleL=Silt R=Rock

INTERNATIONAL PLASMA LABORATORY LTD.

CERTIFICATE OF ANALYSIS
iPL 97I0931

2036 Columbia Street
Vancouver, B.C.
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Client : Nicholson & Associates
Project: Norex

510 Samples
509=Silt 1=Rock

[093117:12:16:79100297]

Out: Oct 02, 1997
In : Sep 17, 1997

Sample Name		Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppb	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
18 ESS 0122	L	6	0.8	68	10	252	<	<	340	4	<	<	2.6	14	48	1144	<	30	103	467	11	69	1	4	0.02	0.97	0.90	2.63	0.50	0.07	0.02	0.14
18 ESS 0123	L	16	0.8	57	11	308	<	<	325	4	<	<	3.9	10	50	603	<	24	86	467	9	73	1	3	0.02	0.99	0.92	2.18	0.42	0.07	0.02	0.12
AN6R 0217	R	<	<	6	<	389	77	<	35	19	<	<	0.3	13	136	446	<	240	8	273	3	59	7	1	<	0.33	0.84	4.08	0.04	0.10	0.02	0.40
Min Limit		5	0.1	1	2	1	5	5	5	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*		9999	99.9	20000	20000	20000	9999	999	9999	999	999	9999	99.9	9999	9999	9999	999	9999	9999	9999	9999	9999	9999	9999	1.00	9.99	9.99	9.99	9.99	5.00	5.00
Method		GeoS	ICP	ICP	ICP	ICP	ICP	ICP	CVA	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample L=Silt R=Rock

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CERTIFICATE OF ANALYSIS
iPL 97I0945

Nicholson & Associates

130 Samples Out: Sep 29, 1997 In: Sep 23, 1997 [094513:54:39:79092997]

Project : PFC
Shipper : George Nicholson
Shipment: PO#:
Analysis:
Au(FA/AAS 30g) Au(g/mt) ICP(AqR)30

Comment:

Document Distribution

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CODE	AMOUNT	TYPE	PREPARATION DESCRIPTION	PULP	REJECT
B211	130	Rock	crush, split & pulverize	12M/Dis	03M/Dis

NS=No Sample Rep=Replicate M=Month Dis=Discard

Analytical Summary

##	Code	Method	Units	Description	Element	Limit Low	Limit High
01	0313	FA/AAS	ppb	Au FA/AAS finish 30g	Gold	2	10000
02	0364	FAGrav	g/mt	Au FA/Grav in g/mt	Gold	0.07	1000.00
03	0721	ICP	ppm	Ag ICP	Silver	0.1	100.0
04	0711	ICP	ppm	Cu ICP	Copper	1	20000
05	0714	ICP	ppm	Pb ICP	Lead	2	20000
06	0730	ICP	ppm	Zn ICP	Zinc	1	20000
07	0703	ICP	ppm	As ICP	Arsenic	5	10000
08	0702	ICP	ppm	Sb ICP	Antimony	5	1000
09	0732	ICP	ppm	Hg ICP	Mercury	3	10000
10	0717	ICP	ppm	Mo ICP	Molydenum	1	1000
11	0747	ICP	ppm	Tl ICP (Incomplete Digestion)	Thallium	10	1000
12	0705	ICP	ppm	Bi ICP	Bismuth	2	10000
13	0707	ICP	ppm	Cd ICP	Cadmium	0.1	100.0
14	0710	ICP	ppm	Co ICP	Cobalt	1	10000
15	0718	ICP	ppm	Ni ICP	Nickel	1	10000
16	0704	ICP	ppm	Ba ICP (Incomplete Digestion)	Barium	2	10000
17	0727	ICP	ppm	W ICP (Incomplete Digestion)	Tungsten	5	1000
18	0709	ICP	ppm	Cr ICP (Incomplete Digestion)	Chromium	1	10000
19	0729	ICP	ppm	V ICP	Vanadium	2	10000
20	0716	ICP	ppm	Mn ICP	Manganese	1	10000
21	0713	ICP	ppm	La ICP (Incomplete Digestion)	Lanthanum	2	10000
22	0723	ICP	ppm	Sr ICP (Incomplete Digestion)	Strontium	1	10000
23	0731	ICP	ppm	Zr ICP	Zirconium	1	10000
24	0736	ICP	ppm	Sc ICP	Scandium	1	10000
25	0726	ICP	%	Ti ICP (Incomplete Digestion)	Titanium	0.01	1.00
26	0701	ICP	%	Al ICP (Incomplete Digestion)	Aluminum	0.01	10.00
27	0708	ICP	%	Ca ICP (Incomplete Digestion)	Calcium	0.01	10.00
28	0712	ICP	%	Fe ICP	Iron	0.01	10.00
29	0715	ICP	%	Mg ICP (Incomplete Digestion)	Magnesium	0.01	10.00
30	0720	ICP	%	K ICP (Incomplete Digestion)	Potassium	0.01	10.00
31	0722	ICP	%	Na ICP (Incomplete Digestion)	Sodium	0.01	5.00
32	0719	ICP	%	P ICP	Phosphorus	0.01	5.00

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* Our liability is limited solely to the analytical cost of these analyses.

BC Certified Assayer: David Chiu

INTERNATIONAL PLASMA LABORATORY LTD.

CERTIFICATE OF ANALYSIS

iPL 97I0945

2036 Columbia Street
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Phone (604) 879-7878
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Client : Nicholson & Associates
Project: PFC

130 Samples
130=Rock

[094513:54:39:79092997]

Out: Sep 29, 1997
In : Sep 23, 1997

Sample Name	Type	Au ppb	Au g/mt	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm
2CR 268	Rock	22	—	0.2	61	<2	15	<5	<5	<3	2	<10	<2	0.2	2	8	334	<5	126
2CR 269	Rock	42	—	0.1	115	<2	24	<5	<5	<3	2	<10	<2	0.2	4	19	260	<5	130
2CR 300	Rock	2	—	0.1	59	5	60	6	<5	<3	3	<10	<2	1.0	30	116	78	<5	152
2CR 301	Rock	<2	—	0.1	76	<2	77	<5	<5	<3	3	<10	<2	0.4	31	62	815	<5	135
2DR 252	Rock	8	—	0.1	67	7	10	9	<5	<3	6	<10	<2	0.1	8	8	197	<5	33
2ER 258	Rock	69	—	0.6	16	22	57	<5	69	<3	4	<10	<2	1.5	6	6	76	<5	37
2ER 259	Rock	72	—	0.3	13	23	73	<5	10	<3	2	<10	<2	1.0	9	6	387	<5	64
2ER 260	Rock	21	—	0.3	14	35	81	<5	9	<3	3	<10	<2	1.3	7	8	118	<5	64
2ER 261	Rock	666	—	1.3	36	38	94	<5	<5	<3	3	<10	<2	0.6	8	7	160	<5	64
2ER 262	Rock	80	—	0.2	11	22	53	14	<5	<3	2	<10	<2	0.5	9	9	270	<5	62
2ER 263	Rock	212	—	0.7	21	27	86	21	6	<3	2	<10	<2	1.3	13	11	652	<5	82
2ER 270	Rock	<2	—	0.5	33	17	8	21	18	<3	5	<10	<2	0.1	<1	5	82	<5	153
2ER 271	Rock	2	—	0.9	24	12	35	18	38	<3	2	<10	<2	<0.1	1	10	116	<5	90
2ER 272	Rock	56	—	0.2	81	11	67	21	5	<3	14	<10	<2	0.6	9	122	499	<5	232
2ER 273	Rock	3	—	0.2	36	13	67	30	<5	<3	4	<10	<2	0.5	13	64	48	<5	132
2ER 281	Rock	3	—	<0.1	21	<2	22	<5	<5	<3	2	<10	<2	0.3	3	17	369	<5	260
2ER 282	Rock	8	—	0.2	27	10	30	<5	5	<3	2	<10	<2	0.3	3	15	821	<5	121
2ER 283	Rock	<2	—	0.1	7	22	38	<5	<5	<3	2	<10	<2	0.3	6	11	266	<5	21
2ER 284	Rock	<2	—	0.2	99	22	43	22	8	<3	2	<10	<2	0.7	9	30	122	<5	49
2ER 285	Rock	2	—	0.2	85	12	33	18	5	<3	2	<10	<2	0.5	7	24	88	<5	63
2ER 286	Rock	2	—	0.4	98	39	63	63	14	<3	3	<10	<2	1.0	12	39	131	<5	92
2FR 257	Rock	<2	—	0.1	5	<2	12	<5	<5	<3	2	<10	<2	0.1	2	13	65	<5	204
2N2R 254	Rock	<2	—	<0.1	18	15	93	11	<5	<3	2	<10	<2	0.5	8	28	60	<5	144
2N2R 255	Rock	6	—	<0.1	14	26	93	161	6	<3	3	<10	<2	0.5	16	16	479	<5	79
2N3R 256	Rock	<2	—	<0.1	4	<2	5	<5	<5	<3	3	<10	<2	<0.1	1	10	99	<5	240
2N4R 264	Rock	2	—	0.1	8	10	45	<5	<5	<3	2	<10	<2	0.2	5	14	244	<5	32
2N4R 265	Rock	4	—	0.1	95	6	101	17	7	<3	2	<10	<2	0.8	45	58	488	<5	45
2NR 251	Rock	2	—	0.1	79	6	14	9	<5	<3	1	<10	<2	0.6	25	41	72	<5	27
2NR 253	Rock	7	—	0.1	156	4	14	<5	<5	<3	3	<10	<2	0.5	12	11	75	<5	53
3BR 0203	Rock	2	—	0.1	4	<2	11	<5	<5	<3	3	<10	<2	0.8	9	20	110	<5	155
3DR 0107	Rock	6	—	0.1	18	5	50	<5	<5	<3	3	<10	<2	0.2	3	6	127	<5	19
3ER 0123	Rock	51	—	0.3	17	78	23	182	13	<3	5	<10	<2	<0.1	1	3	101	<5	91
3ER 0186	Rock	5	—	0.3	67	11	87	13	5	<3	4	<10	<2	0.5	45	38	21	<5	47
3ER 0187	Rock	30	—	0.5	56	13	52	9	<5	<3	5	<10	<2	0.6	24	41	58	<5	160
3ER 0188	Rock	4	—	0.3	60	9	100	<5	<5	<3	3	<10	<2	0.6	41	38	30	<5	50
3ER 0189	Rock	<2	—	0.2	7	18	136	19	<5	<3	2	<10	<2	0.9	6	16	96	<5	42
3ER 0191	Rock	8	—	0.4	28	112	238	36	<5	<3	1	<10	<2	1.7	8	24	103	<5	57
3ER 0192	Rock	3	—	0.2	11	19	35	61	8	<3	1	<10	<2	0.6	7	22	179	<5	74
3ER 0193	Rock	<2	—	0.2	38	25	42	38	<5	<3	<1	<10	<2	0.6	12	12	47	<5	29
Minimum Detection		2	0.07	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1
Maximum Detection		10000	1000.00	100.0	20000	20000	20000	10000	1000	10000	1000	1000	10000	100.0	10000	10000	10000	1000	10000
Method		FA/AAS	FAGrav	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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CERTIFICATE OF ANALYSIS
iPL 97I0945

2036 Columbia Street
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Fax (604) 879-7898

Client : Nicholson & Associates
Project: PFC

130 Samples
130=Rock

[094513:54:39:79092997]

Out: Sep 29, 1997
In : Sep 23, 1997

Sample Name	Type	Au ppb	Au g/mt	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm
3ER 0194	Rock	2	—	0.2	129	27	14	234	<5	<3	2	<10	<2	1.0	14	29	29	<5	41
3ER 0195	Rock	5	—	0.3	28	36	99	35	<5	<3	2	<10	<2	0.8	17	12	465	<5	49
3ER 0196	Rock	21	—	0.3	48	8	31	87	<5	<3	4	<10	<2	1.0	13	28	194	<5	53
3ER 0197	Rock	7	—	0.2	56	22	141	77	<5	<3	10	<10	<2	1.3	12	30	333	<5	100
3ER 0198	Rock	8	—	0.4	41	74	51	30	32	5	8	<10	<2	<0.1	<1	1	130	<5	35
3ER 0199	Rock	<2	—	<0.1	56	4	67	<5	<5	<3	2	<10	<2	0.3	13	16	62	<5	86
3N2R 0200	Rock	<2	—	<0.1	4	<2	13	<5	<5	<3	3	<10	<2	0.1	3	10	34	<5	169
3N2R 0201	Rock	<2	—	<0.1	6	18	9	<5	<5	<3	1	<10	<2	0.1	3	7	83	<5	102
3N2R 0201 A	Rock	<2	—	<0.1	1	4	23	<5	<5	<3	1	<10	<2	<0.1	5	9	99	<5	118
3N3R 0202	Rock	<2	—	<0.1	53	25	44	<5	<5	<3	3	<10	<2	1.0	16	38	341	<5	130
3N4R 0203	Rock	3	—	0.5	101	21	126	43	<5	<3	9	<10	<2	0.9	16	35	253	<5	108
3N4R 0204	Rock	20	—	1.0	256	38	29	73	<5	<3	7	<10	<2	1.2	22	52	77	<5	31
3N4R 0204 A	Rock	17	—	1.7	365	73	179	61	5	<3	6	<10	<2	0.9	42	58	67	<5	108
3N4R 0205	Rock	15	—	0.6	21	35	30	15	56	<3	1	<10	<2	0.2	4	11	100	<5	45
3N4R 0206	Rock	3	—	0.8	70	3	313	19	<5	<3	9	<10	<2	3.2	16	60	68	<5	68
3N4R 0207	Rock	5	—	0.7	55	23	51	14	<5	<3	9	<10	<2	0.4	4	9	229	<5	75
11ER 0115	Rock	37	—	0.2	11	32	42	2455	<5	<3	3	<10	<2	0.4	18	11	137	<5	55
11ER 0116	Rock	71	—	0.2	48	36	37	2856	9	<3	2	<10	<2	0.8	37	11	531	<5	37
11ER 0117	Rock	39	—	7.2	680	119	141	1857	41	<3	5	<10	<2	1.7	7	5	40	<5	24
11ER 0119	Rock	7	—	1.0	368	5	76	169	131	<3	2	<10	<2	1.2	7	14	53	<5	51
11ER 0127 ??	Rock	8	—	0.5	298	13	32	78	7	<3	2	<10	<2	0.9	32	133	94	<5	88
11ER 0128 ??	Rock	2	—	<0.1	87	7	31	29	9	<3	1	<10	<2	0.4	19	47	185	<5	139
11ER 0129	Rock	15	—	0.2	139	22	115	53	12	<3	4	<10	<2	0.5	66	52	50	<5	87
13BR 0051	Rock	<2	—	0.1	124	7	87	26	<5	<3	4	<10	<2	0.3	57	61	173	<5	63
13BR 0053	Rock	<2	—	0.1	100	6	89	12	<5	<3	3	<10	<2	<0.1	37	38	330	<5	36
13BR 0054	Rock	<2	—	<0.1	43	<2	59	<5	5	<3	1	<10	<2	0.3	6	14	77	<5	178
14ER 0071	Rock	<2	—	<0.1	17	19	97	<5	<5	<3	2	<10	<2	0.7	13	20	416	<5	46
14ER 0073	Rock	<2	—	<0.1	45	3	82	<5	<5	<3	<1	<10	<2	0.5	5	22	206	<5	49
14ER 0074	Rock	<2	—	0.1	66	10	49	41	<5	<3	2	<10	<2	<0.1	46	43	57	<5	23
14ER 0080	Rock	4	—	0.1	3	<2	16	10	<5	<3	2	<10	<2	0.1	2	5	294	<5	19
14ER 0081	Rock	4	—	0.1	103	17	74	85	8	<3	3	<10	<2	0.1	25	15	134	<5	64
14ER 0083	Rock	2	—	0.1	13	15	18	241	14	<3	<1	<10	<2	0.4	6	17	55	<5	22
14ER 0084	Rock	<2	—	0.1	22	26	51	32	<5	<3	1	<10	<2	0.3	14	13	360	<5	61
14ER 0092	Rock	<2	—	0.1	102	6	111	15	5	<3	3	<10	<2	1.0	41	62	390	<5	101
15AR 0202	Rock	<2	—	<0.1	48	3	119	14	<5	<3	2	<10	<2	1.0	47	37	228	<5	25
15AR 0204	Rock	<2	—	0.1	94	5	55	26	<5	<3	3	<10	<2	0.3	40	146	450	<5	240
15CR 0228	Rock	<2	—	0.2	45	3	468	<5	<5	<3	3	<10	<2	1.2	13	36	623	<5	95
15ER 0173	Rock	<2	—	0.5	28	27	88	55	<5	<3	2	<10	<2	0.5	10	11	137	<5	72
15ER 0174	Rock	3	—	0.1	6	26	109	20	5	<3	2	<10	<2	0.5	12	14	633	<5	96
Minimum Detection		2	0.07	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1
Maximum Detection		10000	1000.00	100.0	20000	20000	20000	10000	1000	10000	1000	1000	10000	100.0	10000	10000	10000	1000	10000
Method		FA/AAS	FAGrav	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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iPL 97I0945

Client : Nicholson & Associates
Project: PFC

130 Samples
130=Rock

[094513:54:39:79092997]

Out: Sep 29, 1997
In : Sep 23, 1997

Sample Name	Type	Au ppb	Au g/mt	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm
15ER 0175	Rock	<2	—	0.2	14	17	81	37	<5	<3	2	<10	<2	0.7	11	10	252	<5	77
15ER 0176	Rock	<2	—	1.0	55	32	76	377	<5	<3	1	<10	<2	0.9	7	11	132	<5	96
15ER 0177 ??	Rock	<2	—	0.5	11	28	81	77	<5	<3	2	<10	<2	1.0	8	9	130	<5	88
15ER 0178 ??	Rock	10	—	0.5	75	23	195	50	<5	<3	16	<10	<2	1.2	13	51	171	<5	160
15ER 0179	Rock	3	—	0.4	99	29	75	41	<5	<3	6	<10	<2	1.0	15	31	308	<5	103
15ER 0180	Rock	5	—	0.2	54	54	111	48	<5	<3	4	<10	<2	1.3	16	33	298	<5	97
15ER 0181	Rock	<2	—	0.5	51	21	65	33	<5	<3	1	<10	<2	1.0	12	28	257	<5	108
15ER 0182	Rock	<2	—	0.2	28	25	71	28	<5	<3	3	<10	<2	0.9	13	25	352	<5	75
15ER 0183	Rock	<2	—	0.3	49	29	63	19	<5	<3	7	<10	<2	1.4	18	59	238	<5	104
15ER 0184	Rock	17	—	0.5	54	31	109	58	<5	<3	11	<10	<2	1.5	14	64	177	<5	117
15ER 0185	Rock	<2	—	0.3	25	33	99	28	<5	<3	3	<10	<2	1.0	20	28	221	<5	67
15ER 0186	Rock	<2	—	0.4	71	33	95	<5	<5	<3	3	<10	<2	0.4	31	27	1967	<5	34
15ER 0187	Rock	<2	—	0.2	13	35	114	<5	<5	<3	4	<10	<2	1.2	3	15	45	<5	157
15ER 0188	Rock	<2	—	0.1	12	14	127	18	<5	<3	3	<10	<2	0.8	26	10	837	<5	6
15ER 0189	Rock	<2	—	0.1	10	3	94	6	<5	<3	3	<10	<2	0.2	24	3	175	<5	5
15ER 0190	Rock	3	—	0.1	26	7	99	<5	<5	<3	2	<10	<2	0.1	27	10	702	<5	15
16BR 0239	Rock	3	—	0.3	38	<2	36	<5	<5	<3	1	<10	<2	0.2	3	19	218	<5	179
16BR 0266	Rock	<2	—	0.1	58	4	83	6	<5	<3	3	<10	<2	0.4	38	106	4449	<5	194
16BR 0267	Rock	<2	—	0.1	10	<2	20	<5	<5	<3	3	<10	<2	<0.1	6	9	224	<5	55
20BOR 0001	Rock	3	—	0.1	18	53	40	190	14	<3	3	<10	<2	0.7	14	33	94	<5	74
20CR 0038	Rock	<2	—	<0.1	14	2	40	<5	<5	<3	2	<10	<2	0.4	1	6	233	<5	13
20CR 0039	Rock	3	—	<0.1	58	<2	242	<5	<5	<3	2	<10	<2	<0.1	8	44	275	<5	64
20CR 0040	Rock	2	—	<0.1	16	4	55	<5	<5	<3	1	<10	<2	0.3	4	11	827	<5	48
20ER 0011	Rock	9	—	<0.1	11	35	37	92	21	3	3	<10	<2	0.2	4	7	208	<5	106
20ER 0012	Rock	6	—	0.1	9	27	39	24	12	<3	3	<10	<2	0.4	5	5	65	<5	38
20ER 0013	Rock	63	—	1.0	5	32	13	201	15	<3	<1	<10	<2	0.3	2	5	34	<5	79
20ER 0014	Rock	10	—	<0.1	29	51	92	86	8	3	3	<10	<2	1.0	15	17	18	<5	44
20ER 0015	Rock	5	—	<0.1	9	6	27	42	<5	<3	1	<10	<2	0.3	9	16	227	<5	55
20ER 0017	Rock	17	—	1.0	6	63	59	54	48	<3	3	<10	<2	2.0	6	14	80	<5	34
20ER 0018	Rock	28	—	1.2	292	37	30	1.2%	31	<3	2	<10	7	0.2	75	31	49	<5	59
20ER 0019	Rock	<2	—	<0.1	11	3	13	72	<5	<3	2	<10	<2	1.0	4	10	238	<5	17
20ER 0020	Rock	2	—	<0.1	46	6	36	31	<5	<3	1	<10	<2	0.2	9	21	264	<5	41
20ER 0022	Rock	<2	—	<0.1	49	5	31	51	6	<3	2	<10	<2	0.4	9	23	130	<5	60
20ER 0023	Rock	4	—	7.0	8670	20	745	98	23	<3	1	<10	<2	1.5	7	11	20	<5	193
20ER 0024	Rock	38	—	0.4	104	2	56	20	9	<3	8	<10	<2	0.6	5	28	144	<5	60
20ER 0025	Rock	24	—	2.1	880	3	48	<5	7	<3	1	<10	<2	0.4	5	14	318	<5	151
20ER 0026	Rock	8	—	0.2	120	15	26	57	19	<3	8	<10	<2	0.8	12	53	130	<5	89
20ER 0027	Rock	<2	—	13.2	529	4342	18567	<5	15	3	<1	<10	<2	0.2m	13	13	41	<5	38
20ER 0028	Rock	2	—	0.2	15	40	283	<5	<5	<3	4	<10	<2	2.5	3	5	148	<5	23
Minimum Detection		2	0.07	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1
Maximum Detection		10000	1000.00	100.0	20000	20000	20000	10000	1000	10000	1000	1000	10000	100.0	10000	10000	10000	1000	10000
Method		FA/AAS	FAGrav	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Type	Au ppb	Au g/mt	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm
20ER 0029	Rock	4	—	31.5	74	11430	13504	<5	26	<3	1	<10	<2	0.2m	15	11	53	<5	46
20ER 0030	Rock	2	—	0.1	36	23	37	36	<5	<3	1	<10	<2	1.6	7	23	58	<5	26
20ER 0031	Rock	59	—	0.5	9	273	1399	168	5	<3	6	<10	<2	11.1	3	9	82	<5	14
20ER 0032	Rock	4	—	0.3	161	26	53	219	24	3	2	<10	<2	0.3	7	19	57	<5	67
20ER 0033	Rock	2	—	0.5	350	12	40	191	11	<3	4	<10	<2	0.6	6	13	49	<5	33
20ER 0034	Rock	<2	—	3.2	1673	28	69	1043	15	<3	3	<10	<2	1.7	32	48	136	<5	24
20N2R 0001	Rock	<2	—	<0.1	31	29	52	26	<5	<3	3	<10	<2	0.1	9	13	211	<5	117
20N2R 0002	Rock	<2	—	<0.1	19	2	21	7	<5	<3	1	<10	<2	<0.1	3	9	64	<5	145
20N3R 0001	Rock	<2	—	<0.1	16	20	75	<5	<5	<3	3	<10	<2	0.5	10	10	118	<5	52
20N3R 0002	Rock	<2	—	0.1	14	35	183	<5	<5	<3	3	<10	<2	1.1	1	6	56	<5	145
20NR 0001	Rock	<2	—	0.3	40	22	240	12	<5	<3	8	<10	<2	1.7	11	57	652	<5	50
20NR 0002	Rock	<2	—	<0.1	1	14	87	<5	<5	<3	4	<10	<2	1.1	2	3	149	<5	9
20NR 0003	Rock	8	—	0.3	44	29	393	55	7	<3	17	<10	<2	4.6	13	126	886	<5	42
Minimum Detection		2	0.07	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1
Maximum Detection		10000	1000.00	100.0	20000	20000	20000	10000	1000	10000	1000	1000	10000	100.0	10000	10000	10000	1000	10000
Method		FA/AAS	FAGrav	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
2CR 268	16	27	<2	7	2	2	<0.01	0.24	0.01	1.07	0.02	0.10	0.02	0.01
2CR 269	14	82	<2	10	2	2	<0.01	0.23	0.03	1.23	0.02	0.09	0.02	<0.01
2CR 300	150	1085	15	173	2	15	<0.01	3.10	9.85	5.02	3.05	0.07	0.03	0.16
2CR 301	224	838	18	212	4	19	0.02	4.06	4.07	6.07	3.88	0.13	0.23	0.11
2DR 252	22	103	32	34	9	1	0.10	0.70	0.65	1.60	0.24	0.06	0.13	0.12
2ER 258	33	1036	31	169	6	7	0.02	0.59	6.14	2.90	1.99	0.09	0.05	0.08
2ER 259	53	730	32	118	8	7	0.17	1.27	2.51	2.76	0.72	0.72	0.14	0.10
2ER 260	37	864	28	125	7	9	<0.01	0.60	3.01	2.46	1.16	<0.01	0.02	0.05
2ER 261	49	1144	34	70	6	9	0.04	0.80	1.86	3.97	0.64	0.23	0.06	0.11
2ER 262	51	318	38	76	7	4	0.18	1.05	0.99	1.85	0.62	0.61	0.14	0.11
2ER 263	75	498	34	142	8	7	0.26	2.09	1.67	2.97	1.03	1.02	0.22	0.13
2ER 270	11	28	2	11	5	1	<0.01	0.20	0.04	0.63	0.03	0.11	0.02	0.02
2ER 271	38	24	6	21	7	2	<0.01	0.50	0.03	0.77	0.02	0.11	0.02	0.03
2ER 272	280	90	15	50	9	7	0.09	2.19	0.46	3.18	1.08	1.15	0.06	0.06
2ER 273	224	89	6	63	13	6	0.07	2.45	1.09	3.08	0.98	0.46	0.13	0.10
2ER 281	10	55	<2	9	1	1	<0.01	0.21	0.02	0.87	0.09	0.03	0.02	<0.01
2ER 282	21	35	<2	9	3	2	<0.01	0.26	<0.01	1.26	0.02	0.09	0.02	<0.01
2ER 283	10	595	14	652	4	4	<0.01	0.42	22%	1.47	0.18	0.15	0.02	0.08
2ER 284	23	221	13	152	7	2	0.08	2.09	3.77	1.44	0.29	0.27	0.34	0.10
2ER 285	19	137	19	124	6	1	0.07	1.65	2.57	1.10	0.11	0.10	0.27	0.23
2ER 286	51	161	16	320	9	3	0.11	4.53	3.48	1.82	0.59	0.54	0.73	0.07
2FR 257	3	499	10	11	9	1	<0.01	0.17	0.39	1.35	0.04	0.06	0.02	0.02
2N2R 254	59	819	14	70	9	4	0.03	2.08	2.69	3.42	1.84	0.12	0.04	0.09
2N2R 255	83	1331	34	155	24	8	0.17	2.73	3.84	4.07	1.58	0.35	0.13	0.10
2N3R 256	2	180	2	12	9	1	<0.01	0.13	0.10	0.75	0.02	0.04	0.02	0.01
2N4R 264	11	450	16	571	7	4	<0.01	1.16	18%	1.92	0.73	0.25	0.02	0.10
2N4R 265	193	917	17	188	21	6	0.43	4.27	2.65	7.18	2.55	0.33	0.06	0.22
2NR 251	25	216	16	114	9	2	0.17	1.82	3.26	2.10	0.30	0.11	0.31	0.12
2NR 253	7	109	27	55	10	1	0.08	0.68	0.66	2.55	0.18	0.04	0.19	0.10
3BR 0203	5	1126	11	14	8	3	<0.01	0.17	1.91	2.53	0.05	0.09	0.02	0.02
3DR 0107	46	46	31	37	2	4	<0.01	0.59	0.12	3.86	0.05	0.47	0.08	0.52
3ER 0123	13	33	40	97	5	1	<0.01	0.63	0.03	1.56	0.02	0.03	0.02	0.03
3ER 0186	252	317	18	70	8	12	0.27	3.40	1.77	6.40	2.70	0.39	0.33	0.26
3ER 0187	124	172	10	19	15	7	0.15	1.61	0.51	3.94	1.24	0.31	0.11	0.09
3ER 0188	279	388	18	61	10	14	0.43	2.60	2.99	6.62	2.39	0.36	0.20	0.21
3ER 0189	23	245	18	310	5	3	0.09	2.65	13%	2.41	0.47	0.41	0.44	0.08
3ER 0191	21	220	20	216	5	1	0.10	3.57	2.65	1.51	0.53	0.32	0.46	0.08
3ER 0192	29	195	19	242	5	2	0.10	4.69	2.96	1.42	0.83	0.63	0.67	0.10
3ER 0193	9	181	22	180	3	1	0.09	2.81	4.30	1.57	0.19	0.07	0.51	0.09
Minimum Detection	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	1.00	10.00	10.00	10.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate %

INTERNATIONAL PLASMA LABORATORY LTD.

CERTIFICATE OF ANALYSIS
iPL 97I0945

2036 Columbia Street
Vancouver, B.C.
Canada V5Y 3E1
Phone (604) 879-7878
Fax (604) 879-7898

Client : Nicholson & Associates
Project: PFC

130 Samples
130=Rock

[094513:54:39:79092997]

Out: Sep 29, 1997
In : Sep 23, 1997

Sample Name	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
3ER 0194	9	103	19	401	3	1	0.05	5.46	4.49	2.47	0.11	0.04	0.71	0.11
3ER 0195	92	269	20	171	7	5	0.23	2.66	1.43	2.49	1.13	1.00	0.35	0.12
3ER 0196	49	180	18	484	10	4	0.16	4.60	4.58	2.01	0.56	0.42	0.22	0.14
3ER 0197	195	385	30	150	7	7	0.17	2.74	1.08	3.01	1.00	0.70	0.16	0.17
3ER 0198	67	27	25	180	6	7	<0.01	0.89	0.05	4.52	0.01	<0.01	0.02	0.09
3ER 0199	27	629	23	42	4	2	<0.01	1.82	0.48	3.76	0.77	0.06	0.04	0.20
3N2R 0200	3	417	<2	8	6	1	<0.01	0.19	0.06	0.93	0.03	0.03	0.03	0.03
3N2R 0201	3	730	6	8	6	1	<0.01	0.30	0.02	1.97	0.02	0.17	0.03	0.01
3N2R 0201 A	3	509	<2	11	6	1	<0.01	0.17	0.18	1.37	0.03	0.03	0.03	<0.01
3N3R 0202	35	772	31	373	9	10	<0.01	0.97	4.62	2.79	1.99	0.19	0.03	0.11
3N4R 0203	203	313	17	31	6	9	0.14	1.83	0.69	3.72	1.07	0.75	0.08	0.05
3N4R 0204	32	98	21	379	4	1	0.11	4.98	3.43	2.61	0.14	0.07	0.54	0.17
3N4R 0204 A	155	502	30	79	3	5	0.36	2.37	1.21	5.48	1.10	0.86	0.16	0.22
3N4R 0205	13	76	56	20	2	3	<0.01	0.71	0.05	3.01	0.04	0.31	0.02	0.04
3N4R 0206	29	115	20	18	3	4	<0.01	1.98	0.12	3.51	0.65	0.17	0.05	0.04
3N4R 0207	39	145	25	21	2	2	<0.01	1.54	0.28	3.30	0.62	0.47	0.04	0.16
11ER 0115	44	241	49	86	3	4	0.13	1.13	1.68	1.70	0.75	0.42	0.20	0.16
11ER 0116	67	196	43	155	4	5	0.14	2.05	4.03	1.84	0.79	0.36	0.26	0.18
11ER 0117	15	1278	25	256	4	4	<0.01	0.47	11%	2.69	1.69	0.10	0.02	0.09
11ER 0119	10	750	29	104	18	2	0.08	1.34	8.87	1.59	0.42	<0.01	0.02	0.08
11ER 0127 ??	65	121	9	132	11	2	0.21	3.11	2.75	3.08	0.32	0.24	0.23	0.23
11ER 0128 ??	118	103	8	21	2	9	0.23	2.80	0.52	3.70	1.26	1.54	0.10	0.05
11ER 0129	403	442	4	11	2	27	1.5%	4.43	0.66	7.90	4.14	3.85	0.18	0.26
13BR 0051	388	906	20	30	19	16	0.64	5.22	1.56	8.36	6.23	0.07	0.03	0.21
13BR 0053	362	986	23	29	13	13	0.48	4.88	1.25	7.88	6.31	0.06	0.04	0.21
13BR 0054	15	100	6	14	3	1	0.01	0.46	0.11	1.34	0.21	0.21	0.02	0.04
14ER 0071	74	967	55	76	5	6	0.05	1.63	0.99	3.47	0.97	0.12	0.05	0.10
14ER 0073	24	119	8	7	3	3	<0.01	0.70	0.09	1.54	0.16	0.17	0.02	0.03
14ER 0074	133	258	12	45	20	4	0.60	2.18	1.30	4.50	1.96	1.45	0.28	0.25
14ER 0080	6	654	23	723	6	1	0.01	0.33	24%	0.84	0.34	0.06	0.03	0.15
14ER 0081	175	371	20	155	13	6	0.77	4.01	2.00	4.77	2.07	2.16	0.22	0.21
14ER 0083	9	231	12	105	5	1	0.09	1.72	4.85	0.91	0.30	0.05	0.11	0.11
14ER 0084	63	260	32	120	4	2	0.24	1.48	0.95	1.98	0.66	0.85	0.19	0.14
14ER 0092	251	787	22	115	13	12	0.46	3.46	8.81	5.32	3.19	0.08	0.12	0.21
15AR 0202	241	693	42	64	13	9	0.35	4.61	2.47	8.16	4.99	0.07	0.08	0.32
15AR 0204	289	765	20	44	6	15	0.15	4.92	2.83	6.72	5.64	0.08	0.05	0.22
15CR 0228	94	1178	16	206	9	5	0.08	1.38	4.59	5.34	1.12	0.23	0.03	0.08
15ER 0173	66	691	44	169	6	7	0.09	2.30	1.70	3.28	1.27	0.12	0.07	0.10
15ER 0174	71	753	39	87	13	8	0.17	2.18	0.69	3.25	1.15	0.72	0.15	0.10
Minimum Detection	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	1.00	10.00	10.00	10.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate %

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Client : Nicholson & Associates
Project: PFC

130 Samples
130=Rock

[094513:54:39:79092997]

Out: Sep 29, 1997
In : Sep 23, 1997

Sample Name	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
15ER 0175	65	641	36	101	6	8	0.16	1.92	1.14	2.85	1.13	0.23	0.09	0.08
15ER 0176	39	676	36	32	8	6	<0.01	1.65	0.85	2.77	0.93	0.19	0.03	0.08
15ER 0177 ??	40	821	40	85	8	8	<0.01	1.77	1.73	2.94	1.05	0.17	0.03	0.09
15ER 0178 ??	702	211	8	36	8	11	0.20	2.37	0.79	3.27	0.91	0.80	0.10	0.05
15ER 0179	239	223	15	114	10	9	0.22	4.02	1.72	2.58	1.73	1.60	0.35	0.12
15ER 0180	152	329	15	87	9	9	0.22	4.70	2.03	2.84	2.04	1.94	0.42	0.18
15ER 0181	54	165	18	151	4	3	0.20	3.42	1.67	2.08	1.44	1.24	0.37	0.08
15ER 0182	75	143	19	67	12	7	0.17	3.08	0.76	2.45	1.82	1.44	0.17	0.07
15ER 0183	227	223	18	120	16	7	0.24	2.77	1.77	2.58	0.81	0.59	0.33	0.15
15ER 0184	322	162	11	108	15	7	0.19	3.04	1.61	2.44	1.00	0.98	0.25	0.17
15ER 0185	119	394	15	60	12	7	0.21	3.28	1.75	3.83	1.63	0.96	0.23	0.14
15ER 0186	158	800	13	28	9	4	0.29	3.10	0.80	5.73	2.21	0.84	0.06	0.17
15ER 0187	35	666	6	17	6	2	0.01	1.21	1.35	2.10	1.18	0.03	0.02	0.03
15ER 0188	172	684	18	73	5	9	0.14	3.69	2.57	5.77	3.34	0.34	0.19	0.28
15ER 0189	163	938	41	80	8	4	0.14	3.58	2.21	6.65	3.94	0.16	0.05	0.47
15ER 0190	173	865	35	88	6	6	0.15	3.47	2.44	6.44	3.70	0.15	0.05	0.37
16BR 0239	13	67	<2	9	3	2	<0.01	0.25	0.05	1.02	0.09	0.10	0.02	0.02
16BR 0266	178	1609	23	68	2	16	<0.01	4.39	4.41	6.53	3.46	0.14	0.04	0.12
16BR 0267	32	761	18	259	7	3	0.09	0.91	17%	1.24	1.57	<0.01	0.02	0.04
20BOR 0001	42	106	11	254	5	3	0.09	3.79	2.86	1.31	0.25	0.30	0.29	0.15
20CR 0038	70	22	<2	15	3	1	<0.01	0.56	0.08	1.47	0.08	0.38	0.02	0.02
20CR 0039	8	285	<2	8	2	3	<0.01	0.39	0.05	4.36	0.04	0.12	0.02	0.03
20CR 0040	8	299	3	31	2	3	<0.01	0.54	1.24	1.95	0.51	0.27	0.02	0.02
20ER 0011	7	121	16	263	6	1	<0.01	0.65	0.49	0.62	0.20	<0.01	0.01	0.03
20ER 0012	14	253	22	81	10	3	<0.01	0.64	0.86	0.78	0.27	0.10	0.02	0.03
20ER 0013	4	38	12	23	4	1	<0.01	0.29	0.11	0.68	0.03	0.06	0.02	0.02
20ER 0014	39	731	70	25	2	9	<0.01	0.89	0.67	2.09	0.17	<0.01	0.01	0.16
20ER 0015	36	80	16	78	10	1	0.13	1.44	1.06	0.58	0.80	0.45	0.18	0.11
20ER 0017	43	1616	19	219	8	5	<0.01	0.58	11%	2.72	3.07	<0.01	0.02	0.07
20ER 0018	27	171	14	54	6	3	0.05	1.62	1.89	5.18	0.84	0.34	0.21	0.09
20ER 0019	9	530	8	97	5	4	<0.01	0.39	6.54	2.14	3.26	0.26	0.02	0.03
20ER 0020	10	367	11	37	7	3	<0.01	0.75	1.35	1.62	0.94	0.28	0.02	0.02
20ER 0022	22	306	20	104	11	3	0.02	1.76	4.86	3.18	1.41	0.21	0.02	0.08
20ER 0023	2	126	<2	5	3	<1	<0.01	0.12	0.34	0.86	0.11	0.02	0.02	0.03
20ER 0024	132	169	10	34	22	2	0.11	1.21	2.82	1.19	1.80	0.81	0.05	0.16
20ER 0025	38	233	3	60	9	1	0.07	0.42	1.37	1.09	0.25	0.07	0.06	0.03
20ER 0026	125	82	11	89	5	3	0.09	3.06	2.05	2.42	1.62	0.83	0.35	0.43
20ER 0027	91	1781	19	49	6	11	<0.01	0.60	1.68	8.79	0.77	<0.01	0.01	0.14
20ER 0028	35	1257	6	528	5	5	<0.01	0.35	16%	2.97	5.88	<0.01	0.02	0.05
Minimum Detection	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	1.00	10.00	10.00	10.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate %

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Project: PFC

130 Samples
130=Rock

[094513:54:39:79092997]

Out: Sep 29, 1997
In : Sep 23, 1997

Sample Name	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
20ER 0029	116	2416	20	18	3	13	<0.01	1.22	0.56	9.78	0.53	<0.01	0.01	0.16
20ER 0030	13	75	17	166	8	<1	0.08	2.43	1.61	1.09	0.15	0.10	0.45	0.09
20ER 0031	19	766	<2	732	4	2	<0.01	0.20	17%	2.15	7.76	0.02	0.03	0.02
20ER 0032	40	297	9	47	7	6	<0.01	0.55	0.54	3.45	0.15	0.02	0.02	0.05
20ER 0033	21	698	4	196	4	2	<0.01	0.26	11%	3.61	4.03	0.02	0.02	0.02
20ER 0034	67	139	8	327	3	3	0.19	4.62	3.04	2.78	1.13	0.74	0.38	0.12
20N2R 0001	6	4766	<2	26	6	1	<0.01	0.77	0.14	1.74	0.27	0.08	0.03	0.02
20N2R 0002	5	503	3	8	8	1	<0.01	0.42	0.11	0.96	0.13	0.06	0.04	0.01
20N3R 0001	25	897	42	292	5	10	<0.01	0.72	3.96	3.59	0.42	0.20	0.03	0.11
20N3R 0002	2	1552	8	10	5	1	<0.01	0.07	0.21	1.68	0.02	0.02	0.01	0.03
20NR 0001	14	287	3	189	4	2	<0.01	0.27	17%	3.22	2.74	0.05	0.02	0.09
20NR 0002	4	1737	<2	31	1	<1	<0.01	0.21	16%	2.98	9.76	<0.01	0.02	<0.01
20NR 0003	36	532	6	70	3	4	<0.01	0.45	13%	3.54	6.07	0.22	0.02	0.08
Minimum Detection	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	1.00	10.00	10.00	10.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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INTERNATIONAL PLASMA LABORATORY LTD.

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iPL 97I0949

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Phone (604) 879-7878
Fax (604) 879-7898

Nicholson & Associates — **259 Samples** — Out: Oct 05, 1997 In: Sep 23, 1997 — [094916:54:48:79100697]

Project : PFC
Shipper : George Nicholson
Shipment: PO#:
Analysis:
Au(AqR/Ext/AAS/10g) ICP(AqR)29 Hg

Comment:

CODE	AMOUNT	TYPE	PREPARATION DESCRIPTION	PULP	REJECT
B111	259	Soil	Dry & sift to -80 mesh, discard reject.	12M/Dis	00M/Dis

NS=No Sample Rep=Replicate M=Month Dis=Discard

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2 Nicholson & Associates
Dawson City
Yukon
Canada
Att: Bill/George/Garth

EN	RT	CC	IN	FX
1	2	2	2	1
DL	3D	EM	BT	BL
0	0	0	0	0

Fx:403/993-6892

Analytical Summary

##	Code	Method	Units	Description	Element	Limit Low	Limit High
01	0513	GeoSp	ppb	Au AqR/Ext/AAS 10g	Gold	5	9999
02	0721	ICP	ppm	Ag ICP	Silver	0.1	99.9
03	0711	ICP	ppm	Cu ICP	Copper	1	20000
04	0714	ICP	ppm	Pb ICP	Lead	2	20000
05	0730	ICP	ppm	Zn ICP	Zinc	1	20000
06	0703	ICP	ppm	As ICP	Arsenic	5	9999
07	0702	ICP	ppm	Sb ICP	Antimony	5	999
08	0520	CVA	ppb	Hg Cold Vapor/AAS	Mercury	5	9999
09	0717	ICP	ppm	Mo ICP	Molydenum	1	999
10	0747	ICP	ppm	Tl ICP (Incomplete Digestion)	Thallium	10	999
11	0705	ICP	ppm	Bi ICP	Bismuth	2	9999
12	0707	ICP	ppm	Cd ICP	Cadmium	0.1	99.9
13	0710	ICP	ppm	Co ICP	Cobalt	1	9999
14	0718	ICP	ppm	Ni ICP	Nickel	1	9999
15	0704	ICP	ppm	Ba ICP (Incomplete Digestion)	Barium	2	9999
16	0727	ICP	ppm	W ICP (Incomplete Digestion)	Tungsten	5	999
17	0709	ICP	ppm	Cr ICP (Incomplete Digestion)	Chromium	1	9999
18	0729	ICP	ppm	V ICP	Vanadium	2	9999
19	0716	ICP	ppm	Mn ICP	Manganese	1	9999
20	0713	ICP	ppm	La ICP (Incomplete Digestion)	Lanthanum	2	9999
21	0723	ICP	ppm	Sr ICP (Incomplete Digestion)	Strontium	1	9999
22	0731	ICP	ppm	Zr ICP	Zirconium	1	9999
23	0736	ICP	ppm	Sc ICP	Scandium	1	9999
24	0726	ICP	%	Ti ICP (Incomplete Digestion)	Titanium	0.01	1.00
25	0701	ICP	%	Al ICP (Incomplete Digestion)	Aluminum	0.01	9.99
26	0708	ICP	%	Ca ICP (Incomplete Digestion)	Calcium	0.01	9.99
27	0712	ICP	%	Fe ICP	Iron	0.01	9.99
28	0715	ICP	%	Mg ICP (Incomplete Digestion)	Magnesium	0.01	9.99
29	0720	ICP	%	K ICP (Incomplete Digestion)	Potassium	0.01	9.99
30	0722	ICP	%	Na ICP (Incomplete Digestion)	Sodium	0.01	5.00
31	0719	ICP	%	P ICP	Phosphorus	0.01	5.00

EN=Envelope # RT=Report Style CC=Copies IN=Invoices Fx=Fax(1=Yes 0=No) Totals: 4=Copy 4=Invoice 0=3½ Disk
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* Our liability is limited solely to the analytical cost of these analyses.

