GEOLOGICAL AND GEOCHEMICAL

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

094118

Volume 1

for

INTERNATIONAL KODIAK RESOURCES INC.
530-800 West Pender St.
Vancouver, B.C.
V6C 2V6

RECEIVED
APR 3 - 2000
MINING
RECORDERS OFFICE
DAWSON, Y.T.

by

Bart J. Jaworski, G.I.T.
Marco T. Vanwermeskerken, P.Geo.

March 30, 2000

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 $ 2,700.

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

SUMMARY

The Oki-Doki Project Area is located in west-central Yukon approximately 67 kilometres east of Dawson City. The project area consists of a main block and three peripheral claim groups comprising 3553 claim units covering 74257.7 hectares. The claims are owned and operated by International Kodiak Resources Incorporated.

Previous exploration of the main block, by earlier operators, focussed on two separate areas, the Bear and Ridgway prospects, identified for their coincident anomalous airborne magnetic geophysical and regional stream sediment response. The bulk of the claim area remained unexplored until reconnaissance exploration was conducted in 1996.

In 1997 a program of exploration was accompanied by further land acquisition. Exploration emphasized detailed stream sediment sampling on existing ground and reconnaissance silt sampling on newly added claims to the east. A total airborne geophysical survey was flown over the entire main block. This program succeeded in identifying six areas of anomalous geochemical and geophysical response on the existing claims and several areas of interest on newly acquired ground.

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.

In 1998 a program consisting of gridded soil geochemistry, mapping, prospecting, magnetometer and induced polarization surveys explored several of the six targets on the west half of the block. Detailed stream sediment sampling and prospecting was completed over four targets on the east half of the main block and on the peripheral claims. Activity on the east block further defined three of the four targets as areas that merit continued interest. On the west block sulphide vein material from Area 1 provided assays as high as 3.674 oz/ton Au over narrow widths and values approaching half a gram averaged over 16 metres from sheeted vein material. Grid work on Areas 3 and 4 identified a series of broad multielement Au, As, Sb, Hg geochemically anomalous zones. Induced polarization surveying of Area 3 defined favourable chargeability and resistivity features coincident with the elevated geochemical values over a potential strike length in excess of two kilometres. Expenditures up to the end of the 1998 field season totaled over $2 million.

The 1999 field season predominantly focused on the evaluation of four main areas known as Area 1, 3, 4 and 5. A total of $342,696.57 was spent on these areas predominantly on reconnaissance and grid soil sampling, rock sampling, geological mapping, as well as, blast and hand trenching.

Area one is an intrusive hosted target, which is coincident with a magnetic high signature. Mineralization consists of sheeted quartz veins and fractures hosted within a Cretaceous

batholith.. Samples collected from this area yielded silt, soil, talus fines and rock samples highly anomalous in Au, As, Sb, and Hg. Towards the North, an area known as the Rimrock South (skarn) prospect yielded very high Ag, Pb, Zn +/- Cu results. A zone was identified which is 30-40 meters in width and at least 250 meters long with gold values ranging up to 1040 ppb. Grab samples from narrow shear zones containing quartz veins assayed up to 3.674 opt Au

Area 3 is a newly identified graphitic shale-hosted silver-vanadium-(platinum-palladium-rhodium) target, with similarities to silver-vanadium deposits found in China, as well as, platinum-bearing prospects in the Yukon. Area 3 contains silver and vanadium, with associated nickel, uranium, strontium, selenium and other elements continuously distributed over greater than 800-900 kilometers in an east-west direction and ranging 100-300 metres in width. Reconnaissance soil sampling in 1999 suggest this anomaly continues for at least an additional 3.5 kilometres to the west. Limited re-assaying of soil samples across the entire 7 kilometre length of the anomaly show elevated platinum, palladium and minor rhodium. Additionally, significant gold anomalies flank these anomalies.

A 100-meter trench excavated on the western flank of this structure was found to contain elevated silver - averaging 5.3 g/t Ag over its entire length. This trench remains open to the north and to the south.

1999 grid sampling at Area 4 identified an east-west, 900 metre long by 100-200 metre wide moderate gold in soil anomaly. The anomaly is open to the east and west and appears to extend across reconnaissance soil samples collected up to 3 kilometres to the west along strike.

Fieldwork at Area 5, located on the southeast portion of the property, led to the identification of a previously unmapped Cretaceous-aged intrusive body with a magnetic high signature flanked by extreme magnetic lows. The intrusion is coincident with a 600 by 800 metre gold-in-soil anomaly, which remains open to the east and the south, and contains highly elevated values of gold (up to 564 ppb), and Fort Knox-type 'pathfinder' elements arsenic, bismuth, antimony and tellurium. A 2-metre rock chip sample collected within the anomaly assayed 480 ppb gold. Additionally, arsenopyrite-bearing quartz veins were discovered in float within the anomaly.

Additional work in the form of expanded soil geochemistry and mechanized trenching enhanced targets on these areas, concurrent with initial grid work on remaining targets is recommended at an estimated cost of $216,000.

TABLE OF CONTENTS

	SUMMARY	i
1.0	INTRODUCTION	
	1.1 Area History	1
	1.2 Current Activity	1
	1.3 Location and Access	2
	1.4 Physiography	2
	1.5 Ownership	3
	1.6 Previous Exploration	3
2.0	REGIONAL GEOLOGY	
	2.1 Introduction	4
	2.2 Stratigraphy	5
	2.3 Intrusives	6
	2.4 Structure	6
	2.5 Area Prospects	7
3.0	EXPLORATION PROGRAM	
	3.1 Scope of Program	7
	3.2 Logistics	8
	3.3 Survey Control	8
	3.4 Sampling	8
	3.5 Analytical Procedures	8
4.0	PROPERTY GEOLOGY	
	4.1 Introduction	9
	4.2 Lithology	9
	4.3 Intrusives	9
	4.4 Structure	10
	4.5 Mineralization/Alteration	10
5.0	EXPLORATION RESULTS	11
	5.1 Geological Mapping (Main Block)	11
	5.2 Geological Mapping (Area 1)	11
	5.3 Property Geochemical Survey	13
	5.3.1 Silt Sample Results	15
	5.3.2 Reconnaissance Soil Sample Results	16
	5.3.3 Gridded Soil Sample Results	18
	5.3.4 Rock Samples	19
	5.3.5 Trenching	20
6.0	DISCUSSION	21
7.0	RECOMMENDATIONS	23
8.0	PROPOSED BUDGET	24

9.0 STATEMENT OF WORK..... 26

10.0 STATEMENTS OF QUALIFICATIONS (Bart J. Jaworski, G.I.T.)..... 27

11.0 STATEMENTS OF QUALIFICATIONS (Marcus Vanwermeskerken, P.Geo.) 28

12.0 REFERENCES..... 29

FIGURES

1	Location Map.....	Follows p.2
2	Property Map.....	Follows p.2
3	Claim Map.....	In pocket
4	Regional Geology Map.....	Follows p.4
5	Area Prospects.....	Follows p.7
6A	Main Block – Sample Location Map.....	In pocket
6B	Main Block – Property Geology.....	In pocket
6C	Main Block – Silver Soil Geochemistry.....	In pocket
6D	Main Block – Gold Soil Geochemistry.....	In pocket
6E	Main Block – Platinum, Palladium and Rhodium Geochemistry.	In pocket
7A	Area 1 Geology Map.....	In pocket
7B	Area 1 Sample Location & Geochemistry.....	In pocket
7C	Area 1 Cirque Lake Trench Area; Geology and Sample Location.....	In pocket
7D	Area 1 Cirque Lake Trench Area Geochemistry Map.....	In pocket
7E	Area 1 Trench Map.....	Follows p.17
7F	Area 1 Gridded Soils.....	Follows p.20
8A	Area 3.1 Soil Geochemistry Results – Silver.....	Follows p.18
8B	Area 3.1 Soil Geochemistry Results – Vanadium.....	Follows p.18
8C	Area 3.1 Soil Geochemistry Results – Zinc.....	Follows p.18
8D	Area 3.1 Soil Geochemistry Results - Platinum.....	Follows p.18
8E	Area 3.1 Soil Geochemistry Results – Palladium.....	Follows p.18
8F	Area 3.1 Soil Geochemistry Results – Rhodium.....	Follows p.18
8G	Area 3.1 Trench Map.....	Follows p.21
9A	Area 3.2 Soil Geochemistry Results – Silver.....	Follows p.18
9B	Area 3.2 Soil Geochemistry Results – Vanadium.....	Follows p.18
9C	Area 3.2 Soil Geochemistry Results – Gold.....	Follows p.18
10A	Area 3.3 Soil Geochemistry Results – Silver.....	Follows p.18
10B	Area 3.3 Soil Geochemistry Results – Vanadium.....	Follows p.18
10C	Area 3.3 Soil Geochemistry Results – Gold	Follows p.18

11A	Area 3.4 Soil Geochemistry Results – Silver.....	Follows p.18
11B	Area 3.4 Soil Geochemistry Results –Vanadium.....	Follows p.18
11C	Area 3.4 Soil Geochemistry Results – Platinum.....	Follows p.18
11D	Area 3.4 Soil Geochemistry Results – Palladium.....	Follows p.18
11E	Area 3.4 Soil Geochemistry Results – Rhodium.....	Follows p.18
12A	Area 4 Soil Geochemistry Results – Gold.....	Follows p.18
12B	Area 4 Soil Geochemistry Results – Silver.....	Follows p.18
13A	Area 5 Geology, Sample Location and Soil Pit and Rock Geochemistry.....	In pocket
13B	Area 5 Soil Geochistry Results – Gold.....	Follows p.19
13C	Area 5 Soil Geochistry Results – Arsenic.....	Follows p.19
13D	Area 5 Soil Geochistry Results – Bismuth.....	Follows p.19
13E	Area 5 Soil Geochistry Results – Tellurium.....	Follows p.19
13F	Area 5 Soil Geochistry Results – Tungsten.....	Follows p.19
13G	Area 5 Soil Geochistry Results – Antimony.....	Follows p.19
13H	Area 5 Soil Geochistry Results – Mercury.....	Follows p.19

TABLES

1	Area 1 Reconnaissance Soil Geochemical Statistics.....	14
2	Area 2, 3, 4 and 6 Reconnaissance Soil Geochemical Statistics..	14
3	Area 2, 3, 4 and 6 Gridded Soil Geochemical Statistics.....	14
4	Area 5 Gridded Soil Geochemical Statistics.....	15
5	Area 5 Reconnaissance Soil Geochemical Statistics.....	15
6	Area 1 Trench Summary Data.....	21
7	Proposed Trenching in Grid 3.1.....	23

APPENDICIES

1 Claim Information
2 Vancouver Petrographics
3 Certificates of Analyses

VOLUMES

1 Geological and Geochemical Report
2 Figures
3 Certificates of Analyses

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, over 100,000 ounces of gold are still recorded every year from small placer mining operations (Burke, 1996). Placer activity ultimately led 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 the 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.

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 to the 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 the fall of 1996 with proven reserves of 17.1 million tonnes grading 1.45 grams gold per tonne, equivalent to 790,000 ounces (Robertson, 1997). Production costs for 1997, the first full year of operation, averaged $184 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 through option agreement with Battle Mountain conducted a trenching and drilling program on the 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).

Late in 1997, to the north of the Oki-Doki main block, Homestake Canada acquired ground in the Mike Lake area to explore for Brewery Creek style Tombstone hosted mineralization. In 1998 Homestake optioned Tombstone Explorations adjoining ground and conducted an exploration program involving extensive blast trenching. Drilling is planned for the spring of 1999.

Kennecott at Antimony Mountain and Newmont near Clear Creek were also active on their claims.

In 1997, at Brewery Creek, Viceroy added 483,000 ounces, or 30 million tonnes grading 0.50 g/t, of gold to the geologic resource at the Lucky, Bohemian, Classic and North Slope zones with over half of this mineralization in oxide form. The North Slope zone, located one kilometre north of the main reserve trend and defined by sediment hosted mineralization, accounts for 30% of this new resource, or 2.2 million tonnes grading 2.01g of gold. Exploration in 1998 focussed on infill and step out drilling of the Bohemian and Schooner zones to establish reserve and resource status for the two respective zones.

MDRU/UBC, the Mineral Deposit Research Unit based at the University of British Columbia, completed a three year study of the metallogeny of Tombstone Suite hosted deposits, sponsored in part 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, central Yukon Territory (see Figure 1).

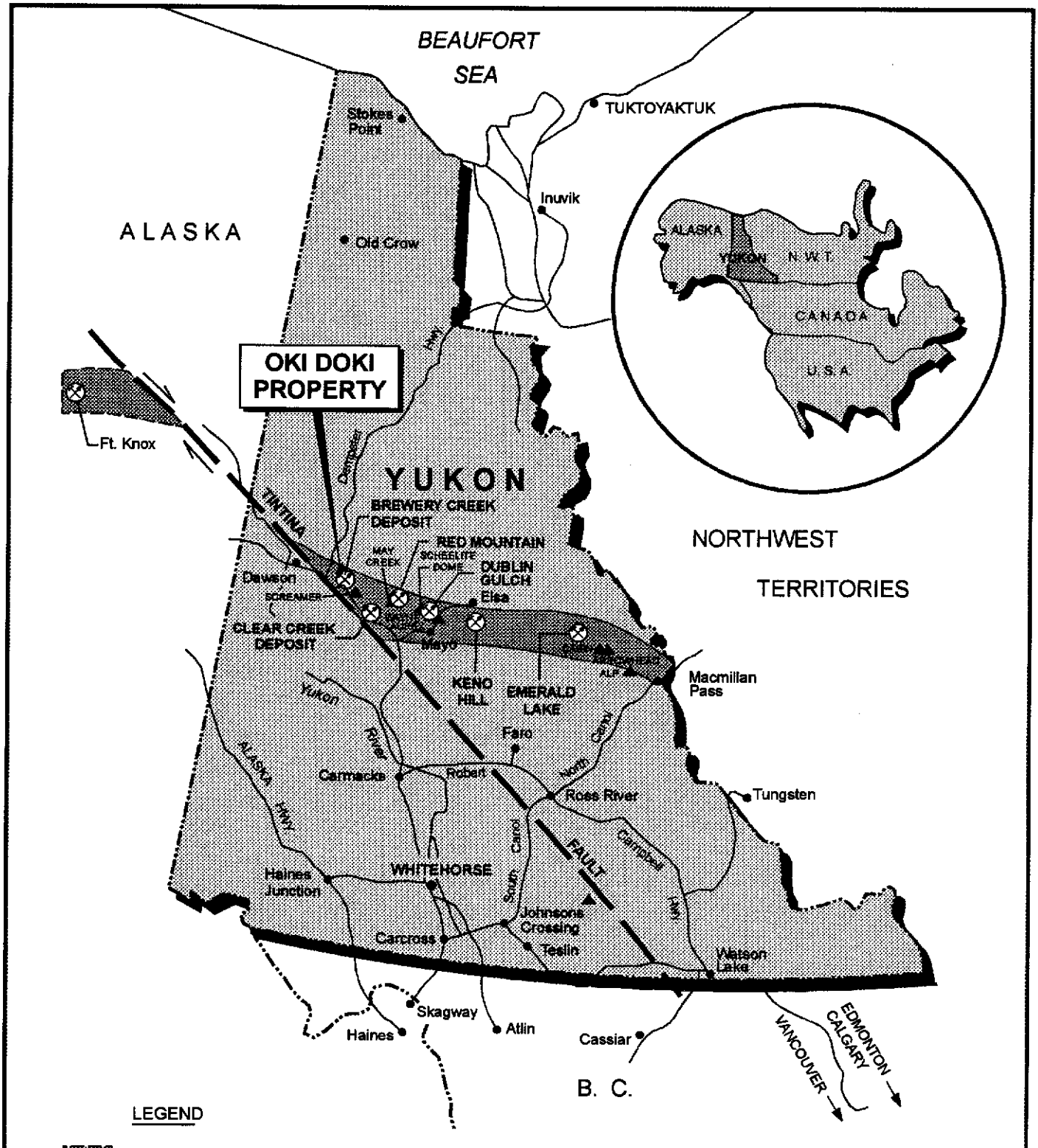
Bordering the Brewery Creek deposit to the north and east, the Oki-Doki project area main block claims are located approximately 67 kilometres east of Dawson City, Yukon Territory. The center of the block is located at 64° 08' north latitude and 138° 12' west longitude on the Lee Creek, NTS map sheet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

Access to the property boundary and old 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, a hard pack gravel road, for about 27 kilometres. An access road runs east 3 kilometres 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.

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.



LEGEND

- TOMBSTONE SUITE PLUTONIC BELT
- ⊗ MINING OR DEVELOPMENT PROJECTS
- ▲ PRECIOUS METAL EXPLORATION PROJECTS

KILOMETRES

0 100 200

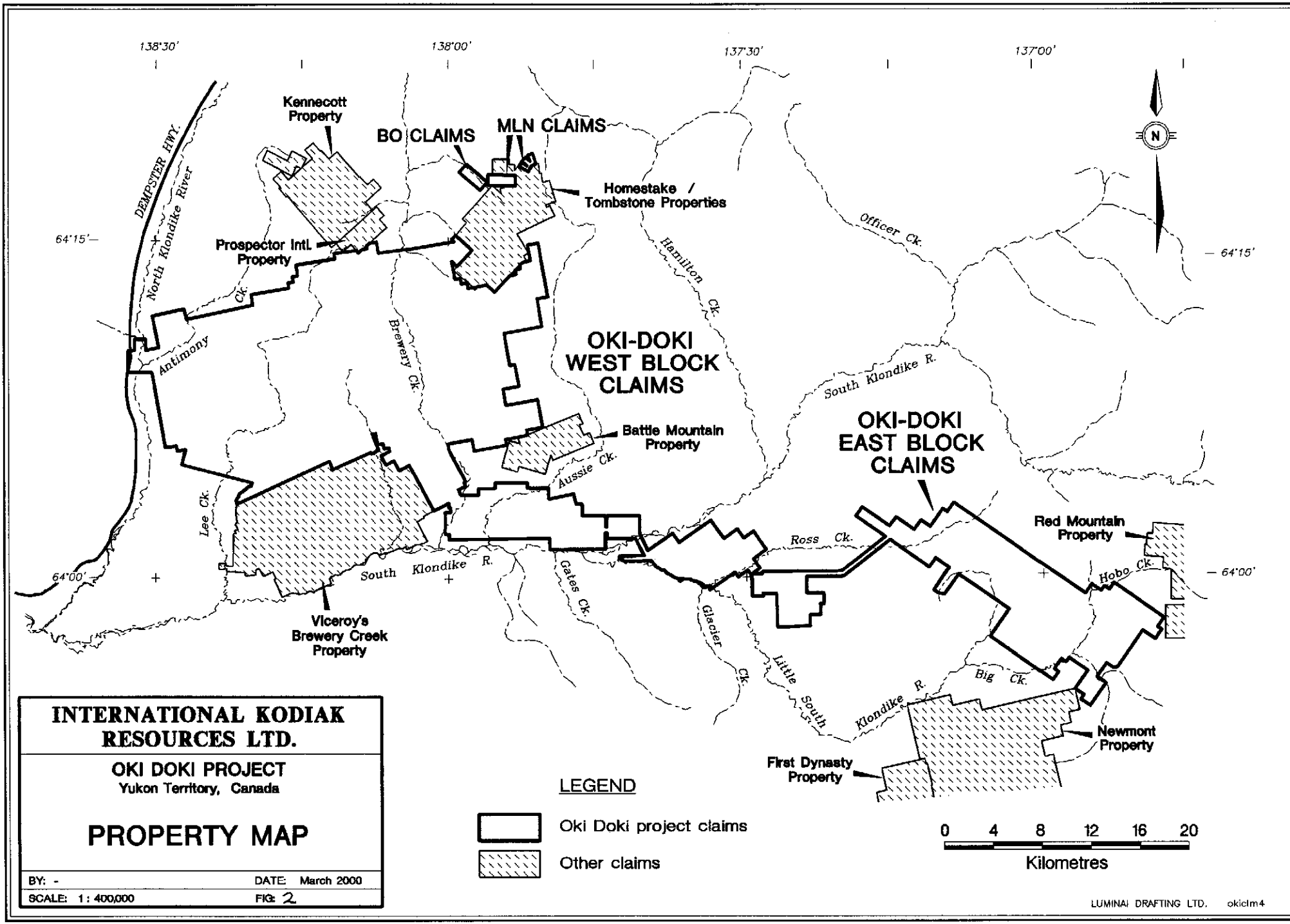
INTERNATIONAL KODIAK RESOURCES INC.

OKI DOKI PROPERTY

YUKON TERRITORY

LOCATION MAP

DATE:	SCALE:	FIGURE NO.
March 2000	AS SHOWN	1



INTERNATIONAL KODIAK RESOURCES LTD.