BC Certified Assayer: David Chiu

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259 Samples
259=Soil

[094916:54:48:79100697]

Out: Oct 05, 1997
In : Sep 23, 1997

Sample	Name		Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppb	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
02ES	0274	S	<	<	29	13	66	7	<	85	3	<	<	0.8	10	22	189	<	22	40	157	14	18	3	4	0.04	0.92	0.24	2.08	0.40	0.05	0.02	0.09
02ES	0275	S	<	<	33	12	89	<	<	25	3	<	<	0.6	10	24	334	<	27	45	149	14	25	2	4	0.05	1.13	0.30	1.88	0.48	0.07	0.03	0.08
02ES	0276	S	<	<	32	11	88	<	<	25	3	<	<	0.8	11	26	377	<	25	46	275	14	26	3	4	0.05	1.09	0.34	2.36	0.48	0.06	0.03	0.10
02ES	0277	S	<	<	20	10	59	10	<	26	2	<	<	0.3	8	17	209	<	21	40	165	13	17	1	2	0.03	1.13	0.19	1.95	0.37	0.04	0.02	0.09
02ES	0278	S	<	<	33	9	60	<	<	20	1	<	<	0.5	8	21	241	<	21	35	349	13	23	2	3	0.04	0.91	0.27	2.03	0.39	0.05	0.02	0.08
02ES	0279	S	<	<	17	11	61	7	<	20	2	<	<	0.2	8	17	247	<	20	36	161	12	17	<	2	0.02	1.20	0.22	1.81	0.39	0.03	0.02	0.08
02ES	0280	S	<	<	27	9	79	7	<	35	3	<	<	0.6	12	23	361	<	26	44	335	14	22	2	3	0.03	1.31	0.29	2.35	0.48	0.04	0.02	0.08
03ESS	0190	S	<	0.2	<	<	2760	<	<	15	5	<	<	10.2	9	53	32	<	<	21	110	6	8	9	<	<	0.71	0.08	27%	0.04	<	<	<
04ES	0458	S	<	<	14	6	96	<	<	120	1	<	<	0.3	6	16	326	<	12	30	312	9	26	1	2	0.01	0.70	0.30	1.69	0.27	0.05	0.02	0.06
04ES	0459	S	<	<	11	2	66	<	<	105	1	<	<	0.1	6	12	250	<	13	25	134	9	21	1	2	0.02	0.75	0.26	1.30	0.28	0.03	0.02	0.06
04ES	0460	S	<	<	11	<	60	<	<	40	2	<	<	0.3	6	12	232	<	13	25	123	10	20	1	2	0.02	0.75	0.26	1.22	0.28	0.04	0.02	0.06
04ES	0461	S	<	<	11	<	63	<	<	40	2	<	<	0.3	6	13	265	<	14	28	146	10	22	1	2	0.02	0.82	0.28	1.28	0.30	0.04	0.02	0.06
04ES	0462	S	<	<	10	3	58	6	<	35	1	<	<	0.3	6	13	243	<	14	27	134	10	21	1	2	0.02	0.81	0.26	1.21	0.29	0.04	0.02	0.06
04ES	0463	S	<	<	10	2	55	6	<	60	1	<	<	0.3	6	12	231	<	13	26	121	10	20	1	2	0.02	0.76	0.26	1.14	0.28	0.05	0.02	0.06
04ES	0464	S	<	<	15	5	68	5	<	95	1	<	<	0.1	5	14	308	<	16	33	116	10	24	1	2	0.02	0.94	0.32	1.39	0.41	0.05	0.02	0.08
04ES	0465	S	<	<	16	5	72	7	<	55	2	<	<	0.7	10	16	320	<	17	37	335	10	30	1	2	0.02	0.92	0.36	1.55	0.32	0.04	0.02	0.06
04ES	0466	S	<	<	19	12	81	8	<	65	3	<	<	0.7	9	18	349	<	20	37	225	11	33	1	2	0.02	1.04	0.41	1.62	0.38	0.06	0.02	0.07
04ES	0467	S	<	<	16	10	80	7	<	80	2	<	<	0.4	9	17	302	<	17	31	349	11	36	1	2	0.02	0.92	0.41	1.49	0.35	0.05	0.02	0.07
04ES	0468	S	<	<	16	7	82	<	<	105	2	<	<	0.5	9	17	315	<	15	29	447	10	39	1	2	0.02	0.89	0.46	1.47	0.36	0.05	0.02	0.07
04ES	0469	S	<	<	20	6	97	6	<	85	1	<	<	0.6	11	21	361	<	19	35	612	11	46	1	2	0.02	1.06	0.54	1.74	0.40	0.07	0.02	0.07
04ES	0470	S	<	<	26	9	92	5	<	70	2	<	<	0.6	9	21	379	<	19	33	331	12	52	1	2	0.02	1.06	0.61	1.68	0.44	0.06	0.02	0.07
04ES	0471	S	<	<	19	8	82	6	<	75	2	<	<	0.4	8	17	329	<	16	31	473	11	41	1	2	0.02	0.98	0.48	1.49	0.38	0.07	0.02	0.07
04ES	0472	S	<	<	18	9	88	5	<	65	2	<	<	0.6	10	19	345	<	18	32	574	11	44	1	2	0.02	1.00	0.50	1.59	0.37	0.06	0.02	0.06
04ES	0473	S	<	<	20	6	84	<	<	85	2	<	<	0.4	9	19	332	<	17	32	503	11	46	1	2	0.02	0.99	0.49	1.59	0.40	0.05	0.02	0.07
04ES	0474	S	<	<	20	9	94	5	<	85	2	<	<	0.5	9	20	372	<	18	34	569	11	46	1	2	0.02	1.09	0.52	1.67	0.42	0.06	0.02	0.07
04ES	0475	S	<	<	23	7	97	5	<	95	2	<	<	0.7	10	21	351	<	17	32	876	11	53	1	2	0.02	1.06	0.59	1.68	0.41	0.06	0.02	0.07
04ES	0476	S	<	<	20	10	90	8	<	90	1	<	<	0.7	10	20	357	<	17	32	559	11	44	1	2	0.02	1.02	0.50	1.62	0.41	0.06	0.02	0.07
04ES	0477	S	6	<	20	7	83	7	<	75	1	<	<	0.4	9	20	332	<	16	31	460	10	47	1	2	0.02	0.98	0.54	1.58	0.39	0.04	0.02	0.07
04ES	0478	S	<	<	14	13	63	8	<	105	2	<	<	0.2	6	12	244	<	16	29	153	9	17	1	1	0.01	0.95	0.21	1.35	0.32	0.05	0.02	0.07
04ES	0479	S	6	<	51	14	121	6	<	215	2	<	<	0.9	9	23	500	<	22	57	114	13	42	4	4	0.02	1.21	0.62	1.86	0.72	0.11	0.02	0.11
04ES	0480	S	<	<	21	7	73	<	<	75	1	<	<	0.4	9	18	317	<	17	31	369	11	42	1	2	0.02	0.93	0.51	1.46	0.39	0.05	0.02	0.07
04ES	0481	S	<	0.1	23	9	88	<	<	90	2	<	<	0.6	9	20	385	<	19	35	412	12	37	1	2	0.03	0.99	0.55	1.59	0.40	0.07	0.02	0.08
04ES	0482	S	<	<	37	8	96	6	<	220	2	<	<	0.4	8	23	398	<	23	42	245	12	42	2	3	0.03	1.09	0.75	1.71	0.53	0.07	0.03	0.09
04ES	0483	S	<	<	19	8	88	6	<	100	2	<	<	0.6	8	19	321	<	17	31	427	12	43	1	2	0.02	0.94	0.51	1.51	0.40	0.07	0.02	0.07
04ES	0484	S	<	0.1	25	7	76	<	<	75	2	<	<	0.3	8	20	291	<	17	34	256	11	37	2	2	0.03	0.81	0.52	1.74	0.47	0.06	0.03	0.09
04ES	0485	S	<	<	22	8	82	7	<	95	2	<	<	0.5	9	19	342	<	17	32	482	12	47	1	2	0.02	0.99	0.58	1.61	0.44	0.06	0.02	0.07
04ES	0486	S	<	<	27	7	80	<	<	75	2	<	<	0.5	8	20	259	<	18	32	234	11	38	3	2	0.04	0.83	0.60	1.66	0.52	0.06	0.03	0.09
04ES	0487	S	<	<	22	7	84	<	<	105	2	<	<	0.5	8	19	296	<	16	31	332	11	40	2	2	0.02	0.89	0.51	1.62	0.42	0.06	0.02	0.08
04ES	0488	S	<	<	31	9	97	<	<	120	2	<	<	0.7	9	23	335	<	19	36	550	12	52	2	2	0.03	0.99	0.65	1.86	0.47	0.07	0.02	0.08
Min Limit			5	0.1	1	2	1	5	5	5	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*			9999	99.9	20000	20000	20000	9999	999	9999	999	999	9999	99.9	9999	9999	9999	999	9999	9999	9999	9999	9999	9999	9999	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method			GeoS	ICP	ICP	ICP	ICP	ICP	ICP	CVA	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No SampleS=Soil

INTERNATIONAL PLASMA LABORATORY LTD.

CERTIFICATE OF ANALYSIS
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Client : Nicholson & Associates
Project: PFC

259 Samples
259=Soil

[094916:54:48:79100697]

Out: Oct 05, 1997
In : Sep 23, 1997

Sample	Name		Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppb	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
04ES	0489	S	8	<	30	9	94	7	<	95	3	<	<	0.5	9	23	323	<	18	36	455	13	49	2	2	0.03	0.97	0.61	1.83	0.44	0.07	0.02	0.08
09BS	000 4	S	<	<	40	10	87	<	<	155	3	<	<	0.8	16	31	607	<	18	23	1654	9	41	1	2	<	0.98	0.66	2.44	0.25	0.11	0.02	0.13
09BS	000 5	S	<	<	41	19	44	<	<	105	1	<	<	0.3	9	23	375	<	10	17	502	6	19	<	2	<	0.56	0.20	2.07	0.11	0.12	0.02	0.06
09BS	000 6	S	<	<	46	13	75	<	<	90	4	<	<	0.2	18	35	541	<	10	20	1927	7	28	1	3	<	0.55	0.22	3.12	0.09	0.15	0.01	0.08
09BS	000 7	S	<	<	55	10	60	<	<	105	3	<	<	0.3	16	34	595	<	10	19	1810	7	32	1	3	<	0.53	0.30	3.06	0.10	0.16	0.02	0.08
09BS	000 8	S	10	<	61	9	107	<	<	295	3	<	<	0.8	18	39	587	<	25	47	1159	12	53	1	4	<	1.10	0.91	3.09	0.33	0.10	0.02	0.16
09BS	000 9	S	14	<	66	17	110	<	<	315	3	<	<	1.1	14	35	553	<	26	35	991	10	50	1	3	<	0.93	0.89	2.81	0.30	0.10	0.02	0.14
09BS	00010	S	34	<	81	107	142	63	<	525	4	<	<	0.5	14	56	482	<	34	29	678	10	43	1	3	<	0.64	0.66	3.40	0.24	0.14	0.03	0.15
09BS	00011	S	<	<	65	8	131	<	<	235	4	<	<	<	16	38	597	<	21	56	663	12	40	2	4	<	1.01	0.39	4.15	0.42	0.17	0.02	0.15
09BS	00012	S	10	<	77	10	125	<	<	285	4	<	<	0.4	14	36	748	<	20	42	726	11	45	1	3	<	0.88	0.57	3.21	0.29	0.12	0.02	0.17
09BS	00013	S	<	<	71	7	138	<	<	230	2	<	<	1.2	15	39	731	<	28	57	838	14	58	2	4	<	1.16	0.94	3.14	0.54	0.13	0.02	0.17
09BS	00014	S	<	<	79	8	128	<	<	145	3	<	<	0.2	18	42	750	<	34	71	698	14	44	2	5	<	1.29	0.53	4.06	0.66	0.18	0.02	0.18
09BS	00015	S	<	<	68	10	129	<	<	195	2	<	<	0.4	16	42	779	<	36	74	610	14	52	2	5	<	1.35	0.71	3.81	0.71	0.17	0.02	0.20
09BS	00016	S	<	<	84	27	203	11	<	255	4	<	<	0.7	25	67	1008	<	51	128	878	20	72	2	7	<	2.06	0.78	5.15	1.17	0.20	0.03	0.24
09BS	00017	S	<	<	65	8	167	<	<	250	4	<	<	0.6	22	54	1095	<	45	105	828	19	66	3	6	0.01	2.01	0.69	4.43	1.16	0.29	0.02	0.21
09BS	00018	S	<	<	78	7	128	<	<	220	4	<	<	0.6	17	42	1032	<	36	78	670	15	58	2	5	<	1.45	0.70	3.97	0.69	0.22	0.02	0.22
09BS	00019	S	<	<	87	9	149	<	<	200	4	<	<	0.2	19	44	763	<	35	80	840	13	51	2	5	<	1.36	0.51	4.10	0.63	0.21	0.02	0.16
09BS	00020	S	<	<	74	8	147	<	<	235	4	<	<	0.5	17	47	760	<	34	75	719	13	55	2	5	<	1.36	0.59	3.91	0.66	0.19	0.02	0.18
09BS	00021	S	<	<	75	8	134	<	<	250	4	<	<	0.5	17	42	779	<	31	73	632	12	47	3	5	<	1.18	0.53	3.60	0.63	0.18	0.02	0.16
09BS	00022	S	<	<	81	6	132	<	<	260	4	<	<	0.7	18	43	768	<	29	70	730	12	48	3	5	0.01	1.12	0.50	3.54	0.57	0.19	0.02	0.16
09BS	00023	S	<	<	86	5	116	<	<	310	5	<	<	0.5	17	49	816	<	43	69	454	12	41	3	6	<	1.24	0.62	3.63	0.67	0.15	0.02	0.10
09BS	00024	S	<	<	86	8	149	<	<	325	4	<	<	0.4	18	56	975	<	46	81	606	12	46	3	6	<	1.36	0.68	4.00	0.76	0.16	0.02	0.14
09BS	00025	S	<	<	89	10	185	<	<	320	4	<	<	1.1	20	57	1170	<	42	82	740	13	52	3	6	<	1.38	0.64	3.94	0.72	0.18	0.02	0.15
09BS	00026	S	<	<	82	9	154	<	<	245	3	<	<	0.7	17	45	865	<	35	73	621	14	52	2	5	<	1.32	0.72	3.53	0.64	0.19	0.02	0.16
09BS	00027	S	<	<	80	8	189	<	<	300	4	<	<	0.6	21	58	835	<	48	95	764	16	55	2	7	<	1.66	0.66	4.40	0.80	0.22	0.02	0.15
09BS	00028	S	<	<	84	10	180	<	<	325	5	<	<	0.5	20	56	831	<	46	95	626	15	55	3	7	<	1.62	0.62	4.33	0.79	0.22	0.03	0.16
09BS	00029	S	<	<	80	8	173	<	<	330	4	<	<	0.5	18	52	616	<	39	91	607	15	57	2	6	<	1.45	0.58	4.12	0.66	0.20	0.03	0.16
09BS	00030	S	<	<	76	9	588	<	<	400	4	<	<	2.3	20	52	658	<	43	89	688	14	47	2	6	<	1.45	0.63	4.30	0.72	0.19	0.02	0.15
09BS	00031	S	<	<	80	18	205	<	<	320	3	<	<	1.0	23	60	595	<	46	86	844	16	59	2	6	<	1.54	0.74	4.25	0.76	0.17	0.02	0.15
09BS	00032	S	<	<	78	11	173	<	<	230	3	<	<	0.7	22	57	700	<	43	92	821	16	52	2	6	<	1.54	0.81	4.14	0.80	0.17	0.02	0.19
09BS	00033	S	<	<	77	10	165	<	<	300	4	<	<	0.6	22	56	726	<	44	89	799	17	53	2	6	<	1.56	0.71	4.27	0.83	0.16	0.03	0.16
09BS	00034	S	<	<	72	8	167	<	<	230	4	<	<	0.6	21	57	691	<	44	96	707	15	47	3	6	<	1.66	0.58	4.34	0.96	0.16	0.02	0.15
09BS	00035	S	<	<	70	6	148	<	<	250	4	<	<	0.5	21	56	807	<	49	102	634	15	47	3	6	<	1.72	0.67	4.37	1.05	0.16	0.03	0.14
09BS	00036	S	6	<	72	7	166	<	<	285	4	<	<	0.6	22	61	955	<	49	100	756	15	51	3	6	<	1.68	0.70	4.26	0.92	0.17	0.02	0.17
09BS	00037	S	<	<	79	8	146	<	<	285	4	<	<	1.1	20	53	777	<	46	94	642	14	57	3	6	<	1.47	0.75	3.97	0.77	0.19	0.03	0.16
09BS	00038	S	<	<	74	8	168	<	<	315	5	<	<	0.7	22	60	862	<	48	97	788	15	53	3	7	<	1.53	0.67	4.08	0.82	0.16	0.02	0.15
09BS	00039	S	8	<	79	8	189	<	<	320	4	<	<	0.7	23	65	780	<	46	94	745	14	51	3	6	<	1.53	0.61	4.11	0.81	0.16	0.02	0.14
09BS	00040	S	<	<	68	5	153	<	<	275	4	<	<	0.6	19	53	592	<	39	90	595	16	55	3	6	<	1.58	0.86	4.17	1.03	0.16	0.03	0.18
09ESS	0362	S	<	1.9	43	14	74	9	<	530	3	<	<	0.6	9	32	1211	<	28	50	192	15	81	1	2	0.01	1.58	0.76	2.39	0.55	0.10	0.02	0.17
Min Limit			5	0.1	1	2	1	5	5	5	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*			9999	99.9	20000	20000	20000	9999	999	9999	999	999	9999	99.9	9999	9999	9999	999	9999	9999	9999	9999	9999	9999	9999	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method			GeoS	ICP	ICP	ICP	ICP	ICP	ICP	CVA	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No SampleS=Soil

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Client : Nicholson & Associates
Project: PFC

259 Samples
259=Soil

[094916:54:48:79100697]

Out: Oct 05, 1997
In : Sep 23, 1997

Sample Name			Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppb	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
09ESS	0363	S	<	<	36	12	95	<	<	205	3	<	<	0.8	12	30	971	<	23	45	530	13	44	1	3	<	1.38	0.44	2.76	0.66	0.14	0.02	0.09
09ES	0364	S	<	<	50	12	147	<	<	140	4	<	<	0.7	18	42	786	<	22	53	1125	11	59	1	3	0.01	1.34	0.33	3.39	0.53	0.19	0.02	0.11
09ES	0365	S	12	<	19	7	81	<	<	200	2	<	<	0.4	6	19	465	<	17	35	168	11	30	<	2	0.01	1.04	0.25	1.79	0.36	0.07	0.02	0.07
09ES	0366	S	<	<	44	11	150	5	<	210	5	<	<	0.3	10	27	722	<	21	66	276	13	51	1	3	0.01	1.34	0.40	3.13	0.56	0.17	0.02	0.15
09ES	0367	S	<	<	34	10	126	8	<	190	3	<	<	1.1	10	26	690	<	25	56	307	17	47	2	3	0.01	1.73	0.63	2.73	1.05	0.21	0.02	0.09
09ES	0368	S	<	<	49	11	129	6	<	225	5	<	<	1.0	11	25	671	<	22	62	437	15	54	2	3	<	1.47	0.42	2.73	0.81	0.30	0.02	0.14
09ES	0369	S	<	<	48	11	131	7	<	115	4	<	<	1.2	11	25	937	<	25	66	503	16	108	2	3	0.01	1.65	1.25	2.87	1.01	0.30	0.02	0.42
09ES	0370	S	<	<	47	10	124	<	<	140	3	<	<	0.9	10	25	780	<	23	58	393	16	54	2	3	0.01	1.45	0.50	2.68	0.82	0.24	0.02	0.13
09ES	0371	S	<	<	53	11	152	8	<	135	4	<	<	0.7	13	31	743	<	26	68	550	17	70	3	4	0.01	1.71	0.63	3.45	1.06	0.28	0.02	0.23
09ES	0372	S	<	<	57	10	160	10	<	125	4	<	<	0.7	13	31	511	<	31	68	457	20	60	3	5	0.01	1.89	0.44	3.33	1.13	0.36	0.02	0.15
09ES	0373	S	<	<	77	15	179	8	<	160	4	<	<	1.9	14	35	314	<	27	61	411	20	80	2	5	0.01	1.69	0.53	2.92	1.02	0.32	0.02	0.15
09ES	0374	S	<	<	62	13	163	12	<	130	4	<	<	2.5	15	39	415	<	27	61	1494	22	88	3	5	0.01	1.67	0.52	3.11	1.05	0.29	0.02	0.12
09ES	0375	S	<	<	58	16	153	5	<	145	4	<	<	1.6	14	35	349	<	27	63	897	22	98	3	4	0.01	1.69	0.62	3.04	1.07	0.28	0.02	0.12
09ES	0376	S	<	<	52	15	131	13	<	135	5	<	<	0.9	14	34	373	<	34	69	638	26	86	6	5	0.02	2.02	0.63	3.26	1.51	0.37	0.04	0.12
09ES	0377	S	<	<	57	13	149	14	<	130	5	<	<	1.2	15	35	440	<	29	65	751	23	88	4	5	0.01	1.84	0.57	3.32	1.21	0.31	0.02	0.11
09ES	0378	S	<	<	54	13	152	10	<	85	4	<	<	1.0	14	34	397	<	30	70	615	23	78	5	5	0.01	1.91	0.58	3.28	1.31	0.34	0.02	0.11
09ES	0379	S	<	<	46	13	133	9	<	130	3	<	<	1.0	14	32	375	<	27	61	554	22	96	3	4	0.02	1.73	0.67	3.05	1.12	0.25	0.02	0.11
09ES	0380	S	<	<	46	11	130	8	<	95	4	<	<	1.2	13	29	472	<	29	65	458	24	83	4	4	0.02	1.82	0.57	2.96	1.18	0.34	0.02	0.13
09ES	0380A	S	<	<	48	13	137	8	<	105	4	<	<	0.9	14	32	478	<	30	65	596	26	82	5	5	0.01	1.93	0.60	3.39	1.37	0.34	0.03	0.13
09ES	0381	S	<	<	46	15	147	11	<	130	4	<	<	1.0	14	33	399	<	29	66	583	25	97	4	4	0.02	1.87	0.67	3.34	1.25	0.27	0.02	0.12
09ES	0382	S	6	<	47	11	137	6	<	165	4	<	<	1.2	13	29	485	<	28	63	488	29	98	4	4	0.01	1.73	0.79	2.99	1.16	0.31	0.02	0.25
09ES	0383	S	<	<	39	12	133	6	<	70	4	<	<	0.5	13	29	371	<	27	59	463	21	76	3	4	0.01	1.71	0.53	3.13	1.16	0.22	0.02	0.11
09ES	0384	S	<	<	40	14	123	<	<	75	3	<	<	0.4	14	28	339	<	29	59	477	27	50	5	4	0.01	1.82	0.63	3.28	1.40	0.24	0.02	0.11
09ES	0385	S	<	<	39	10	126	<	<	75	3	<	<	0.4	14	29	383	<	31	61	435	28	46	5	4	0.01	1.97	0.56	3.29	1.43	0.28	0.02	0.10
09ES	0386	S	<	<	45	15	131	9	<	80	4	<	<	0.8	15	32	551	<	28	64	477	25	81	5	5	0.01	1.75	0.67	3.26	1.26	0.28	0.02	0.13
09ES	0387	S	<	<	39	12	114	7	<	75	3	<	<	1.2	13	27	364	<	27	58	427	24	61	5	4	0.01	1.66	0.55	2.96	1.23	0.24	0.02	0.11
09ES	0388	S	<	<	40	10	115	7	<	110	3	<	<	2.2	13	27	346	<	28	55	411	23	78	4	4	0.01	1.70	0.78	2.99	1.23	0.23	0.02	0.10
09ES	0389	S	<	<	40	11	112	9	<	60	3	<	<	0.5	15	34	667	<	27	48	630	21	56	5	4	0.02	1.49	0.71	3.24	0.95	0.22	0.03	0.15
09ES	0390	S	<	<	37	10	103	<	<	60	2	<	<	0.3	14	26	759	<	23	43	531	23	88	3	3	<	1.48	1.19	3.23	0.91	0.21	0.02	0.26
10ES	0453	S	<	<	62	9	118	<	<	165	3	<	<	1.2	19	51	650	<	62	100	507	21	50	2	4	0.09	1.92	1.20	3.84	1.27	0.18	0.05	0.14
10ES	0454	S	<	<	53	11	110	<	<	65	4	<	<	0.6	23	58	1139	<	61	129	490	19	51	3	5	0.13	2.12	0.91	4.11	1.51	0.24	0.09	0.15
10ES	0455	S	<	<	50	14	119	6	<	60	3	<	<	0.7	19	45	1021	<	42	91	497	21	47	2	4	0.08	1.83	0.89	3.59	1.09	0.19	0.06	0.14
10ES	0456	S	<	<	51	14	124	5	<	95	3	<	<	1.3	17	45	716	<	41	71	547	20	46	2	3	0.06	1.65	0.94	3.39	1.00	0.13	0.04	0.13
10ES	0457	S	<	<	50	16	107	7	<	95	4	<	<	0.5	17	42	723	<	38	76	503	19	55	2	3	0.06	1.60	1.08	3.45	0.84	0.11	0.04	0.14
10ES	0458	S	<	<	55	15	102	<	<	165	3	<	<	0.9	14	38	546	<	31	54	380	19	53	2	3	0.03	1.33	1.15	3.08	0.67	0.11	0.03	0.12
10ES	0459	S	<	<	55	17	121	<	<	90	4	<	<	0.8	19	46	673	<	32	66	743	20	41	2	4	0.04	1.38	0.56	3.59	0.87	0.20	0.05	0.11
10ES	0460	S	<	<	50	14	111	<	<	115	4	<	<	0.6	19	46	768	<	36	80	683	19	40	3	5	0.08	1.52	0.70	3.74	1.08	0.15	0.04	0.11
10ES	0461	S	<	<	46	15	111	<	<	95	4	<	<	0.7	18	43	842	<	36	69	452	19	47	2	4	0.06	1.49	0.84	3.52	0.91	0.14	0.03	0.12
10ES	0462	S	<	<	45	15	128	<	<	80	4	<	<	0.8	20	45	649	<	35	74	740	20	41	2	4	0.06	1.44	0.65	3.81	0.91	0.13	0.03	0.12
Min Limit			5	0.1	1	2	1	5	5	5	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*			9999	99.9	20000	20000	20000	9999	999	9999	999	999	9999	99.9	9999	9999	9999	999	9999	9999	9999	9999	9999	9999	9999	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method			GeoS	ICP	ICP	ICP	ICP	ICP	ICP	CVA	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No SampleS=Soil

INTERNATIONAL PLASMA LABORATORY LTD.

CERTIFICATE OF ANALYSIS
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Client : Nicholson & Associates
Project: PFC

259 Samples
259=Soil

[094916:54:48:79100697]

Out: Oct 05, 1997
In : Sep 23, 1997

Sample Name	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppb	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
10ES 0463 S	<	<	42	20	98	<	<	205	7	<	<	0.7	16	48	537	<	30	68	484	17	56	3	4	0.04	1.04	0.60	3.08	0.63	0.18	0.03	0.26
10ES 0464 S	<	<	49	19	132	5	<	255	5	<	<	0.9	18	50	768	<	40	82	462	21	65	2	4	0.07	1.53	0.97	3.81	0.91	0.12	0.04	0.19
10ES 0465 S	<	<	52	19	125	<	<	475	5	<	<	0.9	16	47	672	<	37	80	416	20	76	2	4	0.05	1.39	1.13	3.71	0.79	0.11	0.03	0.20
10ES 0466 S	<	<	54	21	125	<	<	455	5	<	<	1.0	16	53	661	<	38	75	495	20	84	2	4	0.05	1.34	1.41	3.66	0.76	0.11	0.03	0.21
10ES 0467 S	<	<	53	19	136	<	<	355	5	<	<	1.1	17	54	766	<	41	85	470	22	79	2	4	0.07	1.58	1.16	3.91	0.86	0.13	0.03	0.20
10ES 0468 S	<	<	54	23	139	<	<	340	6	<	<	0.5	17	54	740	<	36	78	519	23	86	2	4	0.05	1.38	1.04	4.19	0.75	0.14	0.03	0.29
10ES 0469 S	<	<	53	22	122	<	<	295	5	<	<	0.8	15	53	671	<	32	71	543	21	80	2	4	0.04	1.19	0.93	3.73	0.63	0.18	0.03	0.32
10ES 0470 S	<	<	52	22	135	<	<	285	5	<	<	0.4	17	54	721	<	36	77	510	22	77	2	4	0.05	1.39	0.93	4.09	0.76	0.13	0.03	0.26
10ES 0471 S	<	<	50	18	107	<	<	295	4	<	<	0.8	14	44	592	<	29	59	510	18	66	2	3	0.04	1.12	0.93	3.29	0.62	0.14	0.03	0.21
10ES 0472 S	<	<	50	22	123	<	<	225	5	<	<	0.9	16	52	696	<	33	72	589	21	72	2	4	0.05	1.30	0.89	3.76	0.75	0.17	0.04	0.25
10ES 0473 S	<	<	46	17	115	<	<	235	5	<	<	0.6	14	46	645	<	30	66	508	20	71	1	3	0.04	1.15	0.84	3.55	0.63	0.14	0.03	0.25
10ES 0474 S	<	<	49	20	126	<	<	415	4	<	<	1.2	16	51	671	<	36	68	453	20	73	2	3	0.05	1.37	1.19	3.51	0.78	0.11	0.03	0.18
10ES 0475 S	<	<	45	16	125	<	<	240	4	<	<	0.5	15	47	703	<	34	72	481	20	68	1	4	0.05	1.36	0.91	3.60	0.76	0.12	0.03	0.21
10ES 0476 S	<	<	54	22	135	5	<	225	5	<	<	0.8	17	52	681	<	34	71	668	24	71	2	4	0.04	1.34	0.83	3.96	0.74	0.20	0.03	0.27
10ES 0477 S	<	<	49	18	132	<	<	255	5	<	<	0.9	16	48	672	<	37	71	569	23	71	2	4	0.06	1.49	1.06	3.63	0.82	0.13	0.03	0.18
10ES 0478 S	<	<	45	19	134	8	<	230	4	<	<	1.1	17	46	678	<	37	75	456	24	69	2	4	0.06	1.55	1.05	3.56	0.85	0.13	0.03	0.18
10ES 0479 S	<	<	47	17	126	<	<	265	4	<	<	1.2	15	44	648	<	33	64	507	21	69	1	3	0.05	1.39	1.14	3.26	0.76	0.11	0.03	0.16
10ES 0480 S	<	<	50	19	131	<	<	265	4	<	<	0.9	16	46	580	<	31	63	607	23	82	2	4	0.03	1.36	1.19	3.64	0.76	0.17	0.03	0.21
10ES 0481 S	<	<	42	17	111	<	<	205	4	<	<	0.5	15	37	551	<	25	46	653	20	63	3	3	0.02	1.08	0.62	3.48	0.59	0.17	0.02	0.19
10ES 0482 S	<	<	38	16	100	<	<	175	3	<	<	0.3	13	30	450	<	21	38	462	21	54	3	3	<	1.00	0.59	3.17	0.50	0.14	0.02	0.15
10ES 0483 S	<	<	38	15	92	<	<	125	3	<	<	0.7	12	27	370	<	21	32	337	19	50	2	3	0.01	1.00	0.72	2.64	0.50	0.10	0.02	0.11
10ES 0484 S	<	<	40	12	99	<	<	155	3	<	<	1.0	11	30	436	<	22	37	362	20	60	2	3	0.02	1.15	0.96	2.68	0.57	0.11	0.02	0.12
10ES 0485 S	<	<	41	15	102	<	<	175	3	<	<	1.1	12	32	444	<	24	41	359	19	64	2	3	0.02	1.16	1.05	2.68	0.61	0.11	0.02	0.13
10ES 0486 S	<	<	34	12	100	<	<	170	2	<	<	0.9	12	29	427	<	22	39	306	19	52	1	3	0.02	1.09	0.76	2.68	0.58	0.09	0.02	0.12
10ES 0487 S	<	<	38	14	113	<	<	140	3	<	<	0.5	13	32	540	<	25	48	476	22	58	1	3	0.02	1.27	0.70	3.17	0.66	0.15	0.02	0.16
10ES 0488 S	<	<	40	16	104	<	<	185	3	<	<	1.1	12	32	483	<	24	42	375	21	62	2	3	0.03	1.20	0.99	2.76	0.63	0.12	0.02	0.12
10ES 0489 S	<	<	38	17	107	<	<	170	2	<	<	1.3	13	33	483	<	26	44	370	20	60	1	3	0.03	1.21	0.92	2.80	0.65	0.11	0.02	0.13
10ES 0490 S	<	<	33	15	103	<	<	145	3	<	<	1.0	12	31	473	<	25	48	310	21	54	1	3	0.03	1.18	0.76	2.83	0.64	0.10	0.02	0.13
10ES 0491 S	<	<	39	15	107	<	<	160	2	<	<	0.9	12	34	464	<	26	45	345	20	60	2	3	0.03	1.27	0.92	2.84	0.69	0.10	0.02	0.13
10ES 0492 S	<	<	34	16	102	<	<	135	3	<	<	1.3	13	33	427	<	25	47	297	19	50	2	3	0.03	1.14	0.73	2.73	0.64	0.10	0.02	0.12
10ES 0493 S	<	<	36	15	109	<	<	175	2	<	<	1.3	13	33	451	<	26	47	355	19	58	2	3	0.03	1.24	0.88	2.78	0.68	0.10	0.02	0.13
10ES 0494 S	<	<	40	15	111	<	<	220	3	<	<	1.1	13	35	478	<	28	48	389	20	63	2	3	0.03	1.28	0.97	2.96	0.70	0.10	0.02	0.13
10ES 0495 S	<	<	41	12	107	<	<	265	2	<	<	0.6	12	31	387	<	25	40	288	21	51	2	4	0.02	1.21	0.82	3.11	0.70	0.09	0.02	0.11
10ES 0496 S	<	<	43	13	100	<	<	255	3	<	<	1.1	11	31	422	<	24	38	378	17	70	1	3	0.02	1.18	1.25	2.50	0.66	0.09	0.02	0.11
10ES 0497 S	<	<	28	13	86	<	<	205	2	<	<	0.8	10	23	290	<	20	30	257	18	40	2	3	0.01	1.03	0.68	2.13	0.61	0.09	0.02	0.09
10ES 0498 S	14	<	26	11	84	<	<	245	2	<	<	0.7	10	26	396	<	26	47	219	22	46	1	3	0.04	1.13	0.70	2.32	0.58	0.11	0.02	0.11
10ES 0499 S	<	<	35	12	103	5	<	140	2	<	<	0.8	12	30	425	<	25	44	341	20	52	1	3	0.03	1.32	0.77	2.56	0.69	0.09	0.02	0.11
10ES 0500 S	<	<	39	10	84	<	<	165	2	<	<	0.6	9	25	318	<	21	30	283	20	54	2	4	0.01	1.11	0.99	2.14	0.64	0.09	0.02	0.09
10ES 0501 S	<	<	25	9	87	<	<	195	2	<	<	0.6	9	23	356	<	20	35	247	18	41	1	3	0.02	1.09	0.62	2.17	0.60	0.08	0.02	0.10
Min Limit	5	0.1	1	2	1	5	5	5	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*	9999	99.9	20000	20000	20000	9999	999	9999	999	999	9999	99.9	9999	9999	9999	999	9999	9999	9999	9999	9999	9999	9999	1.00	9.99	9.99	9.99	9.99	5.00	5.00
Method	GeoS	ICP	ICP	ICP	ICP	ICP	ICP	CVA	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No SampleS=Soil

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Client : Nicholson & Associates
Project: PFC

259 Samples
259=Soil

[094916:54:48:79100697]

Out: Oct 05, 1997
In : Sep 23, 1997

Sample Name		Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppb	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
10ES 0502	S	<	<	31	9	92	<	<	125	2	<	<	0.8	11	26	366	<	22	35	418	21	47	2	3	0.01	1.16	0.75	2.47	0.68	0.13	0.02	0.10
10ES 0503	S	<	<	26	10	88	<	<	100	2	<	<	0.5	11	23	367	<	22	36	382	20	43	2	3	0.02	1.20	0.63	2.30	0.64	0.12	0.02	0.10
10ES 0504	S	<	<	31	11	95	<	<	95	2	<	<	0.8	13	28	410	<	22	41	529	22	46	2	3	0.02	1.21	0.65	2.73	0.65	0.16	0.02	0.15
10ES 0505	S	<	<	23	8	75	<	<	90	2	<	<	0.2	9	20	310	<	19	33	361	18	41	1	3	0.02	1.10	0.64	1.94	0.53	0.09	0.02	0.09
10ES 0506	S	<	<	24	9	82	<	<	95	1	<	<	0.6	10	23	339	<	21	36	365	18	42	1	3	0.03	1.19	0.64	2.08	0.57	0.10	0.02	0.09
10ES 0507	S	<	<	35	12	112	8	<	125	2	<	<	1.4	13	27	403	<	25	42	586	20	52	2	4	0.02	1.25	0.81	2.38	0.64	0.13	0.02	0.10
10ES 0508	S	<	<	23	8	74	6	<	85	1	<	<	0.4	10	20	305	<	21	35	287	18	39	1	3	0.03	1.08	0.63	1.87	0.51	0.09	0.02	0.09
10ES 0509	S	<	<	22	8	77	6	<	75	2	<	<	0.4	10	21	302	<	20	35	298	18	39	1	3	0.03	1.12	0.61	1.97	0.54	0.09	0.02	0.09
10ES 0510	S	8	<	21	8	73	<	<	65	1	<	<	0.4	9	20	289	<	19	33	287	16	38	1	3	0.03	1.06	0.58	1.83	0.50	0.08	0.02	0.09
10ES 0511	S	<	<	25	9	75	<	<	105	1	<	<	0.3	9	22	313	<	19	33	410	16	43	1	3	0.02	1.09	0.71	1.92	0.51	0.07	0.02	0.09
10ES 0512	S	<	<	20	8	72	<	<	70	1	<	<	0.3	9	19	283	<	19	32	307	16	37	1	3	0.03	1.06	0.57	1.81	0.50	0.08	0.02	0.08
11ESS 0114	S	120	2.2	253	94	115	4401	16	230	3	<	12	0.7	42	16	165	29	27	52	1022	77	123	4	9	0.04	1.20	1.42	3.47	0.64	0.21	0.05	0.20
11ESS 0118	S	<	<	186	27	84	112	17	350	2	<	<	0.3	16	40	325	<	49	43	578	58	71	5	6	0.02	1.02	0.91	3.62	0.28	0.16	0.03	0.19
11ESS 0120	S	8	3.0	1440	141	346	2640	40	425	3	<	<	3.3	55	126	225	<	36	61	2817	68	56	4	6	0.03	1.34	0.91	4.34	0.38	0.31	0.05	0.16
11ESS 0121	S	<	2.0	1124	97	313	818	26	450	3	<	<	3.1	47	112	330	<	32	59	2544	59	64	4	6	0.02	1.31	0.99	4.16	0.31	0.21	0.04	0.15
11DS 0122	S	16	1.9	650	92	215	1000	22	355	2	<	<	2.2	32	78	332	<	38	65	1520	53	80	3	7	0.04	1.46	1.04	3.79	0.47	0.33	0.07	0.15
11ES 0123	S	26	2.7	535	125	177	1204	26	335	2	<	<	1.2	33	61	387	<	49	67	1200	58	91	2	7	0.03	1.48	0.87	4.42	0.50	0.27	0.04	0.15
11ES 0124	S	16	1.7	482	81	154	906	19	300	3	<	<	1.4	24	59	319	<	37	62	1096	46	71	3	6	0.04	1.34	0.94	3.53	0.45	0.29	0.06	0.14
11ES 0125	S	24	2.2	468	113	157	1124	26	265	2	<	<	1.2	27	46	343	<	37	60	991	48	74	2	6	0.03	1.31	0.93	3.92	0.43	0.23	0.05	0.15
11ES 0126	S	98	3.8	418	86	133	3737	23	280	3	<	21	0.7	49	27	339	10	37	71	1147	70	179	2	8	0.09	1.55	0.93	4.16	0.88	0.28	0.05	0.19
11ES 0131	S	30	1.0	80	55	212	480	<	100	4	<	9	1.9	15	30	239	<	31	59	1192	18	52	1	2	0.03	1.48	0.96	1.87	0.63	0.07	0.02	0.09
11ES 0132	S	22	0.6	68	49	200	591	<	55	3	<	3	2.6	14	33	256	<	31	62	714	22	50	1	3	0.05	1.76	0.81	2.18	0.67	0.10	0.03	0.08
11ES 0133	S	8	0.9	71	34	146	143	<	125	6	<	<	2.0	16	34	474	<	34	79	1767	29	57	1	3	0.03	1.79	1.02	2.42	0.76	0.08	0.02	0.11
11ES 0134	S	16	0.6	69	39	260	271	<	90	5	<	<	2.3	13	40	251	<	35	87	636	24	51	2	4	0.06	1.73	0.66	2.68	0.83	0.11	0.03	0.11
11ES 0135	S	24	0.6	50	76	333	148	<	80	5	<	<	2.5	11	28	248	<	32	83	496	25	57	2	4	0.06	1.76	0.79	2.48	0.68	0.09	0.02	0.09
11ES 0136	S	20	0.5	39	52	263	108	<	65	5	<	<	2.0	10	22	241	<	28	73	646	21	51	1	3	0.05	1.58	0.69	2.03	0.59	0.08	0.02	0.07
11ES 0137	S	20	0.5	43	49	265	126	<	65	4	<	<	1.8	9	25	270	<	31	71	426	22	49	1	3	0.05	1.71	0.69	2.16	0.66	0.08	0.02	0.08
11ES 0138	S	10	<	22	31	140	44	<	105	6	<	<	0.8	21	20	214	<	29	79	544	19	41	1	3	0.04	1.52	0.45	2.69	0.68	0.09	0.02	0.09
11ES 0139	S	6	<	40	31	194	72	<	70	4	<	<	1.8	11	27	336	<	26	64	629	21	54	1	3	0.04	1.49	0.74	2.21	0.69	0.12	0.02	0.09
11ES 0140	S	<	<	28	19	128	34	<	145	2	<	<	1.0	8	22	298	<	22	49	434	19	44	1	3	0.03	1.18	0.66	1.68	0.53	0.11	0.02	0.08
11ES 0141	S	<	<	36	25	162	51	<	115	4	<	<	1.4	10	27	367	<	26	64	600	21	54	2	3	0.03	1.45	0.76	2.19	0.69	0.15	0.02	0.09
11ES 0142	S	<	<	25	15	114	27	<	120	2	<	<	0.7	8	22	323	<	22	53	442	18	45	1	3	0.03	1.18	0.63	1.70	0.54	0.13	0.02	0.08
11ES 0143	S	<	<	25	15	126	29	<	115	3	<	<	0.7	8	22	329	<	24	59	400	20	44	1	3	0.04	1.32	0.58	1.88	0.61	0.16	0.02	0.09
11ES 0144	S	12	<	21	7	61	5	<	45	1	<	<	0.1	8	18	219	<	19	36	184	15	25	2	3	0.05	0.96	0.35	1.69	0.40	0.06	0.02	0.08
11ES 0145	S	<	<	22	10	75	16	<	45	2	<	<	0.7	10	22	262	<	23	44	279	16	29	2	3	0.05	1.01	0.47	1.99	0.43	0.07	0.03	0.09
11ES 0146	S	<	<	32	17	135	33	<	75	4	<	<	1.5	10	26	322	<	25	59	427	20	45	2	3	0.04	1.29	0.62	2.13	0.60	0.13	0.02	0.10
11ES 0148	S	8	3.9	119	827	1995	108	83	1820	6	<	<	22.3	31	62	173	<	30	65	7982	47	71	3	8	0.03	1.79	0.69	7.40	0.74	0.12	0.03	0.12
11ES 0151	S	<	5.5	46	607	1219	22	30	375	2	<	<	4.4	12	30	155	<	40	65	1076	38	32	4	6	0.05	2.15	0.63	3.92	1.19	0.15	0.04	0.11
11ES 0152	S	<	3.4	34	390	763	22	21	240	2	<	<	2.6	11	28	159	<	40	64	1033	33	28	3	4	0.04	2.22	0.59	3.49	1.17	0.13	0.03	0.11
Min Limit		5	0.1	1	2	1	5	5	5	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*		9999	99.9	20000	20000	20000	9999	999	9999	999	999	9999	99.9	9999	9999	9999	999	9999	9999	9999	9999	9999	9999	9999	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method		GeoS	ICP	ICP	ICP	ICP	ICP	ICP	CVA	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No SampleS=Soil

INTERNATIONAL PLASMA LABORATORY LTD.

CERTIFICATE OF ANALYSIS
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Client : Nicholson & Associates
Project: PFC

259 Samples
259=Soil

[094916:54:48:79100697]

Out: Oct 05, 1997
In : Sep 23, 1997

Sample Name		Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppb	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
11ES 0153	S	<	2.0	43	383	665	17	25	225	1	<	<	4.4	13	32	180	<	30	42	1264	29	43	3	5	0.02	1.32	0.80	3.65	0.80	0.10	0.03	0.12
11ES 0154	S	<	1.2	31	175	353	14	14	175	2	<	<	2.7	9	24	164	<	26	40	656	25	46	3	4	0.03	1.30	0.82	2.69	0.68	0.10	0.04	0.11
11ES 0155	S	<	1.4	33	244	461	20	19	165	2	<	<	4.8	11	26	162	<	30	49	850	29	45	3	4	0.05	1.51	0.75	2.99	0.77	0.11	0.04	0.12
11ES 0156	S	<	1.5	35	248	477	26	18	180	2	<	<	5.1	11	29	183	<	31	48	903	28	50	2	4	0.04	1.70	0.88	3.00	0.85	0.13	0.05	0.12
11ES 0157	S	8	1.0	41	389	553	28	25	145	2	<	<	5.3	13	32	206	<	31	47	1466	32	49	4	4	0.02	1.76	0.84	3.26	1.14	0.25	0.04	0.15
11ES 0159	S	<	1.5	38	329	535	40	21	220	3	<	<	3.8	12	30	184	<	32	49	1043	29	47	3	4	0.04	1.67	0.79	3.18	0.91	0.14	0.05	0.12
11ES 0160	S	<	0.8	41	316	545	48	18	130	2	<	<	4.8	13	32	207	<	30	47	1306	29	49	3	4	0.02	1.66	0.85	3.18	1.03	0.22	0.05	0.12
11ES 0161	S	<	1.6	43	345	564	51	20	240	2	<	<	4.1	13	32	200	<	33	49	1104	29	47	3	4	0.04	1.67	0.82	3.27	0.91	0.14	0.05	0.12
11ES 0162	S	<	0.8	40	287	550	47	15	145	2	<	<	4.6	12	31	219	<	30	48	1275	29	45	3	4	0.03	1.67	0.76	3.20	1.06	0.24	0.05	0.12
11ES 0163	S	<	0.5	38	273	492	81	18	145	3	<	<	5.2	12	28	231	<	31	46	1317	28	64	5	4	0.03	1.71	1.19	2.89	1.05	0.28	0.07	0.16
11ES 0164	S	<	1.0	41	229	486	117	15	195	3	<	<	3.9	14	31	191	<	28	42	963	27	45	3	4	0.03	1.26	0.90	3.03	0.70	0.12	0.03	0.11
11ES 0165	S	<	0.4	43	253	461	95	14	165	2	<	<	3.7	14	32	193	<	32	49	819	31	56	4	4	0.03	1.65	1.00	3.04	0.98	0.23	0.06	0.12
11ESS 0191	S	<	<	68	32	167	11	<	85	7	<	<	0.9	14	33	332	<	27	59	912	12	51	<	1	<	1.23	0.19	3.54	0.29	0.14	0.02	0.18
11ESS 0192	S	6	<	70	38	167	<	<	60	5	<	<	0.6	14	32	360	<	19	46	1002	12	48	<	1	<	0.72	0.15	3.25	0.14	0.19	0.02	0.17
11ESS 0193	S	12	0.2	37	19	86	<	<	360	3	<	<	1.0	9	22	499	<	19	38	766	11	65	4	3	<	0.82	1.40	2.55	0.23	0.19	0.02	0.13
11ESS 0194	S	<	<	45	14	131	<	<	275	4	<	<	1.2	9	30	361	<	22	48	441	13	59	3	3	<	0.71	1.12	3.06	0.23	0.21	0.02	0.17
11ESS 0195	S	6	<	121	27	81	10	<	365	3	<	<	0.9	10	25	1060	<	17	22	1637	18	139	4	3	<	1.40	2.28	2.20	0.31	0.13	0.02	0.13
11ESS 0196	S	<	<	53	11	66	<	<	1070	2	<	<	1.4	9	27	453	<	11	18	427	14	125	3	1	<	0.65	2.81	1.84	0.42	0.08	0.02	0.14
11ESS 0197	S	<	0.1	53	30	182	<	<	1480	7	<	<	1.0	17	45	309	<	14	39	464	20	82	2	4	<	0.55	1.01	4.37	0.24	0.15	0.02	0.15
11ESS 0198	S	<	1.0	105	59	144	<	8	420	5	<	<	0.8	34	108	450	<	74	97	937	14	70	2	11	<	0.75	1.57	5.58	0.66	0.09	0.02	0.15
11ESS 0199	S	<	1.5	97	88	231	8	13	505	7	<	<	1.3	35	101	452	<	60	97	1251	21	87	2	12	<	0.85	1.15	6.36	0.56	0.11	0.02	0.19
11ESS 0200	S	<	1.7	52	151	270	43	17	470	4	<	<	2.9	19	45	328	<	34	69	907	17	58	2	6	0.02	0.93	1.21	3.95	0.52	0.11	0.02	0.14
11ESS 0201	S	<	0.5	61	34	153	14	5	95	3	<	<	0.9	16	35	378	<	29	65	604	22	61	1	3	0.03	1.48	1.03	3.61	0.72	0.13	0.02	0.11
11ESS 0202	S	<	0.5	58	32	145	15	<	150	4	<	<	0.9	15	34	382	<	29	65	531	21	59	1	3	0.04	1.44	1.00	3.44	0.69	0.12	0.02	0.11
11ESS 0203	S	<	0.6	61	37	150	16	5	125	4	<	<	1.1	16	36	360	<	31	68	583	22	59	1	4	0.04	1.46	1.05	3.49	0.70	0.13	0.03	0.11
11ESS 0204	S	<	0.7	61	41	153	20	7	155	4	<	<	1.2	15	35	372	<	30	66	393	19	60	1	3	0.04	1.45	1.12	3.26	0.72	0.13	0.03	0.11
11ESS 0205	S	<	0.3	51	58	163	13	7	170	3	<	<	1.0	15	33	314	<	26	54	701	20	45	2	4	0.02	1.07	0.65	3.30	0.54	0.15	0.02	0.10
14ESS 0069	S	<	<	36	17	89	15	<	160	3	<	<	0.9	9	24	254	<	27	52	300	15	23	<	1	0.02	1.35	0.22	2.39	0.47	0.07	0.02	0.11
14ESS 0070	S	<	<	31	14	89	9	<	65	3	<	<	0.9	11	26	332	<	34	55	718	12	24	<	1	0.02	1.39	0.29	2.57	0.55	0.05	0.02	0.10
14ESS 0072	S	<	<	34	14	120	9	<	135	2	<	<	1.4	10	36	307	<	44	50	351	17	51	1	2	0.03	1.46	0.80	2.49	0.69	0.06	0.02	0.10
14ESS 0074	S	<	<	34	18	96	11	<	110	2	<	<	2.6	9	25	356	<	28	38	552	15	65	1	1	0.02	1.18	1.17	2.00	0.50	0.06	0.02	0.09
14ESS 0075	S	<	<	40	31	97	84	<	65	1	<	<	0.8	11	28	362	<	35	61	290	18	34	1	3	0.07	1.60	0.45	2.63	0.64	0.08	0.03	0.09
14ES 0076	S	<	<	36	12	101	21	<	130	1	<	<	1.0	6	19	350	<	20	27	363	8	79	2	1	0.02	0.82	2.17	1.27	0.39	0.06	0.03	0.11
14ES 0078	S	<	<	34	23	127	22	<	190	2	<	<	1.4	12	31	431	<	31	44	636	24	72	1	3	0.03	1.55	1.21	2.50	0.64	0.07	0.02	0.10
14ES 0082	S	<	<	36	32	147	56	<	130	2	<	<	1.1	13	28	309	<	31	49	530	21	58	1	3	0.05	1.46	0.92	2.44	0.70	0.10	0.03	0.10
18ESS 0157	S	<	<	21	12	70	9	<	50	2	<	<	0.8	8	17	243	<	25	52	353	13	13	<	1	0.02	1.47	0.12	2.44	0.41	0.08	0.02	0.07
18ESS 0158	S	<	<	26	11	91	10	<	55	3	<	<	0.8	20	21	446	<	23	48	1240	14	24	<	1	0.02	1.53	0.24	2.43	0.51	0.10	0.02	0.09
18ESS 0159	S	<	<	26	11	64	<	<	45	3	<	<	0.9	8	15	639	<	20	58	382	15	17	<	1	0.02	1.12	0.14	2.35	0.24	0.11	0.02	0.09
18ESS 0161	S	<	0.2	35	7	109	6	<	155	3	<	<	1.5	9	25	1131	<	21	39	470	18	70	1	2	0.01	1.49	1.03	1.95	0.59	0.11	0.02	0.10
Min Limit		5	0.1	1	2	1	5	5	5	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*		9999	99.9	20000	20000	20000	9999	999	9999	999	999	9999	99.9	9999	9999	9999	999	9999	9999	9999	9999	9999	9999	9999	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method		GeoS	ICP	ICP	ICP	ICP	ICP	ICP	CVA	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No SampleS=Soil

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Client : Nicholson & Associates
Project: PFC

259 Samples
259=Soil

[094916:54:48:79100697]

Out: Oct 05, 1997
In : Sep 23, 1997

Sample Name		Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppb	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
18ESS 0162	S	<	<	28	11	67	12	<	135	2	<	<	0.6	8	19	620	<	22	35	190	17	51	1	2	0.01	1.34	0.79	1.55	0.48	0.06	0.02	0.08
18ESS 0163	S	<	1.1	42	13	89	14	<	325	3	<	<	2.2	8	28	1113	<	20	43	448	14	121	2	2	0.01	1.19	1.75	1.46	0.48	0.08	0.02	0.10
18ESS 0164	S	<	<	29	14	87	16	<	100	2	<	<	1.0	10	24	616	<	25	44	388	18	46	1	3	0.03	1.50	0.67	2.07	0.62	0.09	0.02	0.10
18ESS 0165	S	<	<	29	13	83	13	<	50	2	<	<	0.6	9	22	664	<	27	45	224	18	48	1	4	0.03	1.57	0.73	2.07	0.65	0.09	0.02	0.09
18ESS 0166	S	<	<	35	13	83	13	<	115	3	<	<	1.6	10	23	602	<	25	41	493	17	49	1	3	0.02	1.43	0.76	2.00	0.59	0.09	0.02	0.10
18ESS 0167	S	<	<	22	10	79	11	<	65	2	<	<	0.3	9	19	526	<	25	46	296	15	40	1	3	0.03	1.41	0.58	1.97	0.70	0.09	0.02	0.08
18ESS 0168	S	<	<	34	10	80	7	<	90	1	<	<	0.9	9	22	565	<	21	32	462	16	76	1	3	0.02	1.29	1.03	1.79	0.64	0.10	0.02	0.08
18ESS 0169	S	<	<	15	11	52	<	<	85	1	<	<	0.6	8	19	641	<	20	15	151	15	116	2	3	<	1.18	2.45	2.17	0.78	0.14	0.02	0.07
18ESS 0170	S	<	<	40	11	92	9	<	110	1	<	<	0.9	9	25	620	<	22	28	296	20	107	2	4	0.01	1.31	1.74	2.08	0.83	0.10	0.02	0.10
18ESS 0171	S	<	<	26	11	71	<	<	85	2	<	<	0.4	8	21	508	<	19	24	194	16	97	2	3	0.01	1.09	1.82	1.87	0.74	0.11	0.02	0.09
18ESS 0172	S	<	<	33	11	87	8	<	55	2	<	<	0.5	9	25	574	<	24	29	179	18	92	2	4	0.02	1.42	1.62	1.96	0.74	0.11	0.02	0.10
18ESS 0173	S	<	<	31	11	85	5	<	135	1	<	<	0.3	7	22	546	<	20	27	181	17	89	2	3	0.01	1.21	1.61	1.85	0.65	0.09	0.02	0.09
18ESS 0174	S	<	<	29	10	77	5	<	180	2	<	<	0.2	7	22	357	<	20	22	284	12	138	2	2	0.01	1.11	2.01	1.64	0.73	0.09	0.02	0.09
18ESS 0175	S	<	<	27	14	64	<	<	190	2	<	<	0.6	13	26	780	<	16	18	3976	13	145	2	4	<	0.99	2.17	2.89	0.57	0.12	0.02	0.07
18ESS 0176	S	<	<	39	25	84	<	<	360	2	<	<	0.6	14	32	789	<	12	16	699	9	81	4	4	<	0.62	1.00	2.84	0.22	0.14	0.02	0.05
18ESS 0177	S	<	<	38	22	85	<	<	230	3	<	<	0.8	16	30	648	<	12	18	599	8	81	4	4	<	0.57	1.09	2.76	0.24	0.11	0.02	0.04
18ESS 0178	S	<	<	27	17	85	<	<	225	3	<	<	0.7	12	25	505	<	14	18	424	10	75	2	3	<	0.68	1.05	2.42	0.30	0.10	0.02	0.05
18ESS 0179	S	<	<	24	14	78	<	<	225	2	<	<	0.4	10	22	492	<	14	21	329	10	71	2	3	<	0.80	0.99	2.08	0.39	0.10	0.02	0.07
18ESS 0180	S	<	<	33	14	72	6	<	110	2	<	<	0.2	10	23	459	<	17	22	559	11	92	2	3	<	1.02	1.35	1.91	0.54	0.09	0.02	0.07
18ESS 0181	S	24	<	29	15	71	<	<	190	2	<	<	0.5	10	23	462	<	15	20	297	11	88	2	3	<	0.87	1.22	2.28	0.45	0.11	0.02	0.07
18ESS 0182	S	<	<	31	13	75	<	<	175	2	<	<	0.2	9	22	404	<	19	24	410	12	90	2	3	0.01	1.10	1.17	2.01	0.60	0.11	0.02	0.07
18ESS 0183	S	<	<	34	16	92	<	<	110	3	<	<	<	13	28	469	<	17	27	548	12	82	2	3	<	1.05	1.15	3.03	0.62	0.17	0.02	0.08
20CS 0037	S	6	2.1	50	13	131	7	<	255	5	<	<	2.6	5	26	634	<	31	127	122	10	60	<	1	0.01	1.12	0.27	1.98	0.29	0.11	0.02	0.18
20ESS 0016	S	<	1.0	116	117	815	96	70	250	2	<	<	16.1	33	63	168	<	47	64	775	66	20	5	9	0.01	2.25	0.31	3.03	0.73	0.54	0.02	0.11
20ESS 0021	S	<	0.6	42	29	86	28	19	105	2	<	<	0.1	13	29	137	<	21	25	522	39	51	3	5	<	0.93	1.35	3.35	0.37	0.17	0.02	0.13
Min Limit		5	0.1	1	2	1	5	5	5	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*		9999	99.9	20000	20000	20000	9999	999	9999	999	999	9999	99.9	9999	9999	9999	999	9999	9999	9999	9999	9999	9999	9999	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method		GeoS	ICP	ICP	ICP	ICP	ICP	ICP	CVA	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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CERTIFICATE OF ANALYSIS
iPL 97I0976

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Nicholson & Associates

Project : Norex
Shipper : George Nicholson
Shipment: PO#:
Analysis:
Au(FA/AAS 30g) Au(g/mt) ICP(AqR)30

Comment:

8 Samples *Out: Sep 30, 1997* *In: Sep 29, 1997* [097615:04:11:79100297]

CODE	AMOUNT	TYPE	PREPARATION DESCRIPTION	PULP 12M/Dis	REJECT 03M/Dis
B211	8	Rock	crush, split & pulverize		

NS=No Sample Rep=Replicate M=Month Dis=Discard

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Analytical Summary

##	Code	Method	Units	Description	Element	Limit Low	Limit High
01	0313	FA/AAS	ppb	Au FA/AAS finish 30g	Gold	2	10000
02	0364	FAGrav	g/mt	Au FA/Grav in g/mt	Gold	0.07	1000.00
03	0721	ICP	ppm	Ag ICP	Silver	0.1	100.0
04	0711	ICP	ppm	Cu ICP	Copper	1	20000
05	0714	ICP	ppm	Pb ICP	Lead	2	20000
06	0730	ICP	ppm	Zn ICP	Zinc	1	20000
07	0703	ICP	ppm	As ICP	Arsenic	5	10000
08	0702	ICP	ppm	Sb ICP	Antimony	5	1000
09	0732	ICP	ppm	Hg ICP	Mercury	3	10000
10	0717	ICP	ppm	Mo ICP	Molydenum	1	1000
11	0747	ICP	ppm	Tl ICP (Incomplete Digestion)	Thallium	10	1000
12	0705	ICP	ppm	Bi ICP	Bismuth	2	10000
13	0707	ICP	ppm	Cd ICP	Cadmium	0.1	100.0
14	0710	ICP	ppm	Co ICP	Cobalt	1	10000
15	0718	ICP	ppm	Ni ICP	Nickel	1	10000
16	0704	ICP	ppm	Ba ICP (Incomplete Digestion)	Barium	2	10000
17	0727	ICP	ppm	W ICP (Incomplete Digestion)	Tungsten	5	1000
18	0709	ICP	ppm	Cr ICP (Incomplete Digestion)	Chromium	1	10000
19	0729	ICP	ppm	V ICP	Vanadium	2	10000
20	0716	ICP	ppm	Mn ICP	Manganese	1	10000
21	0713	ICP	ppm	La ICP (Incomplete Digestion)	Lanthanum	2	10000
22	0723	ICP	ppm	Sr ICP (Incomplete Digestion)	Strontium	1	10000
23	0731	ICP	ppm	Zr ICP	Zirconium	1	10000
24	0736	ICP	ppm	Sc ICP	Scandium	1	10000
25	0726	ICP	%	Ti ICP (Incomplete Digestion)	Titanium	0.01	1.00
26	0701	ICP	%	Al ICP (Incomplete Digestion)	Aluminum	0.01	10.00
27	0708	ICP	%	Ca ICP (Incomplete Digestion)	Calcium	0.01	10.00
28	0712	ICP	%	Fe ICP	Iron	0.01	10.00
29	0715	ICP	%	Mg ICP (Incomplete Digestion)	Magnesium	0.01	10.00
30	0720	ICP	%	K ICP (Incomplete Digestion)	Potassium	0.01	10.00
31	0722	ICP	%	Na ICP (Incomplete Digestion)	Sodium	0.01	5.00
32	0719	ICP	%	P ICP	Phosphorus	0.01	5.00

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BC Certified Assayer: David Chiu

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Fax (604) 879-7898

Client : Nicholson & Associates
Project: Norex

8 Samples
8=Rock

[097615:04:11:79100297]

Out: Sep 30, 1997
In : Sep 29, 1997

Sample Name	Type	Au ppb	Au g/mt	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm
SN5R 1	Rock	<2	—	<0.1	3	5	11	<5	<5	<3	1	<10	<2	<0.1	<1	6	126	<5	210
SN5R 2	Rock	3	—	<0.1	11	3	34	<5	<5	<3	2	<10	<2	0.4	4	8	210	<5	99
SN5R 5	Rock	<2	—	<0.1	4	11	42	<5	<5	<3	1	<10	<2	<0.1	3	5	58	<5	83
SN5R 8	Rock	<2	—	<0.1	3	59	28	<5	<5	<3	2	<10	<2	<0.1	2	5	138	<5	153
SN5R 10	Rock	2	—	<0.1	5	7	52	<5	<5	<3	1	<10	<2	<0.1	5	10	175	<5	214
SN5R 13	Rock	<2	—	<0.1	6	3	11	8	<5	<3	7	<10	<2	<0.1	1	12	52	<5	377
SN5R 19	Rock	2	—	<0.1	5	26	22	<5	<5	<3	<1	<10	<2	0.1	<1	4	169	<5	123
SN5R 21	Rock	<2	—	0.3	4	10	17	11	<5	<3	2	<10	<2	<0.1	1	6	233	<5	208
Minimum Detection		2	0.07	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1
Maximum Detection		10000	1000.00	100.0	20000	20000	20000	10000	1000	10000	1000	1000	10000	100.0	10000	10000	10000	1000	10000
Method		FA/AAS	FAGrav	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Client : Nicholson & Associates
Project: Norex

8 Samples
8=Rock

[097615:04:11:79100297]

Out: Sep 30, 1997
In : Sep 29, 1997

Sample Name	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
SN5R 1	<2	120	9	3	5	<1	<0.01	0.26	0.02	0.37	0.04	0.22	0.06	<0.01
SN5R 2	6	334	17	69	4	2	0.05	0.55	0.48	1.26	0.24	0.36	0.04	0.04
SN5R 5	11	214	13	11	19	2	0.04	0.69	0.20	1.55	0.19	0.14	0.05	0.04
SN5R 8	2	494	22	4	21	1	<0.01	0.43	0.05	1.02	0.04	0.19	0.06	0.02
SN5R 10	11	325	6	12	2	2	0.07	0.95	0.26	1.76	0.54	0.23	0.02	0.05
SN5R 13	3	111	37	7	34	1	<0.01	0.48	0.03	1.25	0.03	0.28	0.06	<0.01
SN5R 19	<2	169	15	3	8	1	<0.01	0.39	0.02	0.44	0.08	0.34	0.04	<0.01
SN5R 21	<2	71	13	6	15	1	<0.01	0.26	0.01	0.87	0.02	0.24	0.09	<0.01
Minimum Detection	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	1.00	10.00	10.00	10.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Nicholson & Associates

11 Samples Out: Sep 30, 1997 In: Sep 29, 1997 [097515:03:41:79100297]

Project : PFC
Shipper : George Nicholson
Shipment: PO#:
Analysis:
Au(FA/AAS 30g) Au(g/mt) ICP(AqR)30

Comment:

CODE	AMOUNT	TYPE	PREPARATION DESCRIPTION	PULP	REJECT
B211	11	Rock	crush, split & pulverize	12M/Dis	03M/Dis

NS=No Sample Rep=Replicate M=Month Dis=Discard

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Analytical Summary

##	Code	Method	Units	Description	Element	Limit Low	Limit High
01	0313	FA/AAS	ppb	Au FA/AAS finish 30g	Gold	2	10000
02	0364	FAGrav	g/mt	Au FA/Grav in g/mt	Gold	0.07	1000.00
03	0721	ICP	ppm	Ag ICP	Silver	0.1	100.0
04	0711	ICP	ppm	Cu ICP	Copper	1	20000
05	0714	ICP	ppm	Pb ICP	Lead	2	20000
06	0730	ICP	ppm	Zn ICP	Zinc	1	20000
07	0703	ICP	ppm	As ICP	Arsenic	5	10000
08	0702	ICP	ppm	Sb ICP	Antimony	5	1000
09	0732	ICP	ppm	Hg ICP	Mercury	3	10000
10	0717	ICP	ppm	Mo ICP	Molydenum	1	1000
11	0747	ICP	ppm	Tl ICP (Incomplete Digestion)	Thallium	10	1000
12	0705	ICP	ppm	Bi ICP	Bismuth	2	10000
13	0707	ICP	ppm	Cd ICP	Cadmium	0.1	100.0
14	0710	ICP	ppm	Co ICP	Cobalt	1	10000
15	0718	ICP	ppm	Ni ICP	Nickel	1	10000
16	0704	ICP	ppm	Ba ICP (Incomplete Digestion)	Barium	2	10000
17	0727	ICP	ppm	W ICP (Incomplete Digestion)	Tungsten	5	1000
18	0709	ICP	ppm	Cr ICP (Incomplete Digestion)	Chromium	1	10000
19	0729	ICP	ppm	V ICP	Vanadium	2	10000
20	0716	ICP	ppm	Mn ICP	Manganese	1	10000
21	0713	ICP	ppm	La ICP (Incomplete Digestion)	Lanthanum	2	10000
22	0723	ICP	ppm	Sr ICP (Incomplete Digestion)	Strontium	1	10000
23	0731	ICP	ppm	Zr ICP	Zirconium	1	10000
24	0736	ICP	ppm	Sc ICP	Scandium	1	10000
25	0726	ICP	%	Ti ICP (Incomplete Digestion)	Titanium	0.01	1.00
26	0701	ICP	%	Al ICP (Incomplete Digestion)	Aluminum	0.01	10.00
27	0708	ICP	%	Ca ICP (Incomplete Digestion)	Calcium	0.01	10.00
28	0712	ICP	%	Fe ICP	Iron	0.01	10.00
29	0715	ICP	%	Mg ICP (Incomplete Digestion)	Magnesium	0.01	10.00
30	0720	ICP	%	K ICP (Incomplete Digestion)	Potassium	0.01	10.00
31	0722	ICP	%	Na ICP (Incomplete Digestion)	Sodium	0.01	5.00
32	0719	ICP	%	P ICP	Phosphorus	0.01	5.00

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Client : Nicholson & Associates
Project: PFC

11 Samples
11=Rock

[097515:03:41:79100297]

Out: Sep 30, 1997
In : Sep 29, 1997

Sample Name	Type	Au ppb	Au g/mt	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm
2ER 274	Rock	<2	—	0.4	10	24	65	45	<5	<3	2	<10	<2	1.0	11	14	236	<5	85
2ER 275	Rock	15	—	0.3	67	18	38	24	6	<3	2	<10	<2	0.8	9	26	152	<5	59
2ER 276	Rock	2	—	0.6	91	58	25	60	22	<3	4	<10	<2	0.6	21	42	95	<5	122
2ER 373	Rock	24	—	0.3	4	6	31	146	5	<3	2	<10	12	1.1	10	17	40	<5	48
2ER 377	Rock	<2	—	0.8	55	310	180	31	14	<3	3	<10	<2	2.4	12	25	98	<5	81
2ER 378	Rock	<2	—	0.8	28	52	524	17	6	<3	1	<10	<2	9.5	6	8	107	<5	38
2ER 379	Rock	44	—	0.4	7	20	21	1.3%	25	<3	3	<10	5	0.8	17	29	40	6	15
2ER 380	Rock	<2	—	10.9	4225	17	113	797	14	<3	2	<10	<2	1.5	20	60	65	<5	28
2ER 381	Rock	<2	—	0.3	31	8	29	865	7	<3	1	<10	<2	0.2	15	19	67	<5	49
2ER 382	Rock	4	—	0.3	94	5	12	119	6	<3	3	<10	<2	0.5	15	39	123	<5	93
2ER 383	Rock	<2	—	0.3	163	13	17	71	13	<3	8	<10	<2	0.4	16	50	101	<5	123
Minimum Detection		2	0.07	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1
Maximum Detection		10000	1000.00	100.0	20000	20000	20000	10000	1000	10000	1000	1000	10000	100.0	10000	10000	10000	1000	10000
Method		FA/AAS	FAGrav	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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iPL 97I0977

Nicholson & Associates

Project : Norex
Shipper : George Nicholson
Shipment: PO#:
Analysis:
Au(AqR/Ext/AAS/10g) ICP(AqR)29 Hg

Comment:

96 Samples Out: Oct 06, 1997 In: Sep 29, 1997 [097717:27:56:79100697]

CODE	AMOUNT	TYPE	PREPARATION DESCRIPTION	PULP	REJECT
B111	96	Soil	Dry & sift to -80 mesh, discard reject.	12M/Dis	00M/Dis

NS=No Sample Rep=Replicate M=Month Dis=Discard

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Analytical Summary

##	Code	Method	Units	Description	Element	Limit Low	Limit High
01	0513	GeoSp	ppb	Au AqR/Ext/AAS 10g	Gold	5	9999
02	0721	ICP	ppm	Ag ICP	Silver	0.1	99.9
03	0711	ICP	ppm	Cu ICP	Copper	1	20000
04	0714	ICP	ppm	Pb ICP	Lead	2	20000
05	0730	ICP	ppm	Zn ICP	Zinc	1	20000
06	0703	ICP	ppm	As ICP	Arsenic	5	9999
07	0702	ICP	ppm	Sb ICP	Antimony	5	999
08	0520	CVA	ppb	Hg Cold Vapor/AAS	Mercury	5	9999
09	0717	ICP	ppm	Mo ICP	Molydenum	1	999
10	0747	ICP	ppm	Tl ICP (Incomplete Digestion)	Thallium	10	999
11	0705	ICP	ppm	Bi ICP	Bismuth	2	9999
12	0707	ICP	ppm	Cd ICP	Cadmium	0.1	99.9
13	0710	ICP	ppm	Co ICP	Cobalt	1	9999
14	0718	ICP	ppm	Ni ICP	Nickel	1	9999
15	0704	ICP	ppm	Ba ICP (Incomplete Digestion)	Barium	2	9999
16	0727	ICP	ppm	W ICP (Incomplete Digestion)	Tungsten	5	999
17	0709	ICP	ppm	Cr ICP (Incomplete Digestion)	Chromium	1	9999
18	0729	ICP	ppm	V ICP	Vanadium	2	9999
19	0716	ICP	ppm	Mn ICP	Manganese	1	9999
20	0713	ICP	ppm	La ICP (Incomplete Digestion)	Lanthanum	2	9999
21	0723	ICP	ppm	Sr ICP (Incomplete Digestion)	Strontium	1	9999
22	0731	ICP	ppm	Zr ICP	Zirconium	1	9999
23	0736	ICP	ppm	Sc ICP	Scandium	1	9999
24	0726	ICP	%	Ti ICP (Incomplete Digestion)	Titanium	0.01	1.00
25	0701	ICP	%	Al ICP (Incomplete Digestion)	Aluminum	0.01	9.99
26	0708	ICP	%	Ca ICP (Incomplete Digestion)	Calcium	0.01	9.99
27	0712	ICP	%	Fe ICP	Iron	0.01	9.99
28	0715	ICP	%	Mg ICP (Incomplete Digestion)	Magnesium	0.01	9.99
29	0720	ICP	%	K ICP (Incomplete Digestion)	Potassium	0.01	9.99
30	0722	ICP	%	Na ICP (Incomplete Digestion)	Sodium	0.01	5.00
31	0719	ICP	%	P ICP	Phosphorus	0.01	5.00

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* Our liability is limited solely to the analytical cost of these analyses.

BC Certified Assayer: David Chiu

INTERNATIONAL PLASMA LABORATORY LTD.

CERTIFICATE OF ANALYSIS
iPL 97I0977

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Client : Nicholson & Associates
Project: Norex

96 Samples
96=Soil

[097717:27:56:79100697]

Out: Oct 06, 1997
In : Sep 29, 1997

Sample Name		Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppb	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
AN5S 001	S	18	0.2	21	19	75	12	<	30	1	<	<	0.8	9	19	262	<	21	35	1062	19	63	1	3	0.03	0.95	0.70	1.96	0.45	0.06	0.03	0.07
AN5S 002	S	6	0.2	15	14	54	8	<	15	1	<	<	0.4	7	16	196	<	18	32	647	15	45	1	2	0.04	0.82	0.50	1.80	0.39	0.04	0.03	0.06
AN5S 003	S	<	0.3	14	15	64	21	<	35	1	<	<	1.0	9	17	286	<	20	36	1647	20	67	1	2	0.03	0.95	0.70	2.21	0.44	0.06	0.03	0.07
AN5S 004	S	<	0.2	13	15	67	10	<	25	1	<	<	0.5	7	15	223	<	18	29	611	19	56	1	2	0.03	0.88	0.62	1.78	0.41	0.06	0.02	0.06
AN5S 005	S	<	0.3	19	26	80	12	<	45	1	<	<	0.7	7	15	248	<	18	27	557	25	72	1	2	0.03	0.96	0.81	1.67	0.42	0.08	0.03	0.06
AN5S 006	S	<	0.4	20	30	93	20	<	20	1	<	<	1.3	7	16	297	<	18	30	790	31	89	1	2	0.03	1.12	0.93	2.23	0.46	0.09	0.03	0.07
AN5S 007	S	<	0.3	17	29	88	19	<	45	1	<	<	1.0	6	15	261	<	17	27	604	29	81	1	2	0.03	1.03	0.85	2.04	0.45	0.08	0.03	0.07
AN5S 008	S	<	1.1	43	67	172	18	<	70	1	<	<	3.6	5	16	279	<	16	23	437	40	149	5	2	0.01	1.20	1.51	1.85	0.44	0.11	0.03	0.05
AN5S 009	S	<	0.4	17	30	89	20	<	60	1	<	<	1.6	6	14	335	<	16	25	727	31	86	1	2	0.02	1.00	0.93	2.29	0.43	0.08	0.02	0.07
AN5S 010	S	<	0.4	15	27	78	18	<	30	1	<	<	0.9	7	14	260	<	15	23	1483	25	56	1	2	0.02	0.92	0.62	1.53	0.41	0.07	0.02	0.06
AN5S 011	S	<	0.3	16	33	87	29	<	45	1	<	<	1.3	8	14	283	<	16	27	1030	27	62	1	2	0.02	0.91	0.68	1.95	0.42	0.06	0.02	0.06
AN5S 012	S	<	0.6	24	41	112	33	<	45	1	<	<	2.6	7	15	349	<	15	21	1027	36	89	1	1	0.01	1.11	0.97	1.72	0.47	0.08	0.02	0.07
AN5S 013	S	<	0.5	19	41	113	29	<	25	1	<	<	1.8	6	14	335	<	15	22	777	35	77	1	2	0.01	1.06	0.84	1.74	0.49	0.09	0.02	0.06
AN5S 014	S	<	0.4	17	40	111	37	<	35	1	<	<	2.2	8	15	366	<	16	24	1664	37	78	1	2	0.02	1.08	0.82	2.10	0.52	0.09	0.02	0.06
AN5S 015	S	<	0.5	20	40	107	26	<	350	1	<	<	1.7	6	14	297	<	15	22	640	36	73	1	2	0.02	1.11	0.78	1.70	0.49	0.10	0.02	0.07
AN5S 016	S	<	0.5	18	39	102	28	<	35	<	<	<	1.4	6	14	282	<	16	25	619	34	66	1	2	0.02	1.12	0.72	1.86	0.51	0.09	0.02	0.06
AN5S 017	S	<	0.4	18	32	92	24	<	35	1	<	<	0.9	5	12	313	<	16	26	277	24	60	1	2	0.02	1.08	0.73	1.65	0.41	0.08	0.02	0.05
AN5S 018	S	<	0.2	10	35	74	23	<	20	1	<	<	0.9	6	8	145	<	24	14	518	22	21	1	1	<	0.66	0.24	1.40	0.45	0.10	0.02	0.04
AN5S 019	S	<	0.5	18	42	91	22	<	25	1	<	<	1.0	6	13	267	<	15	24	445	33	55	1	2	0.02	1.04	0.60	1.75	0.50	0.10	0.02	0.06
CN6S 001	S	<	0.2	13	10	50	<	<	35	<	<	<	0.3	8	15	254	<	23	35	321	12	32	1	2	0.03	0.98	0.47	1.80	0.36	0.04	0.02	0.06
CN6S 002	S	<	0.2	13	7	46	<	<	55	1	<	<	0.2	7	15	207	<	20	30	240	10	27	1	2	0.02	0.81	0.39	1.55	0.31	0.03	0.02	0.06
CN6S 003	S	6	0.1	10	10	48	<	<	20	1	<	<	0.3	8	16	233	<	21	31	261	10	28	1	2	0.03	0.90	0.40	1.59	0.34	0.02	0.03	0.06
CN6S 004	S	<	<	12	8	58	<	<	45	1	<	<	0.7	10	17	326	<	24	36	472	11	36	1	2	0.03	1.04	0.44	2.64	0.35	0.03	0.02	0.07
CN6S 005	S	<	0.1	10	8	48	<	<	30	1	<	<	0.2	8	14	228	<	20	31	222	12	25	<	2	0.03	0.92	0.34	1.85	0.32	0.03	0.02	0.06
CN6S 006	S	<	0.1	10	<	56	<	<	55	1	<	<	<	12	17	377	<	28	52	2322	10	91	2	2	0.02	0.87	1.14	8.77	0.42	0.08	0.03	0.14
CN6S 007	S	<	0.2	14	10	65	6	<	45	<	<	<	0.6	10	18	295	<	25	43	418	12	32	<	3	0.03	1.14	0.41	2.20	0.38	0.04	0.02	0.06
CN6S 008	S	<	0.1	13	9	61	6	<	10	1	<	<	0.4	9	16	275	<	23	40	395	11	31	<	2	0.03	1.09	0.39	2.08	0.37	0.03	0.03	0.06
CN6S 009	S	<	0.1	14	6	47	5	<	55	1	<	<	0.4	9	18	329	<	26	35	193	11	33	1	3	0.02	1.06	0.33	1.87	0.34	0.04	0.03	0.05
CN6S 010	S	<	0.1	14	10	64	<	<	45	<	<	<	0.5	10	18	290	<	25	37	581	11	34	1	2	0.03	1.06	0.48	2.18	0.39	0.04	0.02	0.06
CN6S 011	S	<	0.1	21	8	64	<	<	25	1	<	<	0.6	9	23	246	<	21	38	442	10	33	2	3	0.04	0.87	0.57	2.09	0.49	0.16	0.03	0.08
CN6S 012	S	<	<	11	9	46	5	<	35	<	<	<	0.2	7	14	228	<	19	28	294	9	27	<	2	0.02	0.83	0.38	1.54	0.32	0.04	0.02	0.05
CN6S 013	S	<	0.1	11	7	54	<	<	40	<	<	<	0.3	10	17	270	<	21	31	906	10	30	<	2	0.03	0.93	0.42	2.01	0.36	0.04	0.02	0.06
CN6S 014	S	<	<	11	10	74	<	<	65	1	<	<	0.8	9	23	266	<	26	30	672	9	34	1	2	0.02	0.89	0.61	1.80	0.44	0.07	0.03	0.08
CN6S 015	S	<	<	14	6	64	5	<	125	<	<	<	1.4	12	29	272	<	33	27	1390	7	56	<	<	0.01	0.74	1.05	1.87	0.52	0.08	0.03	0.10
CN6S 016	S	<	0.2	25	12	57	<	<	80	3	<	<	0.8	23	288	211	<	234	25	790	19	33	3	3	0.01	0.70	0.58	2.67	2.76	0.04	0.02	0.05
CN6S 017	S	<	0.2	30	15	64	<	<	45	2	<	<	0.7	15	75	198	<	51	22	566	34	37	3	2	0.01	0.80	0.38	2.15	0.40	0.06	0.02	0.07
CN6S 018	S	<	0.1	14	8	84	9	<	75	2	<	<	0.8	16	35	327	<	31	45	1307	13	45	1	3	0.03	1.13	0.65	2.82	0.48	0.05	0.03	0.08
CN6S 019	S	<	<	31	14	70	<	<	110	2	<	<	0.9	11	77	218	<	58	27	410	22	37	2	3	0.02	0.96	0.40	2.24	0.50	0.06	0.02	0.07
SN5S 003	S	<	0.1	11	27	65	9	<	45	1	<	<	0.5	8	17	351	<	22	32	523	31	25	<	2	0.02	1.11	0.37	1.72	0.44	0.06	0.02	0.06
Min Limit		5	0.1	1	2	1	5	5	5	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*		9999	99.9	20000	20000	20000	9999	999	9999	999	999	9999	99.9	9999	9999	9999	999	9999	9999	9999	9999	9999	9999	9999	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method		GeoS	ICP	ICP	ICP	ICP	ICP	ICP	CVA	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No SampleS=Soil

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iPL 97I0977

Client : Nicholson & Associates
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Out: Oct 06, 1997
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Sample Name	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppb	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
SN5S 004	S	<	0.2	11	30	69	9	<	45	1	<	<	0.5	9	17	402	<	24	35	612	33	31	<	2	0.02	1.19	0.48	1.83	0.48	0.06	0.02	0.06
SN5S 006	S	<	0.2	11	31	73	8	<	35	1	<	<	0.5	9	16	332	<	21	35	637	44	30	<	2	0.03	1.13	0.45	1.87	0.44	0.08	0.02	0.06
SN5S 007	S	<	0.2	10	32	78	7	<	45	1	<	<	0.4	11	15	399	<	20	35	733	32	32	<	2	0.02	1.24	0.47	1.88	0.43	0.08	0.02	0.05
SN5S 009	S	<	0.5	16	92	204	10	<	65	1	<	<	2.2	12	17	401	<	20	32	663	49	58	<	2	0.02	1.55	0.63	1.94	0.40	0.12	0.02	0.07
SN5S 011	S	<	0.3	12	40	92	7	<	45	1	<	<	0.8	10	14	378	<	21	35	610	33	47	<	2	0.02	1.33	0.57	1.91	0.44	0.09	0.02	0.06
SN5S 012	S	<	0.2	10	36	90	8	<	55	1	<	<	0.6	10	14	354	<	20	35	532	32	39	<	2	0.02	1.32	0.46	1.95	0.43	0.08	0.02	0.06
SN5S 014	S	6	0.3	11	31	95	9	<	60	1	<	<	0.8	10	16	357	<	20	32	541	35	41	<	2	0.02	1.33	0.49	1.93	0.46	0.09	0.02	0.06
SN5S 015	S	<	0.2	7	22	67	5	<	25	1	<	<	0.1	8	12	194	<	17	33	298	20	15	<	1	0.02	1.15	0.18	1.79	0.40	0.07	0.02	0.06
SN5S 016	S	<	0.3	11	20	68	6	<	25	1	<	<	0.3	10	13	309	<	18	34	717	22	32	<	2	0.02	1.15	0.38	1.95	0.43	0.07	0.02	0.06
SN5S 017	S	8	0.1	7	7	47	<	<	10	<	<	<	0.2	6	10	142	<	14	27	221	15	16	<	2	0.03	0.83	0.22	1.57	0.39	0.06	0.02	0.06
SN5S 018	S	<	0.2	11	27	84	8	<	35	1	<	<	0.6	9	15	364	<	19	33	489	29	38	<	2	0.02	1.30	0.44	1.96	0.45	0.09	0.02	0.06
SN5S 020	S	<	0.2	11	23	62	<	<	25	1	<	<	0.3	9	15	260	<	19	36	524	23	27	<	2	0.03	1.15	0.33	1.92	0.44	0.08	0.02	0.05
SN5S 022	S	<	0.3	14	40	99	7	<	105	2	<	<	1.1	11	17	370	<	22	36	537	50	36	1	3	0.03	1.42	0.43	2.13	0.46	0.13	0.02	0.06
SN5S 023	S	<	0.2	11	33	81	10	<	40	1	<	<	0.7	10	15	338	<	20	36	544	34	35	<	2	0.03	1.36	0.42	1.99	0.44	0.10	0.02	0.05
SN5S 024	S	<	0.3	11	35	93	5	<	60	1	<	<	1.2	12	15	369	<	21	37	944	40	38	<	3	0.03	1.39	0.46	2.05	0.44	0.13	0.02	0.06
SN5S 025	S	<	0.3	11	33	85	7	<	35	2	<	<	0.5	10	15	488	<	18	34	734	49	31	<	3	0.02	1.31	0.37	1.93	0.40	0.09	0.02	0.04
SN5S 026	S	<	0.3	10	29	82	6	<	55	1	<	<	0.5	9	15	340	<	17	32	710	44	32	<	2	0.02	1.17	0.39	1.88	0.38	0.08	0.02	0.05
SN5S 027	S	<	0.2	8	25	70	5	<	45	1	<	<	0.5	8	12	289	<	16	29	555	35	28	<	2	0.02	1.01	0.34	1.66	0.35	0.08	0.02	0.05
WN5S 001	S	<	0.2	11	31	151	<	<	15	1	<	<	1.0	5	11	231	<	14	22	274	36	23	1	2	0.03	0.81	0.28	1.47	0.39	0.06	0.02	0.04
WN5S 002	S	<	0.3	12	49	103	<	<	20	<	<	<	0.6	5	10	262	<	13	21	246	35	22	1	2	0.02	0.77	0.26	1.44	0.35	0.06	0.02	0.03
WN5S 003	S	<	0.2	12	29	94	<	<	25	1	<	<	0.1	5	10	292	<	15	25	267	33	29	<	2	0.03	0.99	0.35	1.67	0.44	0.07	0.02	0.05
WN5S 005	S	<	0.2	13	35	133	<	<	40	1	<	<	0.9	6	10	256	<	16	25	388	45	26	1	2	0.03	0.98	0.33	1.63	0.44	0.09	0.02	0.05
WN5S 006	S	<	0.1	10	30	81	<	<	25	1	<	<	0.4	5	11	197	<	16	26	155	33	23	<	2	0.04	0.99	0.30	1.59	0.42	0.08	0.02	0.05
WN5S 007	S	18	0.5	21	50	187	8	<	45	1	<	<	1.5	8	16	390	<	21	34	524	49	39	<	3	0.03	1.42	0.46	2.15	0.48	0.09	0.02	0.05
WN5S 008	S	<	0.2	13	34	144	5	<	25	1	<	<	0.8	6	11	244	<	15	24	376	42	25	<	2	0.03	0.95	0.30	1.59	0.42	0.08	0.02	0.04
WN5S 009	S	<	<	14	35	147	<	<	15	1	<	<	0.7	6	11	230	<	13	24	446	45	22	<	2	0.03	0.94	0.27	1.67	0.44	0.06	0.02	0.04
WN5S 010	S	<	0.2	16	41	137	<	<	15	1	<	<	0.8	7	11	229	<	13	24	398	44	24	1	2	0.03	0.87	0.29	1.59	0.41	0.07	0.02	0.04
WN5S 011	S	6	0.1	12	36	78	<	<	25	1	<	<	0.3	6	11	261	<	14	27	252	30	22	<	2	0.02	0.96	0.27	1.64	0.38	0.06	0.02	0.04
WN5S 012	S	<	0.1	13	30	126	<	<	15	1	<	<	0.7	6	10	250	<	13	23	331	46	24	<	2	0.02	0.90	0.29	1.56	0.42	0.06	0.02	0.04
WN5S 013	S	<	<	16	33	171	<	<	15	1	<	<	0.6	7	11	270	<	16	27	295	51	27	1	2	0.03	1.04	0.34	1.68	0.42	0.07	0.02	0.05
WN5S 014	S	<	0.1	15	33	144	5	<	30	1	<	<	0.9	6	10	276	<	14	26	384	41	25	<	2	0.03	0.99	0.30	1.66	0.40	0.07	0.02	0.04
WN5S 015	S	8	0.1	14	34	147	<	<	10	1	<	<	0.9	6	11	260	<	14	24	385	47	25	<	2	0.03	0.97	0.30	1.58	0.40	0.07	0.02	0.04
WN5S 016	S	20	<	8	16	57	<	<	10	<	<	<	0.2	6	11	264	<	16	30	331	28	25	<	2	0.03	1.07	0.31	1.61	0.36	0.07	0.02	0.04
WN5S 017	S	<	<	10	17	61	<	<	5	1	<	<	0.4	8	12	335	<	17	32	472	29	30	<	2	0.03	1.19	0.38	1.78	0.38	0.08	0.02	0.05
WN5S 018	S	<	0.1	12	18	79	<	<	10	<	<	<	0.4	8	13	348	<	19	33	481	34	31	<	3	0.04	1.30	0.39	1.95	0.48	0.09	0.03	0.05
WN5S 019	S	<	<	9	16	55	<	<	20	1	<	<	0.3	6	11	310	<	15	29	422	24	25	<	2	0.03	1.03	0.32	1.65	0.35	0.06	0.02	0.04
WN5S 020	S	<	<	8	13	50	<	<	35	1	<	<	0.1	6	10	262	<	13	28	382	21	22	<	2	0.03	0.93	0.28	1.57	0.32	0.06	0.02	0.04
WN5S 021	S	<	<	8	16	53	<	<	25	1	<	<	0.3	6	10	287	<	15	29	332	20	26	<	2	0.02	1.02	0.33	1.64	0.35	0.06	0.02	0.04
WN5S 022	S	64	<	9	17	63	6	<	35	1	<	<	0.3	8	12	344	<	16	29	532	20	32	<	2	0.02	1.11	0.40	1.73	0.37	0.06	0.02	0.05
Min Limit		5	0.1	1	2	1	5	5	5	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*		9999	99.9	20000	20000	20000	9999	999	9999	999	999	9999	99.9	9999	9999	9999	999	9999	9999	9999	9999	9999	9999	9999	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method		GeoS	ICP	ICP	ICP	ICP	ICP	ICP	CVA	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No SampleS=Soil

INTERNATIONAL PLASMA LABORATORY LTD.