OKI DOKI PROJECT
Yukon Territory, Canada

PROPERTY MAP

BY: -	DATE: March 2000
SCALE: 1 : 400,000	FIG: 2

LUMINAI DRAFTING LTD. okiclm4

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 the warmer periods 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 metre.

1.5 OWNERSHIP

The Oki-Doki Project area comprises four separate property blocks. These blocks consist of two separate MLN claim groups, the Bo claims and the Main Block. The Main block consists of Oki, Doki, Smoki, Karl, Lokey, Ob, Axis, Eagle, Goshawk, Bald, Golden, Wow, Bulsi, Good News, Yes, On, Bonus, Loki, Pay, Lucky, Big Time, Luvnit, Pay Day, Bang On, Big One, Bang, OBI, Sure Thing, Pay Dirt, Strike and High Grade. Collectively, there are 3553 claim units covering 74,257.7 hectares. These claims, acquired through purchase and staking in the fall of 1996, 1997 and the spring of 1998, are currently owned and operated by International Kodiak Resources with offices at 530-800 West Pender Street, in Vancouver, British Columbia.

Application for an assessment for work completed as outlined in this report places key area claims in good standing until the years 2002, 2003, 2004 and 2005. Complete claim information and tenure status for all claims filed as part of this report is presented in Appendix 1. Claims are shown in Claim Map (see Figure 3, in pocket).

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 sample 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).

In 1990, Noranda Exploration staked the Cub claims covering the Bear prospect. 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 in an area with two east flowing tributaries to O'Brien Creek (Nicholson, G., 1997).

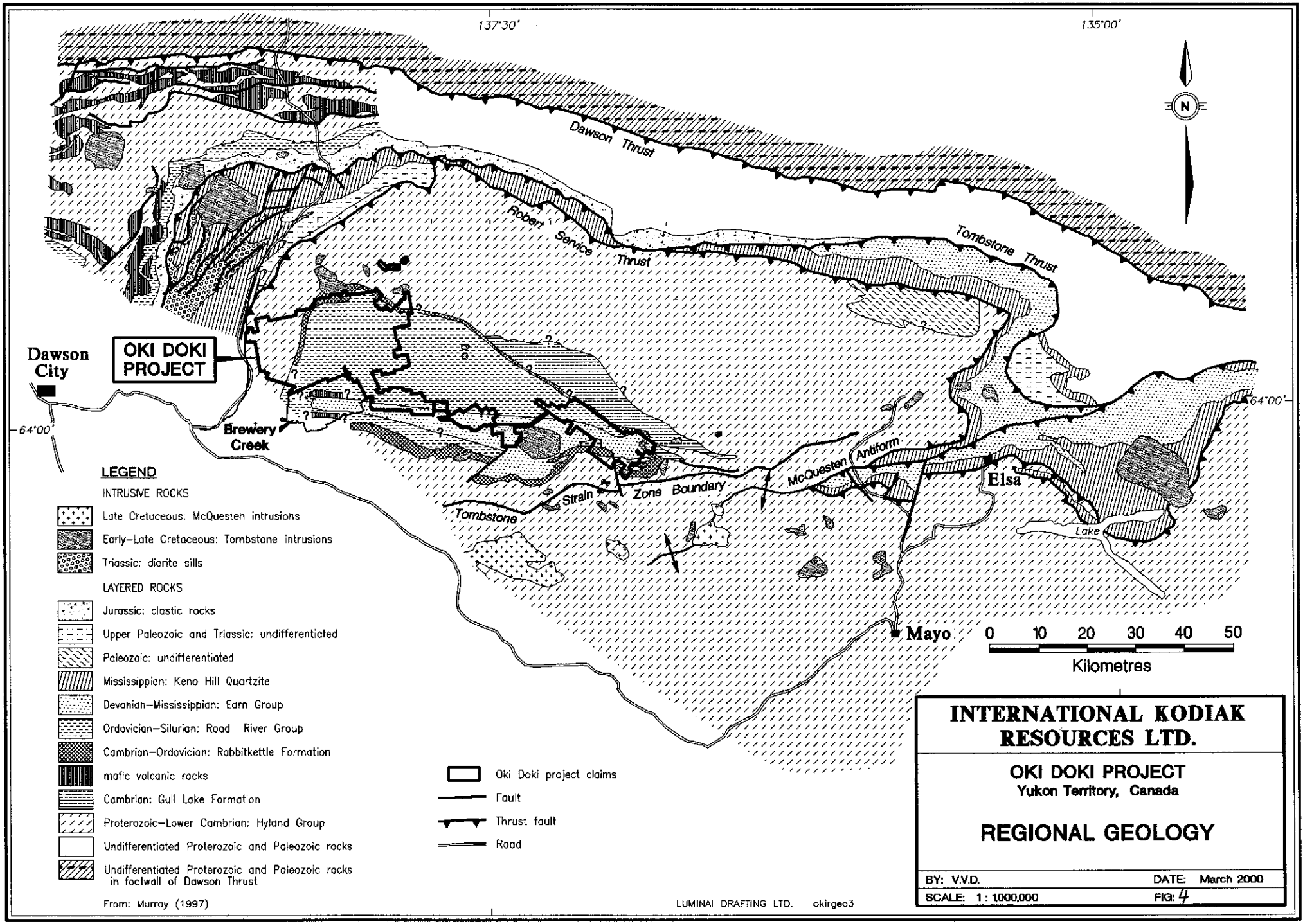
In 1997 a property wide detailed stream sediment sampling program was conducted over the main block. Additional claims were staked to the east and sampled at a reconnaissance level. A total airborne geophysical survey covering both existing and new claims was flown at the end of the program. On the main block over 40 ppb gold in silt and soil anomalies were identified. Of these six are multi station multi drainage anomalies with accompanying pathfinder As, Sb, Hg values. These four element anomalous areas are coincident with geophysically interpreted structural and intrusive features. On the new claims to the east four areas with coincident geochemical and geophysical anomalies were identified.

In 1998 a program consisting of grid soil geochemistry, mapping, prospecting, magnetometer and induced polarization surveys explored several of the six targets on the west half of the block. Detailed stream sediment sampling and prospecting was completed over four targets on the east half of the main block and on the peripheral claims. Activity on the east block further defined three of the four targets as areas that merit continued interest. On the west block sulphide vein material from Area 1 provided assays as high as 3.674 oz/ton Au over narrow widths and values approaching half a gram averaged over 16 metres from sheeted vein material. Grid work on Areas 3 and 4 has identified a series of broad multielement Au,As, Sb, Hg geochemically anomalous zones. Induced polarization surveying of Area 3 defined favourable chargeability and resistivity features coincident with the elevated geochemical values over a potential strike length in excess of two kilometres. Expenditures to date total over $2 million.

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) (see Figure 4).


137°30'
135°00'
64°00'
64°00'
Dawson Thrust
Robert Service Thrust
Tombstone Thrust
Dawson City
OKI DOKI PROJECT
Brewery Creek
McQuesten Antiform
Strain
Zone Boundary
Tombstone
Elsa
Lake
Mayo
N
0 10 20 30 40 50
Kilometres
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. okirgeo3
INTERNATIONAL KODIAK RESOURCES LTD.
OKI DOKI PROJECT
Yukon Territory, Canada
REGIONAL GEOLOGY
BY: V.V.D.
DATE: March 2000
SCALE: 1 : 1,000,000
FIG: 4

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. This suggests 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 limey mudstone, phyllitic mudstone and siltstone with lesser fine grained calcareous quartz sandstone and thin sandy limestone. This rock is generally massive and has distinctive 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 is comprised of 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 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 AREA PROSPECTS

The Oki-Doki project area extends from Antimony Mountain in the northwest to Red Mountain in the southeast (see Figure 2, 5). 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.

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

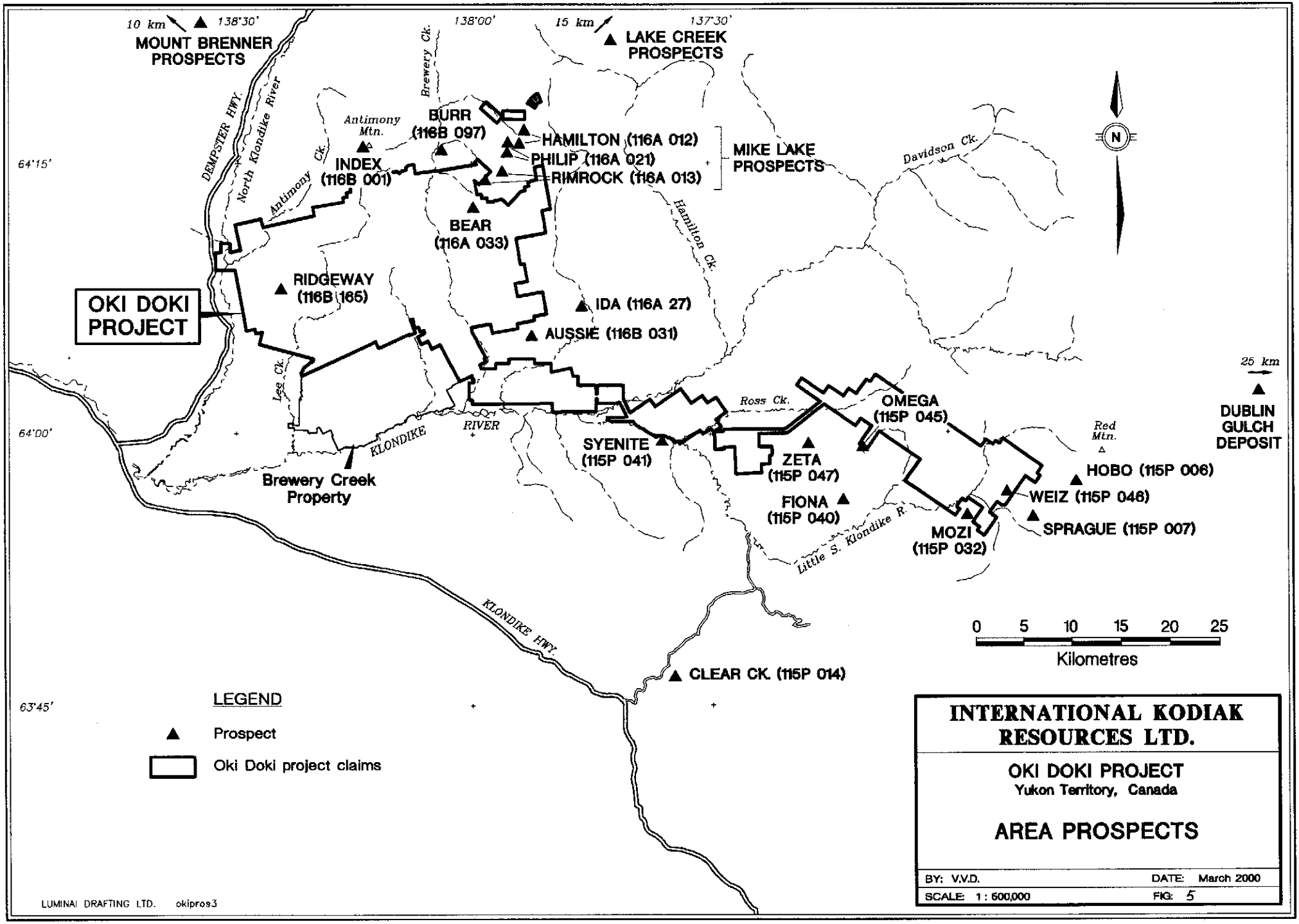
3.1 SCOPE OF PROGRAM

Main Block

The focus of the 1999 field program was to further evaluate previously defined silt and soil anomalies with the objective of isolating targets for trenching. This resulted in the collection of over 3504 soil, silt and rock samples.

Area 1

The 1999 program consisted of geological mapping and sampling talus fines and soil lines, following up on anomalous silt samples and talus fine samples from the previous programs, mostly within or adjacent to the intrusive rocks. This was followed up by basic soil grids, prospecting, systematic rock chip sampling and some hand trenching in the anomalies, altered and mineralized zones. The work was focused in the vicinity of the highly anomalous monzonite in the old Noranda trenches, hereafter called the Cirque Lake showing, as well as in a sequence of prominent lineaments, mostly within the intrusion. A total of 284 soil samples (contour lines and 2 mini grids), 268 rock samples (chip samples from outcrop and trenches, and grabs) and 3 silt samples have been collected during the 1999 field program. A total of 45.7 metres of hand trenching was



INTERNATIONAL KODIAK RESOURCES LTD.

OKI DOKI PROJECT
Yukon Territory, Canada

AREA PROSPECTS

BY: V.V.D.	DATE: March 2000
SCALE: 1 : 500,000	FIG: 5

LUMINAI DRAFTING LTD. okipros3

done in 8 trenches. Geology has been mapped at 1:15,000 (plotted at 1:10,000) for the area. An area, 260 x 400 metres, including the vicinity of the Cirque Lake trenches was mapped at 1:500 scale.

3.2 LOGISTICS

Work was carried out by a field crew complement of ten. Operations were conducted out of the Klondike River Lodge located at the junction of the Dempster Highway and Highway #2. The program was helicopter supported from several staging points: the Dempster corner, the Axis claims at kilometer 27 on the Dempster Highway at the western limit of the main block, and from the Clear Creek Road near Barlow Dome south of the east block claims.

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 in the case of silt traverses or were compass oriented on reconnaissance and grid soil traverses. Distances along all traverse lines were measured by hip chain.

3.4 SAMPLING

Reconnaissance soil samples were collected at 25-100m intervals, and grid based soil sampling collected soils at 25-50m intervals on 100m spaced lines and 50m spaced infil lines. In anticipation of loess cover, soil samples were typically collected from pits at least 30-60 centimetres deep in order to attain the 'C' soil horizon. Silt samples were collected in plastic bags in order to retain fine particle size fractions that may have been in solution. In-field sieving was not conducted.

Samples were named using the following system: e.g. '99X12010' – whereby '99' is the year, 'X' is soil ('S' is silt, 'R' is rock), '12' is the sampler's identification number, and '010' is the tenth sample. Grab, chip, float and talus fine rock samples were collected on mapping, prospecting, geochemical, tagging and follow-up traverses. Sample locations were field plotted on NTS NAD '27 Zone 7 and 8 series maps.

3.5 ANALYTICAL PROCEDURES

Samples were shipped to Acme Analytical Labs in 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 36 element ICP-MS analysis.

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 fine to coarse grained sedimentary rocks.

4.2 LITHOLOGY

The west 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. Interbedded thin wavy limestone and thicker massive argillite of the Rabbit Kettle Formation are also exposed to the north east. Much of the Oki-Doki property north of Viceroy's Brewery Creek Mine is covered by overburden, however occasional black friable graphitic outcrops near the southern boundary are thought to be Earn Group sediments. East block lithologies are primarily argillite and shale of Road River and Earn Group lithologies.

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 metres 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 metres 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 metres 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 metre 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 and SAR radar imaging additional northwest and northeast lineaments are apparent.

Bedding orientations observed across the property are east-west striking and moderate dipping consistently to the south. Lithologies overall young to the south. These two observations likely indicate the property lies on the broad limb of an antiform. Local reversals in dip direction reflect drag folding proximal to thrust faulting.

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 / ALTERATION

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.

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 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 metre and can carry mineralization.

5.0 EXPLORATION RESULTS

5.1 GEOLOGICAL MAPPING (MAIN BLOCK)

Due to lack of exposure on the rest of the Main Block, geological mapping was limited to rock chip lithology descriptions conducted during soil sampling (see Sample Location Map, Figure 6A). A geology map summarizing the lithology of rock chips in soils on the Main Block is shown in Figure 6B.

5.2 GEOLOGICAL MAPPING (AREA 1)

Lithology

Geological mapping has delineated a quartz-biotite monzonite plug, comprising an area of 2.5 km by 1.5 km (see Figure 7A), trending onto the Homestake ground towards the Northeast. Several phases of this monzonite range from equigranular, porphyritic, trachytic to megacrystic, and pegmatite noted at one location. Composition ranges from biotite monzonite to quartz-biotite monzonite to diorite in some of the dykes. These phases appear to be oriented subvertical, striking 160°. Aplite and pegmatite are residual phases, noted as dykelets (aplite) up to 10 cm wide, and pegmatite up to 1 meter wide or more.

In the detailed area, surrounding the Cirque Lake trenches (see Figure 7B), four main textural phases of quartz-biotite monzonite were discerned as follows:

Type A monzonite; 15-20% broken feldspar phenocrysts. Fragment size varies widely up to 8 millimeters.

Type B monzonite; 30-60% euhedral feldspar phenocrysts. Consistent phenocryst size, 2-5 millimeters. Usually trachytic.

Type C monzonite; Equigranular monzonite with slightly higher visible biotite content.

Type D monzonite; Megacrystic, with euhedral feldspars up to 3 centimeters.

This monzonite plug intrudes Ordovician-Silurian argillite, siltstone, chert and fine grained quartzite of the Road River group, as well as Cambrian-Ordovician limestone and chert of the Rabbitkettle Formation.

Dykes ranging in composition from quartz monzonite to diorite were observed as swarms at the southeastern margin, and as isolated dykes at the western and southwestern margins of the monzonite plug. These dykes range to 20 metres in width.

Numerous lineaments within the pluton, and to some extent into the sedimentary rocks may be dykes as well. The very abrupt change of alteration and fracturing at the lineament margins make these lineaments appear as dykes, which were more brittle, thus more susceptible to fracturing, shearing and alteration. However, pervasive carbonate alteration and oxidization of these rocks make it difficult to identify the original composition.

Structure

The monzonite plug occupies a roughly triangular area, 1.5 by 2.5 kilometers, narrowing towards the Northwest, the Northeast and the South. Four phases, identified by variation in textures, appear to be multiphased dykes or cyclic layering of the monzonite, subvertically in a roughly north-south direction (160 degrees).

The before mentioned lineaments, consisting of dense fracture sets, alteration and shearing, trend in an East-West direction, dominating the structural fabric of the monzonite plug and its wallrocks. These lineaments are up to 15 meters wide and more than a kilometer strikelength, dipping 50°S to vertical, extending into the sedimentary wallrocks.

Strong fracture (cleavage) sets within the monzonite plug (outside the lineaments) are dominant in 3 basic directions;

1) The first set is a fairly widespread, but weak cleavage, trending vertcally 020° to 030°, occurring throughout most of the monzonite.
2) Stronger than the first set, but more local, it trends 110° to 125°, dipping vertical to 75° North. This set is most apparent in the steep bluffs between the Cirque Lake trenches and the Bear Creek drainage.
3) The weakest, but most significant set is that trending 050° to 070°, dipping 60°SE to vertical. This fracture set, up to 50 meters wide and 200 meters strikelength, appears to be the structural control to the gold mineralization in the Cirque Lake showing.

All of these fracture sets locally host sheeted quartz +/- calcite +/- chalcedony stringers, variably mineralized with minor pyrite and / or arsenopyrite. Quartz/calcite stringers and veins, up to 2 cm in width, also occur locally in many other directions.

Alteration & mineralization

Widespread alteration is limited to very weak propylitic alteration towards the contact areas of the monzonite plug, and bleached/ oxidized +/- propylitic zones in the sedimentary rocks adjacent to the plug. Some skarning has occurred within the sedimentary rocks as well. These zones are variably silicified, with quartz and calcite veins, mineralized with minor amounts of magnetite, pyrrhotite, pyrite and chalcopyrite.

Otherwise, alteration is limited to the prominent lineaments within the pluton. Carbonate alteration is most pervasive within these lineaments. These include zones of silicification, argillic and sericitic alteration with quartz and calcite veins up to 1 centimeter width, and gouge zones. These rocks are variably mineralized with arsenopyrite, pyrite and chalcopyrite. Limonite, scorodite, pyrolusite and malachite are the predominant secondary minerals in the mineralized zones. One of these lineaments includes massive sulphide veins up to 30 cm wide, mineralized with up to 35% arsenopyrite, 15% pyrite, 10% sphalerite, 5% galena and 1% stibnite in a quartz gangue.

Euhedral arsenopyrite can be found in quartz or calcite stringers, as well as in fractures throughout the monzonite pluton. There does not appear to be any correlation between this arsenopyrite and gold mineralization. Fine grained arsenopyrite, usually with scorodite, occurs within quartz +/- calcite veins and gouge zones within and adjacent to the lineaments. This fine grained arsenopyrite is consistently associated with high gold and silver, as well as antimony, bismuth and mercury.

5.3 PROPERTY GEOCHEMICAL SURVEYS

Over the Oki-Doki west and east block claims, a total of 3506 geochemical samples were collected. Of these, 2692 geochemical samples were collected from areas for which assessment is filed as part of this report (i.e. Area 1, 3, 4 and 5). Of these, 928 were reconnaissance soil samples, 1264 were gridded samples, 19 were silt samples and 481 were rock samples. This report discusses exploration results from Areas 1, 3, 4 and 5 only.