CERTIFICATE OF ANALYSIS
iPL 97I0977

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Client : Nicholson & Associates
Project: Norex

96 Samples
96=Soil

[097717:27:56:79100697]

Out: Oct 06, 1997
In : Sep 29, 1997

Sample Name		Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppb	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
WN5S 023	S	<	0.1	11	18	71	7	<	30	1	<	<	0.4	9	12	382	<	17	33	657	22	35	<	2	0.02	1.26	0.43	1.94	0.41	0.07	0.02	0.05
WN5S 024	S	<	0.1	10	12	59	<	<	30	1	<	<	0.3	7	12	334	<	15	29	409	21	31	<	2	0.03	1.09	0.40	1.71	0.37	0.06	0.02	0.05
WN5S 025	S	<	0.2	14	21	74	5	<	50	1	<	<	0.8	7	15	314	<	19	41	346	17	24	<	3	0.02	1.42	0.28	2.41	0.51	0.08	0.02	0.07
WN5S 026	S	<	0.1	11	21	62	9	<	35	1	<	<	0.3	9	12	272	<	16	34	554	20	25	<	2	0.03	1.15	0.32	1.93	0.43	0.06	0.02	0.06
WN5S 027	S	<	<	10	18	59	9	<	30	1	<	<	0.1	6	12	278	<	18	31	244	21	27	<	2	0.03	1.17	0.32	1.70	0.36	0.06	0.02	0.05
WN5S 028	S	<	0.1	11	18	58	8	<	30	1	<	<	0.3	7	13	344	<	18	34	316	28	32	<	3	0.03	1.28	0.40	1.87	0.40	0.07	0.02	0.05
WN5S 029	S	<	0.6	13	25	56	5	<	65	1	<	<	0.6	6	11	259	<	15	25	546	24	32	<	2	0.02	1.02	0.40	1.58	0.32	0.06	0.02	0.05
WN5S 030	S	<	0.5	32	74	139	<	<	45	1	<	<	0.6	4	9	225	<	11	23	203	41	16	<	1	0.02	0.81	0.19	1.49	0.24	0.05	0.02	0.03
WN5S 031	S	18	0.3	27	56	172	<	<	35	1	<	<	1.0	5	10	251	<	12	24	231	42	18	<	1	0.02	0.84	0.22	1.42	0.26	0.06	0.02	0.04
WN5S 032	S	<	0.6	34	69	143	5	<	55	1	<	<	0.8	5	9	257	<	12	24	228	41	16	<	1	0.02	0.88	0.17	1.53	0.25	0.06	0.02	0.03
WN5S 033	S	<	0.2	23	50	138	<	<	50	1	<	<	0.6	5	9	246	<	12	24	203	35	14	<	1	0.02	0.77	0.16	1.38	0.25	0.05	0.02	0.04
WN5S 034	S	<	0.5	21	57	159	<	<	45	2	<	<	1.0	4	9	283	<	11	22	157	31	17	<	1	0.02	0.85	0.21	1.31	0.27	0.05	0.02	0.04
WN5S 035	S	<	0.5	20	66	124	<	<	40	2	<	<	0.7	6	10	287	<	14	26	259	34	17	<	1	0.02	0.89	0.20	1.48	0.27	0.06	0.02	0.04
WN5S 036	S	20	0.4	27	66	176	6	<	25	2	<	<	1.2	7	10	268	<	14	28	681	43	22	<	2	0.02	1.00	0.27	1.59	0.30	0.06	0.02	0.04
WN5S 037	S	<	0.5	17	65	129	5	<	40	1	<	<	0.6	4	10	260	<	13	28	205	30	18	<	2	0.02	0.98	0.22	1.61	0.30	0.06	0.02	0.04
WN5S 038	S	20	1.7	22	56	177	<	<	35	1	<	<	1.0	9	10	230	<	13	26	609	41	19	<	2	0.03	0.95	0.23	1.56	0.30	0.07	0.02	0.04
WN5S 039	S	<	0.2	15	36	116	<	<	10	<	<	<	0.4	4	8	202	<	13	26	225	32	17	<	2	0.03	0.83	0.21	1.43	0.28	0.05	0.02	0.04
WN5S 040	S	<	0.8	23	38	117	<	<	25	1	<	<	1.2	11	27	350	<	32	43	494	38	62	1	6	0.07	1.70	0.58	2.75	0.81	0.06	0.03	0.08
Min Limit		5	0.1	1	2	1	5	5	5	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*		9999	99.9	20000	20000	20000	9999	999	9999	999	999	9999	99.9	9999	9999	9999	999	9999	9999	9999	9999	9999	9999	9999	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method		GeoS	ICP	ICP	ICP	ICP	ICP	ICP	CVA	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No SampleS=Soil

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CERTIFICATE OF ANALYSIS
iPL 97J1013

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Nicholson & Associates

69 Samples Out: Oct 09, 1997 In: Oct 06, 1997 [101312:35:16:79100997]

Project : PFC
Shipper : George Nicholson
Shipment: PO#:
Analysis:
Au(FA/AAS 30g) Au(g/mt) ICP(AqR)30

Comment:

CODE	AMOUNT	TYPE	PREPARATION DESCRIPTION	PULP	REJECT
B211	69	Rock	crush, split & pulverize	12M/Dis	03M/Dis

NS=No Sample Rep=Replicate M=Month Dis=Discard

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DL	3D	EM	BT	BL
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Analytical Summary

##	Code	Method	Units	Description	Element	Limit Low	Limit High
01	0313	FA/AAS	ppb	Au FA/AAS finish 30g	Gold	2	10000
02	0364	FAGrav	g/mt	Au FA/Grav in g/mt	Gold	0.07	1000.00
03	0721	ICP	ppm	Ag ICP	Silver	0.1	100.0
04	0711	ICP	ppm	Cu ICP	Copper	1	20000
05	0714	ICP	ppm	Pb ICP	Lead	2	20000
06	0730	ICP	ppm	Zn ICP	Zinc	1	20000
07	0703	ICP	ppm	As ICP	Arsenic	5	10000
08	0702	ICP	ppm	Sb ICP	Antimony	5	1000
09	0732	ICP	ppm	Hg ICP	Mercury	3	10000
10	0717	ICP	ppm	Mo ICP	Molydenum	1	1000
11	0747	ICP	ppm	Tl ICP (Incomplete Digestion)	Thallium	10	1000
12	0705	ICP	ppm	Bi ICP	Bismuth	2	10000
13	0707	ICP	ppm	Cd ICP	Cadmium	0.1	100.0
14	0710	ICP	ppm	Co ICP	Cobalt	1	10000
15	0718	ICP	ppm	Ni ICP	Nickel	1	10000
16	0704	ICP	ppm	Ba ICP (Incomplete Digestion)	Barium	2	10000
17	0727	ICP	ppm	W ICP (Incomplete Digestion)	Tungsten	5	1000
18	0709	ICP	ppm	Cr ICP (Incomplete Digestion)	Chromium	1	10000
19	0729	ICP	ppm	V ICP	Vanadium	2	10000
20	0716	ICP	ppm	Mn ICP	Manganese	1	10000
21	0713	ICP	ppm	La ICP (Incomplete Digestion)	Lanthanum	2	10000
22	0723	ICP	ppm	Sr ICP (Incomplete Digestion)	Strontium	1	10000
23	0731	ICP	ppm	Zr ICP	Zirconium	1	10000
24	0736	ICP	ppm	Sc ICP	Scandium	1	10000
25	0726	ICP	%	Ti ICP (Incomplete Digestion)	Titanium	0.01	1.00
26	0701	ICP	%	Al ICP (Incomplete Digestion)	Aluminum	0.01	10.00
27	0708	ICP	%	Ca ICP (Incomplete Digestion)	Calcium	0.01	10.00
28	0712	ICP	%	Fe ICP	Iron	0.01	10.00
29	0715	ICP	%	Mg ICP (Incomplete Digestion)	Magnesium	0.01	10.00
30	0720	ICP	%	K ICP (Incomplete Digestion)	Potassium	0.01	10.00
31	0722	ICP	%	Na ICP (Incomplete Digestion)	Sodium	0.01	5.00
32	0719	ICP	%	P ICP	Phosphorus	0.01	5.00

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* Our liability is limited solely to the analytical cost of these analyses.

BC Certified Assayer: David Chiu

INTERNATIONAL PLASMA LABORATORY LTD.

CERTIFICATE OF ANALYSIS
iPL 97J1013

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Vancouver, B.C.
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Client : Nicholson & Associates
Project: PFC

69 Samples
69=Rock

[101312:35:16:79100997]

Out: Oct 09, 1997
In : Oct 06, 1997

Sample Name	Type	Au ppb	Au g/mt	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm
18 AR 0564	Rock	123	—	3.4	46	33	137	8	25	<3	3	<10	<2	0.5	5	29	115	<5	224
19 CR 0043	Rock	17	—	0.4	57	5	72	<5	<5	<3	3	<10	<2	<0.1	4	21	119	<5	75
19 CR 0044	Rock	19	—	0.4	130	<2	707	63	<5	<3	17	<10	<2	<0.1	23	178	106	<5	54
19 CR 0045	Rock	83	—	0.2	9	4	18	8	<5	<3	2	<10	<2	0.2	3	13	227	<5	106
19 CR 0046	Rock	30	—	0.7	47	4	94	<5	<5	<3	4	<10	<2	0.3	30	53	66	<5	87
19 CR 0047	Rock	3	—	1.4	70	9	350	26	<5	<3	26	<10	<2	19.1	5	39	1557	<5	150
19 CR 0048	Rock	8	—	3.9	25	7	33	<5	7	<3	5	<10	<2	0.8	1	13	301	<5	196
19 CR 0049	Rock	28	—	2.5	46	4	32	<5	5	<3	5	<10	<2	0.8	2	23	47	<5	192
19 CR 0050	Rock	24	—	0.4	16	9	41	<5	<5	<3	4	<10	<2	1.2	6	14	36	<5	26
19 CR 0051	Rock	5	—	0.8	19	7	259	<5	6	<3	6	<10	<2	14.1	3	25	180	<5	118
19 BR 0052	Rock	<2	—	0.1	15	3	25	<5	5	<3	9	<10	<2	0.5	1	12	119	<5	154
19 BR 0053	Rock	10	—	<0.1	47	<2	15	<5	5	<3	5	<10	<2	0.1	2	12	107	<5	250
19 BR 0054	Rock	3	—	0.7	7	3	6	<5	5	<3	3	<10	<2	0.1	1	6	95	<5	199
2 ER 404	Rock	<2	—	<0.1	2	5	37	<5	<5	<3	2	<10	<2	<0.1	11	36	74	<5	111
2 ER 405	Rock	5	—	0.5	97	15	154	<5	<5	<3	3	<10	<2	<0.1	52	208	4138	<5	285
2 ER 406	Rock	<2	—	0.3	13	2	13	<5	5	<3	2	<10	<2	0.1	1	10	66	<5	141
2 ER 407	Rock	<2	—	0.4	51	3	27	<5	<5	<3	4	<10	<2	0.3	30	16	709	<5	18
2 ER 408	Rock	20	—	0.7	39	11	65	<5	<5	<3	3	<10	<2	<0.1	46	29	73	<5	24
2 ER 409	Rock	<2	—	0.2	16	3	32	<5	<5	<3	1	<10	<2	0.2	4	10	211	<5	42
2 ER 410	Rock	14	—	0.5	108	7	17	120	<5	<3	1	<10	<2	0.6	4	8	58	<5	40
2 ER 411	Rock	11	—	0.4	40	12	21	116	5	<3	4	<10	<2	0.7	12	27	200	<5	89
2 ER 412	Rock	17	—	0.4	126	12	20	112	5	<3	5	<10	<2	0.2	20	33	60	<5	99
2 ER 413	Rock	51	—	0.5	88	10	38	<5	<5	<3	10	<10	<2	0.1	20	3	23	<5	19
2 ER 414	Rock	6	—	0.6	151	12	66	42	5	<3	3	<10	<2	<0.1	41	33	52	<5	58
2 ER 415	Rock	188	—	0.8	57	24	87	61	11	<3	2	<10	<2	<0.1	35	38	76	<5	69
2 ER 416	Rock	13	—	0.7	148	21	57	107	5	<3	8	<10	<2	0.7	24	36	71	<5	52
2 ER 417	Rock	64	—	0.7	99	15	79	723	5	<3	4	<10	<2	<0.1	46	16	32	<5	22
2 ER 418	Rock	126	—	0.6	114	16	27	49	7	<3	7	<10	<2	<0.1	50	55	28	<5	66
2 ER 419	Rock	10	—	0.8	106	16	40	46	6	<3	3	<10	<2	0.2	42	39	43	<5	44
2 ER 420	Rock	21	—	0.8	338	18	38	14	8	<3	3	<10	<2	<0.1	38	9	51	<5	13
2 ER 432	Rock	11	—	0.9	139	6	38	45	9	<3	5	<10	<2	<0.1	30	23	44	<5	33
2 ER 433	Rock	10	—	0.6	198	9	39	12	<5	<3	6	<10	<2	<0.1	34	33	37	<5	34
2 ER 435	Rock	9	—	0.6	146	12	66	7	6	<3	4	<10	<2	<0.1	39	35	45	<5	54
2 ER 436	Rock	18	—	0.5	120	11	61	29	5	<3	3	<10	<2	<0.1	36	33	86	<5	50
2 ER 437	Rock	4	—	0.6	148	14	42	86	11	<3	5	<10	<2	<0.1	30	35	158	<5	68
2 ER 438	Rock	6	—	0.5	153	12	34	146	7	<3	4	<10	<2	<0.1	28	19	92	<5	40
2 ER 439	Rock	26	—	0.3	82	7	28	47	<5	<3	5	<10	<2	<0.1	13	2	38	<5	15
2 ER 440	Rock	25	—	0.3	93	10	16	105	6	<3	4	<10	<2	<0.1	14	1	68	<5	15
2 ER 441	Rock	74	—	0.3	40	9	19	355	6	<3	38	<10	<2	<0.1	14	1	55	<5	21
Minimum Detection		2	0.07	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1
Maximum Detection		10000	1000.00	100.0	20000	20000	20000	10000	1000	10000	1000	1000	10000	100.0	10000	10000	10000	1000	10000
Method		FA/AAS	FAGrav	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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CERTIFICATE OF ANALYSIS
iPL 97J1013

Client : Nicholson & Associates
Project: PFC

69 Samples
69=Rock

[101312:35:16:79100997]

Out: Oct 09, 1997
In : Oct 06, 1997

Sample Name	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
18 AR 0564	8	235	<2	3	2	1	<0.01	0.17	0.02	0.92	0.02	0.09	0.02	<0.01
19 CR 0043	11	70	<2	3	3	2	<0.01	0.32	0.01	3.98	0.02	0.13	0.02	0.05
19 CR 0044	30	300	<2	3	6	4	<0.01	0.39	<0.01	18%	0.01	0.08	<0.01	0.23
19 CR 0045	9	243	7	49	3	1	<0.01	0.37	0.22	0.69	0.02	0.20	0.02	0.10
19 CR 0046	209	1388	29	134	4	14	0.01	3.49	5.85	6.44	3.18	0.10	0.04	0.20
19 CR 0047	913	203	6	167	4	3	<0.01	0.68	0.69	1.56	0.11	0.21	0.02	0.50
19 CR 0048	74	59	<2	18	3	<1	<0.01	0.17	0.05	0.68	0.03	0.11	0.02	0.02
19 CR 0049	23	64	<2	11	2	1	<0.01	0.22	0.06	1.17	0.04	0.11	0.02	<0.01
19 CR 0050	13	473	4	436	3	3	<0.01	0.33	7.97	2.34	4.57	0.18	0.03	<0.01
19 CR 0051	40	1193	3	324	5	2	<0.01	0.29	7.03	1.79	3.45	0.04	0.02	0.15
19 BR 0052	19	78	2	13	6	<1	0.01	0.12	0.10	2.14	0.05	0.02	0.01	0.01
19 BR 0053	12	62	<2	8	2	<1	<0.01	0.12	0.04	1.10	0.02	0.03	0.02	<0.01
19 BR 0054	6	31	<2	7	2	<1	<0.01	0.11	0.02	0.52	0.02	0.04	0.02	<0.01
2 ER 404	106	153	16	6	6	4	0.03	1.72	0.14	3.09	1.34	<0.01	0.07	0.03
2 ER 405	193	608	13	31	6	12	0.08	3.81	0.58	7.35	4.05	0.13	0.05	0.07
2 ER 406	10	25	14	2	4	1	<0.01	0.39	0.02	0.91	0.04	0.04	0.02	0.02
2 ER 407	248	781	23	179	2	12	0.01	2.94	6.84	5.59	2.05	0.20	0.05	0.16
2 ER 408	156	469	14	75	27	6	0.63	3.31	2.34	5.81	1.13	0.71	0.44	0.20
2 ER 409	10	1697	8	81	3	4	<0.01	0.36	2.18	1.85	1.08	0.13	0.02	0.02
2 ER 410	13	307	13	32	6	1	0.06	1.00	2.87	0.95	0.11	0.05	0.14	0.15
2 ER 411	98	79	10	112	4	7	0.14	3.33	1.06	2.56	1.46	1.33	0.18	0.05
2 ER 412	92	74	8	174	3	9	0.18	4.45	1.61	3.70	1.76	1.67	0.27	0.02
2 ER 413	64	132	31	49	3	3	0.16	1.54	1.27	3.53	1.39	0.64	0.22	0.37
2 ER 414	233	321	6	29	2	8	0.58	2.83	0.75	5.14	2.32	1.70	0.21	0.18
2 ER 415	235	308	7	60	2	13	0.68	3.29	0.83	4.88	2.59	2.20	0.21	0.16
2 ER 416	136	212	11	359	3	7	0.35	6.13	3.49	3.45	1.52	1.07	0.50	0.14
2 ER 417	271	293	6	31	2	17	0.45	3.23	0.91	5.40	2.87	1.84	0.17	0.17
2 ER 418	238	172	11	68	7	11	0.52	3.34	1.67	5.78	1.87	1.57	0.37	0.24
2 ER 419	135	166	5	216	6	5	0.36	5.12	3.17	4.81	1.39	0.79	0.43	0.17
2 ER 420	200	277	7	64	10	8	0.80	3.90	1.74	6.21	1.74	1.58	0.18	0.20
2 ER 432	179	184	12	24	3	8	0.29	1.80	0.77	4.92	1.61	1.07	0.18	0.20
2 ER 433	156	222	8	40	2	6	0.38	2.48	1.10	5.07	1.66	1.06	0.26	0.18
2 ER 435	218	300	5	23	2	7	0.50	2.54	0.65	5.33	2.03	1.46	0.21	0.16
2 ER 436	235	324	10	28	2	8	0.55	2.69	0.66	5.30	2.15	1.67	0.19	0.16
2 ER 437	272	273	10	43	2	13	0.72	3.35	0.65	5.83	2.67	2.41	0.14	0.15
2 ER 438	176	276	18	35	3	7	0.46	2.21	0.97	4.79	1.61	1.29	0.17	0.23
2 ER 439	80	200	31	28	4	4	0.19	1.24	1.19	3.32	1.29	0.71	0.20	0.36
2 ER 440	73	146	30	25	5	3	0.19	0.96	1.15	3.43	0.94	0.37	0.16	0.35
2 ER 441	58	140	35	23	4	3	0.16	0.85	1.08	3.25	0.84	0.43	0.19	0.37
Minimum Detection	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	1.00	10.00	10.00	10.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

INTERNATIONAL PLASMA LABORATORY LTD.

CERTIFICATE OF ANALYSIS
iPL 97J1013

2036 Columbia Street
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Client : Nicholson & Associates
Project: PFC

69 Samples
69=Rock

[101312:35:16:79100997]

Out: Oct 09, 1997
In : Oct 06, 1997

Sample Name	Type	Au ppb	Au g/mt	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm
2 ER 442	Rock	86	—	0.5	119	17	40	259	9	<3	6	<10	<2	<0.1	29	10	53	<5	16
2 ER 443	Rock	50	—	0.4	75	16	57	59	5	<3	4	<10	<2	<0.1	34	11	39	<5	16
2 ER 444	Rock	138	—	0.5	66	11	49	200	5	<3	4	<10	<2	<0.1	37	10	30	<5	17
2 ER 445	Rock	37	—	0.5	131	20	46	55	5	<3	6	<10	<2	<0.1	33	8	28	<5	25
2 ER 446	Rock	15	—	0.4	29	19	62	108	7	<3	2	<10	<2	0.9	6	9	113	<5	107
2 ER 447	Rock	36	—	0.4	56	17	25	179	7	<3	4	<10	<2	0.4	8	13	234	<5	104
2 ER 448	Rock	18	—	0.4	43	19	30	78	<5	<3	3	<10	<2	0.3	7	11	169	<5	101
2 ER 449	Rock	20	—	0.3	58	16	23	571	7	<3	4	<10	<2	0.3	12	17	415	<5	114
2 ER 450	Rock	129	—	0.3	82	20	44	3142	9	<3	4	<10	<2	0.3	30	29	45	<5	101
2 ER 451	Rock	20	—	0.3	22	14	38	57	<5	<3	4	<10	<2	0.3	8	13	248	<5	104
2 ER 452	Rock	29	—	0.2	20	16	23	28	<5	<3	3	<10	<2	0.5	8	13	269	<5	108
2 ER 453	Rock	12	—	0.3	31	11	21	21	5	<3	3	<10	<2	0.2	6	18	155	<5	107
2 ER 454	Rock	39	—	0.4	86	8	32	32	<5	<3	3	<10	<2	<0.1	18	33	34	<5	129
2 ER 455	Rock	2	—	0.6	87	11	87	9	6	<3	4	<10	<2	<0.1	41	48	34	<5	75
2 ER 456	Rock	<2	—	0.7	362	21	34	180	7	<3	2	<10	<2	<0.1	37	46	26	<5	53
2 ES 457	Rock	6	—	2.0	1101	19	44	907	6	<3	3	<10	<2	0.5	32	46	40	<5	28
2 ES 458	Rock	7	—	0.4	174	11	133	155	6	<3	8	<10	<2	0.8	24	56	24	<5	123
3 ER 0273	Rock	<2	—	0.3	94	7	115	6	<5	<3	3	<10	<2	0.7	32	51	589	<5	50
3 ER 0274	Rock	<2	—	0.2	75	14	41	<5	<5	<3	4	<10	<2	<0.1	48	43	48	<5	49
3 ER 0277	Rock	50	—	0.2	48	11	135	38	11	<3	1	<10	<2	7.7	6	21	143	<5	63
3 ER 0282	Rock	3	—	0.4	116	11	27	33	<5	<3	3	<10	<2	0.5	7	16	160	<5	73
3 ER 0283	Rock	8	—	0.2	32	5	27	862	<5	<3	1	<10	<2	0.6	6	7	76	<5	40
3 ER 0284	Rock	<2	—	0.2	9	25	38	51	<5	<3	3	<10	<2	0.6	4	7	56	<5	42
3 ER 0286	Rock	4	—	0.1	75	9	32	<5	<5	<3	3	<10	<2	<0.1	22	11	42	<5	20
3 ER 0289	Rock	18	—	0.6	288	10	38	44	<5	<3	7	<10	<2	0.8	10	45	84	<5	139
3 ER 0290	Rock	24	—	1.2	1240	15	55	<5	<5	<3	13	<10	<2	0.1	68	53	29	<5	41
3 ER 0291	Rock	2	—	0.2	50	21	17	159	<5	<3	2	<10	<2	0.5	30	10	33	<5	17
3 ER 0292	Rock	35	—	0.4	26	43	52	1201	7	<3	4	<10	<2	0.6	10	5	35	<5	50
3 ER 0296	Rock	23	—	0.2	32	36	35	488	5	<3	3	<10	<2	0.4	8	5	152	<5	87
11 DR 0500	Rock	<2	—	0.3	40	6	119	<5	<5	<3	3	<10	<2	<0.1	55	36	872	<5	7
Minimum Detection		2	0.07	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1
Maximum Detection		10000	1000.00	100.0	20000	20000	20000	10000	1000	10000	1000	1000	10000	100.0	10000	10000	10000	1000	10000
Method		FA/AAS	FAGrav	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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Client : Nicholson & Associates
Project: PFC

69 Samples
69=Rock

[101312:35:16:79100997]

Out: Oct 09, 1997
In : Oct 06, 1997

Sample Name	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
2 ER 442	175	180	12	36	5	8	0.38	2.36	1.23	5.52	1.72	0.92	0.22	0.21
2 ER 443	173	169	8	31	4	9	0.35	2.34	1.09	4.85	1.98	0.88	0.25	0.19
2 ER 444	181	172	7	34	3	9	0.44	2.78	1.16	4.90	2.16	1.27	0.20	0.20
2 ER 445	204	161	4	20	3	12	0.49	2.73	0.75	5.39	2.61	1.67	0.18	0.17
2 ER 446	26	782	10	22	6	2	0.09	0.62	1.03	1.22	0.28	0.08	0.08	0.04
2 ER 447	33	195	12	29	8	2	0.13	0.70	0.54	1.25	0.24	0.09	0.11	0.05
2 ER 448	27	183	10	20	7	1	0.11	0.48	0.70	1.12	0.23	0.07	0.06	0.04
2 ER 449	43	92	12	33	7	2	0.15	0.77	0.65	0.99	0.35	0.23	0.13	0.05
2 ER 450	118	138	13	44	2	6	0.27	2.87	1.31	3.90	1.68	1.10	0.27	0.09
2 ER 451	65	83	11	89	5	4	0.13	2.18	1.32	1.68	0.53	0.33	0.17	0.06
2 ER 452	51	81	10	79	4	3	0.09	2.33	1.23	1.70	0.63	0.33	0.12	0.05
2 ER 453	75	151	10	16	1	4	0.03	2.06	0.36	3.03	1.43	0.45	0.07	0.06
2 ER 454	88	124	8	61	2	7	0.12	3.16	0.95	4.77	1.16	0.86	0.15	0.05
2 ER 455	230	263	3	41	2	11	0.49	3.00	1.14	5.35	2.35	1.24	0.28	0.16
2 ER 456	127	163	7	145	16	6	0.37	4.33	2.44	5.35	1.68	0.94	0.47	0.16
2 ES 457	59	102	9	359	15	2	0.23	6.80	4.48	5.36	0.62	0.36	0.33	0.16
2 ES 458	335	73	8	17	16	5	0.21	1.31	0.80	4.57	0.84	0.36	0.11	0.11
3 ER 0273	166	569	16	110	19	11	0.54	2.58	7.12	3.63	2.56	0.08	0.13	0.12
3 ER 0274	315	448	20	17	19	11	0.74	2.43	1.12	8.67	2.60	0.03	0.05	0.26
3 ER 0277	15	492	15	80	10	1	0.06	2.23	2.33	1.67	0.21	0.15	0.29	0.08
3 ER 0282	61	84	21	91	4	3	0.10	2.86	2.20	1.65	0.73	0.39	0.29	0.15
3 ER 0283	6	292	7	71	14	1	0.06	1.12	1.92	0.98	0.08	0.06	0.40	<0.01
3 ER 0284	45	562	33	70	7	9	<0.01	0.79	4.73	1.91	0.46	0.01	0.02	0.10
3 ER 0286	44	182	31	41	4	2	0.12	1.44	1.50	3.78	1.23	0.12	0.18	0.42
3 ER 0289	148	119	9	14	10	5	0.03	1.15	0.42	2.72	1.02	0.36	0.05	0.03
3 ER 0290	66	120	24	73	10	2	0.19	2.39	1.77	5.87	1.07	0.54	0.18	0.25
3 ER 0291	50	77	20	153	14	1	0.18	3.98	2.81	3.68	0.19	0.13	0.68	0.25
3 ER 0292	43	835	47	201	5	9	<0.01	0.60	6.33	3.15	2.55	0.01	0.02	0.09
3 ER 0296	30	233	46	44	7	3	0.10	0.81	0.63	1.42	0.39	0.44	0.12	0.05
11 DR 0500	199	1121	12	25	16	4	0.39	4.33	0.91	8.87	4.10	0.24	0.05	0.14
Minimum Detection	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	1.00	10.00	10.00	10.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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iPL 97J1040

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Nicholson & Associates

25 Samples Out: Oct 16, 1997 In: Oct 15, 1997 [104008:59:01:79102097]

Project : PFC
Shipper : George Nicholson
Shipment: PO#:
Analysis:
Au(FA/AAS 30g) Au(g/mt) ICP(AqR)30

Comment:

CODE	AMOUNT	TYPE	PREPARATION DESCRIPTION	PULP	REJECT
B211	25	Rock	crush, split & pulverize	12M/Dis	03M/Dis

NS=No Sample Rep=Replicate M=Month Dis=Discard

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EN	RT	CC	IN	FX
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DL	3D	EM	BT	BL
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Analytical Summary

##	Code	Method	Units	Description	Element	Limit Low	Limit High
01	0313	FA/AAS	ppb	Au FA/AAS finish 30g	Gold	2	10000
02	0364	FAGrav	g/mt	Au FA/Grav in g/mt	Gold	0.07	1000.00
03	0721	ICP	ppm	Ag ICP	Silver	0.1	100.0
04	0711	ICP	ppm	Cu ICP	Copper	1	20000
05	0714	ICP	ppm	Pb ICP	Lead	2	20000
06	0730	ICP	ppm	Zn ICP	Zinc	1	20000
07	0703	ICP	ppm	As ICP	Arsenic	5	10000
08	0702	ICP	ppm	Sb ICP	Antimony	5	1000
09	0732	ICP	ppm	Hg ICP	Mercury	3	10000
10	0717	ICP	ppm	Mo ICP	Molydenum	1	1000
11	0747	ICP	ppm	Tl ICP (Incomplete Digestion)	Thallium	10	1000
12	0705	ICP	ppm	Bi ICP	Bismuth	2	10000
13	0707	ICP	ppm	Cd ICP	Cadmium	0.1	100.0
14	0710	ICP	ppm	Co ICP	Cobalt	1	10000
15	0718	ICP	ppm	Ni ICP	Nickel	1	10000
16	0704	ICP	ppm	Ba ICP (Incomplete Digestion)	Barium	2	10000
17	0727	ICP	ppm	W ICP (Incomplete Digestion)	Tungsten	5	1000
18	0709	ICP	ppm	Cr ICP (Incomplete Digestion)	Chromium	1	10000
19	0729	ICP	ppm	V ICP	Vanadium	2	10000
20	0716	ICP	ppm	Mn ICP	Manganese	1	10000
21	0713	ICP	ppm	La ICP (Incomplete Digestion)	Lanthanum	2	10000
22	0723	ICP	ppm	Sr ICP (Incomplete Digestion)	Strontium	1	10000
23	0731	ICP	ppm	Zr ICP	Zirconium	1	10000
24	0736	ICP	ppm	Sc ICP	Scandium	1	10000
25	0726	ICP	%	Ti ICP (Incomplete Digestion)	Titanium	0.01	1.00
26	0701	ICP	%	Al ICP (Incomplete Digestion)	Aluminum	0.01	10.00
27	0708	ICP	%	Ca ICP (Incomplete Digestion)	Calcium	0.01	10.00
28	0712	ICP	%	Fe ICP	Iron	0.01	10.00
29	0715	ICP	%	Mg ICP (Incomplete Digestion)	Magnesium	0.01	10.00
30	0720	ICP	%	K ICP (Incomplete Digestion)	Potassium	0.01	10.00
31	0722	ICP	%	Na ICP (Incomplete Digestion)	Sodium	0.01	5.00
32	0719	ICP	%	P ICP	Phosphorus	0.01	5.00

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DL=Download 3D=3½ Disk EM=E-Mail BT=BBS Type BL=BBS(1=Yes 0=No) ID=C02110104
* Our liability is limited solely to the analytical cost of these analyses.

BC Certified Assayer: David Chiu

INTERNATIONAL PLASMA LABORATORY LTD.

CERTIFICATE OF ANALYSIS

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Client : Nicholson & Associates
Project: PFC

25 Samples
25=Rock

[104008:59:01:79102097]

Out: Oct 16, 1997
In : Oct 15, 1997

Sample Name	Type	Au ppb	Au g/mt	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm
2ER421	Rock	7	—	0.7	41	354	65	125	6	<3	7	<10	<2	9.5	8	29	521	<5	47
2ER422	Rock	10	—	2.7	188	1531	303	61	12	<3	8	<10	<2	28.1	35	64	48	<5	71
2ER423	Rock	6	—	0.5	64	78	47	23	<5	<3	9	<10	<2	2.0	19	37	79	<5	75
2ER424	Rock	10	—	0.9	72	320	84	37	8	<3	6	<10	<2	5.5	9	26	482	<5	65
2ER425	Rock	8	—	0.4	122	34	55	9	<5	<3	4	<10	<2	0.3	23	25	48	<5	31
2ER426	Rock	12	—	0.2	120	92	68	25	<5	<3	2	<10	<2	0.9	38	38	36	<5	44
2ER427	Rock	11	—	<0.1	86	21	67	21	<5	<3	2	<10	<2	<0.1	37	35	48	<5	44
2ER428	Rock	10	—	0.4	100	38	36	11	<5	<3	2	<10	<2	<0.1	23	22	64	<5	24
2ER429	Rock	11	—	0.4	103	21	39	27	6	<3	4	<10	<2	<0.1	26	22	50	<5	18
2ER430	Rock	13	—	<0.1	189	27	44	27	5	<3	2	<10	<2	<0.1	31	28	41	<5	45
2ER431	Rock	8	—	0.2	100	9	55	18	<5	<3	2	<10	<2	<0.1	25	22	74	<5	22
2ER434	Rock	9	—	0.2	140	16	60	14	<5	<3	3	<10	<2	<0.1	37	34	56	<5	51
21ER 001	Rock	3	—	0.8	54	23	38	19	5	<3	<1	<10	<2	0.3	4	6	203	<5	78
21ER 002	Rock	46	—	<0.1	52	31	21	1917	<5	<3	12	<10	<2	0.6	33	61	210	<5	28
21ER 004	Rock	2	—	0.5	71	10	24	105	<5	<3	2	<10	<2	<0.1	12	35	90	<5	146
21ER 005	Rock	10	—	0.4	48	22	27	53	6	<3	1	<10	<2	0.5	15	17	222	<5	92
21ER 006	Rock	5	—	0.2	14	5	17	52	<5	<3	2	<10	<2	0.1	7	16	281	<5	114
21ER 007	Rock	2	—	0.5	105	13	26	114	7	<3	3	<10	<2	0.5	14	40	205	<5	125
21ER 008	Rock	10	—	0.2	25	3	13	386	<5	<3	1	<10	<2	<0.1	7	17	163	<5	124
21ER 009	Rock	5	—	0.3	118	12	38	118	<5	<3	3	<10	<2	<0.1	32	10	44	<5	37
21ER 010	Rock	15	—	0.5	112	13	31	449	<5	<3	3	<10	<2	0.3	55	39	122	<5	45
21ER 011	Rock	540	—	0.5	69	14	24	1788	5	<3	33	<10	14	0.4	61	87	161	<5	42
21ER 012	Rock	60	—	0.4	40	16	73	79	<5	<3	9	<10	<2	0.3	7	54	155	<5	141
21ER 013	Rock	10	—	0.9	420	14	28	106	<5	<3	3	<10	<2	0.1	7	29	160	<5	96
21ER 014	Rock	8	—	0.4	77	12	14	372	7	<3	3	<10	<2	0.1	19	32	534	<5	129
Minimum Detection		2	0.07	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1
Maximum Detection		10000	1000.00	100.0	20000	20000	20000	10000	1000	10000	1000	1000	10000	100.0	10000	10000	10000	1000	10000
Method		FA/AAS	FAGrav	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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iPL 97J1040

2036 Columbia Street
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Client : Nicholson & Associates
Project: PFC

25 Samples
25=Rock

[104008:59:01:79102097]

Out: Oct 16, 1997
In : Oct 15, 1997

Sample Name	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
2ER421	42	89	17	113	5	1	0.10	1.31	1.13	0.91	0.89	0.23	0.17	0.13
2ER422	141	127	6	81	1	4	0.41	3.22	1.16	4.15	2.86	1.65	0.20	0.18
2ER423	90	110	10	54	3	5	0.20	1.40	0.73	2.34	1.29	0.57	0.17	0.13
2ER424	53	141	15	122	4	2	0.10	1.66	1.26	1.50	0.93	0.31	0.18	0.13
2ER425	162	113	8	72	1	7	0.22	2.24	0.87	3.97	1.79	0.69	0.35	0.16
2ER426	193	167	6	95	1	8	0.32	3.17	1.38	4.63	1.79	1.11	0.37	0.17
2ER427	241	223	5	37	1	11	0.40	3.18	0.82	4.98	2.87	2.00	0.28	0.20
2ER428	96	129	12	89	3	4	0.18	1.81	1.16	4.15	1.13	0.41	0.30	0.20
2ER429	123	119	13	103	2	3	0.23	2.55	1.38	3.98	1.43	0.82	0.33	0.21
2ER430	170	170	4	73	1	5	0.41	3.18	1.29	4.66	1.85	1.31	0.26	0.14
2ER431	169	170	13	37	2	5	0.23	2.17	0.79	4.42	2.07	1.11	0.30	0.21
2ER434	215	272	4	19	1	7	0.56	2.58	0.63	5.36	2.21	1.58	0.16	0.16
21ER 001	25	130	22	92	2	2	0.09	0.79	1.06	0.88	0.35	0.29	0.15	0.05
21ER 002	26	72	10	528	5	<1	0.13	7.52	5.82	0.51	0.25	0.11	0.56	0.16
21ER 004	136	98	9	21	4	6	0.15	1.37	0.61	3.04	0.97	0.71	0.08	0.05
21ER 005	61	163	13	29	16	3	0.19	0.79	1.58	1.75	0.35	0.33	0.14	0.08
21ER 006	39	136	14	27	10	1	0.09	0.54	1.26	1.06	0.17	0.13	0.14	0.06
21ER 007	124	64	8	14	2	4	0.12	1.13	0.35	2.75	0.73	0.54	0.08	0.04
21ER 008	43	96	11	11	5	2	0.06	0.45	0.79	1.17	0.27	0.15	0.06	0.04
21ER 009	225	187	6	26	2	12	0.66	2.36	0.78	4.93	1.69	1.60	0.14	0.18
21ER 010	35	191	19	194	7	1	0.07	1.59	3.33	1.24	0.30	0.23	0.20	0.18
21ER 011	110	161	16	221	10	1	0.12	2.70	3.16	0.81	0.29	0.13	0.36	0.17
21ER 012	543	81	20	79	11	2	0.11	1.34	0.87	1.34	0.35	0.30	0.15	0.08
21ER 013	89	61	11	73	4	3	0.09	1.57	0.81	1.46	0.52	0.39	0.14	0.06
21ER 014	109	84	6	34	1	6	0.15	1.84	0.49	2.08	1.18	0.87	0.11	0.05
Minimum Detection	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	1.00	10.00	10.00	10.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

--=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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iPL 97J1090

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Nicholson & Associates — **239 Samples** — Out: Oct 28, 1997 — In: Oct 28, 1997 — [109016:55:55:79102897]

Project : PFC
Shipper : George Nicholson
Shipment: PO#:
Analysis:
Au(AqR/Ext/AAS/10g) ICP(AqR)29 Hg

Comment:

Document Distribution

1 Nicholson & Associates
1210 - 675 W Hastings St
Vancouver
B.C. V6B 1N2
Canada
Att: George Nicholson
Ph:604/682-1845
Fx:604/682-1816

EN	RT	CC	IN	FX
1	2	2	2	1
DL	3D	EM	BT	BL
0	0	0	1	0

2 Nicholson & Associates
Dawson City
Yukon
Canada
Att: Bill/George/Garth
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EN	RT	CC	IN	FX
1	2	2	2	1
DL	3D	EM	BT	BL
0	0	0	0	0

CODE	AMOUNT	TYPE	PREPARATION DESCRIPTION	PULP	REJECT
B121	239	Silt	Dry & sift to -80 mesh, no reject.	12M/Dis	00M/Dis

NS=No Sample Rep=Replicate M=Month Dis=Discard

Analytical Summary

##	Code	Method	Units	Description	Element	Limit Low	Limit High
01	0513	GeoSp	ppb	Au AqR/Ext/AAS 10g	Gold	5	9999
02	0721	ICP	ppm	Ag ICP	Silver	0.1	99.9
03	0711	ICP	ppm	Cu ICP	Copper	1	20000
04	0714	ICP	ppm	Pb ICP	Lead	2	20000
05	0730	ICP	ppm	Zn ICP	Zinc	1	20000
06	0703	ICP	ppm	As ICP	Arsenic	5	9999
07	0702	ICP	ppm	Sb ICP	Antimony	5	999
08	0520	CVA	ppb	Hg Cold Vapor/AAS	Mercury	5	9999
09	0717	ICP	ppm	Mo ICP	Molydenum	1	999
10	0747	ICP	ppm	Tl ICP (Incomplete Digestion)	Thallium	10	999
11	0705	ICP	ppm	Bi ICP	Bismuth	2	9999
12	0707	ICP	ppm	Cd ICP	Cadmium	0.1	99.9
13	0710	ICP	ppm	Co ICP	Cobalt	1	9999
14	0718	ICP	ppm	Ni ICP	Nickel	1	9999
15	0704	ICP	ppm	Ba ICP (Incomplete Digestion)	Barium	2	9999
16	0727	ICP	ppm	W ICP (Incomplete Digestion)	Tungsten	5	999
17	0709	ICP	ppm	Cr ICP (Incomplete Digestion)	Chromium	1	9999
18	0729	ICP	ppm	V ICP	Vanadium	2	9999
19	0716	ICP	ppm	Mn ICP	Manganese	1	9999
20	0713	ICP	ppm	La ICP (Incomplete Digestion)	Lanthanum	2	9999
21	0723	ICP	ppm	Sr ICP (Incomplete Digestion)	Strontium	1	9999
22	0731	ICP	ppm	Zr ICP	Zirconium	1	9999
23	0736	ICP	ppm	Sc ICP	Scandium	1	9999
24	0726	ICP	%	Ti ICP (Incomplete Digestion)	Titanium	0.01	1.00
25	0701	ICP	%	Al ICP (Incomplete Digestion)	Aluminum	0.01	9.99
26	0708	ICP	%	Ca ICP (Incomplete Digestion)	Calcium	0.01	9.99
27	0712	ICP	%	Fe ICP	Iron	0.01	9.99
28	0715	ICP	%	Mg ICP (Incomplete Digestion)	Magnesium	0.01	9.99
29	0720	ICP	%	K ICP (Incomplete Digestion)	Potassium	0.01	9.99
30	0722	ICP	%	Na ICP (Incomplete Digestion)	Sodium	0.01	5.00
31	0719	ICP	%	P ICP	Phosphorus	0.01	5.00

COPY

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DL=Download 3D=3½ Disk EM=E-Mail BT=BBS Type BL=BBS(1=Yes 0=No) ID=C02110104
* Our liability is limited solely to the analytical cost of these analyses.