1999 geochemical data was grouped into different populations based on differences physiography and geology, in order to allow for separate statistical analysis. Soil samples from Area 1, which has undergone glaciation and is underlain by predominantly felsic intrusive, defines one population. Area 2, 3, 4, and 6 are primarily underlain by metasediments define a second population. Soil samples collected from Area 5, which is unglaciated and primarily underlain by a separate felsic intrusive body, define a third population.

Soil samples from the above populations were further split into reconnaissance soil samples and gridded soil samples, and hence were kept distinct for statistical analysis. Gridded soils in Area 1, however, were of insufficient size to warrant statistical analysis. Silt samples did not undergo statistical analysis due to insufficient sample size.

The following tables summarize percentile ranges of pertinent elements for the above described sample populations.

Table 1. Area 1 Reconnaissance Soil Sample Percentile Ranges of Pertinent Elements.

	99th %	95th %	90th %	75th %
Ag ppb	54020.70	9732.20	4265.80	1219.50
Au ppb	5616.51	383.03	175.70	42.35
As ppm	65235.06	6421.77	3400.42	1402.45
Sb ppm	1185.52	175.22	59.84	30.33
Bi ppm	906.98	50.57	17.36	3.82
Hg ppb	2706.32	1291.80	882.60	439.50

Table 2. Area 2,3,4 and 6 Reconnaissance Soil Sample Percentile Ranges of Pertinent Elements.

	99th %	95th %	90th %	75th %
Ag ppb	7258.63	1822.00	977.60	441.75
V ppm	648.69	218.30	137.30	92.00
Zn ppm	931.14	447.48	307.07	163.78
Au ppb	76.57	28.93	17.83	9.40
As ppm	96.53	32.92	23.30	14.60
Sb ppm	23.73	8.27	4.75	2.50
Hg ppb	1577.51	651.10	433.00	180.50
Sr ppm	283.55	140.40	97.61	48.10
Bi ppm	0.84	0.50	0.41	0.31

Table 3. Area 2,3,4 and 6 Gridded Soil Sample Percentile Ranges of Pertinent Elements.

	99th %	95th %	90th %	75th %
Ag ppb	15604.20	8909.85	6111.00	2232.75
V ppm	2252.87	1055.15	684.60	295.25
Se ppm	108.75	56.58	40.17	13.60
Zn ppm	2743.78	1036.16	679.77	323.85
P %	1.39649	0.9219	0.5896	0.2625
U ppm	45.10	23.90	16.40	6.38
Cd ppm	58.17	22.41	13.54	4.32
Au ppb	46.97	30.39	21.20	13.00
As ppm	99.80	62.20	42.89	26.10
Sb ppm	61.57	29.75	20.64	8.96
Hg ppb	2266.93	1326.90	928.00	474.75
Sr ppm	488.57	322.20	258.59	138.13
Bi ppm	0.79	0.53	0.44	0.33

Table 4. Area 5 Gridded Soil Samples Percentile Ranges of Pertinent Elements.

	99th %	95th %	90th %	75th %
Au ppb	163.14	51.14	39.64	21.80
As ppm	1379.76	610.60	338.94	62.40
Bi ppm	32.62	15.76	7.20	1.42
Te ppm	2.66	0.88	0.53	0.19
Sb ppm	31.15	8.55	5.59	3.31
W ppm	0.85	0.52	0.40	0.30
Hg ppb	2872.04	990.00	607.60	299.00

Table 5. Area 5 Reconnaissance Soil Samples Percentile Ranges of Pertinent Elements.

	99th %	95th %	90th %	75th %
Ag ppb	2736.75	1324.35	924.70	543.50
Au ppb	46.46	26.19	18.03	9.98
As ppm	170.02	67.90	42.75	20.28
Bi ppm	6.01	1.51	0.71	0.42
Te ppm	0.56	0.28	0.18	0.12
W ppm	0.55	0.40	0.30	0.20
Sb ppm	17.04	8.78	5.63	3.07
Hg ppb	1871.46	814.65	498.00	205.25

5.3.1 Silt Sample Results

Very limited silt sampling occurred during the 1999 field program outside of Area 1 (see Figure 6A). No significant results were attained outside of Area 1. Area 1 results are summarized below.

Area 1

Because of the thorough coverage of pre-1999 drainage silt sampling, only 3 additional silt samples were collected during the 1999 program (see Figure 7C).

Silt sample # 99S1106, collected from a small drainage East of Hook Creek in the far South of the intrusion, returned anomalous Ag (462 ppb), As (775.2 ppm), Sb (32.97 ppm), Bi (2.73 ppm) and Hg (68 ppb). This sample was followed up by several soil lines as well as numerous rock samples. Many of these follow-up samples are anomalous in Au, Ag, Sb, Bi and Hg.

A second silt (# 99S11058), collected from the main drainage flowing North out of the Western part of the monzonite plug (hereafter called the 'Bear Drainage'), returned 128.1 ppb Au, 2,791 ppb Ag, 3,578 ppm As, 29.26 ppm Sb and 29.96 ppm Bi. The third silt sample was collected from the same drainage for verification of the high metal content. These samples were followed up by sampling of talus fines, most of which are anomalous. Rock chip sampling in the drainage area returned highly anomalous results as well. These will be discussed below.

5.3.2 Reconnaissance Soil Sample Results

Main Block

Reconnaissance soil samples were collected over the Main Block during the 1999 field season (see Figure 6A – Sample location map), primarily focussing on gold in silt and silver in silt 1997 data. Silver and gold values returned from these traverses are shown in Figure 6C and 6D, respectively. A limited number of reconnaissance soil samples selected and re-assayed for platinum, palladium and rhodium is shown in Figure 6E.

Area 1

The most consistent correlation with Au in area 1 are Ag, Sb, Bi and Hg. These elements were plotted on the geochemical maps. Arsenic is a sixth abundant element in the area, but is too high throughout the area to be useful for correlation with gold.

Soils and talus fines were sampled following up on previous programs silt samples, as well as the anomalous silt samples from the Bear Creek drainage. The main areas covered are: (1) the Bear drainage, (2) the headwaters of Hook Creek, (3) the forked, South flowing drainage West of Hook Creek and (4) the North flowing drainage West of the Bear prospect.

1) Bear Creek drainage.

Most of the talus fines in the cirque feeding the Bear Creek drainage are anomalous in Au (<259.2 ppb), Ag (<11,157 ppb), As (<5,995 ppm), Cu (<2,371.46 ppm), Sb(<49.15 ppm) and Bi (<51.95 ppm). The source of this anomaly appears to be high grade mineralized quartz veins and alteration zones within the lineaments, as well as some minor skarning at the contact between the monzonite and the sedimentary rocks (see rock chip geochemistry).

2) Hook Creek headwaters.

Four soil/ talus fine sample lines on the Eastern slopes of Hook Creek returned anomalous samples. The total anomaly extends over an area of 400 meters by 250 meters in an area of monzonite with East-West trending lineaments as described above. Values range to 448 ppb Au, 6,712 ppb Ag, 6,444.8 ppm As, 86.93 ppm Sb, 26.32 ppm Bi, 487.63 ppm Cu and 1,305 ppb Hg.

3) Auriferous drainage West of Hook Creek.

A contour soil sample line was sampled around the entire drainage, but no significant gold values were returned. However, results ranged to 1,247 ppb Ag, 139.71 ppm Sb and 1,200.60 ppm Cu, with very high Ba (up to 6,940.8 ppm). The origin of these metals are unknown. No immediate follow up work is recommended in this drainage.

4) North flowing drainage West of the Bear prospect.

Two soil lines on both sides of the drainage returned little gold in soils, but returned high silver and scattered Sb on both sides. Results ranged to 7,002 ppm Ag and 62.14 ppm Sb. No immediate follow-up work is recommended.

An additional, small 200 m by 300 meter soil grid was sampled to geochemically delineate a projected extension of a major anomalous lineament (see Figure 7E). The results helped in locating the lineament, with values up to 19,676 ppb Ag, 70.33 ppm Sb, 1,937 ppb Hg and 99.9 ppb Au (a single anomalous sample). However, except for Ag values, the geochemical signature fades out towards the West within the grid area. The East-West trending anomaly, 300 meters by more than 150 meters is open towards the North and Northeast (downslope). Further sampling towards the open end of the anomaly would be in transported material, and is therefore not recommended.

Soil samples taken selectively on prospecting traverses ranged to 6,374.0 ppb Au, >99,999 ppb (9.11 opt) Ag, 64,214 ppm As, 2,030.55 ppm Sb, 1,829.05 ppm Bi, 10,817.38 ppm Cu and 5484 ppb Hg. Most of these samples were collected from the abovementioned lineaments, usually fault (?) gouge with abundant scorodite staining.

Area 3

Reconnaissance soil samples collected in Area 3 primarily focussed on testing the extent of the silver and gold anomalies within Grid 3.1. A significant number of anomalous silver values occur immediately west of Grid 3.1 and contain values as high as 23.9 g/t Ag in soil (see Figure 6C). Selected samples re-analyzed for PGE's returned elevated platinum, palladium and rhodium to the west of Grid 3.1 (see Figure 6E).

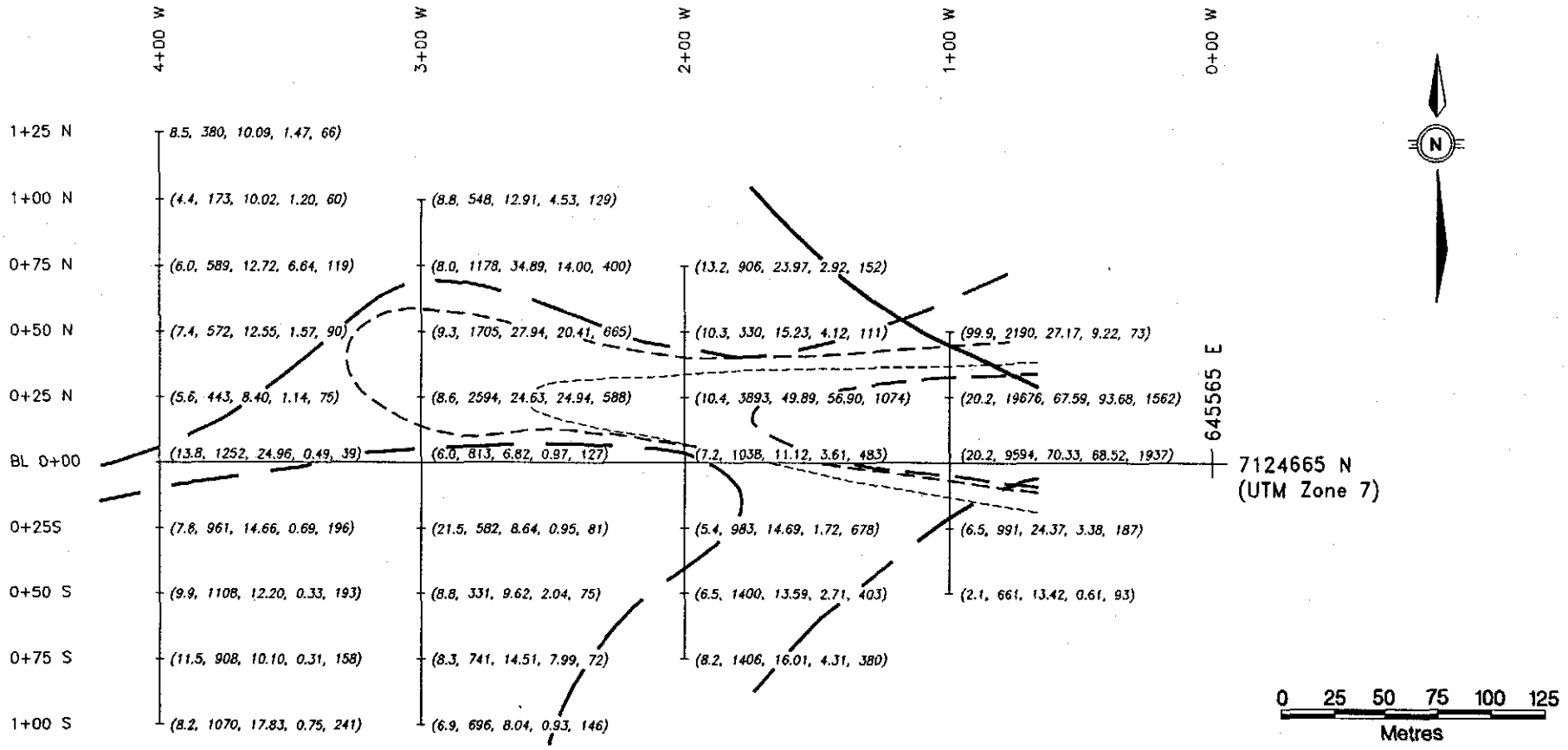
A 400 x 400 metre open-ended Au anomaly is located approximately 1 kilometre west of Grid 3.1 (see Figure 6D) with up to 69.8 ppb Au in soil. Located approximately ½ kilometre NE of Grid 3.4, is a 400 x 700 metre open-ended Au anomaly (see Figure 6D) with up to 65.9 ppb Au in the soil.

Area 4

Reconnaissance soil samples collected 2 and 3 kilometres west of Grid 4 contain anomalous Au values up to 66.5 ppb Au with minor anomalous silver values up to 3.0 ppm Ag (see Figure 6C and 6D). The remainder of Area 4 reconnaissance soils returned sporadic silver and gold values.

Area 5

The majority of reconnaissance soil samples collected in Area 5 returned anomalous Au values. Highest values were attained southeast of Grid 5 with up to 107.9 ppb Au flanked



LEGEND

(8.2, 1070, 17.83, 0.75, 241) Sample results
(Au ppb, As ppm, Sb ppm, Bi ppm, Hg ppb)

- Au contour 42.35 ppb
- Ag contour 1219.5 ppb
- Sb contour 59.836 ppm
- Bi contour 17.36 ppm
- Hg contour 882.6 ppb

LUMINAI DRAFTING LTD. yuk-bearsoil

INTERNATIONAL KODIAK RESOURCES INC.

OKI DOKI PROPERTY
Yukon Territory

AREA 1

BEAR LINEAMENT EXTENSION GRID
SOIL GEOCHEMISTRY

DATE : Mar. 2000	DATA BY : M.P.V.
SCALE : 1 : 2500	FIGURE : 7E

by 45.2 and 90.1 ppb Au (see Figure 6D). Silver values in the area were sporadic (see Figure 6C).

5.3.3 Gridded Soil Sample Results

Grid 3.1

Based on recently recognized anomalous silver, vanadium, zinc and other associated elements (selenium, strontium, uranium, nickel, chromium, etc) in Area 3, work in the area during the 1999 field season focussed on silver-vanadium (Ag-V) exploration, rather than the previously explored for Brewery Creek target. Limited re-assaying of selected soil samples from Area 3 yielded elevated amounts of platinum, palladium and rhodium.

A total of 521 grid soil samples were collected from Grid 3.1. These samples yielded anomalous Ag, V and Zn values (see Figures 8A, 8B, 8C) which occur on the northern portion of the grid and define a multi-element anomaly at least 1 kilometre long and 100-200 metres wide. Limited re-assaying of selected soil samples within Grid 3.1 show elevated platinum, palladium and minor rhodium (see Figures 8D, 8E, 8F).

Reconnaissance soil samples containing anomalous silver, vanadium and elevated PGE's, suggest the multielement anomaly in Grid 3.1 continues for approximately 3.5 kilometres to the west.

Grid 3.2

A total of 86 grid soil samples were collected from Grid 3.2. These samples yielded limited anomalous Ag and V values (see Figure 9A, 9B). Anomalous gold values were encountered on the southeastern and northwestern portions of the grid (see Figure 9C).

Grid 3.3

A total of 62 samples were collected in Grid 3.3. Negligible amounts of Ag and V were returned (see Figure 10A and 10B, respectively). Anomalous gold in soil was encountered in the southern and the northern portion of the grid (see Figure 10C).

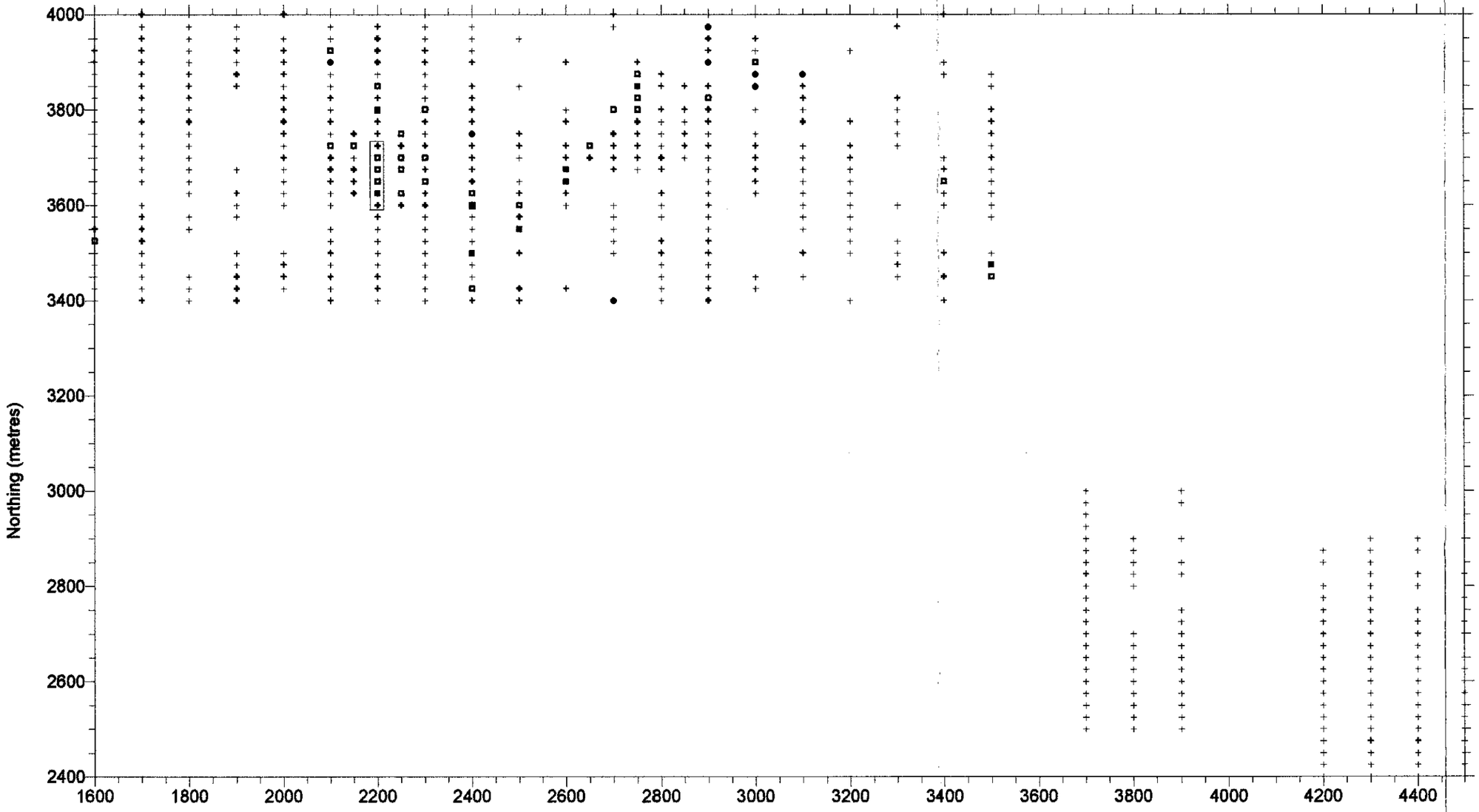
Grid 3.4

A total of 55 samples were collected in Grid 3.4. Anomalous Ag and V values were returned from an area approximately 250 metres long and 50 metres wide (see Figure 11A and 11B, respectively). Selective re-assaying of soil samples yielded elevated platinum, palladium and minor rhodium (see Figure 11C-11E).

Area 4

A total of 158 gridded soil samples were collected from Grid 4. An east-west gold anomaly, approximately 1000 metres long and 50-100 metres wide, occurs on the southern portion of the grid (see Figure 12A).

Grid 3.1 - Silver in soil
1999 Geochemistry



Ag (ppb) / Percentile

- 15604.20 (99th percentile)
- 8909.85 (95th percentile)
- 6111.00 (90th percentile)
- 2232.75 (75th percentile)
- 0 - 2232.75
- 1999 Trench (see Figure 8G)

(Note: sample number is denoted as "easting, northing")

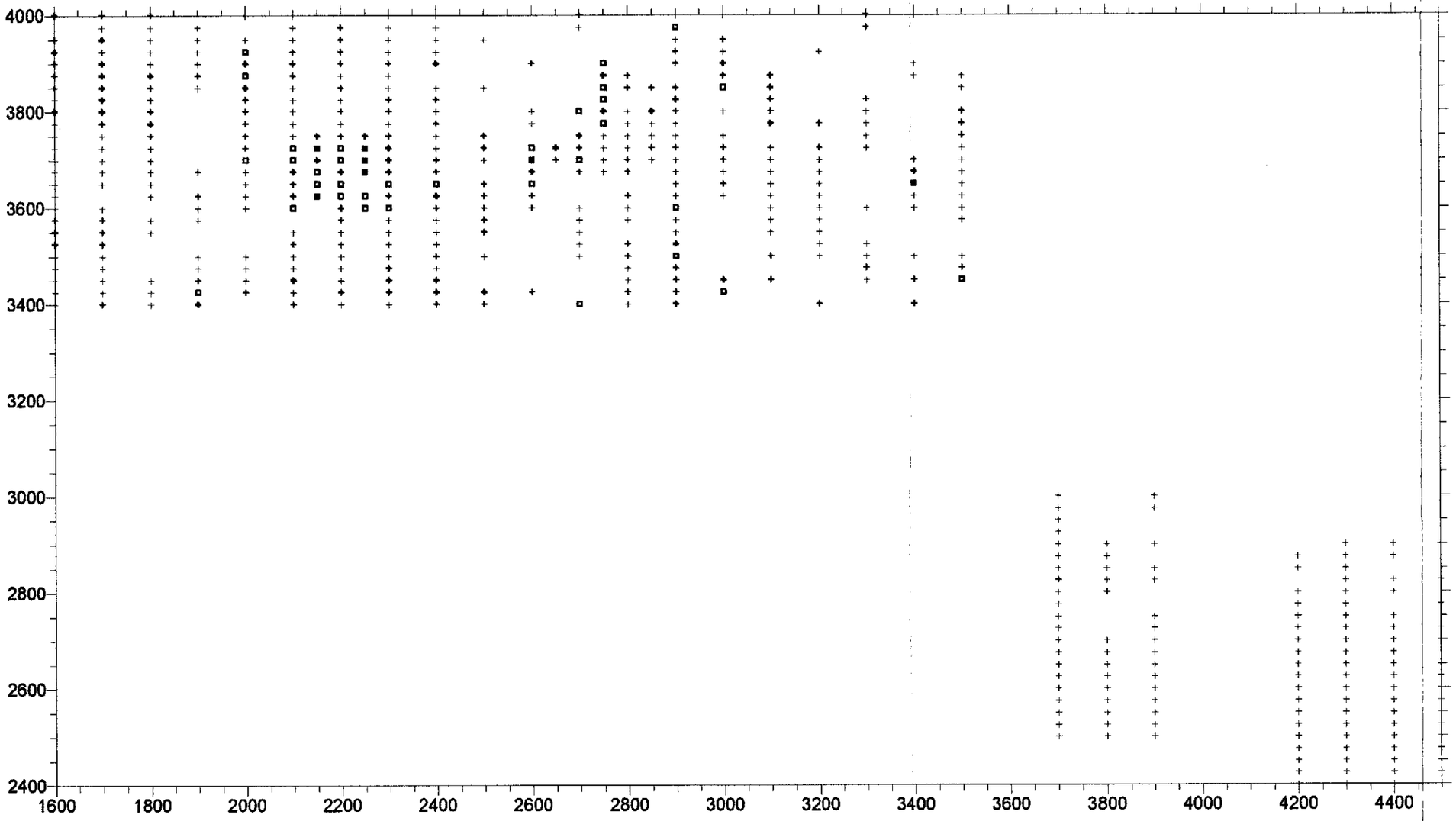
Scale
1:10,000

0 200 400 600 800

(Metres)

Figure 8A

Grid 3.1 - Vanadium in soil
1999 Geochemistry



V (ppm) / Percentile

- ■ 2252.87 (99th percentile)
- ◘ 1055.15 (95th percentile)
- ✚ 684.60 (90th percentile)
- \+ 295.25 (75th percentile)
- \+ 0 - 295.25

Scale
1:10,000

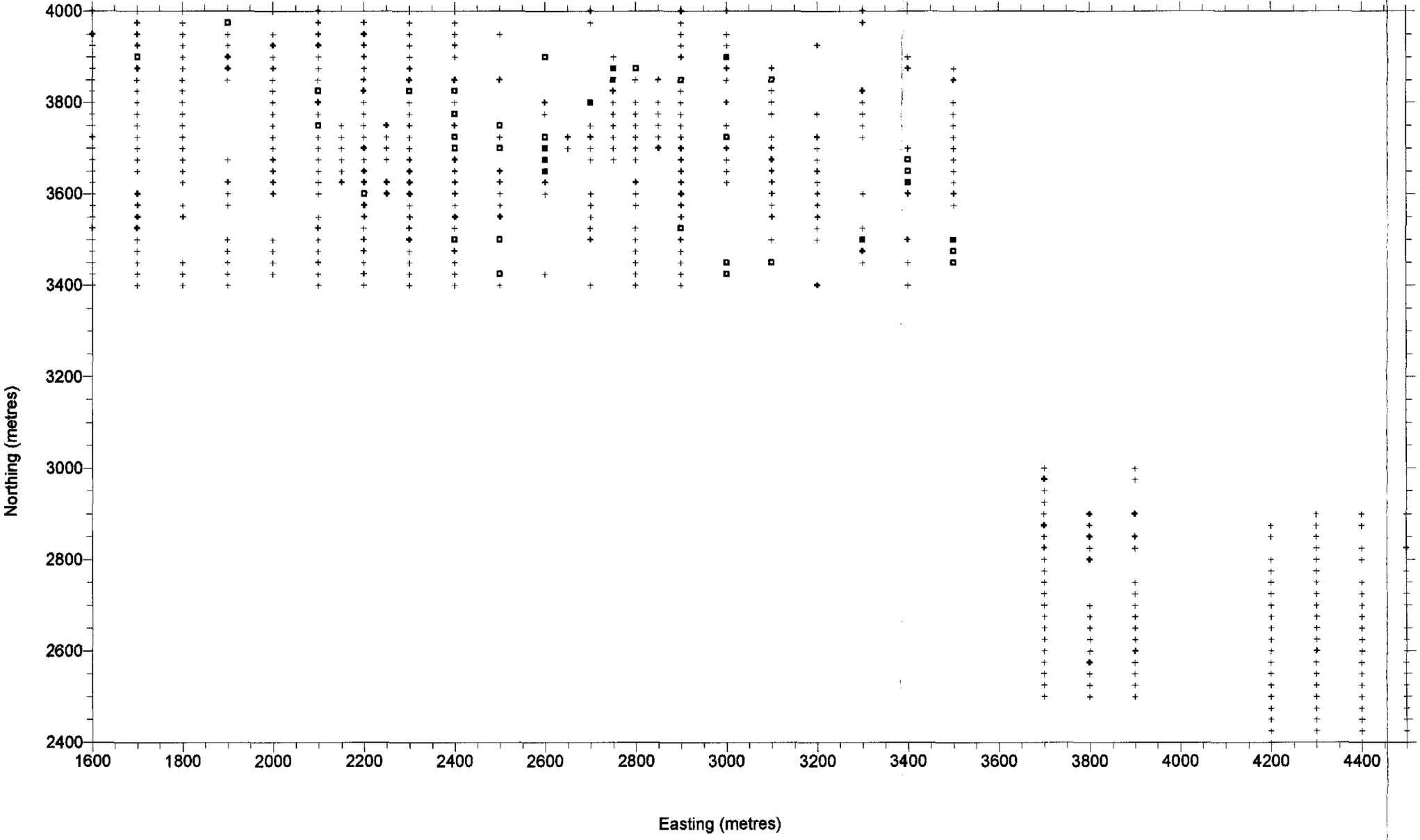
0 200 400 600 800

(Metres)

(Note: sample number is denoted as "easting, northing")

Figure 8B

Grid 3.1 - Zinc in soil
1999 Geochemistry



Zn (ppm) / Percentile

- 2743.78 (99th percentile)
- 1036.16 (95th percentile)
- 1036.16 (90th percentile)
- 323.85 (75th percentile)
- 0 - 323.85

(Note: sample number is denoted as "Easting, Northing")

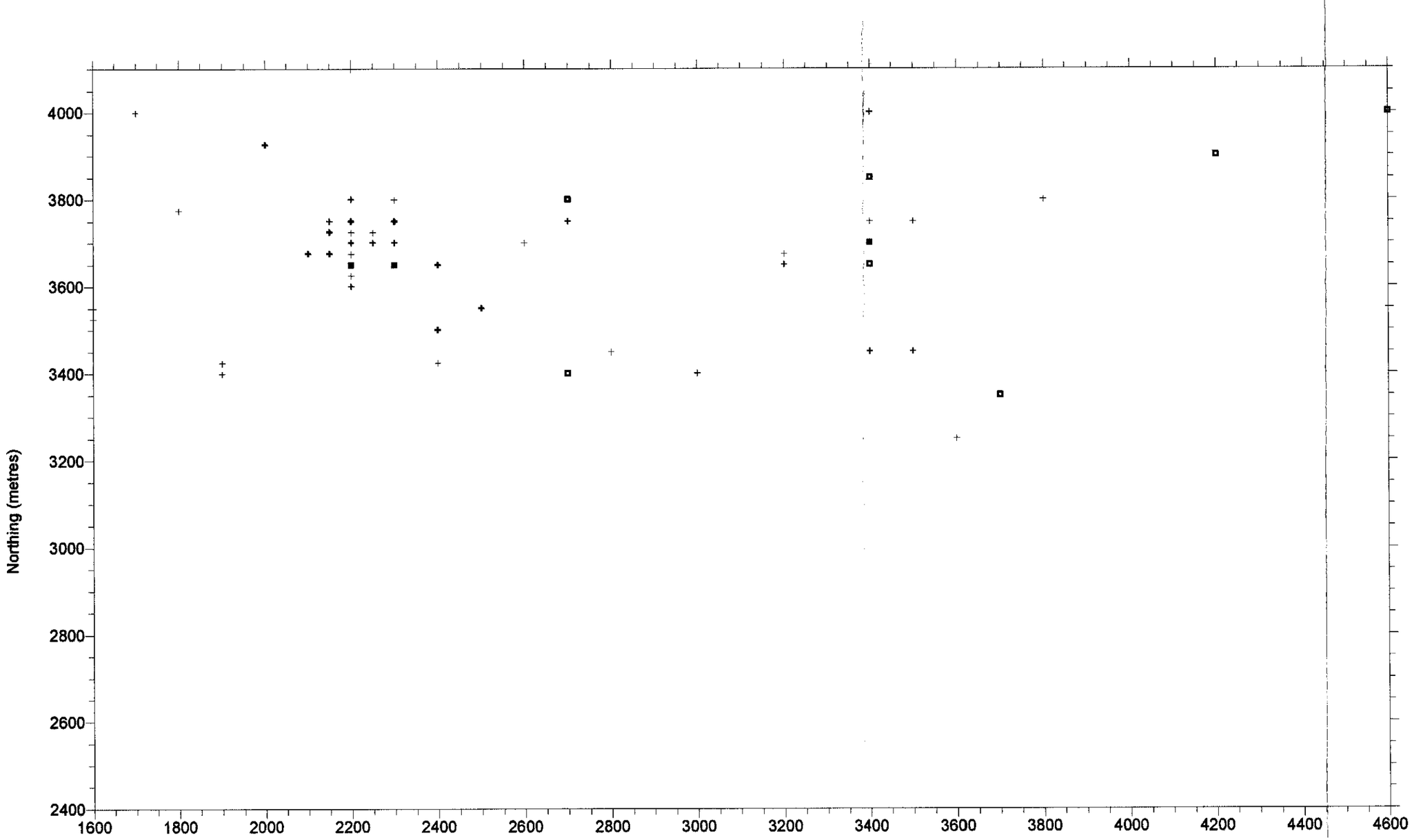
Scale
1:10,000

0 200 400 600 800

(Metres)

Figure 8C

Grid 3.1 - Platinum in soil 1998 & 1999 Re-Analyzed Samples



Pt (ppb)

- 12-15 ppb
- 9-12 ppb
- 6-9 ppb
- 3-6 ppb
- 0-3 ppb

(Note: sample number is denoted as 'Easting, Northing')

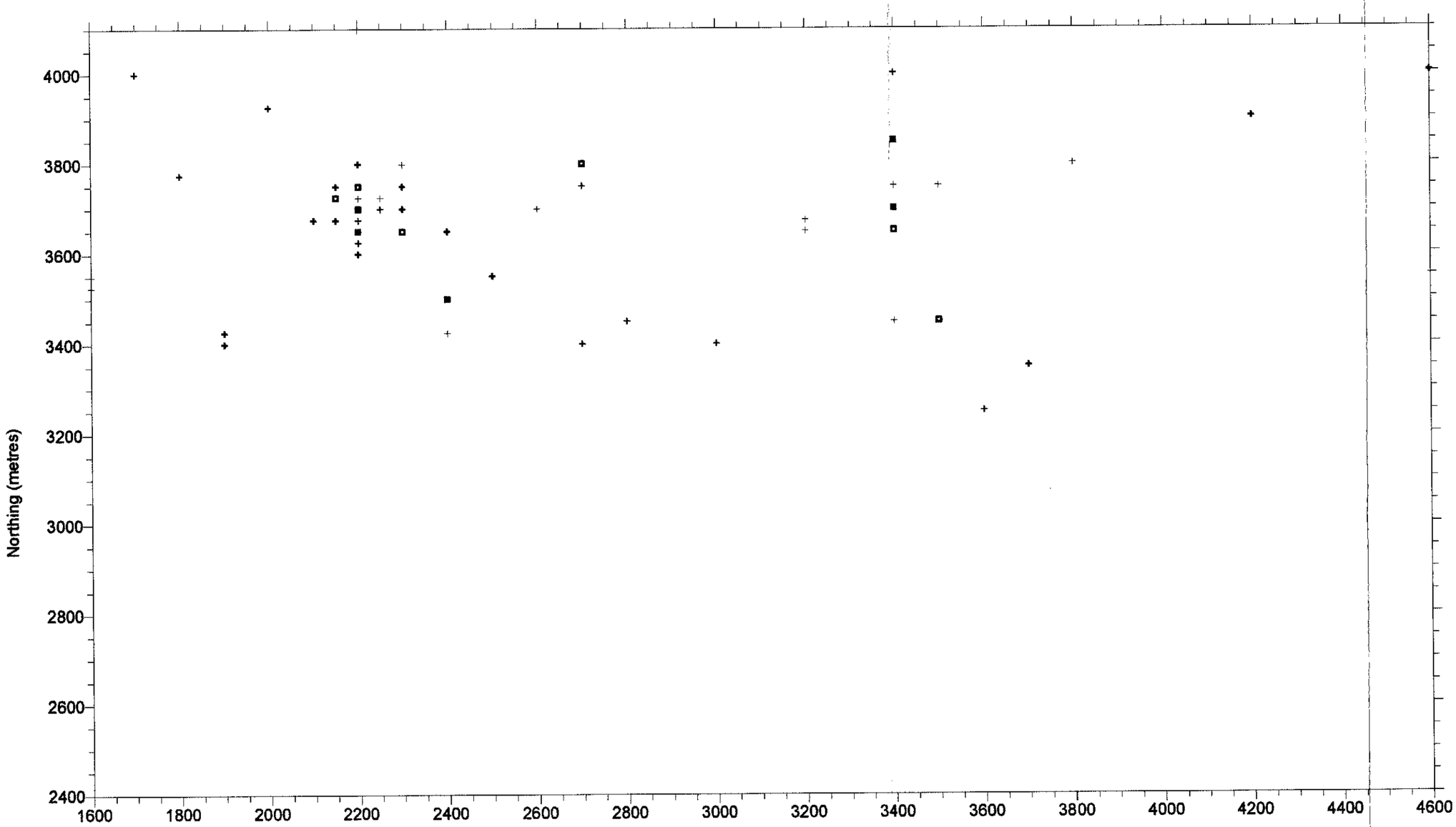
Scale
1:10,000

0 200 400 600 800

(Metres)

Figure 8D

Grid 3.1 - Palladium in soil 1998 & 1999 Re-Analyzed Samples



Pd (ppb)

- 40-55 ppb
- 30-40 ppb
- 20-30 ppb
- 10-20 ppb
- 0-10 ppb

Scale
1:10,000

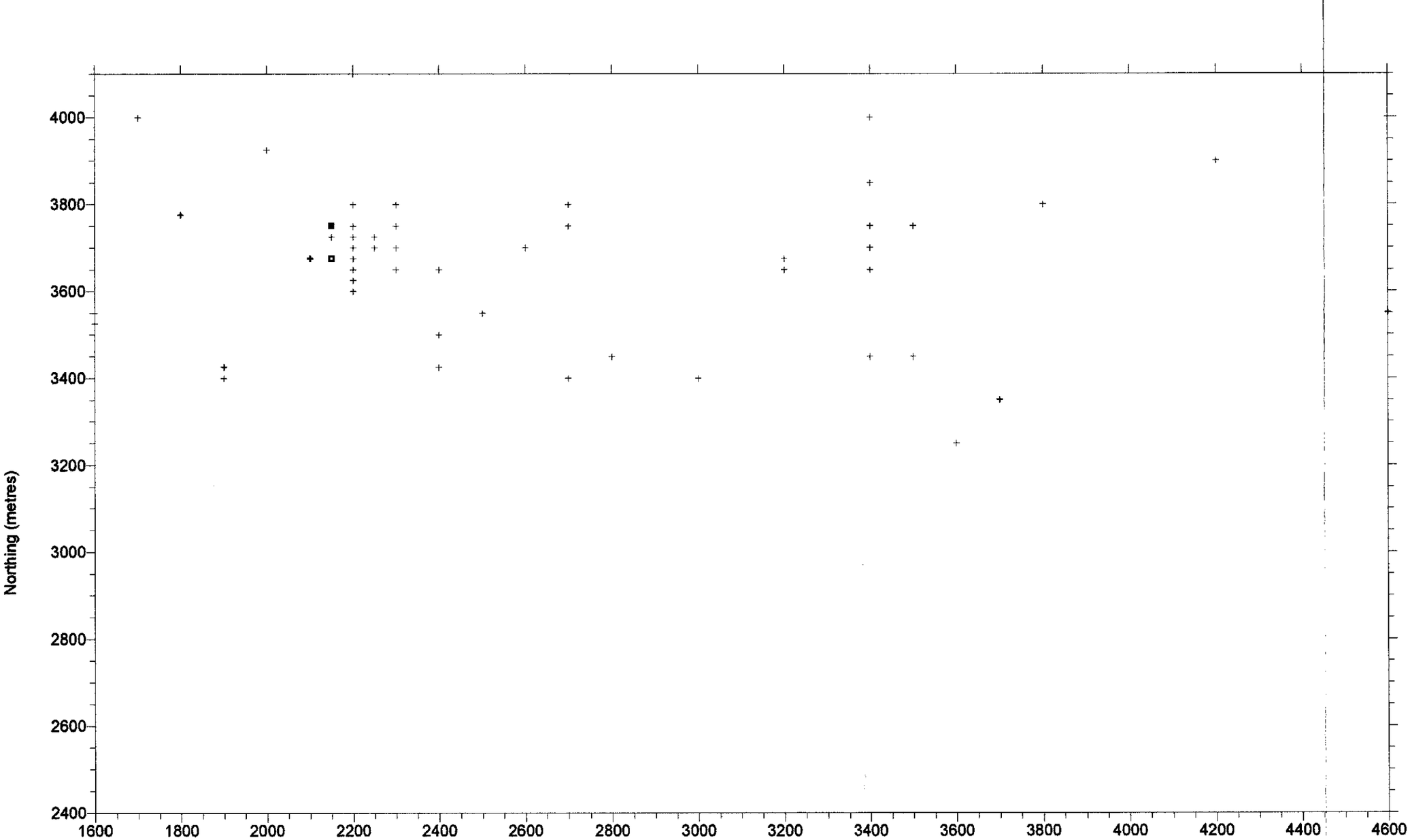
0 200 400 600 800

(Metres)

(Note: sample number is denoted as 'Easting, Northing')

Figure 8E

Grid 3.1 - Rhodium in soil 1998 & 1999 Re-Analyzed Samples



Rh (ppb)