BC Certified Assayers David Chiu

INTERNATIONAL PLASMA LABORATORY LTD.

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Client : Nicholson & Associates
Project: PFC

239 Samples
239=Silt

[109016:55:55:79102897]

Out: Oct 28, 1997
In : Oct 28, 1997

Sample Name		Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppb	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
E-7 0219	L	<	0.5	25	15	31	5	<	220	<	<	<	0.4	2	8	153	<	16	6	366	2	13	1	<	0.01	0.20	0.16	0.38	0.07	0.13	0.03	0.12
E-7 0220	L	<	0.3	71	11	51	10	<	75	<	<	<	0.4	1	5	55	<	29	2	559	<	10	<	<	<	0.09	0.37	0.12	0.10	0.25	0.05	0.09
E-7 0221	L	<	<	10	4	62	<	<	85	3	<	<	3.2	<	3	96	<	4	2	235	<	98	<	<	<	0.05	2.80	0.09	0.58	0.04	0.03	0.07
E-7 0222	L	<	<	26	8	26	<	<	45	<	<	<	0.4	<	2	34	<	14	<	56	<	28	<	<	<	0.03	0.76	0.06	0.18	0.32	0.05	0.05
E-7 0223	L	10	0.1	16	11	45	<	<	75	1	<	<	0.5	<	3	76	<	8	2	101	<	65	<	<	<	0.04	1.71	0.07	0.29	0.39	0.04	0.09
E-7 0227	L	<	0.1	29	5	194	<	<	45	<	<	<	10.1	<	5	92	<	52	3	237	<	51	<	<	<	0.04	0.90	0.13	0.18	0.37	0.03	0.12
E-7 0228	L	<	0.3	32	17	142	13	<	320	2	<	<	1.9	7	29	467	<	20	69	380	15	61	1	1	0.01	1.09	0.81	1.75	0.52	0.10	0.02	0.13
E-7 0229	L	8	0.4	46	10	158	7	<	240	3	<	<	2.8	8	33	247	<	20	61	398	13	46	1	2	0.02	0.90	0.61	2.00	0.39	0.08	0.02	0.11
E-7 0230	L	<	0.3	43	12	184	12	<	315	3	<	<	2.6	9	45	289	<	24	55	270	12	89	1	3	0.02	1.21	1.30	1.80	0.59	0.08	0.03	0.12
E-7 0233	L	8	0.4	39	15	201	8	<	360	2	<	<	1.4	9	39	243	<	22	53	215	12	52	1	2	0.02	1.08	0.66	1.92	0.47	0.08	0.02	0.09
E-7 0235	L	6	0.4	48	20	198	13	<	540	3	<	<	1.6	9	39	337	<	22	65	209	12	71	1	3	0.02	1.12	0.90	2.10	0.50	0.10	0.02	0.12
E-7 0236	L	8	0.4	83	19	158	12	<	535	3	<	<	3.3	26	43	375	<	22	64	810	16	85	1	2	0.01	1.21	1.36	1.56	0.51	0.07	0.02	0.14
E-7 0237	L	<	0.4	34	9	125	6	<	350	2	<	<	2.9	6	32	306	<	15	43	236	7	96	1	1	0.01	0.71	1.65	1.21	0.46	0.08	0.02	0.12
E-7 0238	L	<	0.2	29	10	148	10	<	65	2	<	<	1.9	10	33	168	<	24	65	254	14	30	1	3	0.05	1.10	0.42	2.35	0.49	0.06	0.03	0.09
E-7 0239	L	<	0.1	24	9	79	11	<	35	1	<	<	1.4	8	23	187	<	22	41	194	14	22	1	2	0.04	0.97	0.31	2.00	0.41	0.05	0.02	0.09
8D S 0244	L	<	<	72	21	300	5	<	255	14	<	<	1.0	14	52	1048	<	11	73	2956	6	79	1	3	<	0.71	0.78	3.14	0.23	0.11	0.02	0.12
8D S 0245	L	<	<	61	4	103	<	<	225	3	<	<	1.3	5	42	906	<	6	21	540	4	106	2	1	<	0.46	1.71	1.52	0.28	0.09	0.02	0.09
8D S 0246	L	<	2.0	66	13	86	5	<	540	4	<	<	0.4	6	38	896	<	13	55	398	7	82	1	2	0.01	0.75	0.91	1.76	0.25	0.07	0.02	0.15
8D S 0247	L	<	0.5	54	9	111	15	<	300	8	<	<	0.8	9	29	636	<	9	79	652	4	76	3	2	0.01	0.57	1.53	1.69	0.31	0.06	0.02	0.11
8D S 0248	L	<	0.3	53	10	125	<	<	240	7	<	<	1.0	9	34	722	<	11	65	536	5	65	1	2	0.01	0.61	0.64	2.16	0.21	0.10	0.02	0.09
8D S 0249	L	<	0.1	55	11	154	<	<	195	6	<	<	1.5	10	38	639	<	10	46	921	6	60	1	2	0.01	0.58	0.58	2.27	0.18	0.12	0.02	0.10
8D S 0250	L	<	<	61	7	124	<	<	235	4	<	<	1.1	8	38	611	<	9	36	931	4	62	1	2	<	0.55	0.94	2.04	0.23	0.09	0.02	0.09
8D S 0251	L	<	<	64	7	216	<	<	175	7	<	<	1.2	8	37	537	<	14	82	448	6	65	<	2	0.01	0.59	0.36	2.45	0.16	0.16	0.02	0.12
8D S 0252	L	<	0.5	55	10	186	<	<	255	6	<	<	1.4	8	37	534	<	14	64	399	7	66	1	2	0.01	0.67	0.60	2.41	0.24	0.11	0.02	0.10
8D S 0253	L	<	0.1	76	13	233	<	<	240	8	<	<	1.5	12	50	585	<	13	78	627	7	59	1	2	0.01	0.66	0.59	2.59	0.20	0.11	0.02	0.10
8D S 0254	L	<	<	70	10	261	12	<	225	7	<	<	1.8	11	46	585	<	13	67	635	7	62	1	3	<	0.60	0.39	2.80	0.14	0.23	0.02	0.12
8D S 0255	L	6	<	64	10	212	<	<	245	7	<	<	1.6	8	43	580	<	16	80	436	8	64	<	2	0.01	0.77	0.50	2.45	0.27	0.12	0.02	0.11
8D S 0256	L	10	<	63	9	311	<	<	225	6	<	<	3.6	10	57	504	<	13	71	497	7	54	1	2	0.01	0.64	0.60	2.27	0.22	0.14	0.02	0.11
8D S 0257	L	<	0.6	46	13	136	7	<	245	8	<	<	1.6	7	30	710	<	20	86	537	9	62	<	1	0.01	0.89	0.45	2.25	0.28	0.09	0.02	0.11
8D S 0258	L	18	1.6	40	11	81	<	<	200	5	<	<	1.9	3	22	563	<	23	107	175	5	62	<	<	<	0.58	0.31	1.31	0.12	0.08	0.02	0.13
8D S 0259	L	<	<	69	10	120	<	<	145	5	<	<	2.4	10	31	806	<	21	57	1782	7	65	<	1	0.01	0.89	0.58	2.15	0.20	0.09	0.02	0.14
8D S 0260	L	<	1.1	90	10	435	17	9	595	24	<	<	5.0	10	66	1011	<	19	165	881	8	77	1	1	0.01	0.99	0.83	2.40	0.26	0.11	0.02	0.16
8D S 0261	L	<	0.3	70	11	169	<	<	240	8	<	<	1.9	11	45	473	<	12	67	576	6	59	1	2	<	0.57	0.79	2.47	0.23	0.12	0.02	0.09
8E S 0180	L	6	1.5	114	45	128	432	10	155	12	<	<	4.1	6	42	212	<	37	145	182	11	30	<	1	0.02	1.53	0.16	2.92	0.88	0.11	0.02	0.14
8E S 0181	L	12	1.8	266	64	189	881	20	235	16	<	<	0.7	30	91	336	<	53	216	1077	21	41	<	2	0.04	2.82	0.34	4.54	1.70	0.22	0.02	0.20
8E S 0182	L	10	1.9	221	53	172	726	17	180	12	<	4	1.0	22	75	277	<	50	185	783	20	36	<	2	0.04	2.59	0.30	3.90	1.58	0.20	0.02	0.17
8E S 0183	L	14	1.3	182	51	181	654	13	185	11	<	<	0.2	16	59	226	<	46	176	582	17	30	1	2	0.04	2.50	0.22	3.81	1.55	0.17	0.02	0.15
8E S 0184	L	<	1.5	128	40	270	256	9	200	11	<	<	1.1	13	55	272	<	39	162	446	18	42	<	1	0.02	2.02	0.30	3.42	0.98	0.15	0.03	0.17
8E S 0185	L	<	1.8	142	43	270	329	12	240	10	<	<	3.5	35	67	337	<	41	160	1446	18	44	<	1	0.02	2.14	0.38	3.48	1.07	0.16	0.03	0.19
Min Limit		5	0.1	1	2	1	5	5	5	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*		9999	99.9	20000	20000	20000	9999	999	9999	999	999	9999	99.9	9999	9999	9999	999	9999	9999	9999	9999	9999	9999	9999	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method		GeoS	ICP	ICP	ICP	ICP	ICP	ICP	CVA	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck mx1000 %-Estimate % NS=No Sample!-Silt+

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iPL 97J1090

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Client : Nicholson & Associates
Project: PFC

239 Samples
239=Silt

[109016:55:55:79102897]

Out: Oct 28, 1997
In : Oct 28, 1997

Sample Name		Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppb	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
8E S 0186	L	<	1.8	184	29	473	144	7	330	7	<	<	9.3	13	112	263	<	31	112	575	20	63	<	1	0.02	1.63	1.01	2.54	0.83	0.15	0.03	0.18
8E S 0187	L	6	1.5	134	29	405	149	6	245	6	<	<	4.0	12	82	310	<	34	120	399	23	62	<	1	0.02	1.68	0.92	2.59	0.84	0.15	0.03	0.17
8E S 0188	L	8	1.6	146	27	863	174	6	345	7	<	<	9.4	15	107	304	<	32	118	614	20	56	<	1	0.02	2.06	0.74	2.69	0.77	0.14	0.03	0.20
8E S 0189	L	<	1.1	101	19	497	101	6	200	7	<	<	5.9	12	78	328	<	36	106	483	17	54	1	2	0.03	1.85	0.66	2.50	0.91	0.44	0.03	0.19
8E S 0190	L	<	1.4	161	44	491	185	8	435	14	<	<	6.9	15	85	433	<	44	202	869	21	66	<	1	0.02	1.76	0.49	3.25	0.87	0.21	0.02	0.24
8E S 0191	L	8	0.9	110	27	434	121	18	145	9	<	<	3.5	13	76	422	<	47	163	516	24	91	1	4	0.03	2.05	0.85	3.32	1.07	0.48	0.04	0.33
8E S 0192	L	<	1.4	94	30	415	132	8	205	10	<	<	3.9	13	66	517	<	41	188	729	20	75	<	2	0.03	1.87	0.67	3.17	0.90	0.31	0.02	0.27
8E S 0193	L	8	1.4	76	34	361	128	7	290	11	<	<	3.1	13	62	390	<	48	256	688	21	75	<	1	0.02	1.75	0.56	2.81	0.86	0.26	0.02	0.23
8E S 0194	L	20	1.0	91	28	434	173	5	265	7	<	<	7.8	15	62	443	<	36	161	957	19	58	<	1	0.02	1.80	0.62	2.82	0.76	0.15	0.03	0.19
8E S 0195	L	14	2.1	124	204	850	94	11	415	30	<	<	4.4	15	121	1158	<	32	210	980	23	204	<	3	0.01	0.97	0.46	3.15	0.11	0.23	0.02	0.31
8E S 0196	L	<	0.9	106	26	455	100	7	175	8	<	<	7.2	26	79	590	<	37	127	2067	21	73	<	2	0.02	1.62	0.75	3.29	0.71	0.28	0.03	0.20
8E S 0197	L	<	<	21	18	78	10	<	45	5	<	<	0.6	6	22	342	<	25	64	210	18	49	<	2	0.02	1.24	0.17	2.39	0.37	0.11	0.02	0.08
8E S 0198	L	<	1.4	22	11	31	7	<	235	6	<	<	0.1	1	12	393	<	31	117	44	20	49	<	1	0.01	0.60	0.07	1.30	0.12	0.08	0.02	0.08
8E S 0199	L	<	<	33	11	95	11	<	125	4	<	<	0.3	4	20	331	<	33	131	177	13	54	<	1	0.01	1.15	0.13	1.88	0.30	0.06	0.02	0.10
8E S 0200	L	<	<	33	12	80	12	<	135	2	<	<	1.1	6	23	380	<	31	84	167	14	36	<	1	0.02	1.39	0.16	2.14	0.39	0.06	0.02	0.10
8E S 0201	L	<	1.0	100	26	369	122	7	195	10	<	<	4.2	10	94	328	<	48	164	348	14	91	2	3	0.03	1.62	0.84	3.21	0.95	0.43	0.05	0.21
8E S 0202	L	<	0.6	62	23	458	33	7	150	7	<	<	6.6	9	74	321	<	43	110	384	15	87	1	3	0.03	1.55	1.14	2.46	1.02	0.20	0.03	0.14
8E S 0203	L	<	0.8	55	15	381	18	<	290	3	<	<	3.8	8	67	243	<	30	89	144	17	56	<	3	0.04	1.30	0.67	2.03	0.55	0.09	0.03	0.11
8E S 0204	L	20	<	41	12	220	15	<	160	4	<	<	2.1	7	46	231	<	26	85	205	16	44	<	2	0.03	1.22	0.48	1.90	0.47	0.08	0.03	0.10
8E S 0205	L	45	1.1	62	36	458	64	7	205	9	<	<	3.5	10	75	303	<	37	150	453	19	78	<	2	0.03	1.38	0.83	3.03	0.64	0.14	0.02	0.16
8E S 0206	L	<	0.3	42	18	249	26	<	145	5	<	<	2.8	7	54	225	<	26	94	309	14	47	<	2	0.03	1.12	0.46	2.00	0.46	0.09	0.02	0.12
8E S 0207	L	<	0.5	70	15	633	27	<	150	10	<	<	4.3	13	94	457	<	33	125	680	17	72	<	3	0.02	1.31	0.57	4.22	0.55	0.23	0.02	0.22
8E S 0208	L	<	0.4	38	9	111	11	<	135	3	<	<	1.1	6	23	361	<	28	98	161	14	32	<	1	0.02	1.30	0.24	2.07	0.39	0.07	0.02	0.09
8E S 0209	L	<	1.1	34	10	67	12	<	135	4	<	<	0.4	4	20	427	<	26	94	145	12	49	<	<	0.01	1.19	0.41	1.86	0.39	0.06	0.02	0.08
8E S 0210	L	<	0.7	69	29	356	84	8	190	10	<	<	2.3	12	61	367	<	37	157	644	19	66	<	2	0.03	1.62	0.71	3.15	0.79	0.17	0.02	0.16
8E S 0211	L	6	0.7	67	16	612	23	<	225	7	<	<	9.6	11	88	302	<	31	119	544	17	68	<	2	0.02	1.35	0.90	2.80	0.51	0.12	0.02	0.14
8E S 0212	L	26	0.6	146	14	930	18	6	170	20	<	<	6.5	22	113	674	<	58	232	1210	19	71	<	4	0.02	1.48	0.49	6.51	0.54	0.34	0.02	0.21
8E S 0213	L	<	<	35	11	315	12	<	105	2	<	<	2.9	9	49	247	<	27	68	224	17	44	<	3	0.05	1.34	0.54	2.16	0.51	0.08	0.03	0.10
10B S 0412	L	<	<	21	9	84	14	<	125	1	<	<	0.5	11	22	707	<	28	51	870	14	45	<	2	0.01	1.96	0.74	2.45	0.45	0.07	0.02	0.11
10B S 0413	L	<	<	46	13	138	6	<	220	4	<	<	0.2	11	33	727	<	26	50	617	13	53	<	3	0.01	1.41	0.51	3.30	0.32	0.10	0.02	0.13
10B S 0414	L	<	<	21	11	92	9	<	125	1	<	<	1.2	8	20	453	<	24	35	349	13	45	<	2	0.01	1.56	0.71	2.00	0.46	0.06	0.02	0.08
10B S 0415	L	<	<	32	14	113	6	<	85	2	<	<	0.3	14	31	515	<	27	43	1313	14	48	1	3	0.01	1.70	0.70	3.15	0.77	0.11	0.02	0.12
10B S 0416	L	<	<	20	9	75	5	<	125	1	<	<	<	7	18	424	<	21	33	295	11	42	<	2	0.01	1.35	0.69	1.89	0.41	0.05	0.02	0.08
10B S 0417	L	46	<	22	10	85	9	<	135	1	<	<	0.3	8	20	461	<	22	37	422	13	53	<	2	0.01	1.45	0.93	1.94	0.43	0.06	0.02	0.09
10B S 0418	L	<	<	18	10	80	6	<	155	1	<	<	0.3	8	18	409	<	21	36	352	15	43	<	2	0.02	1.34	0.69	1.92	0.42	0.07	0.02	0.08
10B S 0419	L	<	<	22	9	90	10	<	145	1	<	<	0.5	9	21	465	<	23	38	464	13	51	<	2	0.01	1.57	0.85	2.07	0.47	0.06	0.02	0.09
10B S 0420	L	<	<	18	10	93	8	<	105	1	<	<	0.3	10	20	378	<	21	35	429	14	46	<	2	0.02	1.45	0.82	1.96	0.46	0.09	0.02	0.08
10B S 0421	L	<	<	22	8	103	10	<	115	1	<	<	0.6	10	24	459	<	24	38	436	17	59	<	3	0.02	1.61	1.10	2.19	0.54	0.10	0.02	0.09
10B S 0422	L	12	<	22	6	85	9	<	105	1	<	<	0.3	10	22	411	<	23	34	199	15	60	1	3	0.02	1.49	1.18	1.98	0.51	0.09	0.02	0.09
Min Limit		5	0.1	1	2	1	5	5	5	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*		9999	99.9	20000	20000	20000	9999	999	9999	999	999	9999	99.9	9999	9999	9999	999	9999	9999	9999	9999	9999	9999	9999	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method		GeoS	ICP	ICP	ICP	ICP	ICP	ICP	CVA	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample I=Silt

INTERNATIONAL PLASMA LABORATORY LTD.

CERTIFICATE OF ANALYSIS
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Client : Nicholson & Associates
Project: PFC

239 Samples
239=Silt

[109016:55:55:79102897]

Out: Oct 28, 1997
In : Oct 28, 1997

Sample Name		Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppb	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
10B S 0423	L	<	<	20	9	76	<	<	85	1	<	<	0.4	9	20	354	<	21	33	296	15	42	1	3	0.02	1.34	0.75	2.00	0.51	0.08	0.02	0.08
10B S 0424	L	<	<	26	8	85	6	<	80	1	<	<	0.6	10	24	412	<	24	34	350	19	45	1	4	0.02	1.53	0.77	2.30	0.66	0.09	0.02	0.08
10B S 0425	L	<	<	35	13	93	61	<	55	1	<	<	0.1	12	28	530	<	25	40	609	18	65	1	3	0.01	1.51	1.39	3.22	0.79	0.15	0.02	0.09
10B S 0426	L	<	<	20	8	80	<	<	65	1	<	<	0.3	9	22	361	<	21	32	295	15	41	1	3	0.02	1.33	0.69	2.19	0.59	0.08	0.02	0.08
10B S 0427	L	<	<	20	5	80	22	<	60	1	<	<	0.5	10	22	404	<	22	29	354	15	54	1	3	0.02	1.43	0.99	2.22	0.61	0.09	0.02	0.08
10B S 0428	L	6	<	14	9	67	<	<	55	<	<	<	<	7	19	298	<	18	29	267	13	35	1	2	0.02	1.15	0.60	1.72	0.45	0.06	0.02	0.07
10B S 0429	L	<	<	19	11	83	<	<	90	1	<	<	0.1	9	21	361	<	22	27	290	14	55	1	3	0.01	1.41	1.02	1.90	0.54	0.08	0.02	0.08
10B S 0430	L	<	<	24	12	82	7	<	105	1	<	<	0.3	8	20	302	<	23	29	357	13	62	1	3	0.02	1.43	1.17	1.88	0.54	0.09	0.02	0.09
10B S 0431	L	<	<	31	12	103	6	<	60	1	<	<	<	15	29	547	<	27	43	762	17	52	1	3	0.01	1.61	0.76	3.52	0.78	0.19	0.02	0.11
10B S 0432	L	<	<	46	11	91	6	<	100	2	<	<	<	13	27	752	<	26	45	560	17	60	1	4	0.02	1.44	0.80	3.01	0.59	0.17	0.02	0.12
10B S 0433	L	<	<	20	6	72	<	<	85	<	<	<	0.1	8	17	292	<	20	30	321	12	49	1	3	0.02	1.26	0.87	1.71	0.47	0.07	0.02	0.07
10B S 0434	L	<	<	21	10	76	<	<	85	1	<	<	0.2	8	20	301	<	22	30	374	13	50	1	3	0.02	1.28	0.91	1.77	0.49	0.07	0.02	0.08
10B S 0435	L	<	<	22	9	85	8	<	95	1	<	<	0.3	9	21	321	<	22	29	344	14	58	1	3	0.02	1.39	1.09	1.86	0.55	0.08	0.02	0.09
10B S 0436	L	<	<	19	7	77	5	<	70	<	<	<	0.3	8	20	296	<	22	28	145	14	50	1	3	0.02	1.37	0.91	1.66	0.53	0.08	0.02	0.08
10B S 0437	L	<	<	35	9	93	<	<	60	2	<	<	<	13	25	488	<	22	42	585	15	53	1	4	0.02	1.25	0.78	3.43	0.63	0.10	0.02	0.11
10B S 0438	L	<	<	20	5	70	5	<	60	<	<	<	0.2	8	19	320	<	20	31	297	12	52	1	3	0.02	1.24	0.95	1.86	0.51	0.06	0.02	0.07
10B S 0439	L	<	<	15	5	69	<	<	125	1	<	<	<	8	17	287	<	19	31	222	14	39	1	2	0.02	1.12	0.65	1.92	0.50	0.07	0.02	0.08
10B S 0440	L	<	<	17	7	74	<	<	60	<	<	<	0.4	9	18	318	<	20	33	370	13	45	1	3	0.02	1.23	0.76	2.03	0.54	0.07	0.02	0.08
10B S 0441	L	24	<	14	7	69	6	<	85	1	<	<	0.2	8	18	311	<	20	33	245	14	44	1	3	0.03	1.25	0.72	1.74	0.51	0.07	0.02	0.08
10B S 0442	L	8	<	18	8	75	<	<	55	<	<	<	0.2	8	20	335	<	22	33	287	14	52	1	3	0.03	1.36	0.90	1.84	0.55	0.09	0.02	0.08
10B S 0443	L	16	<	27	8	87	<	<	25	1	<	<	0.6	11	27	377	<	27	56	301	17	41	2	3	0.07	1.20	0.66	2.48	0.57	0.08	0.03	0.10
10B S 0444	L	<	<	26	7	81	<	<	25	1	<	<	0.5	10	24	364	<	24	48	321	14	42	3	3	0.06	1.05	0.91	2.25	0.64	0.08	0.03	0.09
10B S 0445	L	6	<	25	8	78	5	<	30	1	<	<	0.3	9	23	294	<	21	41	364	11	41	2	3	0.05	1.04	0.89	2.12	0.62	0.06	0.03	0.08
10B S 0446	L	14	<	24	7	76	<	<	20	2	<	<	0.5	9	24	391	<	25	51	223	16	39	3	3	0.07	0.99	0.86	2.38	0.62	0.07	0.03	0.10
10B S 0447	L	<	<	23	7	70	<	<	35	1	<	<	0.1	8	21	273	<	20	37	253	11	37	2	3	0.05	0.97	0.78	1.94	0.55	0.06	0.03	0.08
10B S 0448	L	<	<	26	6	85	<	<	25	2	<	<	0.5	10	25	347	<	24	46	398	12	45	3	3	0.06	1.11	1.02	2.38	0.68	0.06	0.03	0.09
10B S 0449	L	<	<	22	10	80	<	<	25	1	<	<	0.6	10	24	341	<	25	47	363	13	42	2	3	0.06	1.13	0.81	2.31	0.61	0.07	0.03	0.09
10B S 0450	L	<	<	18	10	63	<	<	25	1	<	<	<	8	20	313	<	22	42	235	14	37	2	3	0.06	1.01	0.72	1.93	0.51	0.06	0.03	0.09
10B S 0451	L	<	<	19	9	69	5	<	25	<	<	<	0.5	9	22	289	<	23	44	245	15	38	3	3	0.06	1.13	0.65	2.01	0.50	0.07	0.03	0.09
10B S 0452	L	<	<	31	10	95	9	<	65	1	<	<	0.8	13	29	473	<	29	54	381	16	33	1	4	0.05	1.58	0.41	2.67	0.52	0.07	0.03	0.07
11E S 0028	L	<	0.4	54	12	511	8	<	330	6	<	<	2.9	7	46	246	<	23	116	361	14	106	1	2	0.02	1.21	1.17	1.85	0.53	0.09	0.02	0.10
11E S 0029	L	<	<	41	15	373	13	<	155	3	<	<	2.7	8	36	319	<	27	70	375	17	78	1	3	0.02	1.54	1.11	2.05	0.76	0.11	0.02	0.11
11E S 0030	L	10	0.5	39	18	250	19	<	205	4	<	<	1.8	9	36	304	<	26	71	317	17	71	1	3	0.04	1.48	0.96	2.26	0.74	0.09	0.03	0.09
11E S 0031	L	20	0.5	47	10	272	10	<	365	2	<	<	2.3	7	42	322	<	25	56	293	16	87	1	2	0.03	1.33	1.13	1.89	0.65	0.08	0.02	0.10
11E S 0032	L	<	0.3	37	14	190	6	<	215	1	<	<	1.2	7	33	230	<	23	50	224	14	66	1	2	0.03	1.14	0.93	1.73	0.61	0.08	0.02	0.09
11E S 0033	L	18	1.4	127	18	198	<	<	600	3	<	<	5.1	10	65	514	<	20	90	916	11	104	1	2	0.01	1.09	1.68	2.47	0.30	0.07	0.02	0.16
11E S 0034	L	20	1.6	109	20	187	<	<	825	4	<	<	5.2	8	54	505	<	24	97	471	10	91	<	2	0.01	1.10	1.18	2.58	0.28	0.08	0.02	0.15
11E S 0035	L	12	<	120	8	136	<	<	200	3	<	<	2.5	6	38	478	<	103	47	430	4	55	<	2	<	0.45	0.37	1.81	0.10	0.15	0.02	0.10
11E S 0036	L	8	0.6	59	13	231	10	<	410	2	<	<	2.0	8	46	371	<	26	64	259	15	76	1	3	0.03	1.31	1.21	1.85	0.62	0.12	0.02	0.11
Min Limit		5	0.1	1	2	1	5	5	5	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*		9999	99.9	20000	20000	20000	9999	999	9999	999	999	9999	99.9	9999	9999	9999	999	9999	9999	9999	9999	9999	9999	9999	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method		GeoS	ICP	ICP	ICP	ICP	ICP	ICP	CVA	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Client : Nicholson & Associates
Project: PFC

239 Samples
239=Silt

[109016:55:55:79102897]

Out: Oct 28, 1997
In : Oct 28, 1997

Sample Name	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppb	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
11E S 0037 L	<	0.1	27	13	120	15	<	160	2	<	<	0.9	8	25	245	<	26	50	469	12	72	1	2	0.04	1.28	1.07	1.84	0.60	0.07	0.03	0.08
11E S 0038 L	8	0.4	58	11	210	10	<	325	3	<	<	3.3	10	54	310	<	27	74	933	14	84	1	3	0.03	1.27	1.14	2.37	0.57	0.11	0.03	0.12
11E S 0039 L	6	0.5	57	11	163	8	<	450	2	<	<	2.2	7	39	246	<	23	56	543	11	79	1	2	0.02	1.10	1.29	1.86	0.53	0.08	0.02	0.10
11E S 0040 L	<	0.4	52	11	141	<	<	410	1	<	<	2.1	7	36	236	<	21	51	428	9	89	1	2	0.02	1.02	1.65	1.68	0.52	0.06	0.02	0.10
11E S 0041 L	8	<	35	7	90	<	<	105	1	<	<	0.4	8	23	170	<	21	34	313	9	48	1	3	0.03	1.05	0.72	1.79	0.45	0.06	0.02	0.07
11E S 0042 L	<	<	24	6	85	<	<	100	1	<	<	0.5	8	24	140	<	20	35	364	10	48	1	3	0.03	1.01	0.74	1.79	0.45	0.06	0.02	0.07
11E S 0043 L	<	<	30	8	110	6	<	135	1	<	<	0.7	9	29	175	<	23	38	524	10	64	2	3	0.03	1.17	1.03	1.96	0.53	0.08	0.02	0.07
11E S 0044 L	<	<	39	11	140	6	<	250	2	<	<	1.1	8	32	230	<	22	59	306	11	58	1	2	0.03	1.01	0.78	1.83	0.44	0.08	0.02	0.10
11E S 0045 L	16	0.4	43	12	144	7	<	510	3	<	<	1.0	8	35	312	<	28	85	310	14	73	1	3	0.03	1.08	0.87	1.94	0.46	0.11	0.02	0.10
11E S 0046 L	6	0.3	39	13	144	56	<	195	3	<	<	1.2	9	27	485	<	31	84	421	21	81	1	3	0.04	1.83	0.93	2.24	0.77	0.13	0.03	0.09
11E S 0047 L	<	<	32	12	132	36	<	245	3	<	<	1.0	7	27	361	<	25	69	379	17	86	1	3	0.03	1.46	0.97	1.87	0.68	0.12	0.02	0.08
11E S 0048 L	<	<	29	13	128	29	<	175	2	<	<	0.8	8	26	407	<	26	66	364	18	89	1	3	0.03	1.49	1.01	1.90	0.71	0.11	0.02	0.08
11E S 0049 L	56	<	34	10	123	<	<	435	2	<	<	1.1	7	31	236	<	21	59	368	12	60	1	2	0.03	0.90	0.80	1.71	0.40	0.08	0.02	0.09
11E S 0050 L	<	<	23	8	69	<	<	110	2	<	<	0.4	7	17	192	<	20	55	505	12	23	<	2	0.04	0.89	0.25	2.01	0.37	0.05	0.02	0.07
11E S 0051 L	<	0.1	41	11	145	9	<	280	2	<	<	1.1	8	34	232	<	21	58	362	12	62	1	2	0.03	0.98	0.98	1.79	0.45	0.07	0.02	0.09
11E S 0052 L	<	<	43	13	189	13	<	255	3	<	<	1.7	10	39	306	<	24	84	558	15	70	1	3	0.02	1.12	0.85	2.35	0.50	0.10	0.02	0.12
11E S 0053 L	<	0.5	50	10	159	6	<	375	2	<	<	1.5	9	39	240	<	22	66	677	12	78	1	2	0.02	1.01	1.37	1.92	0.49	0.08	0.02	0.10
11E S 0054 L	<	0.3	82	12	240	<	<	245	5	<	<	2.0	11	47	302	<	30	101	305	13	46	3	4	0.05	1.32	0.41	2.87	0.50	0.09	0.04	0.10
11E S 0056 L	26	1.4	73	10	157	<	<	525	4	<	<	0.5	15	45	1267	<	44	114	718	16	95	1	6	0.01	1.54	1.24	3.36	0.53	0.13	0.02	0.13
11E S 0057 L	24	1.4	76	10	157	7	<	530	3	<	<	0.4	15	45	1305	<	44	113	720	16	100	1	6	0.01	1.56	1.29	3.39	0.54	0.12	0.02	0.14
11E S 0058 L	26	1.4	74	11	153	<	<	535	3	<	<	0.2	14	42	1179	<	43	111	692	16	96	1	6	0.01	1.51	1.23	3.36	0.52	0.12	0.02	0.13
11E S 0059 L	22	1.3	69	9	146	<	<	505	3	<	<	0.3	14	41	1219	<	40	105	674	14	90	1	5	0.01	1.41	1.14	3.18	0.50	0.11	0.03	0.13
11E S 0060 L	24	1.4	74	10	151	<	<	525	4	<	<	0.4	14	43	1181	<	41	109	715	15	97	1	6	0.01	1.45	1.24	3.30	0.51	0.11	0.02	0.13
11E S 0061 L	10	1.2	69	10	262	10	<	490	8	<	<	3.7	13	42	745	<	30	218	765	13	70	1	3	0.01	1.03	0.80	2.08	0.36	0.10	0.02	0.13
11E S 0062 L	<	<	34	5	111	<	<	150	2	<	<	1.9	9	32	397	<	19	44	378	10	48	3	3	0.04	0.85	0.76	2.00	0.58	0.09	0.03	0.09
11E S 0063 L	<	0.7	58	13	185	7	<	365	5	<	<	2.6	9	37	1045	<	27	120	411	11	92	<	3	0.02	0.95	0.58	2.16	0.30	0.14	0.02	0.16
11E S 0064 L	6	0.2	59	7	177	<	<	220	2	<	<	2.1	9	43	516	<	22	63	341	11	66	2	4	0.03	1.14	0.94	2.08	0.44	0.11	0.03	0.09
11E S 0065 L	<	0.2	58	11	210	<	<	240	3	<	<	2.7	10	47	588	<	22	69	375	11	68	2	4	0.03	1.14	0.80	2.33	0.43	0.13	0.03	0.10
11E S 0066 L	<	0.1	51	10	174	<	<	250	4	<	<	1.9	9	43	587	<	20	65	340	11	63	2	3	0.03	1.00	0.68	2.30	0.37	0.11	0.02	0.10
11E S 0067 L	<	0.6	76	11	231	<	<	370	4	<	<	3.5	11	51	731	<	26	90	470	12	85	1	4	0.02	1.12	1.14	2.31	0.43	0.12	0.02	0.13
11E S 0068 L	16	<	43	6	178	<	<	210	4	<	<	1.5	8	34	508	<	21	79	290	11	56	1	3	0.03	0.91	0.60	1.95	0.34	0.10	0.02	0.11
11E S 0069 L	8	<	31	4	143	<	<	130	1	<	<	1.2	7	41	372	<	18	49	273	10	49	1	3	0.03	0.93	0.70	1.71	0.39	0.07	0.03	0.08
11E S 0070 L	6	<	27	8	80	7	<	135	2	<	<	0.5	8	23	418	<	20	60	317	10	42	1	3	0.03	0.96	0.44	1.84	0.37	0.06	0.03	0.09
11E S 0071 L	<	<	13	5	61	<	<	55	1	<	<	0.3	7	21	231	<	18	41	213	12	28	1	2	0.04	0.90	0.39	1.56	0.38	0.04	0.03	0.06
11E S 0072 L	8	<	29	7	137	<	<	150	2	<	<	1.1	7	32	369	<	19	54	269	11	45	1	3	0.04	0.93	0.58	1.79	0.39	0.08	0.03	0.09
11E S 0073 L	<	0.1	47	9	170	9	<	240	3	<	<	2.0	12	44	501	<	25	77	661	12	60	<	3	0.03	1.11	0.75	2.16	0.43	0.10	0.02	0.11
11E S 0074 L	<	<	34	9	130	5	<	135	2	<	<	1.3	9	33	430	<	23	63	335	14	48	1	3	0.05	1.05	0.63	2.14	0.47	0.10	0.03	0.10
11E S 0074 A L	<	<	36	9	145	5	<	160	2	<	<	1.5	10	36	437	<	22	63	399	12	50	1	3	0.04	1.09	0.66	2.17	0.48	0.10	0.03	0.10
11E S 0075 L	<	<	39	7	138	<	<	145	3	<	<	1.2	9	33	445	<	22	65	387	13	50	1	3	0.04	0.98	0.61	2.21	0.45	0.10	0.03	0.11
Min Limit	5	0.1	1	2	1	5	5	5	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*	9999	99.9	20000	20000	20000	9999	999	9999	999	999	9999	99.9	9999	9999	9999	999	9999	9999	9999	9999	9999	9999	9999	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method	GeoS	ICP	ICP	ICP	ICP	ICP	ICP	CVA	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample L=Silt

INTERNATIONAL PLASMA LABORATORY LTD.