- 6.4-8.0 ppb
- 4.8-6.4 ppb
- 3.2-4.8 ppb
- 1.6-3.2 ppb
- 0-1.6 ppb

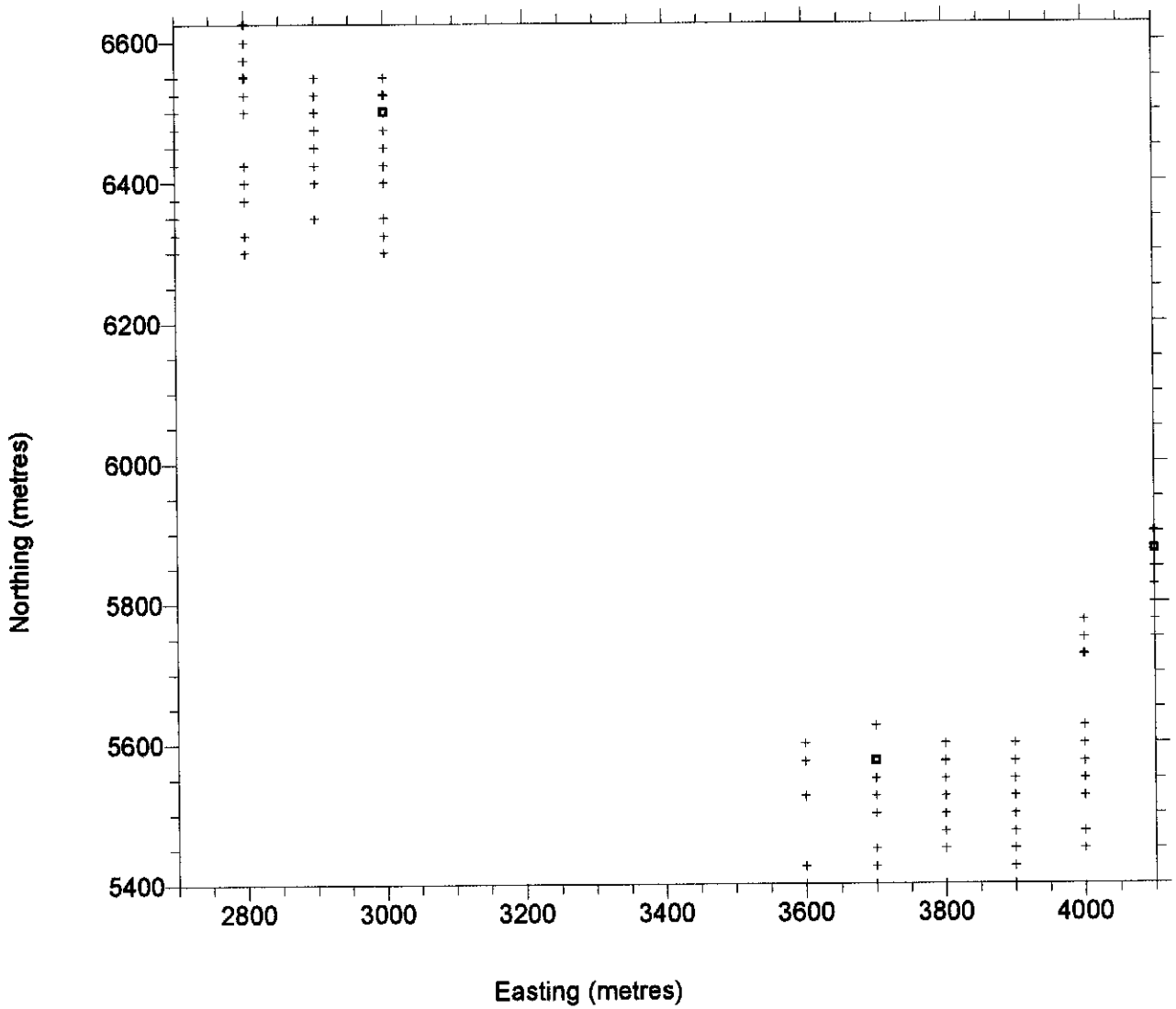
(Note: sample number is denoted as 'Easting, Northing')

Scale
1:10,000

0 200 400 600 800
(Metres)

Figure 8F

Grid 3.2 - Silver in soil
1999 Geochemistry



Ag (ppb) / Percentile

15604.20 (99th percentile)

8909.85 (95th percentile)

6111.00 (90th percentile)

2232.75 (75th percentile)

0 - 2232.75

(Note: sample number denoted as 'Easting, Northing')

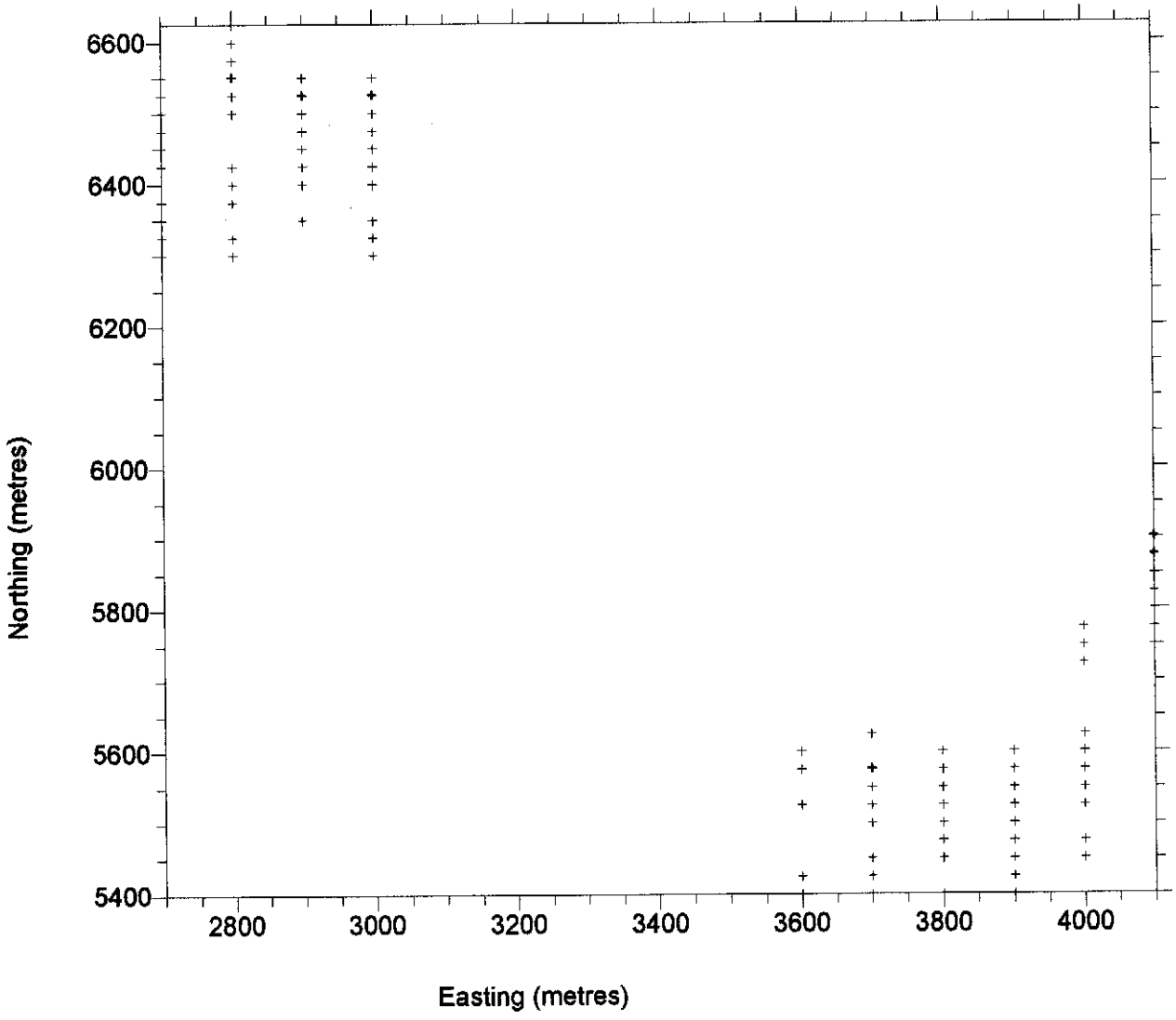
Scale
1:10,000

0 100 200 300 400

(Metres)

Figure 9A

Grid 3.2 - Vanadium in soil
1999 Geochemistry



V (ppm) / Percentile

- 2252.87 (99th percentile)
- 1055.15 (95th percentile)
- 684.60 (90th percentile)
- 295.25 (75th percentile)
- 0-295.25

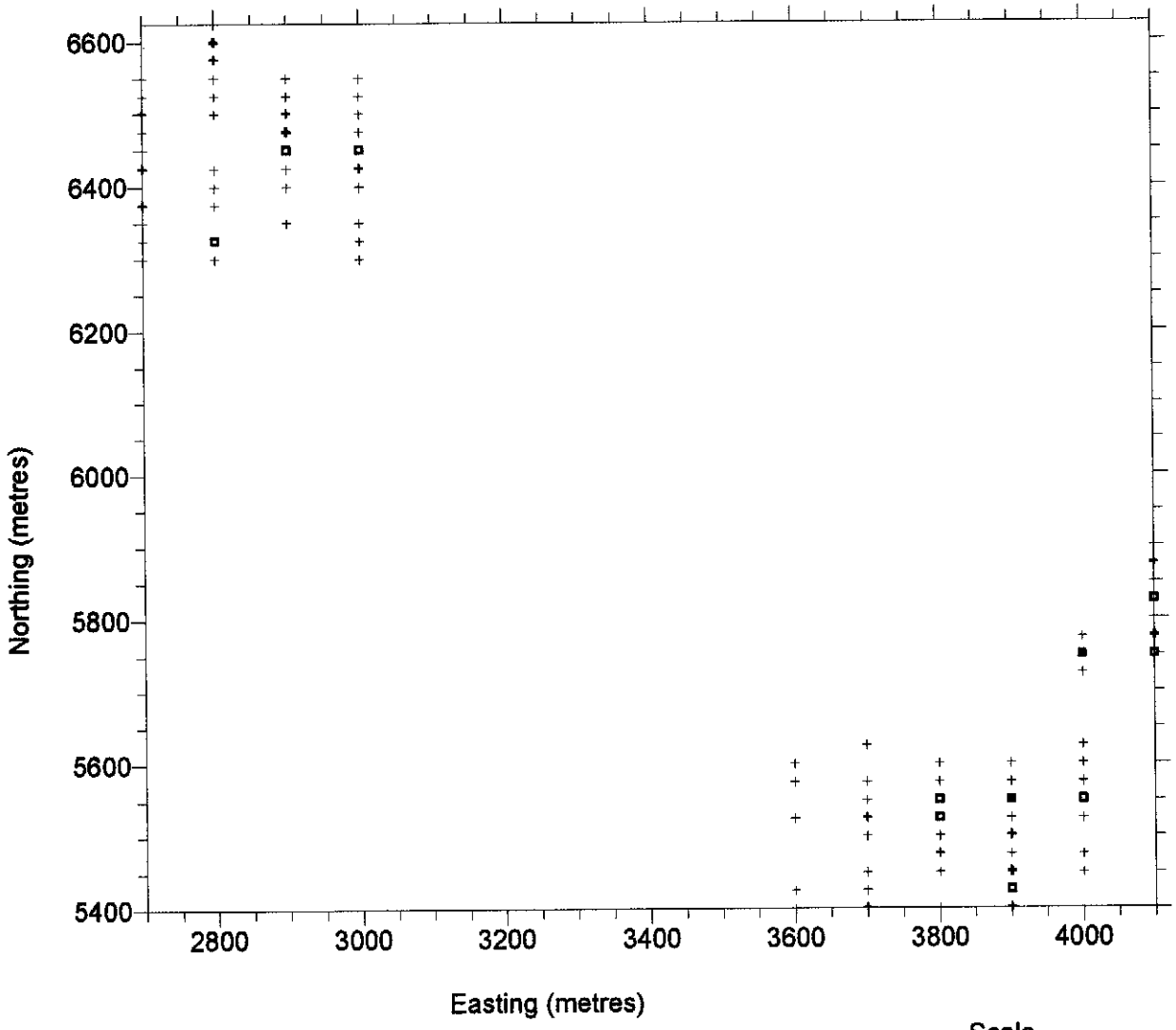
(Note: sample number denoted as 'Easting, Northing')

Scale
1:10,000

0 100 200 300 400
(Metres)

Figure 9B

Grid 3.2 - Gold in soil
1999 Geochemistry



(Note: sample number denoted as 'Easting, Northing')

Scale
1:10,000

0 100 200 300 400

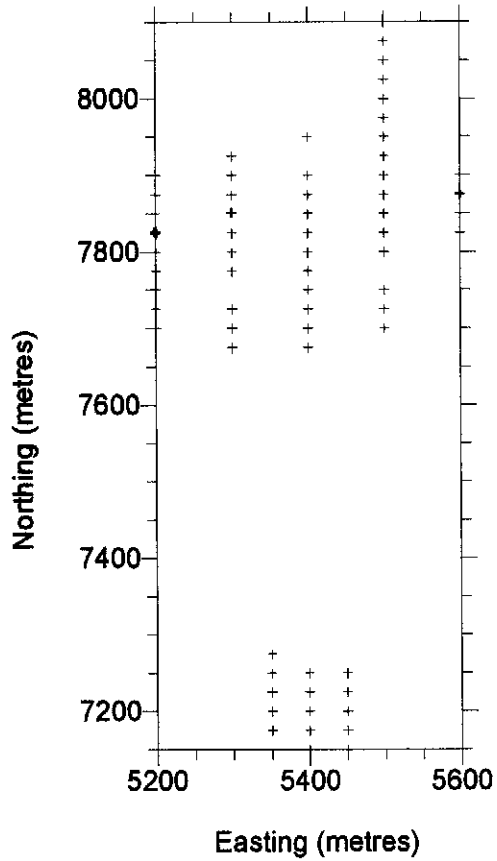
(Metres)

Au (ppb) / Percentile

- 46.98 (99th percentile)
- 30.39 (95th percentile)
- 21.20 (90th percentile)
- 13.00 (75th percentile)
- 0-13

Figure 9C

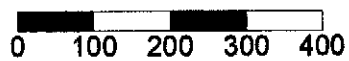
Grid 3.3 - Silver in soil
1999 Geochemistry



Ag (ppb) / Percentile

- 15604.20 (99th percentile)
- 8909.85 (95th percentile)
- 6111.00 (90th percentile)
- 2232.75 (75th percentile)
- 0 - 2232.75

Scale
1:10,000

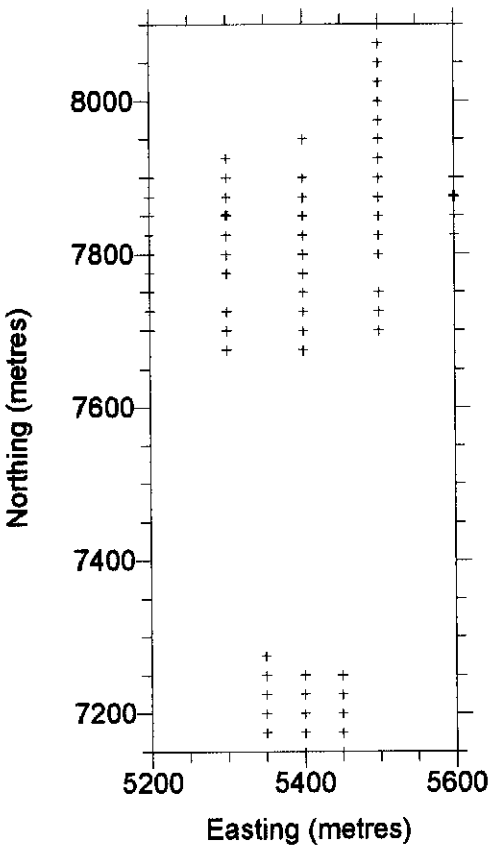


(Metres)

(Note: sample number denote as 'Easting, Northing')

Figure 10A

Grid 3.3 - Vanadium in soil
1999 Geochemistry



V (ppm) / Percentile

- ■ 2252.87 (99th percentile)
- ◘ 1055.15 (95th percentile)
- ✚ 684.60 (90th percentile)
- \+ 295.25 (75th percentile)
- \+ 0 - 295.25

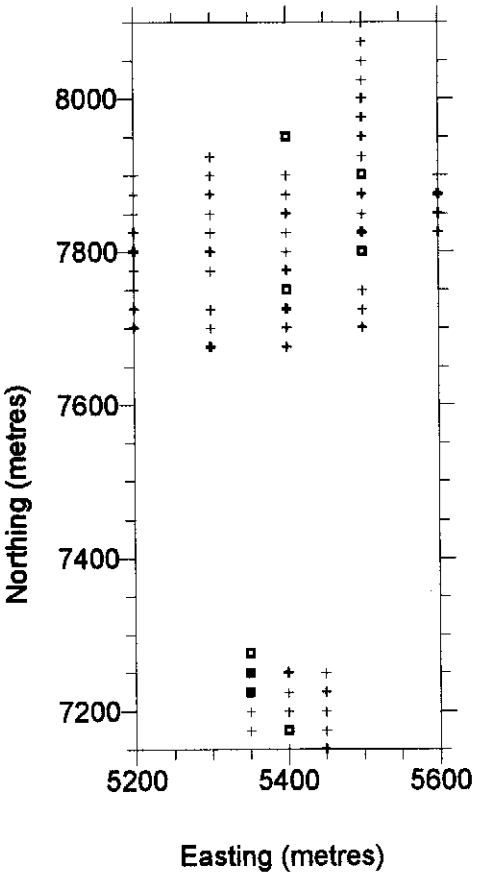
(Note: sample number denoted as 'Easting, Northing')

Scale
1:10,000

0 100 200 300 400
(Metres)

Figure: 10B

Grid 3.3 - Gold in soil
1999 Geochemistry



Au (ppb) / Percentile

■	2252.87 (99th percentile)
□	1055.15 (95th percentile)
✚	684.60 (90th percentile)
+	295.25 (75th percentile)
+	0 - 295.25

(Note: sample number is denoted as 'Easting, Northing')

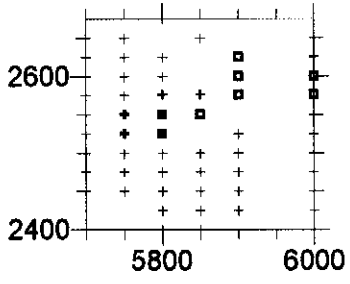
Scale
1:10,000

0 100 200 300 400

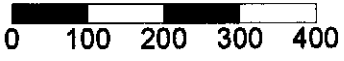
(Metres)

Figure 10C

Grid 3.4 - Silver in soil
1999 Geochemistry



Scale
1:10,000



(Metres)

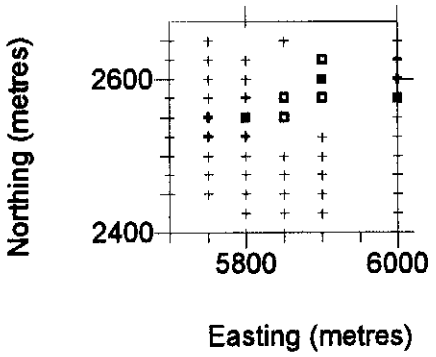
Ag (ppb) / Percentile

- ■ 15604.20 (99th percentile)
- ◘ 8909.85 (95th percentile)
- ✚ 6111.00 (90th percentile)
- \+ 2232.75 (75th percentile)
- \+ 0-2232.75

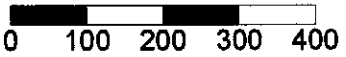
(Note: sample number denoted as 'Easting, Northing')

Figure 11A

Grid 3.4 - Vanadium in soil
1999 Geochemistry



Scale
1:10,000



(Metres)

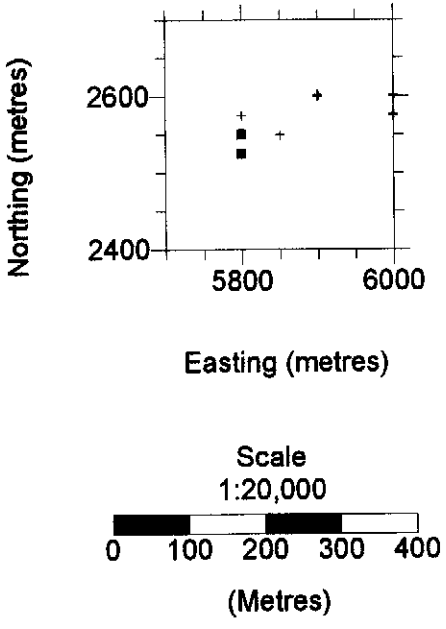
(Note: sample number denoted as 'Easting, Northing')

V (ppm) / Percentile

- ■ 2252.87 (99th percentile)
- ◘ 1055.15 (95th percentile)
- ✚ 684.60 (90th percentile)
- \+ 295.25 (75th percentile)
- \+ 0-295.25