CERTIFICATE OF ANALYSIS
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Client : Nicholson & Associates
Project: PFC

239 Samples
239=Silt

[109016:55:55:79102897]

Out: Oct 28, 1997
In : Oct 28, 1997

Sample Name		Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppb	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
16E S 0126	L	<	0.3	15	9	65	7	<	95	1	<	<	0.2	4	17	214	<	25	59	105	12	23	<	<	0.01	1.16	0.15	1.66	0.36	0.05	0.02	0.07
16E S 0127	L	<	<	15	6	57	7	<	115	1	<	<	0.2	4	15	207	<	22	46	111	11	21	<	<	0.01	0.96	0.15	1.37	0.30	0.05	0.02	0.05
16E S 0128	L	<	<	17	10	73	13	<	95	2	<	<	0.2	4	18	199	<	27	67	130	12	22	<	1	0.02	1.24	0.14	1.87	0.39	0.05	0.02	0.07
16E S 0129	L	<	0.3	22	9	135	15	<	120	2	<	<	1.3	11	37	273	<	22	105	912	12	60	<	<	0.01	1.26	0.69	1.80	0.40	0.08	0.02	0.11
16E S 0130	L	<	<	20	10	120	14	<	110	3	<	<	0.8	6	24	266	<	24	74	369	11	50	<	<	0.01	1.20	0.63	1.86	0.43	0.06	0.02	0.12
16E S 0132	L	<	0.3	29	9	168	10	<	155	3	<	<	1.8	7	37	289	<	22	76	560	10	65	<	1	0.01	1.15	0.78	1.81	0.41	0.04	0.02	0.11
16E S 0133	L	<	0.3	25	12	106	5	<	190	4	<	<	1.0	4	23	282	<	22	68	105	12	43	<	1	0.01	0.79	0.29	1.47	0.25	0.06	0.02	0.08
16E S 0134	L	<	0.4	40	10	243	10	<	185	3	<	<	3.0	8	56	302	<	24	85	481	11	78	<	1	0.02	1.11	0.97	1.92	0.44	0.07	0.02	0.14
16E S 0135	L	<	0.2	38	13	148	10	<	190	4	<	<	1.2	8	43	279	<	24	93	353	11	64	<	2	0.02	0.96	0.60	1.89	0.33	0.07	0.02	0.13
16E S 0136	L	<	<	25	6	149	<	<	170	1	<	<	1.8	6	36	229	<	18	51	180	8	85	<	1	0.02	0.81	1.32	1.48	0.40	0.04	0.03	0.11
16E S 0137	L	<	0.2	38	11	264	9	<	135	2	<	<	3.4	8	56	315	<	23	81	426	11	81	<	1	0.02	1.03	0.98	1.91	0.41	0.06	0.02	0.15
16E S 0137 A	L	<	<	34	11	218	5	<	155	3	<	<	2.7	7	45	271	<	21	73	398	10	69	<	1	0.01	0.91	0.79	1.69	0.35	0.05	0.02	0.12
16E S 0138	L	<	<	21	7	78	8	<	210	3	<	<	0.4	6	20	261	<	21	58	176	9	25	<	2	0.03	1.06	0.21	1.80	0.36	0.03	0.02	0.07
16E S 0139	L	<	<	23	8	84	6	<	245	3	<	<	0.4	7	22	286	<	23	66	191	10	27	<	2	0.03	1.15	0.22	1.93	0.39	0.03	0.02	0.06
16E S 0140	L	<	<	22	9	85	9	<	205	2	<	<	0.5	7	22	290	<	23	66	190	11	27	<	2	0.03	1.18	0.24	1.96	0.40	0.04	0.02	0.07
16E S 0141	L	<	<	22	11	86	8	<	200	2	<	<	0.4	7	22	280	<	24	66	191	11	27	<	2	0.04	1.19	0.23	1.97	0.40	0.04	0.02	0.07
16E S 0142	L	12	<	31	9	201	5	<	190	2	<	<	1.5	8	37	269	<	21	72	327	12	55	<	2	0.02	0.96	0.64	1.70	0.38	0.06	0.02	0.10
16E S 0143	L	6	0.8	37	11	219	7	<	265	3	<	<	2.2	8	40	292	<	23	87	378	11	60	1	2	0.02	1.05	0.77	1.84	0.42	0.05	0.02	0.11
16E S 0145	L	<	<	22	11	128	5	<	115	2	<	<	0.7	9	26	246	<	22	47	390	13	39	1	2	0.03	1.18	0.55	1.83	0.48	0.06	0.02	0.06
16E S 0146	L	<	0.6	40	13	292	10	<	250	4	<	<	2.9	9	48	316	<	25	92	485	12	73	<	2	0.02	1.13	0.88	2.14	0.46	0.07	0.02	0.12
16E S 0191	L	8	<	26	<	59	<	<	280	2	<	<	0.2	4	15	374	<	16	36	96	9	30	<	2	0.02	0.79	0.25	1.27	0.32	0.06	0.02	0.08
16E S 0192	L	12	<	30	3	63	<	<	265	2	<	<	0.1	5	16	450	<	17	37	145	8	32	<	2	0.02	0.86	0.26	1.35	0.34	0.06	0.02	0.09
16E S 0193	L	24	0.2	33	7	66	<	<	310	2	<	<	0.3	5	17	452	<	18	39	124	10	34	<	2	0.02	0.87	0.27	1.40	0.35	0.07	0.02	0.09
16E S 0194	L	10	<	43	7	116	6	<	250	3	<	<	0.9	13	26	943	<	24	59	460	11	47	1	3	0.01	1.22	0.55	1.90	0.49	0.11	0.02	0.11
16E S 0196	L	<	<	22	5	83	<	<	85	2	<	<	0.9	12	25	863	<	27	51	438	13	40	1	3	0.04	1.03	0.55	2.30	0.55	0.07	0.03	0.10
16E S 0197	L	<	<	31	5	104	<	<	145	2	<	<	1.0	11	27	938	<	26	54	392	12	44	1	3	0.02	1.14	0.55	2.20	0.51	0.08	0.03	0.10
16E S 0198	L	6	<	40	6	125	<	<	205	3	<	<	0.9	12	29	1214	<	28	65	353	12	49	1	3	0.02	1.25	0.57	2.30	0.53	0.10	0.02	0.11
16E S 0199	L	6	<	94	9	210	7	<	175	5	<	<	0.8	18	50	1577	<	36	101	531	12	82	1	4	0.01	1.61	0.63	3.70	0.64	0.25	0.02	0.19
16E S 0200	L	8	<	47	9	132	7	<	235	2	<	<	1.5	14	33	1100	<	28	59	624	13	55	1	4	0.02	1.32	0.68	2.45	0.58	0.08	0.03	0.11
16E S 0201	L	<	<	56	8	104	5	<	175	2	<	<	1.0	12	33	671	<	31	58	311	15	41	2	5	0.04	1.21	0.56	2.76	0.62	0.08	0.03	0.11
16E S 0202	L	<	<	63	8	157	5	<	280	2	<	<	2.7	13	39	864	<	28	60	801	12	66	1	4	0.02	1.29	0.72	2.71	0.62	0.07	0.02	0.11
16E S 0203	L	6	0.5	44	11	100	<	<	425	2	<	<	0.9	13	27	828	<	28	66	460	11	98	2	4	0.01	1.28	1.05	2.62	0.53	0.07	0.02	0.10
18E S 0100	L	<	0.3	32	9	232	7	<	145	3	<	<	2.0	7	36	287	<	20	70	227	10	47	<	2	0.02	1.07	0.57	1.64	0.37	0.06	0.02	0.12
18E S 0101	L	<	0.1	39	6	155	6	<	200	4	<	<	1.7	10	30	483	<	22	87	648	11	43	<	2	0.02	0.97	0.43	1.90	0.33	0.05	0.02	0.11
18E S 0102	L	<	0.4	46	10	244	9	<	215	4	<	<	2.4	8	42	335	<	22	85	417	11	58	<	2	0.02	1.07	0.73	1.81	0.38	0.07	0.02	0.13
18E S 0103	L	<	0.4	41	6	220	5	<	205	3	<	<	1.9	7	37	297	<	20	76	361	10	51	<	2	0.02	0.99	0.63	1.68	0.35	0.06	0.02	0.12
18E S 0106	L	<	0.3	44	7	243	<	<	225	3	<	<	2.0	7	37	311	<	20	81	328	10	58	<	2	0.02	0.97	0.63	1.76	0.34	0.07	0.02	0.12
18E S 0107	L	8	0.4	51	8	236	5	<	250	4	<	<	2.5	9	41	259	<	20	76	364	10	69	1	3	0.02	0.97	0.74	1.86	0.36	0.07	0.02	0.11
18E S 0109	L	10	<	24	9	65	<	<	40	3	<	<	0.7	6	20	135	<	20	58	195	9	24	1	2	0.04	0.76	0.12	2.05	0.31	0.05	0.02	0.06
Min Limit		5	0.1	1	2	1	5	5	5	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*		9999	99.9	20000	20000	20000	9999	999	9999	999	999	9999	99.9	9999	9999	9999	999	9999	9999	9999	9999	9999	9999	9999	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method		GeoS	ICP	ICP	ICP	ICP	ICP	ICP	CVA	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

--=No Test Ins=Insufficient Sample Del=Delay May=No Estimate Req=ReCheck mm*1000 %=Estimate % NS=No Sample/=Silt

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Client : Nicholson & Associates
Project: PFC

239 Samples
239=Silt

[109016:55:55:79102897]

Out: Oct 28, 1997
In : Oct 28, 1997

Sample Name		Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppb	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
18E S 0110	L	<	0.4	53	8	295	6	<	270	5	<	<	3.5	9	54	322	<	20	83	444	10	69	1	2	0.02	0.98	0.66	2.06	0.34	0.08	0.02	0.13
18E S 0111	L	<	0.5	55	10	331	7	<	305	7	<	<	4.4	9	57	349	<	20	91	451	9	74	1	3	0.02	0.98	0.71	2.14	0.35	0.08	0.02	0.12
18E S 0112	L	<	0.4	51	7	320	6	<	310	6	<	<	4.3	8	52	321	<	19	84	436	9	70	1	2	0.02	0.92	0.67	2.01	0.34	0.09	0.03	0.13
18E S 0115	L	<	0.4	48	7	287	<	<	75	4	<	<	3.5	8	45	298	<	18	70	379	9	63	<	2	0.02	0.91	0.68	1.87	0.35	0.07	0.02	0.11
18E S 0116	L	<	0.3	66	9	367	<	<	35	5	<	<	3.0	9	57	591	<	20	82	268	9	58	1	3	0.02	0.97	0.53	2.11	0.40	0.06	0.02	0.10
18E S 0117	L	<	<	50	6	275	<	<	20	5	<	<	3.2	8	43	295	<	18	70	354	9	57	1	2	0.02	0.86	0.61	1.96	0.34	0.07	0.02	0.12
18E S 0120	L	<	<	19	7	117	<	<	45	2	<	<	0.8	6	21	252	<	21	57	151	11	33	2	2	0.04	0.71	0.42	1.83	0.39	0.05	0.03	0.12
18E S 0121	L	<	<	23	4	170	<	<	55	3	<	<	1.0	8	27	318	<	20	50	317	9	40	1	2	0.03	0.90	0.59	2.03	0.47	0.04	0.03	0.10
E-7 0218	L	<	<	20	15	103	6	<	35	3	<	<	0.7	6	25	108	<	21	82	331	8	10	<	1	0.02	1.14	0.05	2.68	0.21	0.03	0.02	0.05
3ESS 0180	L	<	8.7	119	6796	105	56	0.2%	65	2	<	<	0.9	18	27	198	<	21	137	690	33	28	<	10	0.01	0.81	0.12	6.02	0.10	0.07	0.02	0.20
5ESS 0411	L	<	<	13	65	54	<	19	70	2	<	<	0.8	5	9	242	<	16	63	368	7	8	<	1	0.04	0.78	0.10	2.23	0.16	0.04	0.02	0.06
5ESS 0412	L	12	<	46	27	53	7	5	10	1	<	<	0.2	6	15	552	<	19	39	252	15	32	<	1	0.01	1.12	0.25	1.90	0.25	0.02	0.02	0.09
5ESS 0416	L	<	2.6	7	20	49	12	<	100	6	<	<	0.2	4	11	255	<	27	147	183	8	14	<	1	0.03	1.61	0.09	3.43	0.27	0.01	0.02	0.17
5ESS 0417	L	10	2.1	67	13	64	10	<	355	5	<	<	2.0	6	21	800	<	21	88	153	10	34	1	3	0.02	1.02	0.15	1.81	0.21	0.05	0.02	0.13
10-B SS 0408	L	<	<	17	11	66	15	<	30	2	<	<	0.5	9	19	187	<	26	48	356	11	13	<	1	0.02	1.67	0.12	2.62	0.46	0.02	0.02	0.08
10-B SS 0409	L	<	<	19	13	81	18	<	70	2	<	<	0.9	13	21	436	<	25	45	1132	10	29	<	1	0.01	1.70	0.42	2.40	0.44	0.04	0.02	0.09
10-B SS 0410	L	<	<	19	9	71	10	<	95	1	<	<	0.3	8	18	561	<	20	36	590	10	34	1	1	0.01	1.43	0.77	1.94	0.35	0.03	0.02	0.09
10-B SS 0411	L	<	<	18	9	80	9	<	90	2	<	<	0.7	7	18	490	<	23	39	371	10	28	<	1	0.01	1.53	0.43	2.15	0.40	0.04	0.02	0.09
11 ESS 0026	L	<	0.3	20	6	90	<	<	100	1	<	<	2.1	4	10	515	<	15	20	210	6	149	2	1	0.01	0.69	2.77	0.80	0.61	0.04	0.02	0.11
11 ESS 0027	L	<	<	35	13	135	7	<	115	2	<	<	1.6	8	20	515	<	21	38	497	15	100	2	2	0.01	1.04	1.69	2.02	0.76	0.11	0.02	0.11
14 ESS 0008	L	<	<	17	8	86	8	<	55	2	<	<	0.6	8	19	371	<	24	36	524	9	20	1	2	0.01	1.68	0.25	2.46	0.49	0.04	0.02	0.11
16 ESS 0117	L	<	<	26	51	62	<	26	45	3	<	<	2.0	3	17	259	<	18	36	131	5	23	<	<	0.01	0.51	0.12	1.23	0.05	0.04	0.03	0.07
16 ESS 0118	L	<	<	27	16	69	<	5	40	4	<	<	1.5	4	16	253	<	15	46	85	6	23	<	<	0.01	0.51	0.11	1.39	0.05	0.06	0.02	0.06
16 ESS 0119	L	<	<	38	9	127	5	<	70	5	<	<	2.4	4	24	549	<	19	34	112	7	21	<	<	0.01	0.55	0.08	1.28	0.05	0.05	0.03	0.05
16 ESS 0120	L	<	<	52	11	122	<	<	30	2	<	<	0.6	14	44	236	<	26	48	567	14	20	1	3	0.04	1.12	0.19	3.19	0.35	0.06	0.02	0.08
16 ESS 0121	L	8	<	48	13	116	<	<	25	2	<	<	0.5	13	42	207	<	26	50	515	16	21	1	3	0.05	1.10	0.20	3.11	0.36	0.07	0.02	0.08
16 ESS 0122	L	14	<	16	8	53	9	<	40	2	<	<	0.2	4	13	138	<	22	62	118	9	17	<	<	0.01	0.92	0.09	1.63	0.28	0.03	0.02	0.05
16 ESS 0123	L	<	<	20	10	61	13	<	60	3	<	<	1.0	5	17	153	<	26	70	112	10	19	<	1	0.01	1.21	0.08	2.01	0.32	0.04	0.02	0.07
16 ESS 0124	L	<	<	17	11	55	12	<	65	3	<	<	0.6	4	15	139	<	24	66	96	10	18	<	<	0.01	1.07	0.08	1.85	0.31	0.04	0.02	0.06
16 ESS 0125	L	<	<	19	7	48	8	<	60	2	<	<	0.7	4	17	141	<	18	39	104	8	16	<	1	0.02	0.86	0.12	1.47	0.33	0.02	0.02	0.05
16 ESS 0131	L	<	0.4	27	16	143	12	<	130	3	<	<	2.0	11	33	392	<	24	78	911	13	62	<	1	0.01	1.36	0.71	1.97	0.41	0.06	0.02	0.11
16 ESS 0144	L	<	<	33	9	65	8	<	45	2	<	<	0.6	10	25	123	<	25	44	268	10	11	<	3	0.03	1.38	0.10	2.68	0.43	0.19	0.02	0.02
18 ESS 0095	L	<	0.4	27	11	130	14	<	105	5	<	<	1.9	5	23	248	<	31	122	244	9	46	<	<	0.01	1.18	0.14	2.00	0.34	0.07	0.02	0.12
18 ESS 0096	L	<	0.5	28	4	162	15	<	85	7	<	<	1.6	10	26	338	<	27	108	817	11	30	<	<	0.01	1.34	0.28	2.03	0.38	0.04	0.02	0.11
18 ESS 0097	L	<	<	27	8	77	<	<	25	3	<	<	0.1	5	18	190	<	16	48	151	10	15	<	1	0.03	0.69	0.05	1.69	0.11	0.07	0.02	0.03
18 ESS 0098	L	16	<	35	22	75	11	<	90	3	<	<	1.1	5	23	295	<	26	75	164	9	39	<	1	0.01	0.94	0.12	2.13	0.29	0.08	0.02	0.06
18 ESS 0099	L	6	1.0	46	8	252	12	<	260	5	<	<	2.7	9	42	447	<	26	106	498	11	68	<	2	0.02	1.22	0.73	2.09	0.38	0.08	0.02	0.14
18 ESS 0104	L	18	0.3	101	13	335	<	<	75	9	<	<	1.0	18	79	453	<	25	62	772	5	41	<	3	0.01	1.28	0.17	4.38	0.30	0.19	0.02	0.12
18 ESS 0113	L	6	0.3	34	6	86	8	<	235	3	<	<	0.5	8	20	359	<	21	66	353	11	35	<	2	0.02	1.04	0.30	1.99	0.38	0.07	0.02	0.09
Min Limit		5	0.1	1	2	1	5	5	5	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*		9999	99.9	20000	20000	20000	9999	999	9999	999	999	9999	99.9	9999	9999	9999	999	9999	9999	9999	9999	9999	9999	9999	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method		GeoS	ICP	ICP	ICP	ICP	ICP	ICP	CVA	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample L=Silt

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Vancouver, B.C.
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Phone (604) 879-7878
Fax (604) 879-7898

Client : Nicholson & Associates
Project: PFC

239 Samples
239=Silt

[109016:55:55:79102897]

Out: Oct 28, 1997
In : Oct 28, 1997

Sample Name		Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppb	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
18 ESS 0114	L	16	<	173	25	369	<	<	95	4	<	<	<	20	66	671	<	29	57	1050	7	41	<	3	0.02	1.32	0.16	5.01	0.21	0.10	0.02	0.10
18 ESS 0118	L	10	1.2	56	9	221	8	<	435	7	<	<	2.3	8	42	451	<	24	152	402	8	83	1	2	0.01	0.81	1.13	1.86	0.37	0.06	0.02	0.12
18 ESS 0119	L	8	0.4	39	3	135	<	<	360	3	<	<	1.3	9	29	532	<	19	79	445	8	59	1	2	0.01	0.80	0.81	1.68	0.35	0.05	0.02	0.11
18 ESS 0122	L	6	0.8	68	10	252	<	<	340	4	<	<	2.6	14	48	1144	<	30	103	467	11	69	1	4	0.02	0.97	0.90	2.63	0.50	0.07	0.02	0.14
18 ESS 0123	L	16	0.8	57	11	308	<	<	325	4	<	<	3.9	10	50	603	<	24	86	467	9	73	1	3	0.02	0.99	0.92	2.18	0.42	0.07	0.02	0.12
Min Limit		5	0.1	1	2	1	5	5	5	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*		9999	99.9	20000	20000	20000	9999	999	9999	999	999	9999	99.9	9999	9999	9999	999	9999	9999	9999	9999	9999	9999	9999	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method		GeoS	ICP	ICP	ICP	ICP	ICP	ICP	CVA	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No SampleL=Silt

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Fax (604) 879-7898

Nicholson & Associates

24 Samples Out: Oct 29, 1997 In: Oct 29, 1997 [109215:13:59:79102997]

Project : Norex
Shipper : George Nicholson
Shipment: PO#:
Analysis:
Au(FA/AAS 30g) Au(g/mt) ICP(AqR)30

Comment:

CODE	AMOUNT	TYPE	PREPARATION DESCRIPTION	PULP 12M/Dis	REJECT 03M/Dis
B211	24	Rock	crush, split & pulverize		

NS=No Sample Rep=Replicate M=Month Dis=Discard

Document Distribution

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DL	3D	EM	BT	BL
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Analytical Summary

##	Code	Method	Units	Description	Element	Limit Low	Limit High
01	0313	FA/AAS	ppb	Au FA/AAS finish 30g	Gold	2	10000
02	0364	FAGrav	g/mt	Au FA/Grav in g/mt	Gold	0.07	1000.00
03	0721	ICP	ppm	Ag ICP	Silver	0.1	100.0
04	0711	ICP	ppm	Cu ICP	Copper	1	20000
05	0714	ICP	ppm	Pb ICP	Lead	2	20000
06	0730	ICP	ppm	Zn ICP	Zinc	1	20000
07	0703	ICP	ppm	As ICP	Arsenic	5	10000
08	0702	ICP	ppm	Sb ICP	Antimony	5	1000
09	0732	ICP	ppm	Hg ICP	Mercury	3	10000
10	0717	ICP	ppm	Mo ICP	Molydenum	1	1000
11	0747	ICP	ppm	Tl ICP (Incomplete Digestion)	Thallium	10	1000
12	0705	ICP	ppm	Bi ICP	Bismuth	2	10000
13	0707	ICP	ppm	Cd ICP	Cadmium	0.1	100.0
14	0710	ICP	ppm	Co ICP	Cobalt	1	10000
15	0718	ICP	ppm	Ni ICP	Nickel	1	10000
16	0704	ICP	ppm	Ba ICP (Incomplete Digestion)	Barium	2	10000
17	0727	ICP	ppm	W ICP (Incomplete Digestion)	Tungsten	5	1000
18	0709	ICP	ppm	Cr ICP (Incomplete Digestion)	Chromium	1	10000
19	0729	ICP	ppm	V ICP	Vanadium	2	10000
20	0716	ICP	ppm	Mn ICP	Manganese	1	10000
21	0713	ICP	ppm	La ICP (Incomplete Digestion)	Lanthanum	2	10000
22	0723	ICP	ppm	Sr ICP (Incomplete Digestion)	Strontium	1	10000
23	0731	ICP	ppm	Zr ICP	Zirconium	1	10000
24	0736	ICP	ppm	Sc ICP	Scandium	1	10000
25	0726	ICP	%	Ti ICP (Incomplete Digestion)	Titanium	0.01	1.00
26	0701	ICP	%	Al ICP (Incomplete Digestion)	Aluminum	0.01	10.00
27	0708	ICP	%	Ca ICP (Incomplete Digestion)	Calcium	0.01	10.00
28	0712	ICP	%	Fe ICP	Iron	0.01	10.00
29	0715	ICP	%	Mg ICP (Incomplete Digestion)	Magnesium	0.01	10.00
30	0720	ICP	%	K ICP (Incomplete Digestion)	Potassium	0.01	10.00
31	0722	ICP	%	Na ICP (Incomplete Digestion)	Sodium	0.01	5.00
32	0719	ICP	%	P ICP	Phosphorus	0.01	5.00

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* Our liability is limited solely to the analytical cost of these analyses.

BC Certified Assayers David Chiu

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Client : Nicholson & Associates
Project: Norex

24 Samples
24=Rock

[109215:13:59:79102997]

Out: Oct 29, 1997
In : Oct 29, 1997

Sample Name	Type	Au ppb	Au g/mt	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm
2N2R 254	Rock	<2	—	<0.1	18	15	93	11	<5	<3	2	<10	<2	0.5	8	28	60	<5	144
2N2R 255	Rock	6	—	<0.1	14	26	93	161	6	<3	3	<10	<2	0.5	16	16	479	<5	79
2N3R 256	Rock	<2	—	<0.1	4	<2	5	<5	<5	<3	3	<10	<2	<0.1	1	10	99	<5	240
2N4R 264	Rock	2	—	0.1	8	10	45	<5	<5	<3	2	<10	<2	0.2	5	14	244	<5	32
2N4R 265	Rock	4	—	0.1	95	6	101	17	7	<3	2	<10	<2	0.8	45	58	488	<5	45
2NR 251	Rock	2	—	0.1	79	6	14	9	<5	<3	1	<10	<2	0.6	25	41	72	<5	27
2NR 253	Rock	7	—	0.1	156	4	14	<5	<5	<3	3	<10	<2	0.5	12	11	75	<5	53
3N2R 0200	Rock	<2	—	<0.1	4	<2	13	<5	<5	<3	3	<10	<2	0.1	3	10	34	<5	169
3N2R 0201	Rock	<2	—	<0.1	6	18	9	<5	<5	<3	1	<10	<2	0.1	3	7	83	<5	102
3N2R 0201 A	Rock	<2	—	<0.1	1	4	23	<5	<5	<3	1	<10	<2	<0.1	5	9	99	<5	118
3N3R 0202	Rock	<2	—	<0.1	53	25	44	<5	<5	<3	3	<10	<2	1.0	16	38	341	<5	130
3N4R 0203	Rock	3	—	0.5	101	21	126	43	<5	<3	9	<10	<2	0.9	16	35	253	<5	108
3N4R 0204	Rock	20	—	1.0	256	38	29	73	<5	<3	7	<10	<2	1.2	22	52	77	<5	31
3N4R 0204 A	Rock	17	—	1.7	365	73	179	61	5	<3	6	<10	<2	0.9	42	58	67	<5	108
3N4R 0205	Rock	15	—	0.6	21	35	30	15	56	<3	1	<10	<2	0.2	4	11	100	<5	45
3N4R 0206	Rock	3	—	0.8	70	3	313	19	<5	<3	9	<10	<2	3.2	16	60	68	<5	68
3N4R 0207	Rock	5	—	0.7	55	23	51	14	<5	<3	9	<10	<2	0.4	4	9	229	<5	75
20N2R 0001	Rock	<2	—	<0.1	31	29	52	26	<5	<3	3	<10	<2	0.1	9	13	211	<5	117
20N2R 0002	Rock	<2	—	<0.1	19	2	21	7	<5	<3	1	<10	<2	<0.1	3	9	64	<5	145
20N3R 0001	Rock	<2	—	<0.1	16	20	75	<5	<5	<3	3	<10	<2	0.5	10	10	118	<5	52
20N3R 0002	Rock	<2	—	0.1	14	35	183	<5	<5	<3	3	<10	<2	1.1	1	6	56	<5	145
20NR 0001	Rock	<2	—	0.3	40	22	240	12	<5	<3	8	<10	<2	1.7	11	57	652	<5	50
20NR 0002	Rock	<2	—	<0.1	1	14	87	<5	<5	<3	4	<10	<2	1.1	2	3	149	<5	9
20NR 0003	Rock	8	—	0.3	44	29	393	55	7	<3	17	<10	<2	4.6	13	126	886	<5	42
Minimum Detection		2	0.07	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1
Maximum Detection		10000	1000.00	100.0	20000	20000	20000	10000	1000	10000	1000	1000	10000	100.0	10000	10000	10000	1000	10000
Method		FA/AAS	FAGrav	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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24=Rock

[109215:13:59:79102997]

Out: Oct 29, 1997
In : Oct 29, 1997

Sample Name	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
2N2R 254	59	819	14	70	9	4	0.03	2.08	2.69	3.42	1.84	0.12	0.04	0.09
2N2R 255	83	1331	34	155	24	8	0.17	2.73	3.84	4.07	1.58	0.35	0.13	0.10
2N3R 256	2	180	2	12	9	1	<0.01	0.13	0.10	0.75	0.02	0.04	0.02	0.01
2N4R 264	11	450	16	571	7	4	<0.01	1.16	18%	1.92	0.73	0.25	0.02	0.10
2N4R 265	193	917	17	188	21	6	0.43	4.27	2.65	7.18	2.55	0.33	0.06	0.22
2NR 251	25	216	16	114	9	2	0.17	1.82	3.26	2.10	0.30	0.11	0.31	0.12
2NR 253	7	109	27	55	10	1	0.08	0.68	0.66	2.55	0.18	0.04	0.19	0.10
3N2R 0200	3	417	<2	8	6	1	<0.01	0.19	0.06	0.93	0.03	0.03	0.03	0.03
3N2R 0201	3	730	6	8	6	1	<0.01	0.30	0.02	1.97	0.02	0.17	0.03	0.01
3N2R 0201 A	3	509	<2	11	6	1	<0.01	0.17	0.18	1.37	0.03	0.03	0.03	0.01
3N3R 0202	35	772	31	373	9	10	<0.01	0.97	4.62	2.79	1.99	0.19	0.03	0.11
3N4R 0203	203	313	17	31	6	9	0.14	1.83	0.69	3.72	1.07	0.75	0.08	0.05
3N4R 0204	32	98	21	379	4	1	0.11	4.98	3.43	2.61	0.14	0.07	0.54	0.17
3N4R 0204 A	155	502	30	79	3	5	0.36	2.37	1.21	5.48	1.10	0.86	0.16	0.22
3N4R 0205	13	76	56	20	2	3	<0.01	0.71	0.05	3.01	0.04	0.31	0.02	0.04
3N4R 0206	29	115	20	18	3	4	0.01	1.98	0.12	3.51	0.65	0.17	0.05	0.04
3N4R 0207	39	145	25	21	2	2	<0.01	1.54	0.28	3.30	0.62	0.47	0.04	0.16
20N2R 0001	6	4766	<2	26	6	1	0.01	0.77	0.14	1.74	0.27	0.08	0.03	0.02
20N2R 0002	5	503	3	8	8	1	<0.01	0.42	0.11	0.96	0.13	0.06	0.04	0.01
20N3R 0001	25	897	42	292	5	10	<0.01	0.72	3.96	3.59	0.42	0.20	0.03	0.11
20N3R 0002	2	1552	8	10	5	1	<0.01	0.07	0.21	1.68	0.02	0.02	0.01	0.03
20NR 0001	14	287	3	189	4	2	<0.01	0.27	17%	3.22	2.74	0.05	0.02	0.09
20NR 0002	4	1737	<2	31	1	<1	0.01	0.21	16%	2.98	9.76	<0.01	0.02	0.01
20NR 0003	36	532	6	70	3	4	<0.01	0.45	13%	3.54	6.07	0.22	0.02	0.08
Minimum Detection	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	1.00	10.00	10.00	10.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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CERTIFICATE OF ANALYSIS
iPL 97L1255

International Kodiac Resources Inc.

3 Samples Out: Dec 30, 1997 In: Dec 30, 1997 [125514:35:04:79123097]

Project : PFC
Shipper : Bill Chornoby
Shipment: PO#:

Analysis:
Hg(CVA)

Comment:
Requested by Bill Chornoby
Return rejects to Nicholson & Asso.

CODE	AMOUNT	TYPE	PREPARATION DESCRIPTION	PULP 12M/Dis	REJECT 00M/Dis
B311	3	Pulp	Pulp received as it is, no sample prep.		

NS=No Sample Rep=Replicate M=Month Dis=Discard

Analytical Summary

##	Code	Method	Units	Description	Element	Limit Low	Limit High
01	0520	CVA	ppb	Hg Cold Vapor/AAS	Mercury	5	10000

Document Distribution

	EN	RT	CC	IN	FX
1 International Kodiac Resources Inc.	1	2	2	2	1
1210 - 675 W. Hastings St.	DL	3D	EM	BT	BL
Vancouver	0	0	0	0	0
B.C. V6B 1N2					
Canada					
Att: Bill Chornoby	Ph:604/682-1845				
	Fx:604/682-1816				

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Client : International Kodiac Resources Inc. **3 Samples**
Project: PFC 3=Pulp [125514:35:04:79123097]

Out: Dec 30, 1997 Page 1 of 1
In : Dec 30, 1997 Section 1 of 1

Sample Name	Type	Hg ppb
(iPL97I0904) 4ER 0259	Pulp	245
(iPL97I0945) 2ER 261	Pulp	985
(iPL97J1040) 21ER 011	Pulp	10

Minimum Detection	5
Maximum Detection	10000
Method	CVA

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

093768

GEOLOGICAL, GEOPHYSICAL, AND GEOCHEMICAL

ASSESSMENT REPORT

ON THE

OKI-DOKI PROJECT CLAIMS

DAWSON AND MAYO MINING DISTRICTS

YUKON TERRITORY

Latitude: 64° 08' North
Longitude: 138° 12' West

N.T.S. Map Sheets
116A/2,3,4,5;
116B/1,2;
115P/13,14,15

Volume 4

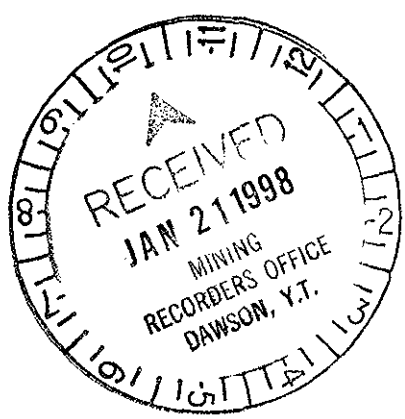
for

INTERNATIONAL KODIAK RESOURCES INC.
1210 – 675 West Hastings Street
Vancouver, B.C.
V6B 1N2

by

Val P. Van Damme, P.Geo
Brian T. Malahoff, P.Geo
Curtis A. Kauss, B.A.

December 30th, 1997



APPENDIX 7

Geophysical Report

INTERPRETATION REPORT

ON AN

AIRBORNE MAGNETOMETER AND GAMMA RAY SPECTROMETRY SURVEY

ON THE

OKI-DOKI PROJECT

N.T.S. 116A, 116B, 115P
Dawson and Mayo Mining Districts
Yukon Territory, Canada
Latitude: 64° 08'N
Longitude: 138° 12'W

FOR

INTERNATIONAL KODIAK RESOURCES INC.

Report by: E. Trent Pezzot, B.Sc., P.Geo.

Report Date: January, 1998

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List of Maps

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G-1a	Oki-Doki Project Total Magnetic Field Intensity – Colour Contour Map Interpretation Map	Map Pocket
G-1b	Oki-Doki Project Ternary Radioelement Map – Colour Contour Map Interpretation Map	Map Pocket
G-1c	Oki-Doki Project Compilation and Interpretation Map	Map Pocket
G-2a	On/Golden/Goshawk Claims , On/Eagle Claims, Bald Claims Total Magnetic Field Intensity – Colour Contour Map Interpretation Map	Map Pocket
G-2b	On/Golden/Goshawk Claims, On/Eagle Claims, Bald Claims Ternary Radioelement Map – Colour Contour Map Interpretation Map	Map Pocket
G-2c	On/Golden/Goshawk Claims, On/Eagle Claims, Bald Claims Compilation and Interpretation Map	Map Pocket
G-3a	Bonus Claims Total Magnetic Field Intensity – Colour Contour Map Interpretation Map	Map Pocket
G-3b	Bonus Claims Ternary Radioelement Map – Colour Contour Map Interpretation Map	Map Pocket
G-3c	Bonus Claims Compilation and Interpretation Map	Map Pocket
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INTRODUCTION

S.J.V. Consultants Ltd. (SJV) was commissioned by International Kodiak Resources Inc. (Kodiak) to interpret some 2500 km of preliminary airborne magnetic and gamma ray spectrometry survey results from their Oki-Doki Project. This data was collected as part of a regional survey flown on behalf of the Geological Survey of Canada.

A large scale, intensive reconnaissance exploration program, initiated in August, 1996, led to the staking of the Oki-Doki Project area, located some 67 kilometres east of Dawson City, Yukon Territory. The airborne survey was part of phase 1 of a recommended exploration program that also included geological mapping and detailed silt, soil and rock geochemistry. This report is written as an addendum to a larger report being compiled by Kodiak. Readers are referred to this larger report for location maps and other details concerning the property.

The airborne survey was undertaken as an extension to a similar survey completed in 1996 to the east of the Oki-Doki claims. Kodiak has staked 4 claim blocks within this area; On/Golden/Goshawk, On/Eagle, Bald and Bonus. These claims were included in their 1997 geochemical sampling program. The 1996 airborne survey data across these claims has also been reviewed at this time.

GEOPHYSICAL SURVEYS

The survey was flown by Sander Geophysics Limited under the direction of the Geological Survey of Canada. Kodiak was recruited as one of the corporate sponsors in order to extend the coverage to include their Oki-Doki Claim. As one of the contributing partner, Kodiak is allowed access to preliminary releases of the geophysical data across their claims.

The survey was flown in an Aerospatial AS350D Astar helicopter at an average terrain clearance of 120 meters and an average speed of 120 km/hour. To the west of the 138°W meridian, flight lines were run north-south at a nominal spacing of 250 metres. To the east of this meridian, flight lines were spaced at 500 metre increments, midway between the 500 metre lines flown in 1996, in order to increase the line density to 250 metres.

Geophysical equipment included a Geometrics G-822A cesium vapour

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magnetometer, towed 30 metres below the aircraft, and an Exploranium GR820 gamma ray spectrometer installed in the aircraft. Total field magnetic intensity readings were recorded at 0.1 second intervals. Radiometric data included total count, Potassium, Thorium and Uranium counts per second and was recorded at 1 second intervals.

A GPSNAV microcomputer based GPS navigation system was used to control and record the flight line positioning.

The 1996 airborne survey was flown with the same instrument specifications but with a nominal line spacing of 500 metres.

DATA PROCESSING

The geophysical data was provided in several formats. Hard copy plots showing color contour images were provided by the contractor, Sander Geophysics Ltd. These included the following parameters: total field magnetics (base level removed), Exposure Rate (Total Count), Potassium (K), Thorium (Th), Uranium (Ur), Ternary, Th/K, Ur/K and Ur/Th. These data were also provided in digital format, however the digital files appear to be from a previous version of the data. Line to line variations and leveling problems are evident in this data that are not visible on the hard copies provided.

The airborne survey data was registered to the NAD27, Zone 8 UTM coordinate system. Data was shifted into Zone 7 in order to be consistent with the topographic, claim and geochemical data provided by Kodiak. A decorrugation filter was applied to the magnetic data to remove some of the line leveling problems observed. Data was gridded to 50m x 50m cells and colour, contour and shadow images were produced. Stacked profile maps of the magnetic data were also created. RTICAD software was used to overlay various data components as required for interpretation.

Additional data supplied by Kodiak included two geological reports, regional geological maps, claim maps, digitized topography (in AutoCad .dwg format) and landsat photography. These items were converted to RTICAD and geopak digital formats as required for analysis. Geochemical data was being processed concurrently with the geophysical interpretation. Areas of anomalous gold values were selected by Kodiak's personnel. These were digitized and overlain with the geophysics.

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Results from the 1996 airborne survey were provided in three bound reports. This data was also purchased in digital form and converted to RTICAD and geopak formats as required. The 1996 data extended to the east of the 138°W meridian. This information has been registered to the NAD27 Zone 8 UTM coordinate system. Digitized topography was not provided over this portion of the project. Elevations were calculated from the geophysical survey information, using radar altimeter terrain clearance and barometric altitude values recorded.

GEOPHYSICAL INTERPRETATION

This project is in the initial exploration phase. It was the intention of the airborne surveys to assist in the regional mapping of the area as well as to identify specific areas of exploration interest. Readers are referred to the parent report for a geological description of this area.

Numerous types of exploration targets are possible within the study area however initial efforts are focused on locating auriferous intrusive sills similar to those currently being developed at Brewery Creek to the south of the Oki-Doki claims. In this area, gold mineralized monzonite sills were emplaced within the hanging wall along an easterly trending and southerly dipping thrust fault. Later movement developed northerly trending downward stepping contacts and fault wedges. Eight mineralized zones have currently been identified along a 12 kilometre length of the thrust fault at Brewery Creek.

The usefulness of the magnetic technique as a mapping tool is well documented. Amplitude and character variations are often indicative of lithology while trends and lineations map geological contacts, strikes and dips. Faults are usually reflected as discontinuities in regional trends. Intrusions are often reflected by isolated, circular anomalies.

A 2-D magnetic model study was conducted to predict the theoretical response from the geological targets being proposed. Geological targets including thrust faults, low angle contacts, bedding, sills and vertical dykes were modeled. The results of this study are presented as Appendix 2 of this report. Characteristic responses were then identified in the field data and interpreted accordingly.

Gamma Ray spectrometry is also useful as a mapping tool. The radiometric signature originates in the top 20 cm of ground, therefore overburden variations exercise considerable influence on the recorded signal. For these reasons, relative

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variations in radioelement patterns are usually more important than absolute values.

A photographic copy of the landsat Thematic Mapper data, showing an R-G-B Ternary display of bands 7, 3 and 1 was reviewed. This display highlights lineations and patterns generated by surface landforms and vegetation. More subtle trends are also evident that cross or connect these surface features and may be reflecting some of the underlying geological structures controlling this geomorphology. Selected linears showing these features were digitized and overlain with the other exploration data.

The following discussions are separated into the 5 claim areas. Magnetic colour contour, Ternary Radioelement and Compilation maps have been generated for these areas at a scale of 1:50000. The Oki-Doki area is registered to NAD27, Zone 7 and includes the claims west of the 137°50'W meridian, that were surveyed in 1997 and for which only preliminary results are available. Plates G-1a, G-1b and G-1c refer to this claim block. The other four claims were surveyed in 1996 and are registered to NAD27, Zone 8. Plates G-2a, G-2b and G-2c refer to the On/Golden/Goshawk, On/Eagle and Bald claim blocks. Plates G-3a, G-3b and G-3c refer to the Bonus claim block. *(Note: Reports containing black and white contour copies of these maps have been requested. The Ternary Radioelement maps are not included in these packages.)*

Oki Doki Claims Area

The magnetic data clearly outlines several intrusive bodies and a number of faults, contacts and structural trends. The radiometric data outlines several lithological units and possible alteration zones. Although this is preliminary data, most of the trends and anomalies evident will likely be preserved through the data reduction procedure. It is expected that these features will be better defined in the final data.

As stated above, the digital files provided contain preliminary geophysical data only. Plan maps generated from these files appear noisy. Consequently, a limited number of maps have been made at this time. These are included as plates and stored in map pockets at the back of this report. These maps should be updated as final data becomes available.

Magnetic Data

Observations, comments and interpretations based on this preliminary data are

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listed below in point form and illustrated on Plate G-1a.

- Overall, the data is relatively quiet, with most of it falling within a 30 nT range. This low range of magnetic intensity is consistent with a sedimentary environment.
- Four large magnetic highs are mapped, three of which are interpreted as intrusions.
    1. The large anomaly straddling the north central portion of the map is mapping the southern flank of the Antimony Mountain intrusion.
    2. We see only a portion the anomaly in north east corner of the map but it appears to be part of a large, circular intrusion, similar to others mapped in the area. This data appears to detect several, high magnetic susceptibility cores within the body. Low magnetic values in extreme NE corner of map likely locate the centre of the intrusion. It is possible that this intrusion is cut by both an ENE thrust fault and a NE fault. Radiometric results support a NE fault interpretation.
    3. The small magnetic high in SE corner of the map is also interpreted as an intrusion. The 1996 survey shows it to be a small satellite to a much larger body, immediately to the SE.
    4. The anomaly in the SW corner of the map is only partially defined. Radiometric data across this area does not support an intrusive interpretation. It may be related to a more magnetic layer within the sedimentary stack.
- An ENE trending belt (~ 6 km wide) of higher magnetic intensities crosses the property. This zone is characterized by a relatively steep gradient along its' northern flank. Localized highs occur within this band, generally coinciding with topographic highs. This response likely reflects a relatively flat-lying or gently southerly dipping sedimentary unit. Lineations within this band generally parallel the regional trends and may reflect conformable sedimentary contacts.
- This belt separates two magnetic low areas. A large basin of magnetic lows is mapped to the northwest. To the southeast, the magnetic intensities decrease along a regional gradient. Narrow, weak magnetic highs follow northeasterly trending topographic ridges across the NW basin.

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Background trends in the SE basin are broader and strike near NNW but are also mirrored in the topography. These lineations may be reflecting some preferred geological strike, possibly a fold axis in the underlying sedimentary rocks.

- A sharp contact along the northern edge of this belt is the southern of two subparallel N70°E linears that cross the property. These long trends are mapped in segments. They can be interpreted as low angle contacts or thrust faults as shown in the model study. Profile A-3 (Appendix 2, Page vi) shows one possible interpretation across this feature.
- Several breaks in the background trends suggest the presence of northerly trending faults. One of the most dramatic follows a tributary of Lee Creek and shows Lee Creek to lie along a much larger structure. Others tend to reflect shorter strike length faults. Complex patterns are created where these faults cross regional trends, giving rise to several areas of interest.
- Several localized magnetic features are imprinted on the regional trends.
    - There are a number of small, circular magnetic highs, often accompanied by flanking lows. These outline pipe or plug-like bodies of higher susceptibility and are likely intrusive in nature. One of the strongest of these lies immediately west of the fault following Lee Creek. There appears to be clusters of these anomalies along the western edge of the map and along the interpreted thrust faults but they are observed in several other areas as well. Three anomalies located within the low NW basin form isolated targets.
    - Small, narrow lenses are present and are most common along the edge of the interpreted thrust faults. In these areas they may be reflecting sill like bodies. Two isolated occurrences are located near 64°10'N 138°08'W. The stronger of these is modeled as Profile B (Appendix 2 – page vii). This study shows the source as a near vertical, dyke like body, some 300 metres deep. This target has an interesting radiometric anomaly along its' northern flank.

Radiometric Data

The TC display shows three major hot spots across the northern border of the

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map. Broad lows along the western edge of the map follow Klondike and Antimony Creeks. A southerly snaking band of low values follows the valley hosting Brewery Creek, along the eastern portion of the map. A discrete high linear within this later feature closely maps Brewery Creek itself. A general mottled appearance covers most of the map however there is a close correlation between increased counts and the drainage patterns.

The ternary display (Plate G-1b) provides a means of differentiating between some of these patterns. There are distinct differences between the three hot spots located along the northern border of the map.

1. The western anomaly area shows high Th and low Ur counts. This response correlates with a large magnetic low and appears to be lithologic in nature.
2. The central hot spot is more diffuse and no strong patterns emerge. There appears to be a slight increase in the relative amount of K at the northern edge of the map. This anomaly coincides with a magnetic high and both are believed to be related to the Antimony Mountain intrusive, immediately north of the survey area.
3. The eastern high also coincides with a magnetic high and is interpreted as reflecting an intrusive event. In this area, there is a distinct zonation apparent in the radiometric data. An elongated zone of relatively high Th follows a SSE trending magnetic low that cuts the core of the intrusion. Elevated potassium levels and low Ur are seen along the northwestern edge of the intrusion. These anomalies areas likely map various phases of alteration around the intrusion.

The ternary map also shows variations within the central portion of the map.

- Elevated Ur bands highlight an east-west pattern along the southern edge of the map. Ur is highly mobile and these patterns generally follow the topography. It is unlikely that these trends are related to the bedrock geology.
- A wedge shaped zone of elevated Th falls across the central portion of the map. The northern edge seems to form a sharp, ENE striking linear. This feature generally parallels the local magnetic trend and may map a near surface contact.
- A strong K anomaly is seen immediately north of a magnetically inferred intrusion along the Lee Creek fault. This anomaly is also prominent as a

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strong low in the Th/K ratio map. This ratio implies this potassic enrichment is due to alteration rather than normal lithological variations.