Figure 11B

Grid 3.4 - Platinum
1998 & 1999 Re-Analyzed Samples



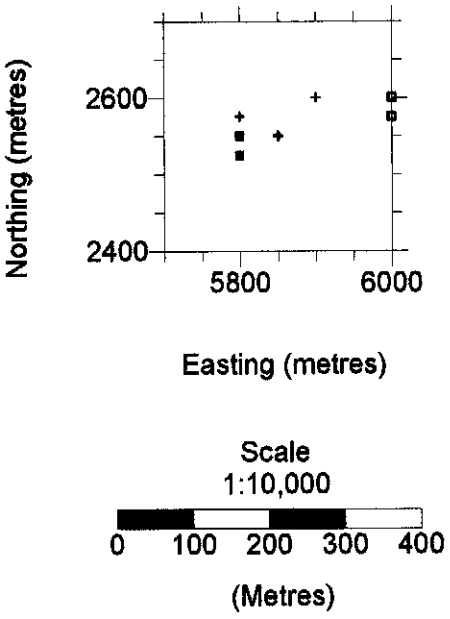
(Note: sample number is denoted as 'Easting, Northing')

Pt (ppb)

- ■ 12-16 ppb
- ◘ 9-12 ppb
- ✚ 6-9 ppb
- \+ 3-6 ppb
- \+ 0-3 ppb

Figure 11C

Grid 3.4 - Palladium in soil 1998 & 1999 Re-Analyzed Samples



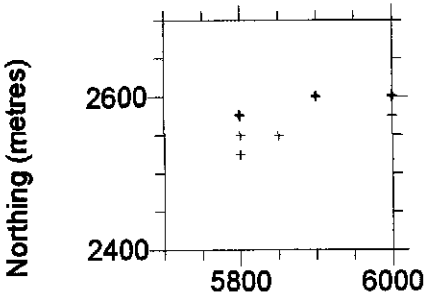
(Note: sample number is denoted as 'Easting, Northing')

Pd (ppb)

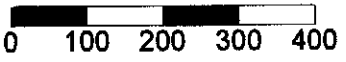
- ■ 40-62 ppb
- □ 30-40 ppb
- ✚ 20-30 ppb
- \+ 10-20 ppb
- \+ 0-10 ppb

Figure 11D

Grid 3.4 - Rhodium in soil 1998 & 1999 Re-Analyzed Samples



Scale
1:10,000



(Metres)

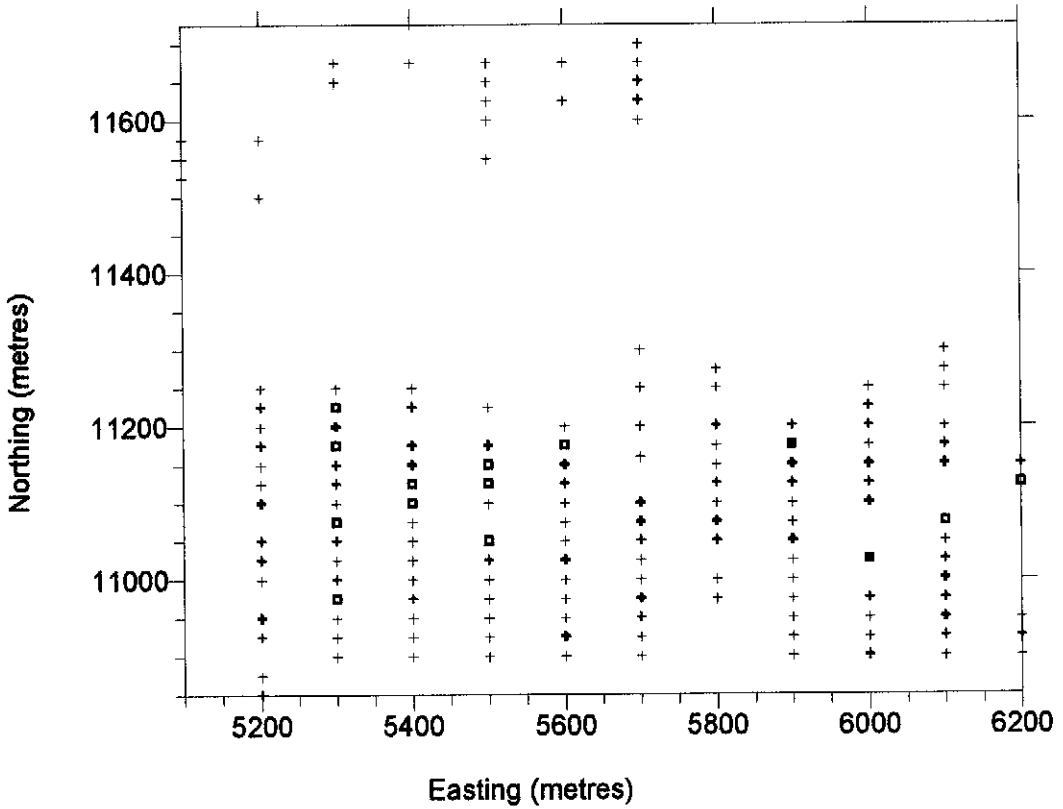
(Note: sample number is denoted as 'Easting, Northing')

Rh (ppb)

- ■ 6.4-8.0 ppb
- ◘ 4.8-6.4 ppb
- ✚ 3.2-4.8 ppb
- \+ 1.6-3.2 ppb
- \+ 0-1.6 ppb

Figure 11E

Grid 4 - Gold in soil
1999 Geochemistry



Au (ppb) / Percentile

- 46.98 (99th percentile)
- 30.39 (95th percentile)
- 21.20 (90th percentile)
- 13.00 (75th percentile)
- 0-13

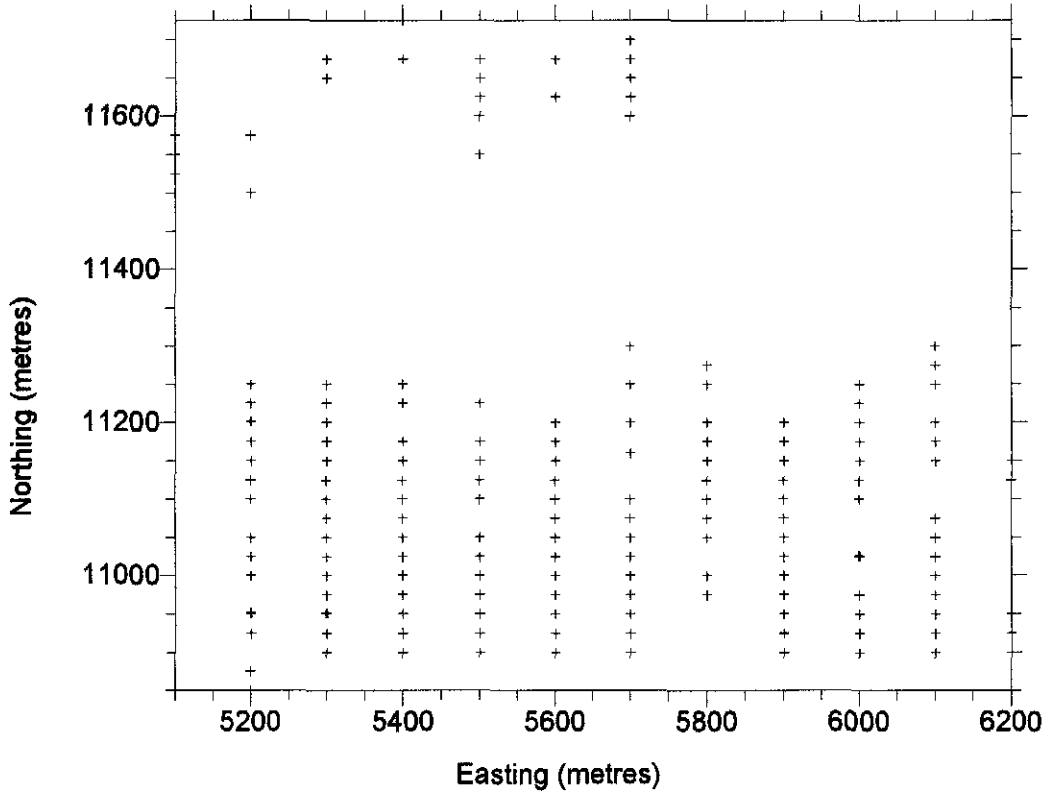
(Note: sample number denoted as 'Easting, Northing')

Scale
1:10,000

0 100 200 300 400
(Metres)

Figure 12A

Grid 4 - Silver in soil
1999 Geochemistry



Au (ppb) / Percentile

- 15604.20 (99th percentile)
- 8909.85 (95th percentile)
- 6111.00 (90th percentile)
- 2232.75 (75th percentile)
- 0-2232.75

(Note: sample number denoted as 'Easting, Northing')

Scale
1:10,000

0 100 200 300 400

(Metres)

Figure 12B

Area 5

A 700 x 1000 metre grid was soil sampled in Area 5, at 25 metre spacing (see Figure 13A, in pocket). A significant proportion of the sampling encountered permafrost, talus, and thick loess accumulations, resulting in 'holes' in the grid. Despite these problems, a large Gold-Arsenic-Bismuth-Tellurium-Tungsten (Au-As-Bi-Te-W) anomaly was identified on the southeastern portion of the grid (see Figures 13B-13F). Antimony and mercury were also identified, however, primarily located on the northwestern portion of the grid (see Figure 13G, 13H). Follow-up pits were dug at localities of highest gold response (see Figure 13A). These soil samples yielded up to 564 ppb Au, 2100 ppm As, 98.46 ppm Bi, 6.55 ppm Te and 2.40 ppm W.

The anomaly is underlain by a bioitite monzonite stock that intrudes siltstone and chert metasedimentary units (see Figure 13A). Arsenopyrite was observed at one locality within the anomaly (see Figure 13A).

5.3.4 Rock Sample Results

Area 1

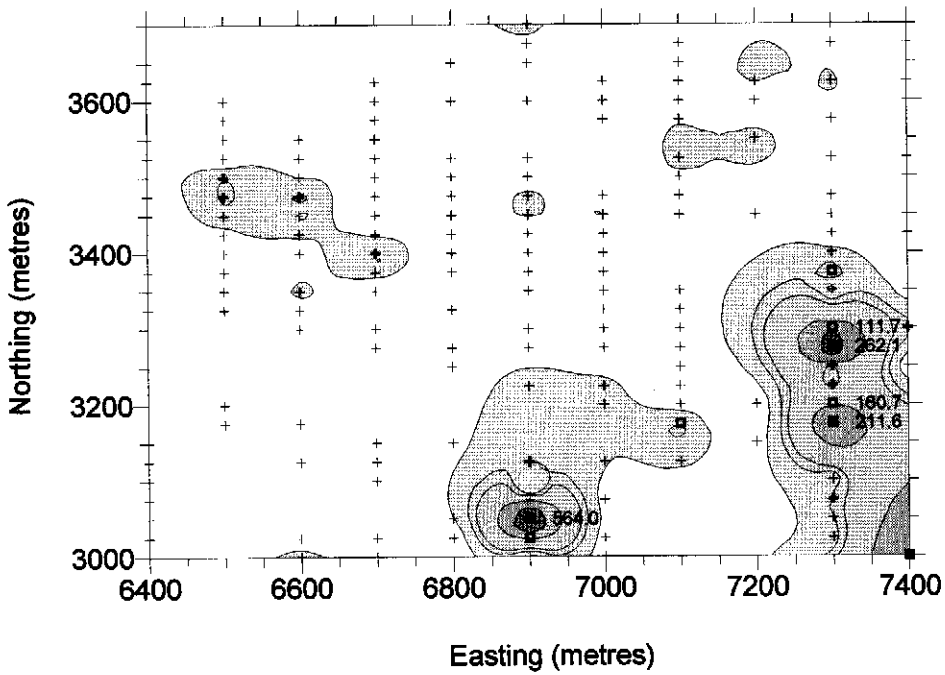
Significant results for rock samples came from two basic sources: (1) the auriferous monzonite in the vicinity of the Cirque Lake showing trenches (see Figure 7D), and (2) the lineaments/carbonate alteration/ shear zones. As rock chip samples were mostly collected selectively rather than systematically, anomalous thresholds were selected more arbitrarily by comparing the relevant elements with rocks elsewhere in the region, rather than by statistical analysis. These thresholds were determined as follows:

Au: 100 ppb, Ag: 1000 ppb, Sb: 30 ppm, Bi: 3 ppm, Hg: 250 ppb.

1) Continuous rock chip sampling was originally focused around the Cirque Lake trenches, in order to delineate the extent of the auriferous monzonite (the 1998 program indicated 502 ppb (0.5 g/t) Au over 18 meters). A continuous length of 40 metres (includes 5 m of talus) returned values from 120.8 to 583.9 ppb Au, averaging 340 ppb Au over the 40 meters. The trend of the anomaly is Southwesterly from the trenches. Further rock chip sampling yielded less continuous and lower values, however, anomalous samples were returned from monzonite up to 90 meters away from the trenches, where the auriferous trend merges with the most prominent of the lineaments.

2) Numerous lineaments, have been sampled either systematically or selected samples, all of them returning high Au, Ag, As, Sb, Bi +/- Cu +/- Zn +/- Pb. Best results were returned for samples taken from quartz veins mineralized with fine grained arsenopyrite and abundant scorodite at the margins of, and just outside of the lineaments (up to 14,387.5 ppb Au, 9.11 opt Ag, >99,999 ppm As, 51,407.18 ppm Cu, 2,313.81 ppm Sb, 4,311.98 ppm Bi, 6335 ppb Hg and 2038.4 ppm W). These veins ranged to 60 cm width. Similar veins in the Bear prospect trenches returned up to 3.674 oz/t Au in grab

Grid 5 - Gold in soil
1999 Geochemistry



Au (ppb)

163.14	■	(99th percentile)
100.00		
51.14	□	(95th percentile)
39.64	+	(90th percentile)
21.80	+	(75th percentile)
0.00	+	

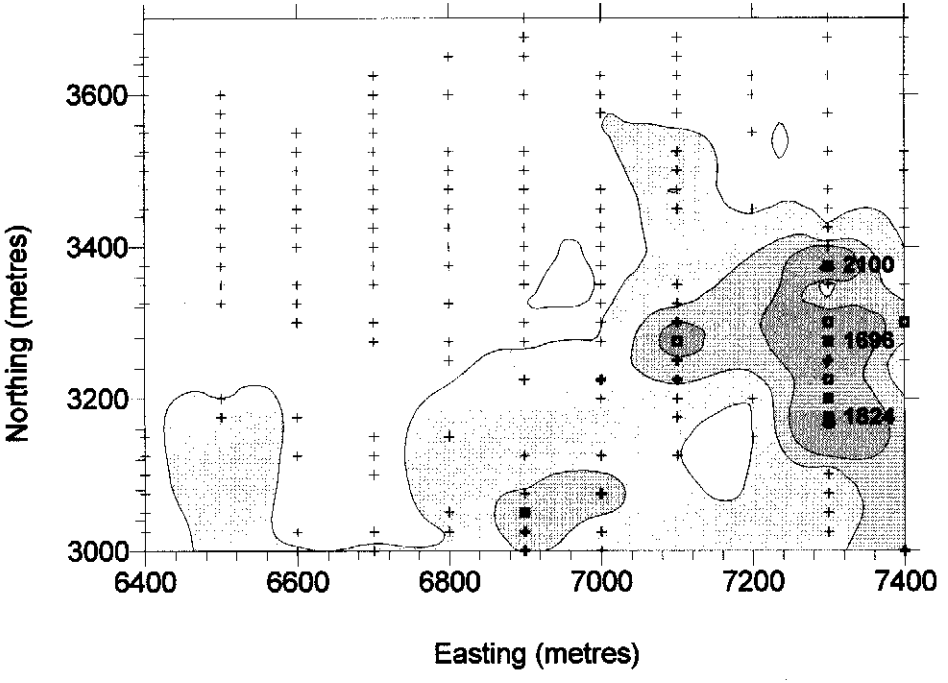
(Note: sample number denoted as 'Easting, Northing')

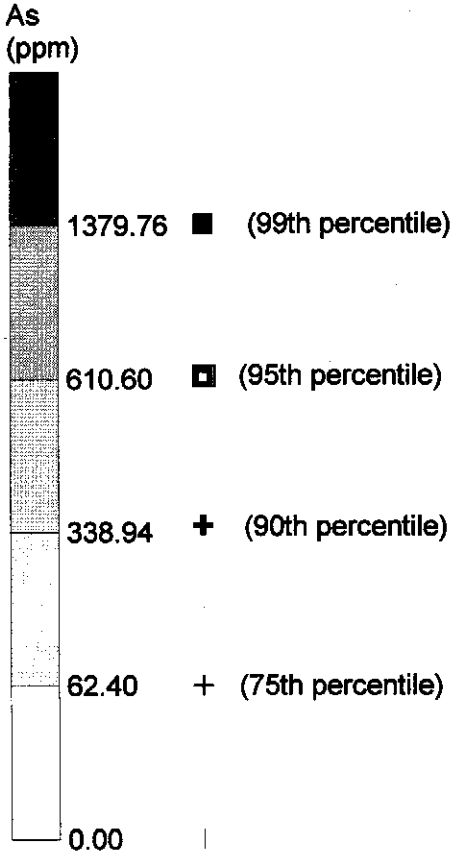
Scale
1:10,000

0 100 200 300 400
(Metres)

Figure 13B

Grid 5 - Arsenic in soil
1999 Geochemistry





(Note: sample number is denoted as 'Easting, Northing')

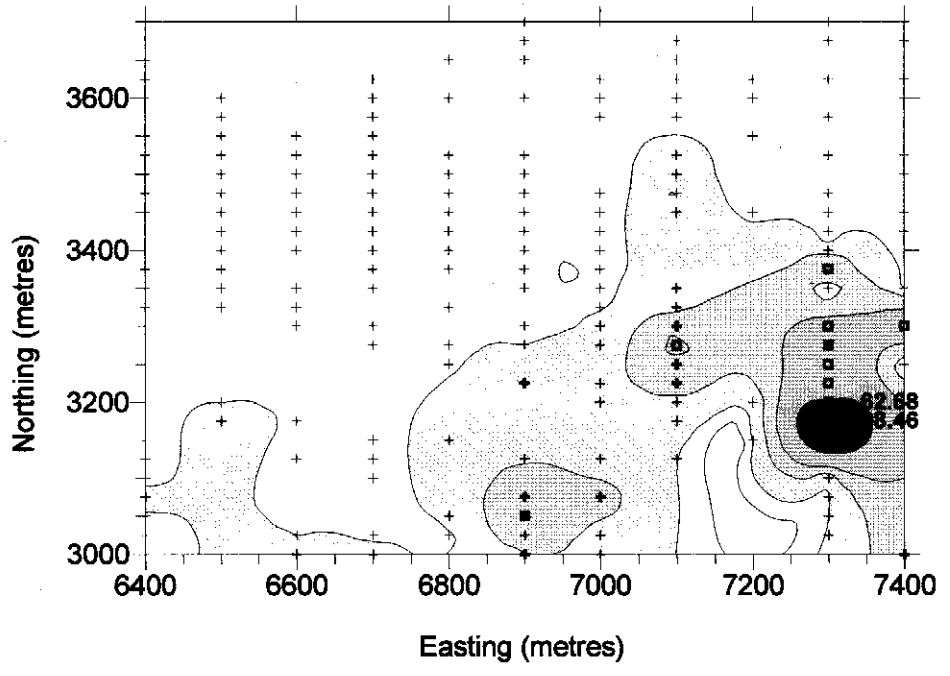
Scale
1:10,000

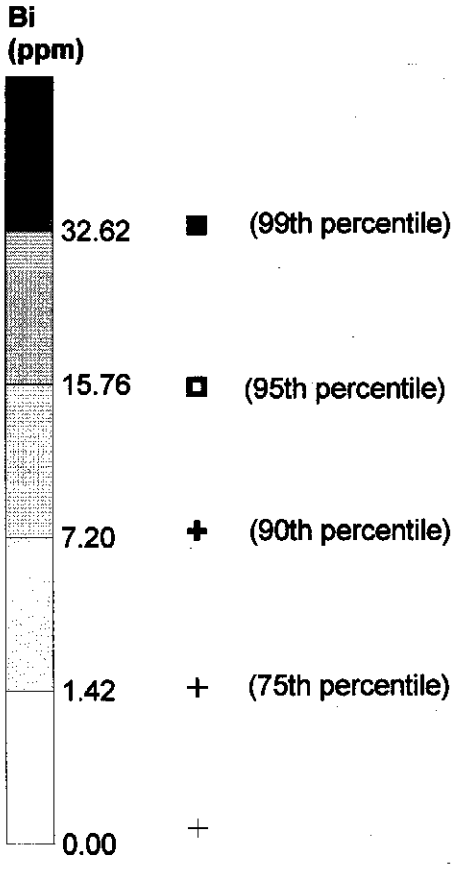
0 100 200 300 400

(Metres)

Figure 13C

Grid 5 - Bismuth in soil
1999 Geochemistry





(Note: sample number is denoted as 'Easting, Northing')

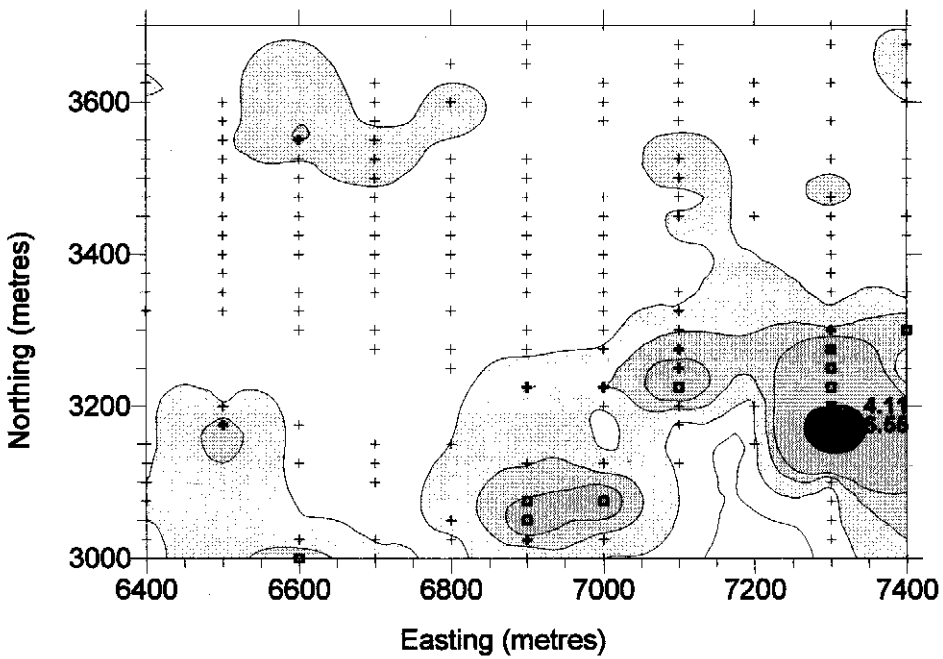
Scale
1:10,000

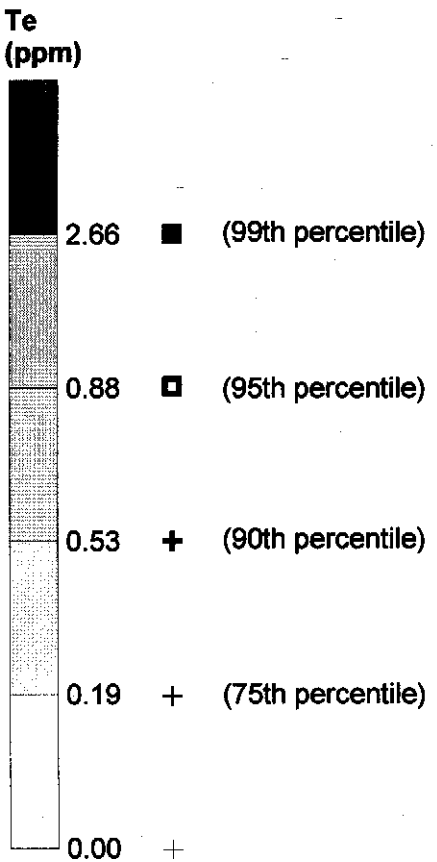
0 100 200 300 400

(Metres)

Figure 13D

Grid 5 - Tellurium in soil
1999 Geochemistry





(Note: sample number denoted as 'Easting, Northing')

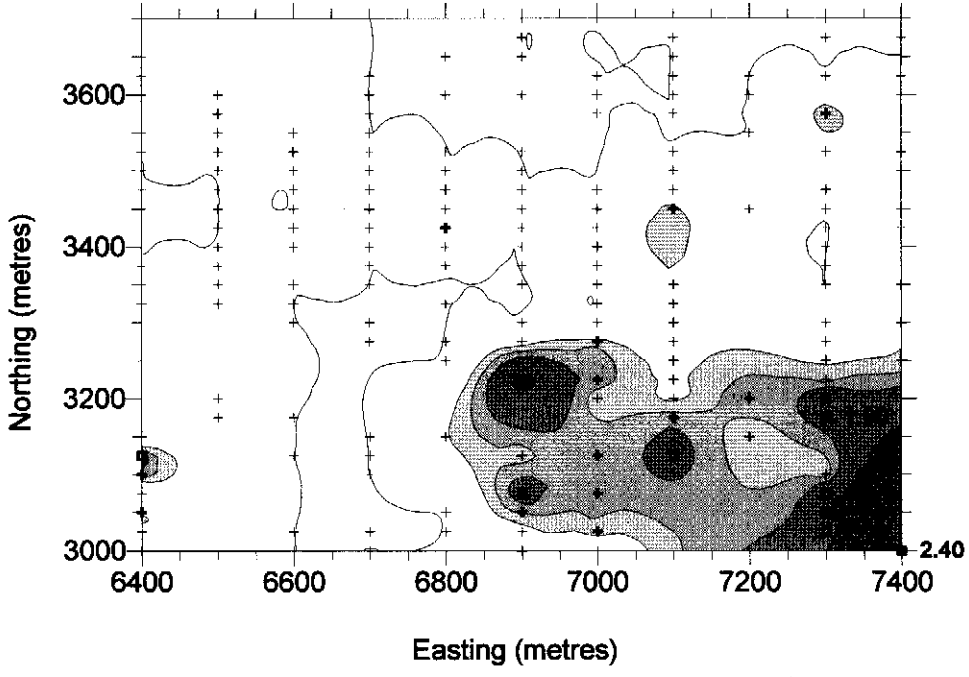
Scale
1:10,000

0 100 200 300 400

(Metres)

Figure 13E

Grid 5 - Tungsten in soil
1999 Geochemistry



W (ppm)

0.85	■	(99th percentile)
0.52	□	(95th percentile)
0.40	+	(90th percentile)
0.30	+	(75th percentile)
0.00	+	

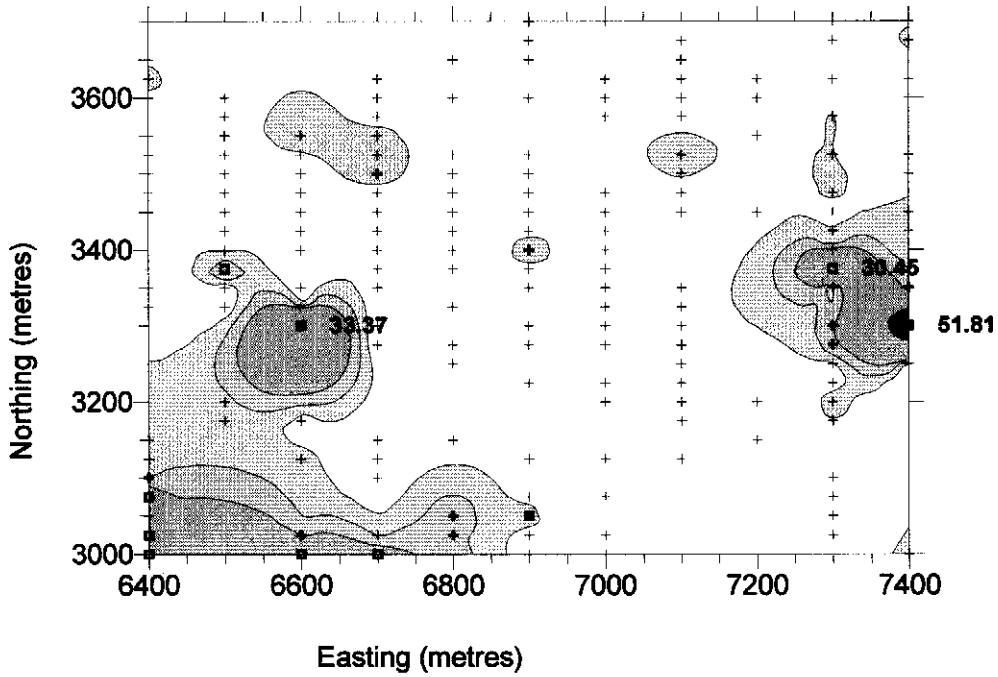
(Note: sample numbers denoted as 'Easting, Northing')

Scale
1:10,000

0 100 200 300 400
(Metres)

Figure 13F

Grid 5 - Antimony in soil
1999 Geochemistry



(Note: sample number denoted as 'Easting, Northing')

Scale
1:10,000

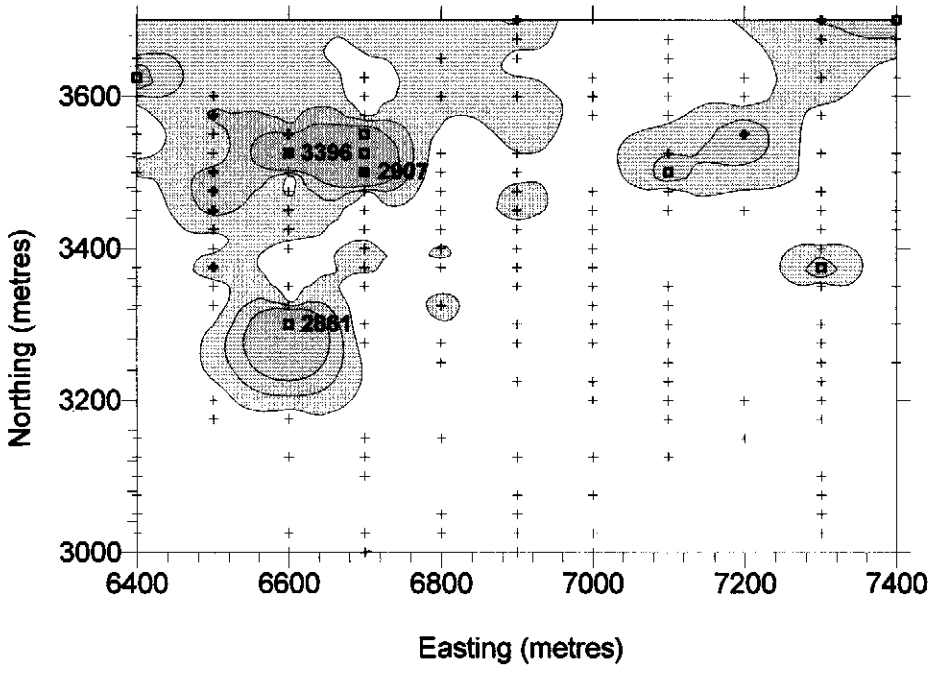
0 100 200 300 400
(Metres)

Sb (ppm)

31.15	■	(99th percentile)
8.55	□	(95th percentile)
5.59	+	(90th percentile)
3.31	+	(75th percentile)
0.00	+	

Figure 13G

Grid 5 - Mercury in soil
1999 Geochemistry



Hg (ppb)

2872.04	■	(99th percentile)
990.00	□	(95th percentile)
607.60	+	(90th percentile)
299.00	+	(75th percentile)
0.00	+	

(Note: sample number denoted as 'Easting, Northing')

Scale
1:10,000

0 100 200 300 400

(Metres)

Figure 13H

samples. Wallrocks to these veins usually lack high gold values. Rock chip samples from silicified and carbonate alteration zones within the lineaments yielded anomalous results. Best results were returned from the lineament with the polymetallic quartz veins, assaying 162.1 ppb Au, 6,247 ppb Ag, 1,987.7 ppm As, 476.76 ppm Sb, 9.56 ppm Bi and 1,488 ppb Hg over 12.0 meters. This zone includes 1,229.7 ppb Au, 61,143 ppb Ag, 16,755.8 ppm As, 6,492.85 ppm Sb, 97.80 ppm Bi, 2,198 ppb Hg, 5,939.90 and 5,434.0 ppm Zn over the 60 cm width of the main polymetallic vein.

Strong (carbonate +/- argillic +/- siliceous +/- sericite +/- gouge) alteration zones, mineralized areas and anomalous sample sites within these lineaments were the focus of the 1999 trenching program.

Area 3

Very limited reconnaissance rock sampling occurred in Area 3. Rock sampling of trenching is described in below in section 19.2.3.

Area 4

No significant rock assays from 1999 fieldwork were returned from the area.

Area 5

Reconnaissance rock sampling from Area 5 was limited and yielded no significant gold or silver results. Rock sampling within Grid 5 returned one significant rock sample grading 480 ppb Au (sample number: 99R10296).

5.3.5 Trenching Results

Trenching during the 1999 field program was limited to Area 1 and Grid 3.1. Trenching in Area 1 proved to be of limited success, as gold content of the surface samples could not be improved upon, nor reproduced from the trench sample results (see Figure 7F). The following is a summary of the highest geochemical results from these trenches.



T 99-01

99R123248 (647, 1464.8, 87.65, 433) (3.0 m)

7123410 N

355710 E

T 99-02

99R11325 0-80cm depth (36.3, 259.1, 13.1, 551)

99R11326 80-140cm depth (35.6, 407.0, 14.7, 1625)

(2.1m)

LEGEND

Trench limit

(1.5m) Chip sample location (sample width)

Vertical Profile sample location

(-, - , -. -) Sample element (value)

(Au (ppb), As (ppm), Sb (ppm), Hg (ppb))

T 99-03

99R11327 0-1.35m depth (57.4, 2029.8, 211.05, 1342)

99R11329 (2.2, 66.3, 2.32, 51) (1.5m)

99R11328 0-1.65m depth (54.4, 500.1, 41.37, 1257)

0 1 2 3 4 5

Metres

INTERNATIONAL KODIAK RESOURCES INC.

OKI DOKI PROPERTY

Yukon Territory

AREA 1

UPPER TRENCHES with Assays (1999 Data)

DATE : Mar. 2000	DATA BY : M.P.V.
SCALE : 1 : 100	FIGURE : 7E

LUMINAI DRAFTING LTD. yuk-uptrench

Table 6. Highest Geochemical Results within Trenches in Area 1.

Trench#	Length of Trench	Best geochemical results (width of sample)	Figure
T-9901	3.5 m	35.6 ppbAu, 14.7 ppm Sb (3.0 m)	7E
T-9902	2.5 m	1625 ppb Hg (0.6 m)	7E
T-9903	5.1 m	211.05 ppm Sb, 1342 ppb Hg (1.35 m) 1257 ppb Hg (1.65 m)	7E
T-9904	7.5 m	193.2 ppb Au (6.6 m)	7C, 7D
T-9905	5.5 m	989.7 ppb Au (4.0 m) including 1420.4 ppb Au (2.4 m)	7C, 7D
T-9906	3.5 m	405.3 ppb Au (5.0 m)	7C, 7D
		8827 ppm Ag (3.5 m)	
T-9907	5.1 m	936.6 ppb Au, 9250 ppb Ag, 556.96 ppm Sb, 251.71 ppm Bi, 5886 ppb Hg (0.3 m)	7C, 7D
T-9908	13.0 m	5069.7 ppb Au, 80,970 ppb Ag, 216.40 ppm Sb, 101.63 ppm Bi, 4587 ppb Hg (1.0 m C horiz.)	7B
		256.7 ppb Au, 27,479 ppb Ag, 124.32 ppm Sb, 33.35 ppm Bi, 1231 ppb Hg (1.0 m C horiz.)	

Trenching conducted in Grid 3.1 was limited to a 100-metre long, north-south hand-trench on line 2200 East from 3600 North to 3700 North (see Figure 8G). The trench assayed up to 10 g/t Ag and averaged 5.3 g/t Ag over its entire length, with elevated V, Se, Te and P. The highest Zn value attained was 576.7 ppm over 2 metres. The predominant lithology of the trench was black graphitic to sooty argillite. Limited re-assaying of these samples for platinum, palladium and rhodium yielded moderately elevated values (see Figure 8G).

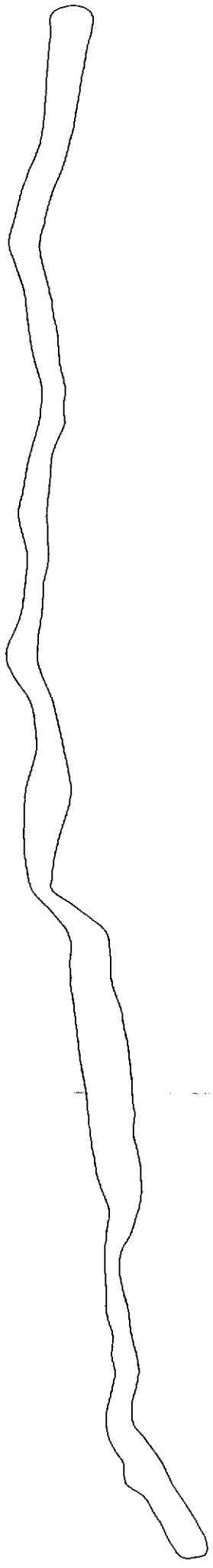
6.0 DISCUSSION

Area 1

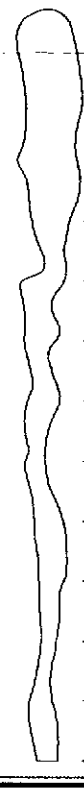
The precious metal source of area 1 has been narrowed down to two areas within the monzonite plug.

The main source, assumed to be the source of the gold drainages from the intrusive area, is a set of prominent altered and mineralized lineaments. These lineaments, are fairly wide (up to 15 metres), but precious metal content is too erratic, and the lineaments are too widely spaced to be of economical merit as exposed at the surface. However, enough precious metals are present in the system to pursue a follow-up program of IP geophysics to investigate structures underlying the central portion of the pluton. To get the survey across the mineralized fabric of the pluton, these IP lines need to be done across the steep slopes and cliffs of the East-West trending ridge in the middle of the pluton. This may present logistical complications.

The second source is the Cirque Lake trench area, where gold averages up to 0.5 g/t in unaltered, unmineralized quartz-monzonite. This auriferous area has been only partially delineated, as there are no visible attributes to these rocks to be mapped out. A follow up program of extensive, systematic channel sampling should be undertaken. As gold is very fine grained, and may be located free in the fractures of the host rocks, a portable rocksaw for taking the channel samples is recommended.



99R02111 — (4889, – , – , – , –)
99R02110 — (4168, – , – , – , –)
99R02109 — (3788, – , 28.6, – , –)
99R02108 — (3581, 1585, 58.1, – , –)
re: (3389, 1562, 58.4, 0.38, –)
99R02107 — (3952, – , 57.6, – , –)
99R02106 — (4206, – , – , 0.37, –)
99R02105 — (3809, – , – , – , –)
99R02104 — (6452, – , 68.1, – , –)
99R02103 — (5088, 1452, 70.8, – , –)
99R02102 — (4104, – , – , – , –)
99R02101 — (4158, – , – , – , –)
99R02100 — (4819, – , – , – , –)
99R02099 — (5913, – , – , – , –)
99R02098 — (6100, – , – , – , –)
99R02097 — (5840, – , – , – , –)
99R02096 — (6271, – , – , – , –)
99R02095 — (10000, – , – , – , –) (2, 32, 4)
99R02094 — (6612, 1672, – , – , –) (1, 14, 1)
99R02093 — (6457, 1658, – , – , 1.265) (<1, 12, 3)
99R02092 — (3582, 1744, – , – , –) (<1, 17, 5)
99R02091 — (8366, – , – , – , –) (2, 19, <1)
99R02090 — (5971, – , – , – , –) (1, 5, 2)
99R02089 — (6891, – , – , 0.36, –) (5, 13, 2)
99R02088 — (7496, – , – , – , –) (1, 13, 1)
99R02087 — (9766, – , – , – , 1.331) (1, 17, <1)
99R02086 — (9256, – , 67.8, 0.48, –) (2, 27, 3)
(3, 24, 2)
99R02085 — (7801, – , – , 0.36, 1.048) (3, 23, <1)
re: (7854, – , – , 0.37, 0.971)
99R02084 — (6716, – , 59.1, – , –) (1, 18, <1)
99R02083 — (6017, 1594, 71.4, 0.39, 1.401) (<1, 17, <1)
99R02082 — (5796, – , 101.4, 0.69, 1.225) (9, 27, 1)
99R02081 — (– , – , – , 0.60, –)
99R02080 — (– , – , – , 0.61, –)
99R02079 — (1328, – , 56.3, 0.65, –)
99R02078 — (1391, – , 87.8, 0.60, –)



99R02077 — (4067, – , – , – , –)
99R02076 — (7117, 1940, – , – , –) (4, 19, <1)
99R02075 — (5012, 1260, – , – , –) (2, 7, <1)
99R02074 — (3042, 1632, – , – , –) (3, 11, 2)
99R02073 — (6893, 1749, 67.6, 0.36, –) (<1, 14, <1)
99R02072 — (10090, – , 62.3, – , 1.100) (<1, 14, 2)
99R02071 — (6143, – , – , – , –) (2, 7, 1)
99R02070 — (6814, – , – , – , –) (4, 14, 2)
99R02069 — (6395, – , – , – , 0.942) (4, 10, <1)
99R02068 — (1663, – , – , – , –)
99R02067 — (1425, – , – , – , –)
99R02066 — (– , – , – , – , –)

632930 E
7110000 N

LUMINAI DRAFTING LTD. trench3



LEGEND

Sample number

99R02073

Sample results

(Ag ppb, V ppm, Se ppm, Te ppm, P %) (Pt ppb, Pd ppb, Rh ppb)
limited re-assay

Sample cutoffs

(>1000ppb Ag, ≥1387 V, ≥56.5 Se, ≥0.36 Te, ≥0.89 P)

Note : (–) indicates result below these values

0 2 4 6 8 10
Metres

INTERNATIONAL KODIAK RESOURCES INC.