- A strong, narrow high coincides with the northern flank of the local magnetic anomaly modeled as Profile B.

Geochemical Data

Geochemical samples were being analyzed concurrently with the geophysical interpretation. A map outlining 28 anomalous gold value areas was provided by Kodiak and digitized for comparison to the geophysical data. This information is included on the interpretation and compilation map, Plate G-1c. Geochemical analysis for other elements was still pending at the time of this report.

Landsat Data

Selected trends evident in the landsat data are outlined on Plate G-1c. Many of the magnetically interpreted structures are supported by landsat linears, including both of the ENE thrust faults, the NE trending fault following the tributary of Lee Creek and the dykes interpreted on Profile B. A subtle ESE linear is mapped that reflects the thrust fault hosting the Au deposits at Brewery Creek south of the claim block.

There are also several trends evident in the landsat data that are not seen in the other geophysical techniques.

- Three linears (trending E-W, N40°W and N15°E) intersect near the central portion of C block. These structures coincide with Au anomaly 12. Au anomalies 13 and 26 also occur along two of these linears.
- A circular anomaly, approximately 3.5 km across, is located along the southern border of A block. This response could be reflecting a gossan. It is interesting to note that this is one of the few areas within the claim block that is essentially void of any other anomalous geophysical responses.
- Two clusters of multiple, short strike length lineations are mapped. One is located along the eastern edge of A block and hosts N10°E trends. The other is located along the northern edge of E block and hosts E-W trends. These features may simply be reflecting the predominant drainage patterns

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but are anomalous none the less.

On/Golden/Goshawk Claims Area

This claim block is located immediately SE of the Oki-Doki area. It forms an irregular shaped block approximately 16 km east-west by 4 km north-south, wedged between Aussie Creek and the Klondike River. With the exception of the river valleys that are covered by alluvium, the entire claim is mapped as Earn Group sediments. A couple of small outcrops of intrusive material are mapped at higher elevations near the centre of the claim.

Magnetic Data

- Background readings are quiet, covering approximately a 20 nT range.
- General trends reflect a N70°W striking geology.
- A strong, circular magnetic high, some 6 km across is located immediately north of the claim. This anomaly reflects a cretaceous intrusion. The edge of this anomaly brushes across the northern most edge of the claim.
- A weaker, semi-circular magnetic high, ~ 2.5 km across coincides with a topographic high near the centre of the claim. This anomaly is interpreted as reflecting a buried intrusion. Small outcrops of intrusive material mapped in the area support this interpretation. This unit may be cut by a NE trending fault.
- A distinct high magnetic linear separates this smaller anomaly from the stronger one to the north. A couple of sections along this 6 km length feature exhibit anomalously high magnetic intensities. This anomaly can be interpreted as a dyke or sill.
- Several disruptions of the subtle N70°W magnetic trends are observed. Most of these coincide with drainages and are probably related to terrain clearance effects. Those that are unexplained by topography are more likely related to NE trending faults and have been highlighted on the appropriate maps.
- The calculated vertical gradient of the magnetic intensity enhances the general N70°W striking contacts and trends. Possible contacts are drawn on Plate G-2c.

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Radiometric Data

- High TC linears follow the northern banks of the Klondike River. This trend also extends across the claims to the east. These trends are likely related to overburden effects.
- Hills consistently reveal higher TC radiometric counts. In the eastern portion of the claim block, the highest values form a ring around the crest of the hill.
- A strong uranium anomaly is mapped at the western end of the claim, along the westerly facing slope of a hill separating Brewery and Aussie Creeks.
- Six areas exhibiting anomalously high potassium and depleted thorium levels may be indicative of alteration zones. The three strongest anomalies are clustered along the southern half of the small, buried intrusion magnetically mapped near the north central portion of claim. No Au anomalies are noted in the creeks draining to the south. Another strong anomaly is a circular feature located along eastern bank of Aussie Creek, at the western end of the claim. Two weaker Th/K lows are mapped in the northwest corner of the claim.

Geochemical Data

Forty-six sample locations are shown within and surrounding this claim block, of which 5 have been deemed anomalous for Au.

- One is located at the extreme east end of the claim. It is located near the nose of the large, wedge shaped magnetic high. A weak K and Th anomaly is mapped upstream from this anomaly.
- Two are located in streams to the east of the buried intrusion and low Th/K anomalies located near the centre of the claim.
- The remaining two are located immediately north of the claim.

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Landsat Data

The N70°W interpreted fault (or dyke) separating the two intrusions is sandwiched between two landsat linears, approximately 1 km apart. The landsat data suggests this feature may extend a further 4 km to the SE of the magnetically defined structure.

The western edge of the small intrusion interpreted near the centre of the claim appears to be placed along a poorly defined N30°E trending landsat linear.

The eastern half of the claim hosts three poorly defined linears trending north-south.

On/Eagle Claims Area

This area is located SE of the On/Golden/Goshawk area. It forms an irregular shaped block approximately 12 km east-west by 5 km north-south. It is bordered to the north by the Klondike River and to the south by the Little South Klondike River. Geological mapping shows claims as underlain by Earn Group. Alluvium fills the valleys hosting the rivers and creeks along the edges of the claim boundary.

Magnetic Data

- This claim block is located over a large, wedge shaped magnetic high that narrows to the west and widens to the east. This is a regional response that can be interpreted as a synformal or antiformal structure, the axis of which strikes ~ N70°W.
- A narrow, ~1.25 km wide, band of higher magnetic values is mapped along a portion of the central axis of the larger trend. There is weak evidence suggesting a second narrow magnetic high linear parallels the central core linear, some 1400 metres to the north. These anomalies are attributed to beds within in the sedimentary sequence.
- Discontinuities along these linears suggest they may be cut by at least two NE trending faults near the centre of the claims.
- The calculated vertical derivative shows more detail along this trend. Several high gradient linears mapped in this display and drawn on Plate G-3c could

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reflect geological contacts.

Radiometric Data

There are three general areas of increased Total Counts in the map area. One spans various elevations and likely reflects the underlying geology. The other two follow the rivers bordering the claims and are likely related to overburden variations.

- The first area has the highest counts measured along the southerly facing slope of the northern bank of Ross Creek but elevated readings are also recorded higher up the slope. Spot highs at the crest of the hill form a ring shaped anomaly, approximately 3 kilometres across.
- The second area is defined by a series of anomalies that align to form a narrow lineation that follows the northern bank of the Little Klondike River, which roughly parallels the SW edge of the claim block. This trend is mapped for some 8 km length and is broken in several places, possibly by NE trending faults. This trend coincides with southern edge of magnetic high.
- The third area is to the north of the claim block and follows the Klondike River. This trend is different from the second in that it contains a relatively lower proportion of Ur isotopes. Like the second, this response is roughly parallel to the edge (northern) of the regional magnetic high.
- A Th/K low anomaly is identified along the second trend. The anomaly is approximately 1 km across and located near 372800E/7099700N.

Geochemical Data

Sixteen samples were taken from streams within and around the edge of this claim. None returned anomalous Au concentrations.

Landsat Data

The NNW structural orientation interpreted from the magnetics is supported by two landsat linears along the northern portion of the claim. The two N45°E trending cross faults are also mirrored in the landsat image although this data suggests they strike closer to N25°E.

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Bald Claims Area

The NW corner of the Bald claims contacts the SE corner of the On/Eagle claims. It forms a roughly rectangular block some 6 km east-west by 2 km north-south. The SW corner of the claims overlies the NW section of a large intrusion. The bulk of the claims are mapped as Earn Group sedimentary rocks however no detailed geology mapping available.

Magnetic Data

- The large intrusion in the SW corner of the claims is clearly outlined by a semi-circular magnetic high. There appears to be a ring of high magnetic intensities, approximately 2 km wide to the north of the intrusion and outside of the claim block. From a larger perspective, this ring appears to be part of a regional lithological unit that has been deformed by the intrusion. The effect is enhanced by a pronounced magnetic low that marks the northern edge of the intrusion.
- A N80°W striking magnetic high linear extends outward from the intrusion across this claim and continues on to the On/Eagle claims to the northwest. This response likely maps a sedimentary unit or bed. The calculated vertical derivative of the magnetic data highlights a couple of conformable lineations within the unit.

Radiometric Data

- There is a distinct increase in the total count values over the intrusion in the SW corner of this claim.
- A spotty and weak K anomaly is mapped near the centre of the claims. Two weak Th/K low anomalies are mapped along the perimeter of the large K anomaly. These anomalies are near a magnetically defined contact.
- No clear trends or lineations are observed elsewhere on the claims.

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Geochemical Data

No samples were taken from this claim. A couple of samples were taken to the south and north of the claim but none showed anomalous Au concentrations.

Landsat Data

Two weakly defined linears coincide with the NNW trending calculated vertical derivative trends. The edge of the large intrusion covering the SW corner of the claim is also apparent in the landsat data.

Bonus Claims Area

This area contains two closely spaced claim blocks, both elongated NW-SE. The larger block is roughly 23 km by 7 km in size while the smaller is approximately 6 km by 1.5 km.

Mapping to the north of latitude 64°N shows this portion of the claims as being underlain by Road River sediments. The geology map to the south of latitude 64°N is more detailed. It shows the southeast portion of claims is underlain by the northeast flank of a syncline. Earn Group sediments are mapped in the central core of the syncline and Road River sediments along the flanks. Bedding strikes NW and dips SW in this area. Large Cretaceous intrusions are mapped to the west and east of claims. A smaller intrusion (Hobo Stock) is mapped in the extreme SE corner of claims, south of Hobo Creek.

Magnetic Data

- The claim is underlain by a broad (~7 km) wide NW trending band of relatively high magnetic intensity. At the northwest end of the claim, this band gradually arcs to the west as the sedimentary beds warp around a large Cretaceous intrusion to west of claims.
- Profile analysis shows this wide band has a steeper flank to the NE than SW but very smooth variation over its width. It is interpreted as a broad geological unit, dipping ~20° SW, as illustrated by magnetic Profile G in Appendix 2.
- The band contains a central high core (~ 700 metres wide at Profile G). Modeling suggests the central zone is likely a slightly more magnetic, near surface unit at

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the updip edge of the main body. The calculated vertical gradient highlights several possible contacts within this large unit.

- The character of the magnetic high changes in several spots along it's mapped length. These discontinuities are interpreted as NE striking faults. One of these discontinuities (at the NW corner of claim) coincides with Ross Creek and is likely influenced by the topography. Another prominent break is mapped near Hobo Creek.
- The Hobo Stock is seen as a strong magnetic high. It appears to be comprised of at least four discrete centres of higher susceptibility material distributed in a broken, ring-like structure.
- A similar body is seen in the magnetic data 3 km to the north of the Hobo Stock. This body straddles Hobo Creek and is likely covered by alluvium. It may also may be comprised of several magnetic cores and is likely buried at a significant depth.
- A NE striking fault appears to separate these two intrusive bodies. It's conceivable that there was originally one intrusion, which was subsequently cut by the fault. If this is the case, then the observed offsets imply right lateral displacement, with the northern block being downthrown with respect to the southern block.

Radiometric Data

- A weak correlation observed between higher elevations and higher radiometric counts is attributed to overburden.
- The regional magnetic high trends are paralleled by low total count values. The edges of this low are fairly distinct, although they are disrupted in many places. These disruptions are most likely a result of topo/overburden conditions.
- The Hobo Stock is outlined by a high radiometric signature but the adjacent stock to north is not evident. This is consistent with the apparent depth of the northern stock.
- A series of discontinuous Th/K low ratios follow the general NW trending

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magnetic high. Most of these fall within the noise levels of the system and are discounted however several warrant specific mention. Six anomalies are noted where the increased K and depleted Th may indicate areas of hydrothermal alteration. They are identified on Plate G-5c as anomalies Tk1-Tk6.

- Tk1 is located over the Hobo stock.
- Tk2 & Tk3 are observed on opposite sides of hill and follow a weak magnetic linear. These anomalies could be following a narrow sill or dyke.
- Tk4 & Tk5 are located near the centre of the claim block, along the main NW trending magnetic high.
- Tk6 is located in the NW corner of the claim. This response seems to lie along the edge of a large Th/K low area and may be related to a specific lithology rather than an alteration zone.

Geochemical Data

Some 66 samples were gathered on and around the Bonus Claim block. None appear to have returned anomalous Au values.

Landsat Data

The available landsat data covers the western 2/3 of this claim block only. Several weak and discontinuous linears have been mapped. They generally conform with the magnetically defined trends and may be reflecting the surface projections of contacts within the large sedimentary unit.

One large cross structure is also evident. It strikes approximately N75^{o}E and roughly coincides with a magnetically inferred cross fault.

RECOMMENDATIONS

The geophysical surveys were designed as regional mapping tools. Localized anomalies and geophysical targets selected will require verification by ground surveys. Individual targets and linears evident in the airborne data will likely be considerably more complex in more detailed ground surveys.

These targets should be reviewed as the geochemical survey results are

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compiled. Many of the structures noted could host mineralization other than gold.

Specific recommendations are discussed for each claim group.

Oki-Doki Project Area

I have selected eight areas of interest across the Oki-Doki project area as shown on the interpretation and compilation map Plate G-1c. These were chosen on the basis of interesting structures or anomalous lithologies interpreted from the preliminary geophysical data. Priorities should be assigned after the geochemical and geological analysis has been completed. It is expected that the geophysics will have to be evaluated in more detail in areas of geochemical or geologically inferred targets. In any event, the interpretation should be reviewed once final data is available and again as the ongoing exploration program matures.

1. Confirm thrust fault/low angle contact interpretation and establish whether they can be related to any favorable horizon. If so, prioritize areas along these trends on the basis of other factors (geochemistry, radiometrics, intersecting faults, local intrusions, etc.) that fit the Brewery Creek model. Particular attention should be afforded to the three areas where the ENE trending thrusts appear to be cut by N to NE trending faults. Au anomalies 28 (A Block), 7 (Good News) and 10 (D Block) coincide with fault intersections and should be considered as high priority targets.

2. This area is centred over a magnetically indicated intrusive and NE trending fault near the centre of A Block. A strong potassium enrichment and thorium depletion area along the northern flank of the magnetic anomaly likely maps an alteration zone. This anomaly coincides with Au anomaly 11 and should be considered as a high priority target.

3. This area in the southwest corner of A Block includes numerous small, magnetic anomalies indicative of small intrusions or pipes. Lineations imply some degree of intersecting fault patterns. This appears to be a structurally complex area.

4. This area in the northern portion of B Block includes two narrow, short strike length magnetic anomalies that are likely related to buried dykes. Increased potassium and thorium levels and Au anomaly 20, immediately north of these anomalies upgrades this target.

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5. Anomalous radiometric patterns across the large intrusive body in the NE corner of E Block imply alteration. This large area coincides with Au anomaly 1 and should be considered an exploration target. Two localized features within this zone should be afforded special attention. The central core of the intrusion appears to be cut by or formed around a NE trending structure (fault). This zone also coincides with the central core of Au anomaly 1. One of the smaller magnetic centres, along the western edge of the feature, is directly associated with a Th/K low, indicative of alteration and should also be afforded special attention.
6. The small, circular intrusion, some 2.5 km across, mapped in the southern portion of the E Block claim coincides with Au anomaly 3 and should be considered a high priority exploration target.
7. Au anomaly 12 is located at the intersection of three Landsat defined linears. These trends could be reflecting underlying faults and may be defining a structurally complex area of interest.
8. The 3.5 km wide, circular Landsat anomaly along the southern border of the A block is also recommended for further examination. This anomaly should be targeted as a potential gossan zone.

On/Golden/Goshawk Claims Area

Three areas of particular interest are noted on this claim block as flagged on Plate G-2c. All warrant geological mapping and prospecting. Detailed soil sampling should also be considered.

1. The most interesting target is the buried intrusion near the centre of the claim. There is a strong possibility of potassic alteration along its' southern flank and evidence of deformation from a NW trending fault. Anomalous Au samples were noted to the east of this target.
2. The N70°W trending dyke or sill separating the small intrusion on this claim from the larger feature to the north should also be considered a target. This magnetic trend could also be related to a fault or thrust fault? Two anomalous Au samples were noted in streams immediately north of this feature.
3. The three small areas exhibiting low Th/K ratios in the western portion of the

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claim are assigned a lower priority.

On/Eagle Claims Area

There are several geophysical trends, which require confirmation by geological mapping and prospecting. The possibility of a regional antiform or synform trending N70°W should be investigated. The lack of any Au anomalies across this grid is discouraging and none of these targets are assigned a high priority.

4. The two NE trending faults may provide structural targets, depending on the host rocks.

5. Of these the eastern fault is considered the most promising because it cuts through an area hosting high radiometric counts. The K isotope forms a ring shaped anomaly immediately west of this fault. A slight depletion in the Th isotope suggests this response may be due to some form of alteration.

6. A Th/K low is mapped along the northern bank of the Little Klondike River. This anomaly falls along the regional magnetic gradient that likely reflects a geological contact. This anomalous ratio could be indicating some form of alteration effect.

Bald Claims Area

No strong geophysical anomalies are mapped within this claim. Two small low Th/K ratio anomalies are noted in the western portion of the claims but both are considered low priority targets. There are no significant radiometric anomalies detected over or adjacent to the large intrusion touching the SW corner of the claim block.

Bonus Claims Area

This large block appears to be underlain by NW trending and SW dipping sedimentary beds. Geological mapping along the magnetically delineated contacts is required to determine which of these units provides the most favorable host environment. Specific attention should be afforded the following geophysical targets.

1. The radiometric signature around the Hobo stock suggests the presence of

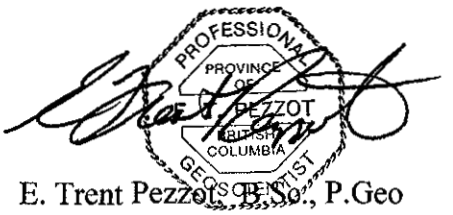
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alteration zones around this intrusion.

2. The newly mapped northerly extension to the Hobo stock should also be considered as an exploration target.
3. Anomalies Tk2 and Tk3 could be reflecting alteration zones along an intrusive sill. This suggests a potential Brewery Creek type of deposit.
4. The NE striking faults could produce structurally complex areas or provide permeable conduits for hydrothermal solutions. Geological prospecting should be concentrated along these linears.

Respectfully submitted,

Per S.J.V. Consultants Ltd.



E. Trent Pezzot, B.Sc., P.Geo
Geophysics, Geology

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APPENDIX 1

STATEMENT OF QUALIFICATIONS - E. Trent Pezzot

I, E. Trent Pezzot, of the city of Surrey, Province of British Columbia, hereby certify that:

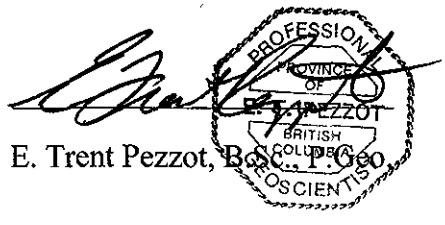
- I graduated from the University of British Columbia in 1974 with a B.Sc. degree in the combined Honours Geology and Geophysics program.

- I have practised my profession continuously from that date.

- I am a registered member of the Association of Professional Engineers and Geoscientists of British Columbia.

- I have no interest in International Kodiak Resources Inc., or any of their subsidiaries or related companies, nor do I expect to receive any.

January, 1998

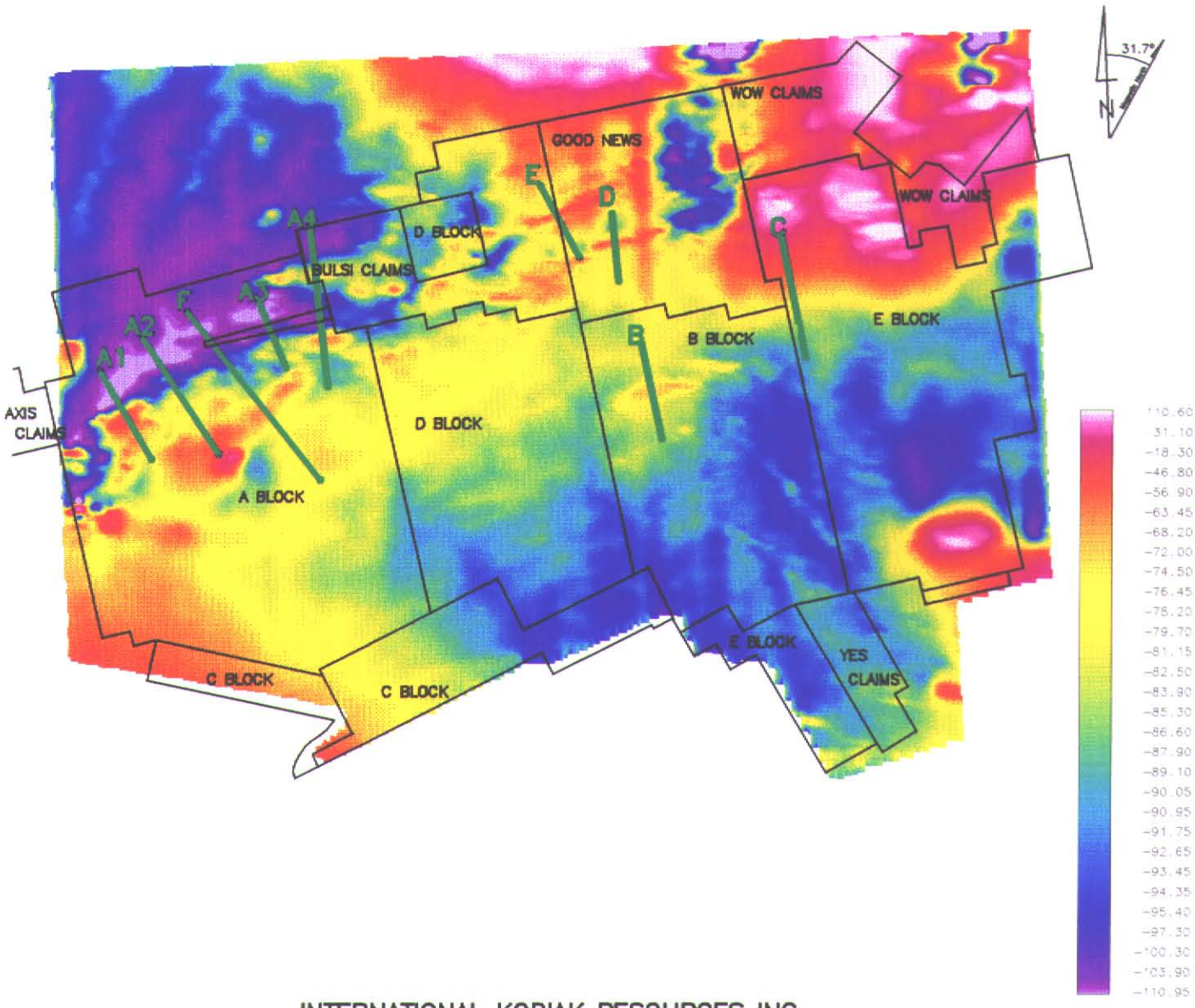


E. Trent Pezzot, B.Sc., P.Geo.

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APPENDIX 2

Magnetic Model Study



INTERNATIONAL KODIAK RESOURCES INC.

TOTAL MAGNETIC FIELD INTENSITY (nT)

2000 0 2000 4000 6000

SCALE IN METRES

PLOTTING BY: S.J.V. CONSULTANTS LTD.

Magnetic Model Study

The usefulness of the magnetic technique as a general mapping tool is well documented. It can also be of considerable use when searching for specific targets. One of the primary exploration targets across the Oki-Doki project is a gold deposit similar to the ones being mined at Brewery Creek, some 2 km to the south. In this area, thrust faults appear to have controlled the emplacement of quartz monzonite sills that host most of the gold mineralization. The mineralization appears to be located in the hanging wall of an easterly trending and southerly dipping thrust fault. Later movements along these faults have developed downward stepping contacts and extensional fault wedges. Shear zones with NNE trending vertical cleavage cut the sills and have been invaded by quartz monzonite dykes.

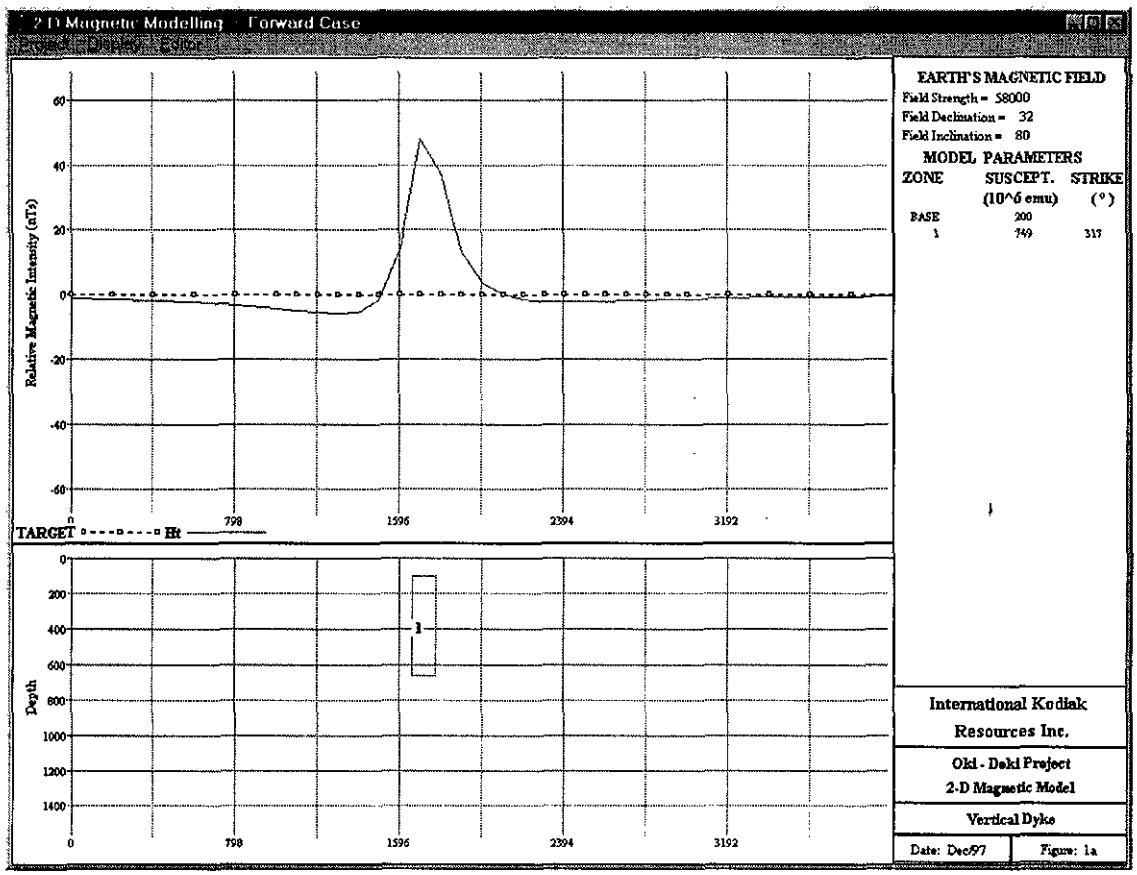
Given sufficient magnetic susceptibility contrasts, a thrust fault, or any other low angle contact should form a linear magnetic trend. Vertical dykes and intrusive plugs should also produce mappable responses. Given the relatively quiet magnetic backgrounds predicted in the primarily sedimentary environment, narrow, finite length sills, lying at shallow angles should also be detectable.

All of the above targets have been modeled using MagMod, proprietary 2-D magnetic modeling software. Based on the observed field data, ENE striking targets were used. The theoretical profiles displayed are viewed as if looking towards N80°E, along strike to the ENE. The earth's magnetic field is estimated to be inclined at 80^0 downwards towards N31.7°E.

In addition to these theoretical targets, a number of magnetic profiles were generated from the field data. The magnetic data, terrain clearance and calculated elevation data is gridded, filtered and presented in plan contour form. A line segment is drawn at the location and orientation desired through normal AutoCAD drawing functions. The RTICAD software then calculates magnetic, terrain clearance and elevation values at regular intervals along this line from the gridded data sets. This data is imported into the GeoSci MagMod program and used as target profiles. Models are then constructed that provide a reasonable "fit" between the field and theoretical profiles.

Nine of these profiles were generated along the lines shown on Figure M-1. These were selected as being representative of some of the linear targets picked. Two of these profiles, A-3 and B, are included as "targets" in this model study.

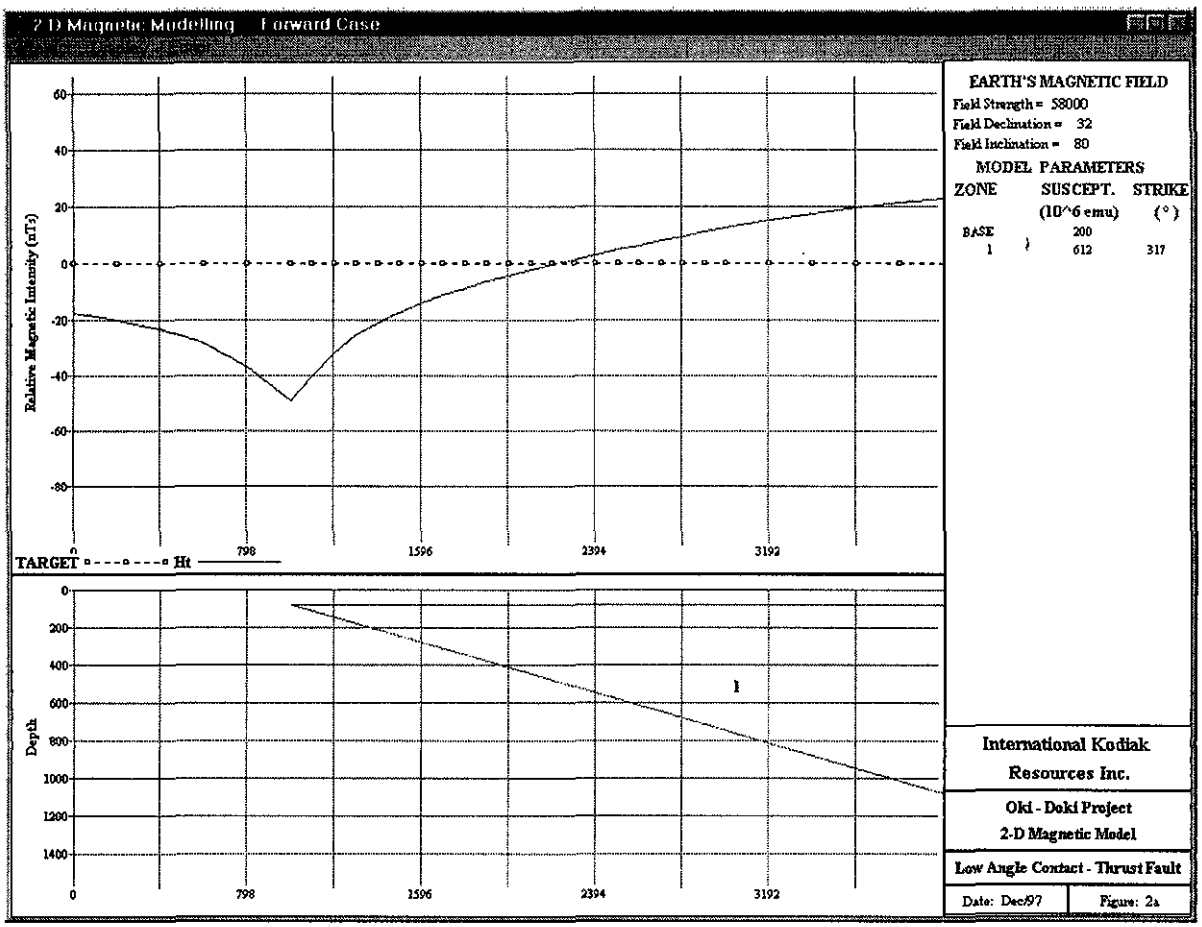
Vertical Dyke



This target should form a narrow, positive, high amplitude response centred directly over the target. The high inclination angle will produce a very weak, negative lobe along the northern flank of the anomaly. If the dyke is dipping, negative lobes will form off the up dip edge. The width of the response is related to the depth to the top of the source body. In this case, depth is approximately equal to the anomaly half-width.

This response can be differentiated from that when the dyke does not extend to depth by the extent of the negative lobes flanking the anomaly. As the depth extent lessens, the anomaly will gradually change from a monopole to a dipole and the amplitude of the negative flanking lobes will increase.

Low Angle Contact or Thrust Fault

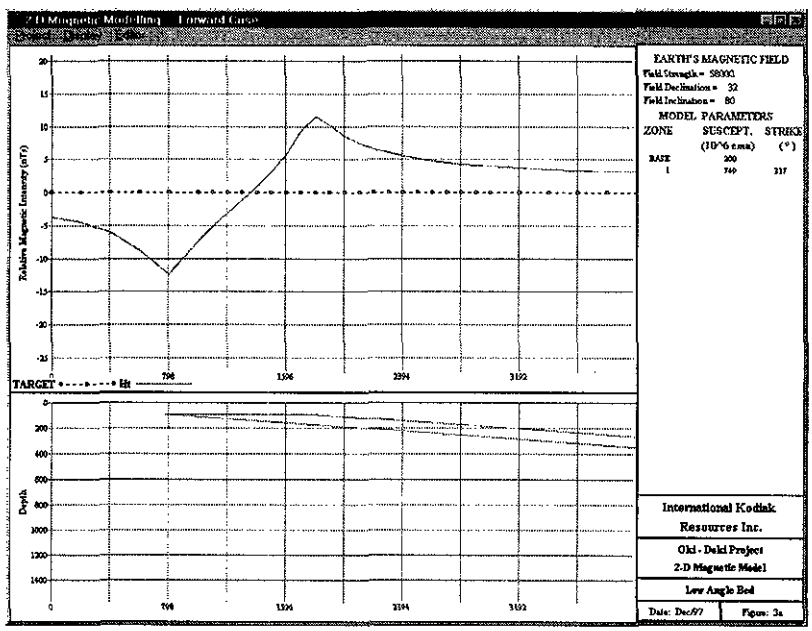


This plate illustrates the theoretical response across an ENE trending low angle contact or thrust fault. This display shows the response when the hanging wall has a higher susceptibility than the footwall. The polarity of the profile is reversed if the relative susceptibilities are also reversed. In either event, the abrupt change in direction of the profile occurs at the up dip edge of the overlying unit.

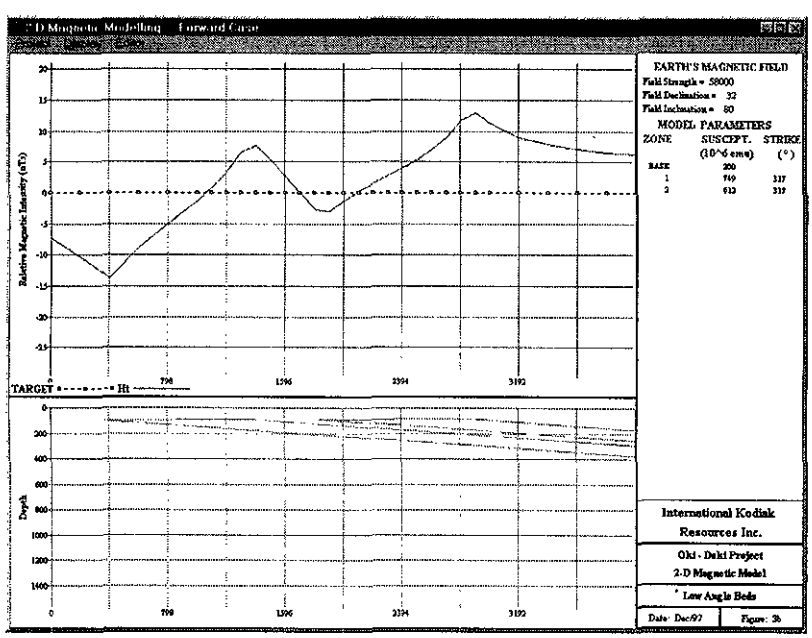
The shape of the inflection at this up dip edge can vary significantly. However, changes are often gradual along strike and the contact can often be traced over considerable distances.

Low Angle Bedding

When the hanging wall along the thrust fault modeled above is comprised of a thin layer of different susceptibility material, as opposed to a uniform bed, the surface projection of the top of this bed is reflected in the profile. In this example, the surface projection of the top of the higher susceptibility bed is mapped by a positive peak.

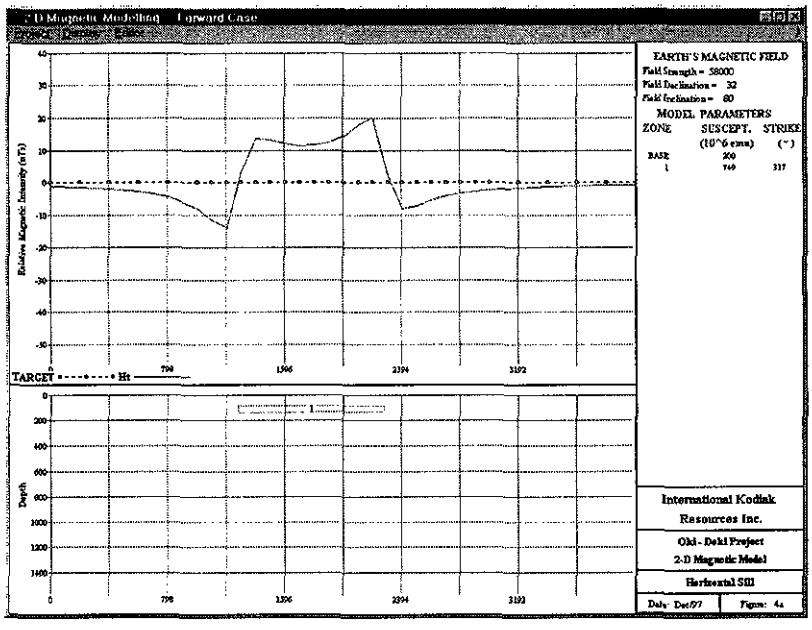


When multiple beds are encountered, the individual responses are added together. Patterns usually become complex in these areas and contacts less distinct. In the following model there is a natural increase in the magnetic background to the SSE as you stack higher susceptibility layers on top of each other.

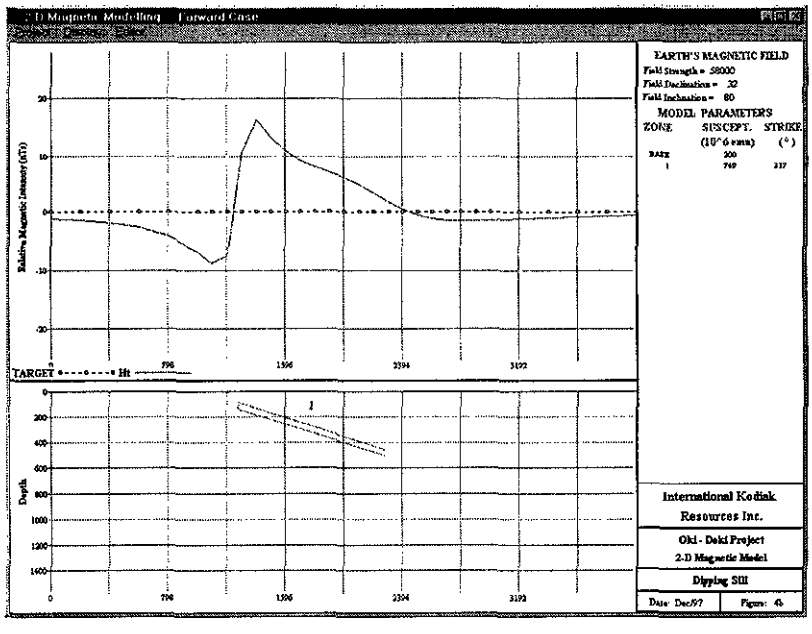


Sills

The Brewery Creek deposits are comprised of gold bearing monzonite sills. The majority of these sills are conformable with the low angle sedimentary host rocks but some are noted at various angles. This type of structure should be detectable if near the surface.



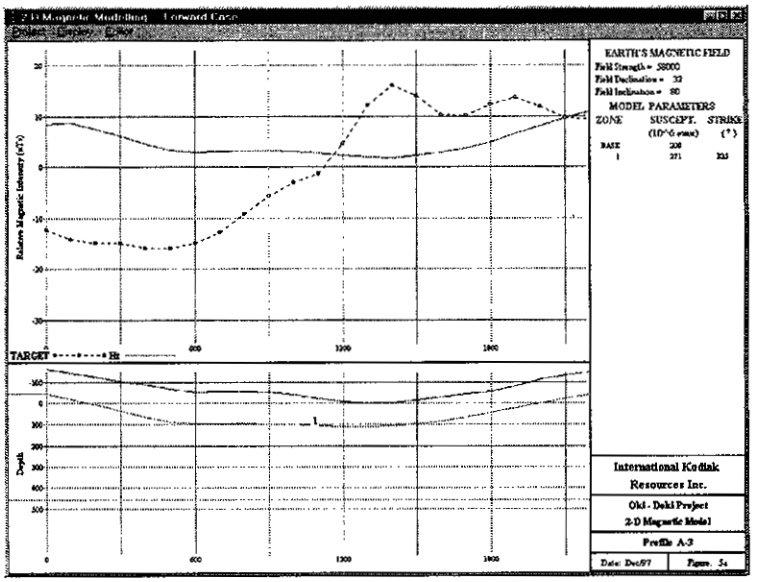
If wide enough, both edges of a flat lying sill will be marked by abrupt gradients that border the positive amplitude magnetic event. As the width of the sill varies, the profile across the zone can vary dramatically.



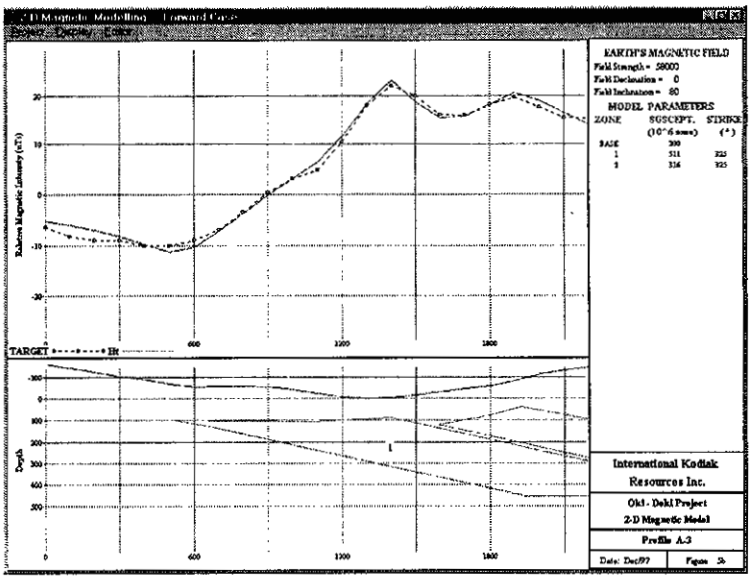
If the sill is dipping, the emphasis in the magnetic profile will be shifted to the up dip edge.

Profile A3

This profile crosses a portion of one of the ENE trending thrust fault/low angle contacts picked. The theoretical profile produced from the terrain clearance/elevation model of the airborne survey shows three interesting points. Slight increases in the total field are expected along the higher elevations at each end of the profile. A slight bump near the centre of the profile is coincident with a change in the terrain clearance. The amplitudes of these effects are directly related to the susceptibility of the underlying rocks.



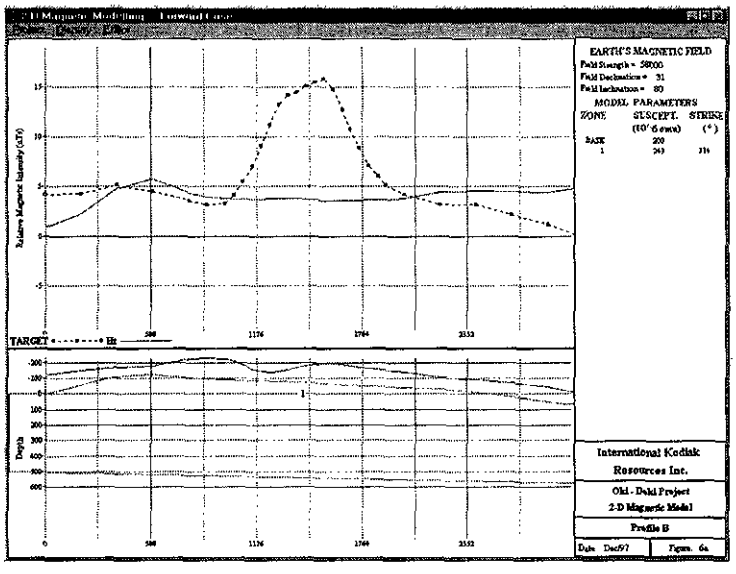
The field profile shows a distinct shift in the background amplitude, increasing from NNW to SSE. Two positive peaks are mapped within the higher amplitude region.



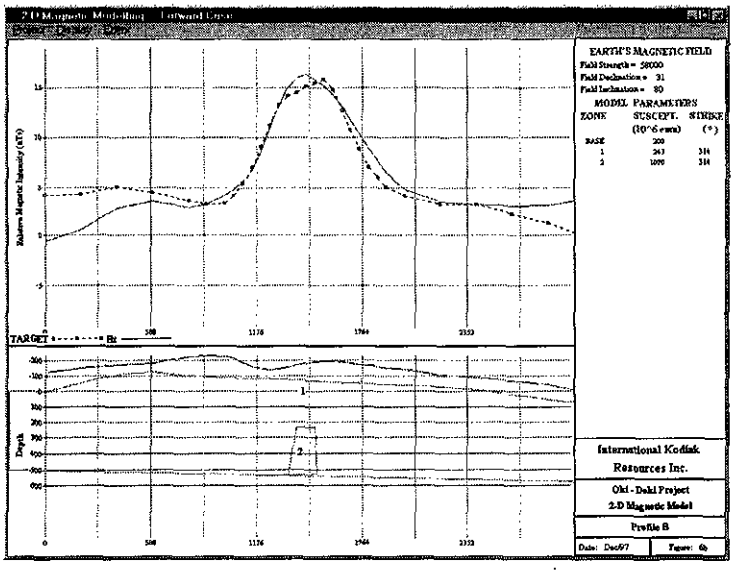
This profile could be generated by a southerly dipping thrust fault and/or low angle contacts as shown on the above model.

Profile B

Profile B crosses one of several narrow, short strike length magnetic highs observed within these claims. Many are located along interpreted thrust faults. This response is particularly anomalous in that it lies within a quiet background, away from any other interpreted structures.



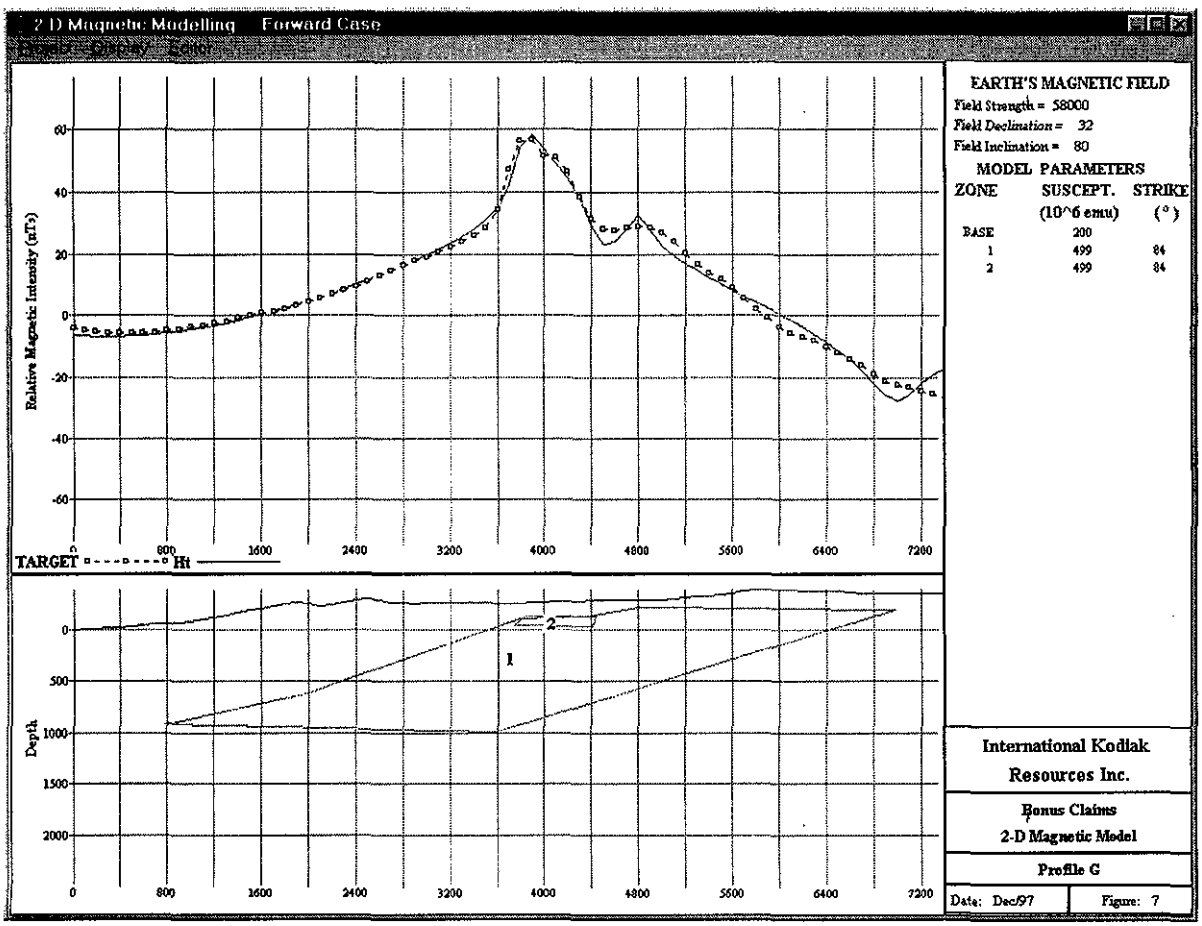
The background profile across this area shows some terrain clearance effects may be causing undulations along the northern flank of the anomaly however they do not confuse the interpretation.



This profile could be caused by a near vertical dyke-like body. The response could be generated by a single body or by several closely spaced dykes. Depth to the top of the body is estimated around 300 metres however ground verification would produce a more accurate estimate.

Profile G

This profile crosses a wide, NW trending band of high magnetic values that runs the length of the Bonus Claims. This area is to the west of the Oki-Doki map sheet presented as Plate M-1. Refer to the Magnetic Contour Map, Plate G-3a for the location of this profile.



The 7 km wide magnetic high could be generated by a body dipping ~ 20° to the SW. This unit needs to contain only ~ 0.1% magnetite more than the surrounding rocks to generate the observed anomaly.

The narrow high near the centre of the broad unit could be generated by several conditions. A dramatic decrease in the depth to the target or a narrow lens or sill of high susceptibility material are two possibilities. The negative inflection on the NE side of the anomaly implies a dipolar type of source. The above model shows the effect from a near surface body, some 600 meters wide and 100 metres thick, with a susceptibility contrast of an additional 0.1% magnetite equivalent.

625000 m E
630000 m E
635000 m E
640000 m E
645000 m E
650000 m E
138° 30'
138° 25'
138° 20'
138° 15'
138° 10'
138° 05'
138° 00'
64° 15'
7125000 m N
7120000 m N
64° 10'
7115000 m N
7110000 m N
64° 05'
7105000 m N
31.7°
N
Magnetic North
WOW CLAIMS
GOOD NEWS
D BLOCK
BULSI CLAIMS
WOW CLAIMS
E BLOCK
B BLOCK
Q BLOCK
AXIS CLAIMS
A BLOCK
C BLOCK
C BLOCK
YES CLAIMS
OKI–DOKI CLAIMS OUTLINE
Aussie Creek
Bewery Creek
Lost Outlaw Creek
Kitty Jay Creek
Bulsi Creek
Dawson Creek
Creek

INTERPRETATION LEGEND

- Low Angle Contact – Thrust Fault
- Fault
- Linears: contacts, fold axes, structural trends
- Intrusion
- Intrusion (Dyke, Sill)

(nT)
110.60
31.10
−18.30
−46.80
−56.90
−63.45
−68.20
−72.00
−74.50
−76.45
−78.20
−79.70
−81.15
−82.50
−83.90
−85.30
−86.60
−87.90
−89.10
−90.05
−90.95
−91.75
−92.65
−93.45
−94.35
−95.40
−97.30
−100.30
−103.90
−110.95

AIRBORNE SURVEY SPECIFICATIONS

- Survey flown by Sander Geophysics Limited
- Aerospatial AS350D AStar helicopter
  average terrain clearance = 120 metres
  average speed = 120 km/hr
- Geometrics G–822A cesium vapour magnetometer towed 30 metres below aircraft
- Exploranium GR820 gamma ray spectrometer using ten 102 x 102 x 406 mm NaI(Tl) crystals
- GPSNAV microcomputer based GPS navigation system

MAP SPECIFICATIONS

- UTM coordinate system: NAD 27, Zone 7
- Topography digitized from 1:50000 NTS maps by International Kodiak Resources Inc.

INTERNATIONAL KODIAK RESOURCES INC.

OKI – DOKI PROJECT

Dawson and Mayo Mining Districts, Yukon Territory
N.T.S.: 116A, 116B, 115P

TOTAL MAGNETIC FIELD INTENSITY (nT)
COLOUR CONTOUR MAP
INTERPRETATION MAP

1 000 0 1 000 2 000 3 000
SCALE IN METRES

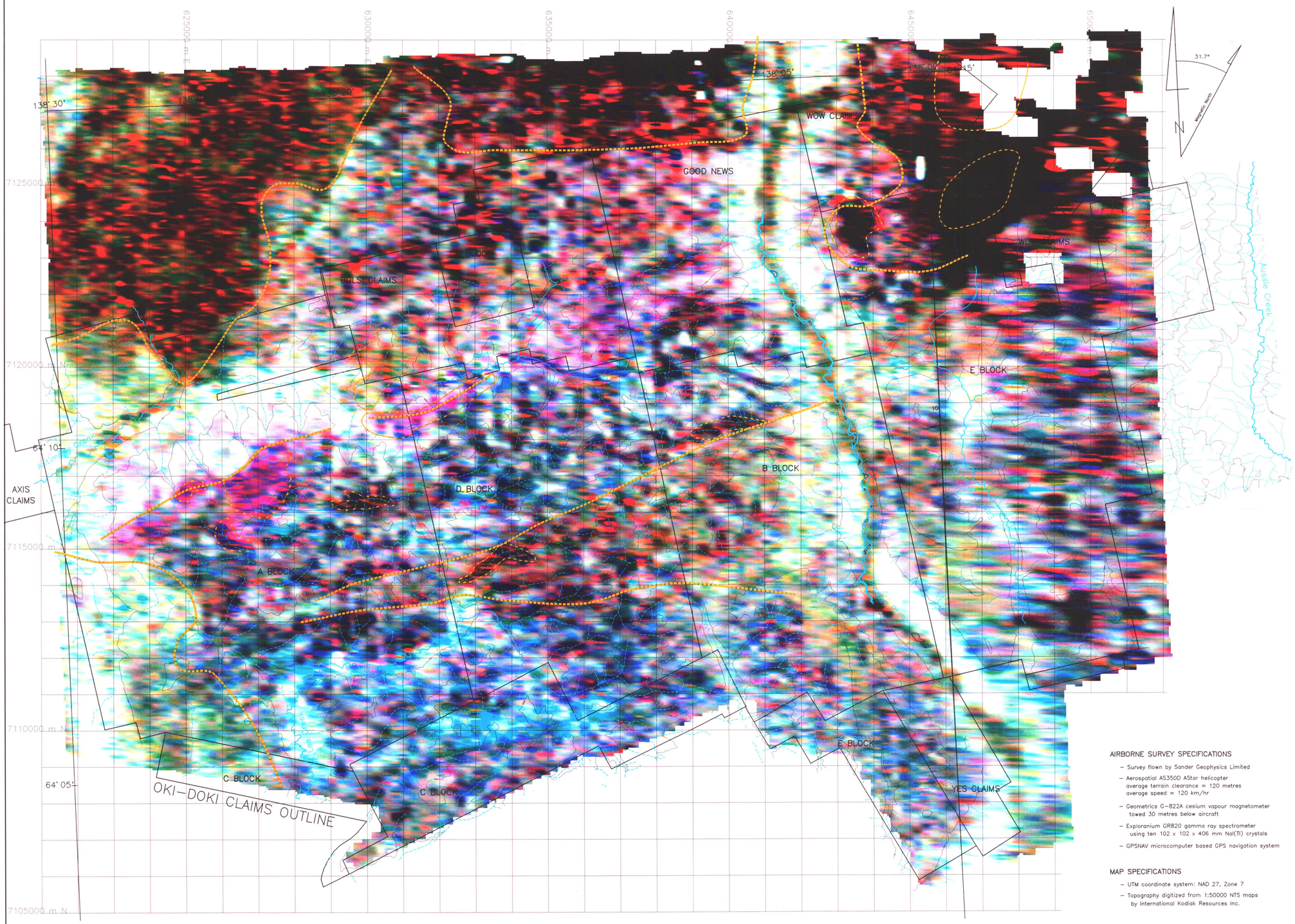
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PLATE: G–1a

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INTERPRETATION LEGEND

- Contacts
- Local Anomaly
- Local Anomaly: low Th/K ratio

AIRBORNE SURVEY SPECIFICATIONS

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- Aerospatial AS350D AStar helicopter
  average terrain clearance = 120 metres
  average speed = 120 km/hr
- Geometrics G–822A cesium vapour magnetometer
  towed 30 metres below aircraft
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- GPSNAV microcomputer based GPS navigation system

MAP SPECIFICATIONS

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INTERNATIONAL KODIAK RESOURCES INC.

OKI – DOKI PROJECT

Dawson and Mayo Mining Districts, Yukon Territory
N.T.S.: 116A, 116B, 115P

TERNARY RADIOELEMENT MAP
COLOUR CONTOUR MAP
INTERPRETATION MAP

1 000 0 1 000 2000 3000
SCALE IN METRES

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DATE: JANUARY, 1998 PLATE: G–1b

DoG (16) 5/5 (2)

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625000 m E
630000 m E
635000 m E
640000 m E
645000 m E
650000 m E
7125000 m N
7120000 m N
7115000 m N
7110000 m N
7105000 m N
138° 30'
138° 25'
138° 20'
138° 15'
138° 10'
138° 05'
138° 00'
64° 10'
64° 05'
31.7°
Magnetic North
N
WOW CLAIMS
GOOD NEWS
BULSI CLAIMS
D BLOCK
WOW CLAIMS
E BLOCK
B BLOCK
D BLOCK
AXIS CLAIMS
A BLOCK
C BLOCK
C BLOCK
E BLOCK
YES CLAIMS
OKI–DOKI CLAIMS OUTLINE
Brewery Creek
Aussie Creek
Kwanika Creek
Tower Creek
Tower Creek
Tower Creek
Tower Creek
Tower Creek
1
2
3
4
5
6
7
8

INTERPRETATION LEGEND

MAGNETICS

- Low Angle Contact – Thrust Fault
- Fault
- Linears: contacts, fold axes, structural trends
- Intrusion
- Intrusion (Dyke, Sill)

RADIOMETRICS

- Contacts
- Local Anomaly
- Local Anomaly: low Th/K ratio

GEOCHEMISTRY

- Anomalous Gold

LANDSAT

- Linear
- Possible Gossan

2 Area of Interest

AIRBORNE SURVEY SPECIFICATIONS

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- Aerospatial AS350D AStar helicopter
  average terrain clearance = 120 metres
  average speed = 120 km/hr
- Geometrics G–822A cesium vapour magnetometer
  towed 30 metres below aircraft
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- GPSNAV microcomputer based GPS navigation system

MAP SPECIFICATIONS

- UTM coordinate system: NAD 27, Zone 7
- Topography digitized from 1:50000 NTS maps
  by International Kodiak Resources Inc.

INTERNATIONAL KODIAK RESOURCES INC.

OKI – DOKI PROJECT

Dawson and Mayo Mining Districts, Yukon Territory
N.T.S.: 116A, 116B, 115P

COMPILATION
and
INTERPRETATION MAP

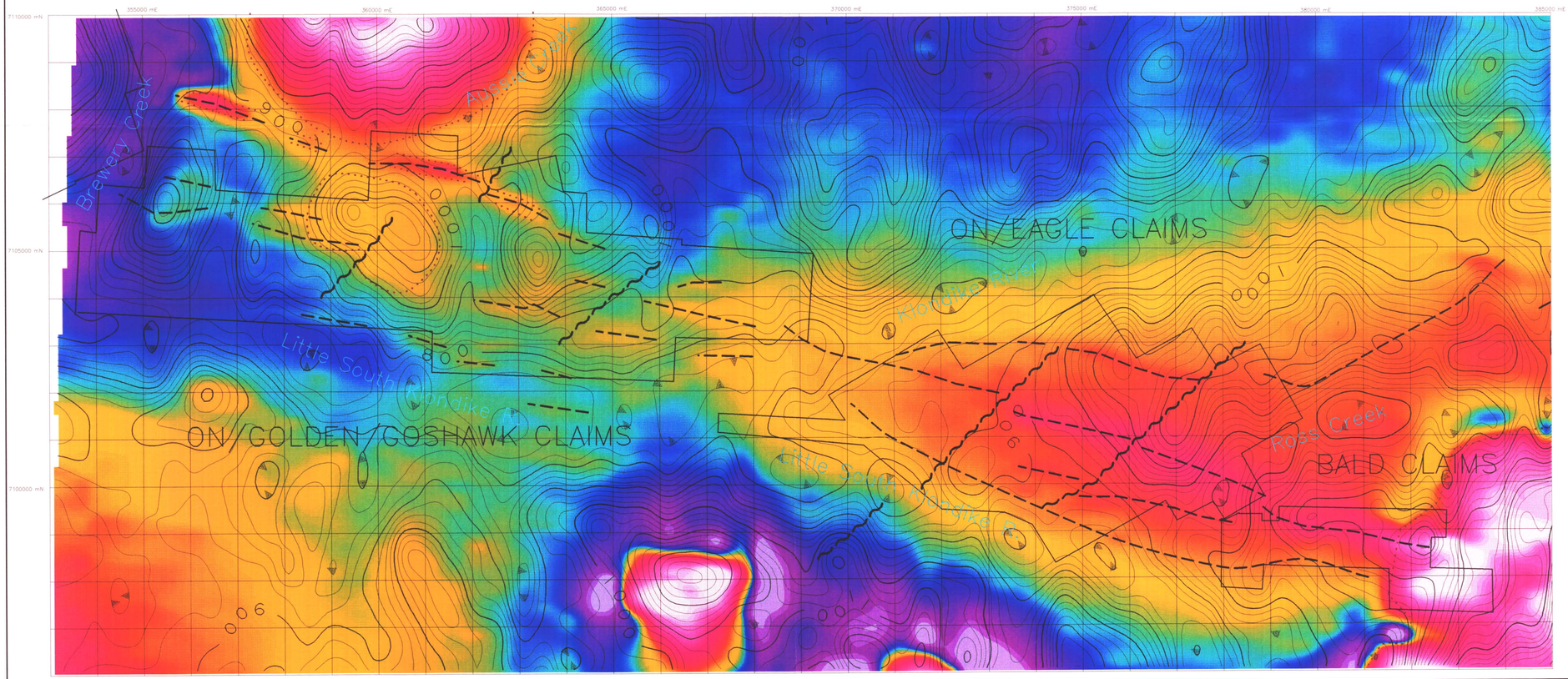
1 000 0 1 000 2 000 3 000
SCALE IN METRES

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DATE: JANUARY, 1998 PLATE: G–1c

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INTERPRETATION LEGEND

MAGNETICS

Fault

Linears: contacts, fold axes, structural trends

Intrusion

Intrusion (Dyke, Sill)

−10.00
−104.70
−118.13
−122.68
−125.43
−128.07
−130.88
−133.75
−136.45
−138.38
−139.82
−141.07
−142.23
−143.38
−144.55
−145.43
−146.20
−147.00
−147.73
−148.45
−149.23
−150.05
−150.90
−151.65
−152.55
−153.52
−154.85
−157.20
−160.73
−172.43

(nT)

AIRBORNE SURVEY SPECIFICATIONS

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  average terrain clearance = 120 metres
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- Geometrics G−822A cesium vapour magnetometer towed 30 metres below aircraft
- Exploranium GR820 gamma ray spectrometer using ten 102 x 102 x 406 mm NaI(Tl) crystals
- GPSNAV microcomputer based GPS navigation system

MAP SPECIFICATIONS

- UTM coordinate system: NAD 27, Zone 8
- Topography generated from airborne radar and barometric altimeters

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INTERNATIONAL KODIAK RESOURCES INC.

ON/GOLDEN/GOSHAWK CLAIMS
ON/EAGLE CLAIMS
BALD CLAIMS

Dawson and Mayo Mining Districts, Yukon Territory
N.T.S.: 116A, 116B, 115P

TOTAL MAGNETIC FIELD INTENSITY (nT)
COLOUR CONTOUR MAP
INTERPRETATION MAP

1 000 0 1 000 2 000 3 000
SCALE IN METRES

5/5

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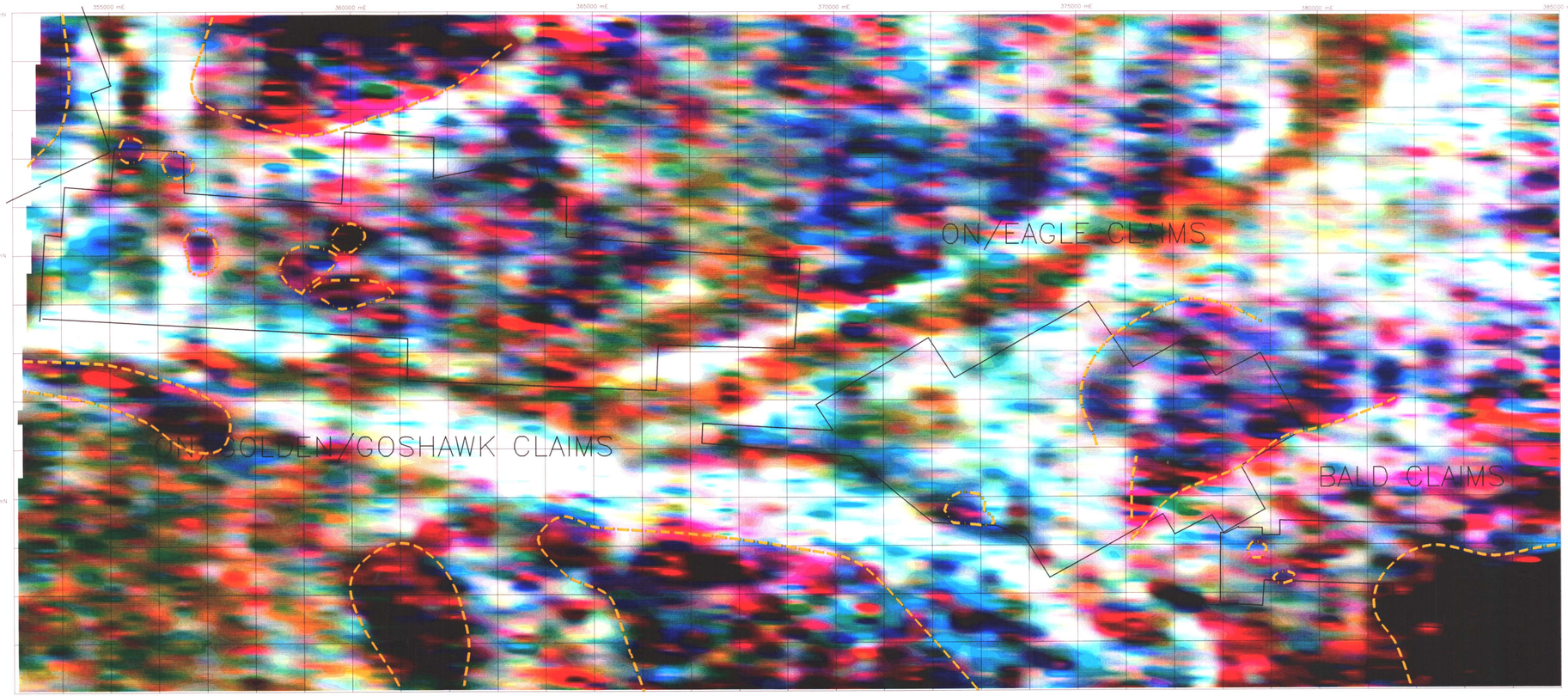
DATE: JANUARY, 1998

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PLATE: G−2a

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INTERPRETATION LEGEND

RADIOMETRICS
Contacts
Local Anomaly: low Th/K ratio

TH
UR
K

AIRBORNE SURVEY SPECIFICATIONS

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MAP SPECIFICATIONS

- UTM coordinate system: NAD 27, Zone 8
- Topography generated from airborne radar
  and barometric altimeters

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INTERNATIONAL KODIAK RESOURCES INC.

ON/GOLDEN/GOSHAWK CLAIMS
ON/EAGLE CLAIMS
BALD CLAIMS

Dawson and Mayo Mining Districts, Yukon Territory
N.T.S.: 116A, 116B, 115P

TERNARY RADIOELEMENT MAP
COLOUR CONTOUR MAP
INTERPRETATION MAP

5/5

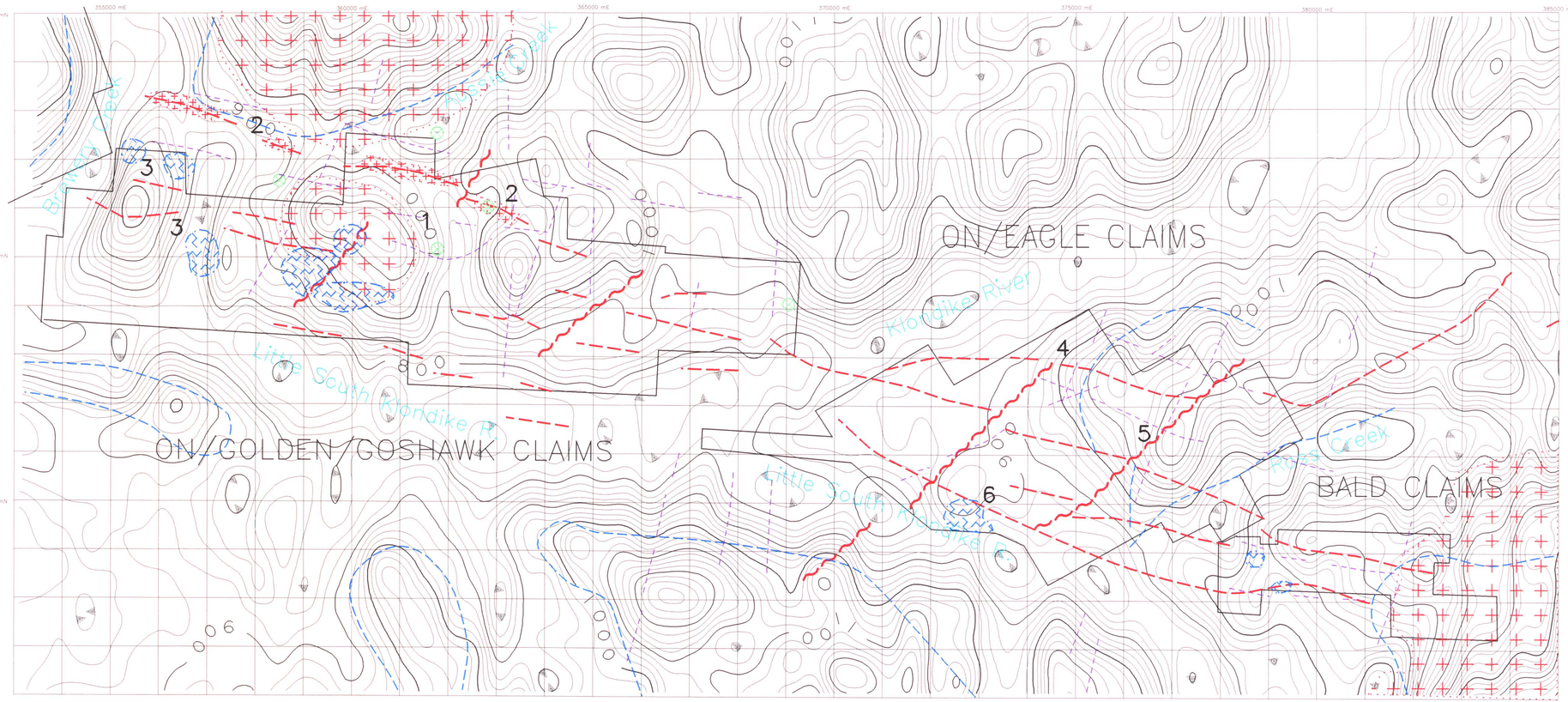
1 000 0 1 000 2000 3000
SCALE IN METRES

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DATE: JANUARY, 1998

5

PLATE: G-2b





INTERPRETATION LEGEND

MAGNETICS

- Fault
- Linears: contacts, fold axes, structural trends
- Intrusion
- Intrusion (Dyke, Sill)

RADIOMETRICS

- Contacts
- Local Anomaly: low Th/K ratio

GEOCHEMISTRY

- Anomalous Gold

LANDSAT

- Linear

2 Area of Interest

AIRBORNE SURVEY SPECIFICATIONS

- Survey flown by Sander Geophysics Limited
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- GPSNAV microcomputer based GPS navigation system

MAP SPECIFICATIONS

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INTERNATIONAL KODIAK RESOURCES INC.

ON/GOLDEN/GOSHAWK CLAIMS
ON/EAGLE CLAIMS
BALD CLAIMS

Dawson and Mayo Mining Districts, Yukon Territory
N.T.S.: 116A, 116B, 115P

COMPILATION
and
INTERPRETATION MAP

5/5

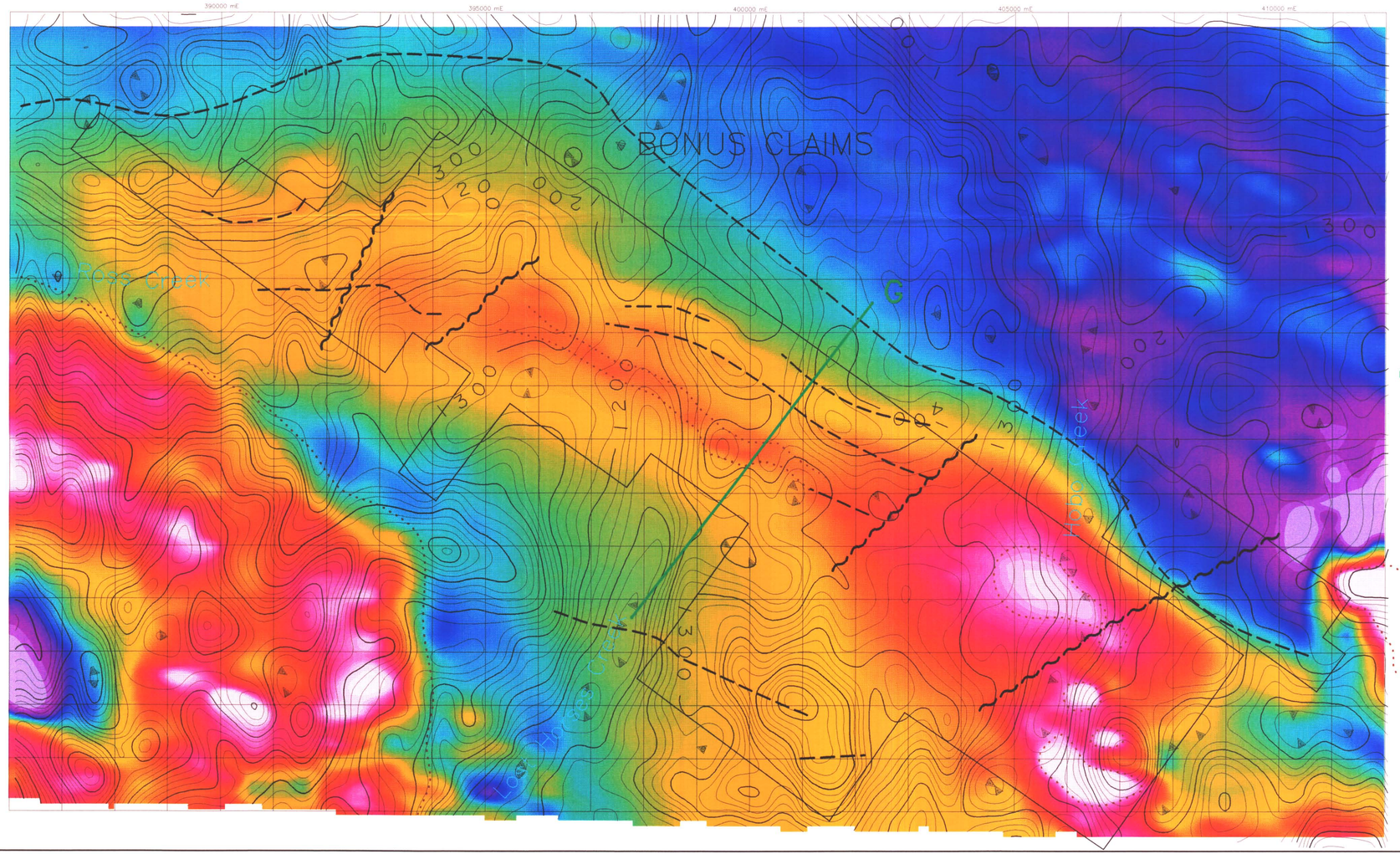
1 000 0 1 000 2 000 3 000
SCALE IN METRES

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DATE: JANUARY, 1998

(b) PLATE: G-2c

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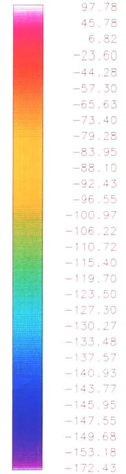




INTERPRETATION LEGEND

MAGNETICS

- Fault
- Linears: contacts, fold axes, structural trends
- Intrusion
- Intrusion (Dyke, Sill)
- Model Profile



AIRBORNE SURVEY SPECIFICATIONS

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- GPSNAV microcomputer based GPS navigation system

MAP SPECIFICATIONS

- UTM coordinate system: NAD 27, Zone 8
- Topography generated from airborne radar and barometric altimeters

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INTERNATIONAL KODIAK RESOURCES INC.

BONUS CLAIMS

Dawson and Mayo Mining Districts, Yukon Territory
N.T.S.: 116A, 115P

TOTAL MAGNETIC FIELD INTENSITY (nT)

COLOUR CONTOUR MAP
INTERPRETATION MAP

1 000 0 1 000 2000 3000
SCALE IN METRES

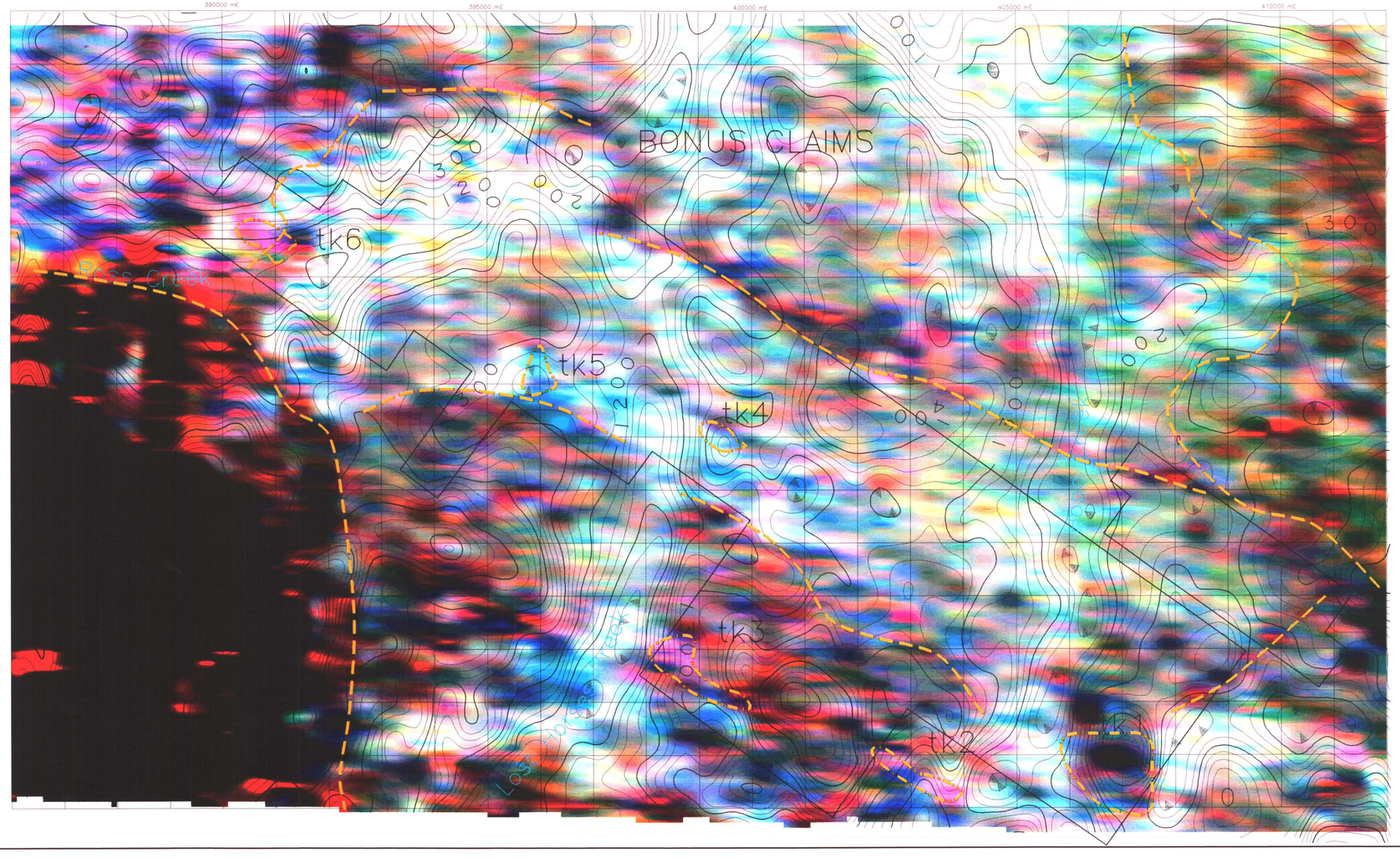
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DATE: JANUARY, 1998

7

PLATE: G-3a





INTERPRETATION LEGEND

RADIOMETRICS

Contacts

Local Anomaly: low Th/K ratio



AIRBORNE SURVEY SPECIFICATIONS

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  average speed = 120 km/hr
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- GPSNAV microcomputer based GPS navigation system

MAP SPECIFICATIONS

- UTM coordinate system: NAD 27, Zone 8
- Topography generated from airborne radar
  and barometric altimeters

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INTERNATIONAL KODIAK RESOURCES INC.

BONUS CLAIMS

Dawson and Mayo Mining Districts, Yukon Territory
N.T.S.: 116A, 115P

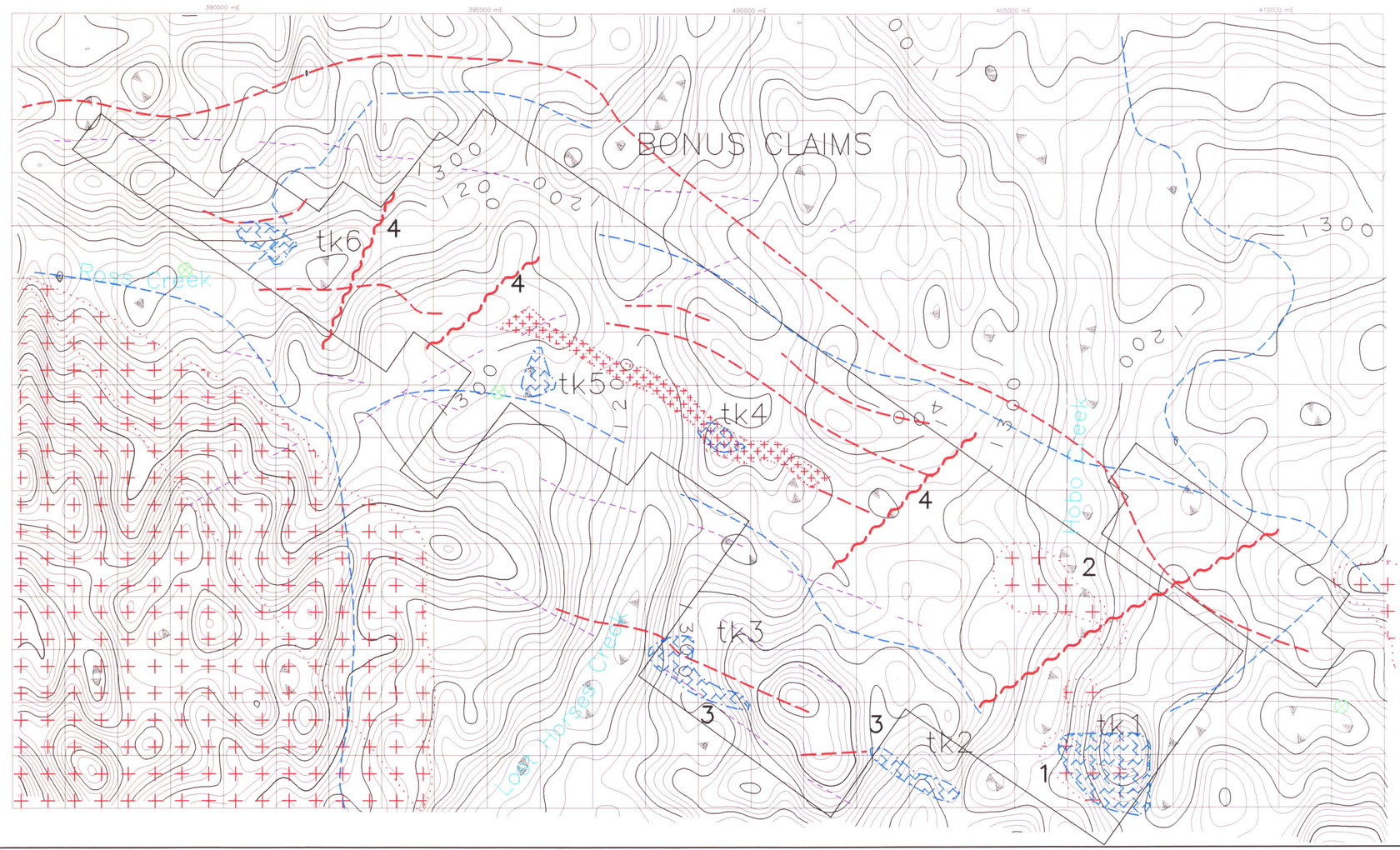
TERNARY RADIOELEMENT MAP
COLOUR CONTOUR MAP
INTERPRETATION MAP

1 000 0 1 000 2000 3000
SCALE IN METRES

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DATE: JANUARY, 1998 (8) PLATE: G-3b 5/5

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INTERPRETATION LEGEND

MAGNETICS
- Fault
- Linears: contacts, fold axes, structural trends
- Intrusion
- Intrusion (Dyke, Sill)

RADIOMETRICS
- Contacts
- Local Anomaly: low Th/K ratio

GEOCHEMISTRY
- Anomalous Gold

LANDSAT
- Linear

2 Area of Interest

AIRBORNE SURVEY SPECIFICATIONS

- Survey flown by Sander Geophysics Limited
- Aerospatial AS350D AStar helicopter
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MAP SPECIFICATIONS

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INTERNATIONAL KODIAK RESOURCES INC.

BONUS CLAIMS

Dawson and Mayo Mining Districts, Yukon Territory
N.T.S.: 116A, 115P

COMPILATION
and
INTERPRETATION MAP

1 000 0 1 000 2 000 3 000
SCALE IN METRES

5/5

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DATE: JANUARY, 1998

PLATE: G-3c (9)

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