OKI DOKI PROPERTY
Yukon Territory

TRENCH 3.1
L 2200E (3600N-3700N)
ROCK GEOCHEMISTRY - 1999 Data

DATE : Mar. 2000	DATA BY : International Kodiak Resources Inc.
SCALE : 1 : 250	FIGURE : 8G

A third source for gold in talus fines, East of Cirque Lake, has not been located. This is an area of sedimentary rocks of the Road River Group, intruded by a monzonite-diorite dyke swarm trending East-Northeast, roughly parallel to the steep upper slopes of the cirque. A single continuous rockchip or channel sample line is recommended down the full height of these slopes to get a geochemical section across stratigraphy.

Area 3

Detailed follow-up geochemical surveys in Area 3 were successful in further outlining a newly identified Ag-V-Zn soil anomaly which, from limited re-assaying, contains elevated platinum group elements (PGE). Trenching in 1999 tested the western flank of this anomaly and identified an open-ended 100 metre long zone averaging 5.3 g/t Ag in rock with elevated platinum group elements. The remainder of the anomaly, which extends at least 800 metres to the east of the trench, warrants mechanized trenching in order to test lateral extend of the zone, as well as, potentially improve grades with deeper sampling.

Reconnaissance soil samples immediately west of Grid 3.1 contain anomalous silver values, up to 23.8 g/t Ag, as well as, limited PGE values, suggesting that the Ag-V-Zn anomaly in Grid 3.1 extends approximately 3.5 kilometres to the west of Grid 3.1. A 400 metre by 400 metre Au in soil anomaly west of Grid 3.1 also suggests this area to be of interest. An extension of Grid 3.1 for approximately 3.5 kilometeres to the west of its current location is recommended in order to define Ag, PGE and Au anomalies in that area.

Area 4

Gridded and reconnaissance soil samples in Area 4 have identified an east-west Au in soil anomaly which may be continuous from the grid to the reconnaissance soil lines approximately 3 kilometres to the west. Further work is required in order to fill in this anomaly and test its continuity.

Area 5

Gridded and reconnaissance soil sampling in the previously unexplored Area 5 yielded significant results and identified a strong Au-Bi-Te-As-W-Sb-Hg anomaly which warrants immediate follow up work consisting of extending the grid to the south and east. A reconnaissance soil traverse to the southeast of Grid 5 containing highly anomalous Au in soil, suggests the Grid 5 anomaly may extend approximately 1 kilometre to the south.

7.0 RECOMMENDATIONS

Area 1

Results from the 1998 and 1999 field programs have delineated a 1.5 km by 2.5 km monzonite plug with auriferous zones throughout, mostly within East-West trending lineaments. All of the intrusion and adjacent sedimentary rocks are a target for follow up exploration. A follow up program of systematic, contiguous rock chip (channel) sampling is recommended, followed by an IP geophysical survey and a trenching or drill program pending results of the rock chip and channel samples.

The follow-up program should include a total of:

- 200 meters of rock-saw channel sampling
- 800 meters of contiguous rock chip sampling.
- 2 kilometers of IP geophysics.

Area 3 and 4

A four-man, two week program, from July 8-21 2000, is recommended for Area 3. Eleven days of the program will focus on gridded soil sampling and reconnaissance soil sampling within the area, as well as, Area 4. The remainder of the program (3 days) will consist of mapping and continuous chip sampling the new trenches.

Approximately 600 metres of trenching is recommended in Grid 3.1 on the strongest Ag-V-Zn-PGE anomalies. These areas are as follows:

Table 7. Proposed Trenching in Grid 3.1.

Easting	**Northing**	**Total Metres**
2500	3500-3600	100
2750	3775-3875	100
2800	3400-3500	100
2900	3800-3900	100
3000	3850-3950	100
3400	3650-3750	100
Total		**600**

Trenching in Area 3 is planned by use of a D8K ripper (with single drouser shoes and ice lugs) and a wide track Hoe 235 (with frost bucket).

Area 5

A four-man, two phase exploration program is recommended for Area 5. Phase One, from July 1-7, will consist of extending the Area 5 grid towards the south and east. The program will be supported by fly camp located near the grid. Upon receiving geochemical results (approximately 10 days after completion of Phase One), the second

portion of the program, from July 23-30, will consist of grid follow-up soil sampling and Kabota trenching. Approximately 300-400 metres of trenching will be conducted, depending on results.

8.0 PROPOSED BUDGET

OKI DOKI PROJECT
2000 PROGRAM
Geochemical and Geological Surveys and Mechanized Trenching

Proposed Duration: July 1 – July 31, 2000

Stage 1	**(July 1-7, 2000)**	
Area 5 – Grid Extension		
Personnel		
Geologist (P.Geo.)	1 man @ 7 days @ $350/day	2450
Geological Technicians	3 men @ 7 days @ $250/day	5250
Camp Costs	4 men @ 7 days @ $55/day	1540
Analytical Fees	420 samples @ $20/sample	8400
Transportation		
Helicopter	20hrs @ $800/hr (wet)	16000
Truck	0.25 mo @ $3000/mo	750
Disposables		1500
	(sub-total)	**35890**

Stage 2		
Area 3– Grid Extension and Mechanized Trenching	**(July 8-21, 2000)**	
Personnel		
Geologist (P.Geo.)	1 man @ 14 days @ $350/day	4900
Geological Technicians	3 men @ 14 days @ $250/day	10500
Analytical Fees	800 samples	16000
Trenching		
D8K ripper rental	100 hrs @ $230/hr (incl. oper/fuel)	23000
D8K mobilization		4000
Cat 225 wide track rental	100 hrs @ $195/hr (incl oper/fuel)	19500
Cat 225 mobilization		12000
Camp Costs	5 men @ 14 days @ $55/day	3850
Transportation		
Airfare		2500
Helicopter	28 hrs @ $800/hr	22400
Truck		1500
Disposables		1000
	(sub-total)	**121150**

Stage 3	**(July 23-30, 2000)**	
Area 5 – Kabota Trenching		
Personnel		
Geologist (P.Geo.)	1 man @ 7 days @ $350/day	2450
Geological Technicians	3 men @ 7 days @ $250/day	5250
Camp Costs	4 men @ 7 days @ $55/day	1540
Analytical Fees	200 samples	4000
Transporation		
Helicopter	10 hrs @ $800/hr (wet)	8000
Truck		750
Trenching		
Kabota	rental (150 hrs use, includes operator, fuel, mob)	36000
Disposables		1000
	(sub-total)	**58990**
Grand Total		**$216,030**

9.0 STATEMENT OF WORK

International Kodiak Resources Inc.
Oki-Doki Project
June 25 - August 13, 1999

Geological / Geochemical Costs		
Project Geologist	63 mandays @ $400/day	$25,200.00
Geologists	162 mandays @ $350/day	$56,700.00
Geological Technicians	187 mandays @ $230/day	$43,010.00
Geochemical Consulting	10 mandays @ $600/day	$6,000.00
Accomodation	485 mandays @ $55/day	$26,675.00
Analytical Fees	2692 samples @ $20/sample	$53,840.00
	140 samples re-analysis for PGE @ $10/sample	$1400
Transportation		
Truck Rental		$3,951.14
Helicopter		$79,826.77
Shipping		$7,288.96
Fuel		$2,391.28
Airfare		$5,681.63
Other		
Radios		$2,258.09
Equipment / Consumables		$15,360.07
Drafting (prepratory)		$2,399.22
Workers Compensation		$1,775.44
Filing Fees		$296.77
Mob-Demob		$2,142.20
Final Report		
Report Writing		$5,000.00
Drafting		$1,500.00
TOTAL EXPENDITURES		**$342,696.57**

10.0 STATEMENT OF QUALIFICATIONS

I, **Bart J. Jaworski,** of Vancouver, British Columbia, hereby certify that:

1. I am a graduate of the University of British Columbia with a Bachelor of Science (Hons.) Degree (1996) in Geology.

2. I have practiced my profession as a geologist in Canada, continually since graduation.

3. I am a Consulting Geologist with offices at 4042 W 27th Ave, Vancouver, British Columbia.

4. I am a registered member in good standing of the Association of Professional Engineers and Geoscientists of British Columbia and hold the title of 'Geoscientist-In-Training' (Reg #112628).

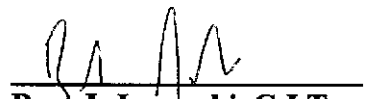
5. I am the author of this report with the exception of Area 1 compiled by Marcus T. Vanwermeskerken, P.Geo. The information in this report is based on personal examination of the property during Kodiak's 1999 field season, all results from the 1999 field season and an overview of published and unpublished reports and maps on the property and the surrounding area.

6. I have no current interest, direct or indirect, in the properties and securities of International Kodiak Resources Inc. I expect to receive 250,000 stock options of International Kodiak Resources Inc., as payment in lieu of cash.

7. I have not received nor do I expect to receive, any additional interest, direct or indirect, in the properties and securities of International Kodiak Resources Inc.

8. International Kodiak and its affiliates are hereby authorized to use this report in any prospectus, statement of material facts, or other public document.

DATED in Vancouver, British Columbia, this 30th day of March 2000.



Bart J. Jaworski, G.I.T.

STATEMENT OF QUALIFICATIONS

I, **Marcus T. Vanwermeskerken**, of Saltspring Island, British Columbia, hereby certify that:

I am a graduate of the University of British Columbia with a Bachelor of Science degree (1987) in Geology.

I have practiced my profession as a geologist in Canada and South America for 10 years since graduation.

I am a consulting geologist working for International Kodiak Resources Inc., with offices at 530-800 West Pender Street, Vancouver, British Columbia.

I am a registered member in good standing of the Association of Professional Engineers and Geoscientists of British Columbia (reg# 19385).

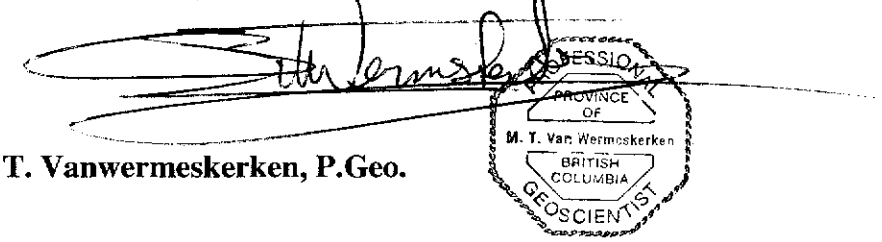
The information in this report is based on a review of reports on the area and on information obtained in the field.

I personally supervised the work undertaken in Area 1 of the Oki Doki main block during the 1999 work program.

I have no interest, direct or indirect, in the subject property, or any surrounding ground.

I consent to, and authorize the use of the section on Area 1 of this report in any prospectus, statement of material facts, or other public document.

DATED in Vancouver, British Columbia, this 18th day of November, 1999.



Marcus T. Vanwermeskerken, P.Geo.

12.0 REFERENCES

Bakke, A.A., 1996: The Fort Knox 'porphyry' gold deposit-structurally controlled stockwork and shear quartz vein, sulfide-poor mineralization hosted by a Late Cretaceous pluton, east-central Alaska. In T.A. Schroeter (ed.), Porphyry Deposits of the Northwestern Cordillera of North America, Canadian Institute of Mining and Metallurgy, Special Volume 46, pp. 795-802.

Burke, M., 1996: 1995 Yukon Mining and Exploration Overview, *in,* Yukon Exploration and Geology, 1995, Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, p. 3.

Bostock, H.S., 1964:Geology, McQuesten, Yukon Territory: Geological Survey of Canada, Map 1143A, scale 1: 253,440.

Bremner, T., 1990: Brewery Creek, in Exploration and Geological Services Division, Yukon Region; Indian and Northern Affairs Canada, pp 21-23.

Diment, R., 1996: Brewery Creek Gold Deposit. In: Yukon Exploration and Geology, 1995, Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, pp.57-66.

Friske, P.W.B., et. al.,1990: Regional Stream Sediment and Water Geochemical Data, Central Yukon, NTS 116A, 116H South, Geological Survey of Canada, Open File 2176.

Friske, P.W.B., et. al.,1991: Regional Stream Sediment and Water Geochemical Data, Central Yukon, NTS 116B, Parts of 116C, F,G, Geological Survey of Canada, Open File 2365.

Goodfellow, W. D. , Geldsetzer,H., Pride, K., Uyeno, T. T., Gregoire, C. C., 1996: Genesis of Carbonaceous Shale Hosted Ni-Mo-PGE Deposits; B. C. Geological Survey, Mineral Deposit Research Unit and Geological Survey of Canada.

Gower, S.C., 1996: Proposed Exploration Program, Dawson City and Mayo Areas
Internal report.

Green, L.H., 1972: Geology of Nash Creek, Larsen Creek, and Dawson map-areas, Yukon Territory. Geological Survey of Canada, Memoir 364.

Hitchins, A.C. and Orssich, C.N., 1996: The Eagle zone gold tungsten sheeted vein porphyry deposit and related mineralization, Dublin Gulch, Yukon Territory. In T. Schroeter (ed.), Porphyry Deposits of the Northwestern Cordillera of North America, Canadian Institute of Mining and metallurgy, Special Volume 46, pp. 803-810.

MacKay, G., 1996: Moss mats as a sample medium for stream sediment geochemistry, Indian and Northern Affairs Canada, Exploration and Geological Services Division, Open File 19966-44(T), pp. 7-10.

Murphy, D.C., Heon, D. and Hunt, J.A., 1997: Geological map of Clear Creek Area, Western Selwyn Basin, Yukon. Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Geoscience Map 1996-1, 1:50,000 scale.

Murphy, D.C. and Heon, D., 1996: Geological Map of Sprague Creek map area, Western Selwyn Basin, Yukon. Exploration and Geological Service Division, Yukon, Indian and Northern Affairs Canada, Geoscience Map 1996-2, 1:50,000 scale.

Murphy, D.C., 1997: Geology of the McQueston River Region, Northern McQueston and Mayo Area, Yukon Territory (115P/14,15,16;105M/13,14).

Nicholson, G.E., 1997: Geological and Geochemical Summary Report, Oki-Doki project; report for 520914 BC Ltd.

Nicholson, J., 1997: Internal report on the Oki-Doki Claims; Report for International Kodiak Resources Inc., pp.1-8.

Neugebauer, H., 1996: Drill and Trench Results From Panorama Ridge, Orinoco Gold Inc., Press Release Nov 25, 1996.

Poulsen, K.H., 1996: Carlin-type gold deposits and their potential occurrence in the Canadian Cordillera; in current research 1996-A; Geological Survey of Canada, pp. 1-9.

Poulsen, K.H., Mortensen, J.K. and. Murphy, D.C., 1997: Styles on intrusion-related gold mineralization in the Dawson-Mayo area, Yukon Territory; in Current Research 1997-A; Geological Survey of Canada, pp. 1-10.

Robertson, R., 1996: Viceroy opens Yukon gold mine, The Northern Miner, Volume 83, No.17, p. 1.

Saunders, R., 1991: Summary Report on the Brewery Creek Project, Yukon Territories: Report for Loki Gold Corporation.

Shearer, J., 1997: Oki-Doki Property, Thin Section Petrographic Descriptions, Vancouver Petrographics Ltd. for International Kodiak Resources Inc.

Smit, H., et al, 1996: The Dublin Gulch Intrusive Hosted Deposit in New Deposit models of the Canadian Cordillera, MDRU/UBC short course notes, pp K1-K13

Thompson, R.I., 1995: Geological compilation (1:250,000) of the Dawson map areas (116 B,C) northeast of Tintina Trench; Geological Survey of Canada, Open File 03223, Scale 1:250,000.

Throstad, L., 1997a: Viceroy: Brewery Creek News Release 9/18/97.

Thorstad, L., 1997b: Viceroy: Brewery Creek News Release 11/4/97.

Van Damme, V., Game, B., 1998: Geological, Geochemical, and Geophysical Report on the Oki Doki Project Claims, Dawson and Mayo Mining Districts.

Vanwermeskerken, M. T., 1997: Internal report on the Oki-Doki Claims; Report for International Kodiak Resources Inc., p. 1-3.

Yukon Minfile 1996: IMS Ltd., Hyperborean Productions Inc. for Ministry of Indian and Northern Affairs.

APPENDIX 1

CLAIM TENURE INFORMATION: HIGH GRADE, OB, STRIKE, WOW, DOKI, LOKEY, OKI, SMOKI, YES, OBI

Claim	#			Tenure #			New Expiry Date			
	From	To	No. of Claims		From	To	M	D	Y	Map Sheet
HIGH GRADE	1	7	7	YC	6714	6720	3	26	2004	116A/4
OB	47	50	4	YC	3174	3177	11	4	2004	116 B/1
OB	97	100	4	YC	3224	3227	11	4	2004	116 B/1
OB	147	-	1	YC	2929	-	11	1	2004	116 A/4, B/1
OB	148	-	1	YC	2930	-	11	1	2004	116 A/4
OB	149	150	2	YC	2931	2932	11	1	2004	116 A/4, B/1
OB	197	200	4	YC	3271	3274	11	4	2004	116 A/4
OB	387	388	2	YC	3351	3352	11	4	2004	116 A/4
OB	491	508	18	YC	4465	4482	7	18	2005	116 B/1
OB	511	526	16	YC	4485	4500	7	18	2005	116 B/1
STRIKE	1	1	1	YC	6713	-	3	26	2004	116A/4
WOW	11	22	12	YC	4814	4825	10	1	2005	116 A/4
WOW	25	36	12	YC	4827	4838	10	1	2005	116 B/1
WOW	39	50	12	YC	4841	4852	10	1	2005	116 B/1
WOW	53	64	12	YC	4855	4866	10	1	2005	116 B/1
WOW	67	72	6	YC	4869	4874	10	1	2005	116 B/1
WOW	74	75	2	YC	4876	4877	10	1	2005	116 B/1
WOW	85	87	3	YC	5326	5328	10	14	2005	116 A/4
WOW	91	98	8	YC	5331	5338	10	14	2005	116 A/4
WOW	101	104	4	YC	5339	5342	10	14	2005	116 A/4
DOKI	7	10	4	YB	95513	95516	10	22	2004	116 B/1
LOKEY	1	26	26	YB	95839	95864	10	22	2004	116 B/1
LOKEY	27	31	5	YC	2953	2957	11	1	2004	116 B/1
LOKEY	41	76	36	YB	95865	95900	10	22	2004	116 B/1
LOKEY	77	104	28	YC	2959	2986	11	1	2004	116 B/1
LOKEY	103	103	1	YC	3108	-	11	4	2004	116 B/1
LOKEY	104	104	1	YC	3109	-	11	4	2004	116 B/1
LOKEY	105	138	34	YC	3110	3143	11	4	2004	116 B/1
LOKEY	155	156	2	YC	4456	4457	6	17	2005	116 B/1
LOKI	9	30	22	YC	6449	6470	11	4	2004	116 B/1
OKI	212	-	1	YB	95014	-	10	22	2004	116 B/1
OKI	214	-	1	YB	95016	-	10	22	2004	116 B/1
OKI	216	-	1	YB	95018	-	10	22	2004	116 B/1
OKI	218	-	1	YB	95020	-	10	22	2004	116 B/1
OKI	253	260	8	YB	95041	95048	10	22	2004	116 B/1
OKI	289	292	4	YB	95071	95074	10	22	2004	116 B/1
OKI	317	324	8	YB	95097	95104	10	22	2004	116 B/1

Claim	#			Tenure #			New Expiry Date			
	From	To	No. of Claims		From	To	M	D	Y	Map Sheet
OKI	331	340	10	YB	953111	95120	10	22	2004	116 B/1
OKI	377	382	6	YB	95153	95158	10	22	2004	116 B/1
OKI	383	384	2	YC	3078	3079	10	22	2004	116 B/1
OKI	385	386	2	YB	95159	95160	10	22	2004	116 B/1
SMOKI	6	-	1	YC	2930	-	11	1	2004	116 B/1
SMOKI	8	-	1	YC	2932	-	11	1	2004	116 B/1
SMOKI	9	14	6	YC	2903	2908	10	28	2004	116 B/1
SMOKI	15	24	10	YC	3098	3107	11	4	2004	116 B/1
SMOKI	25	32	8	YC	2933	2940	11	1	2004	116 B/1
SMOKI	421	434	14	YB	95249	95262	10	22	2004	116 B/1
SMOKI	463	476	14	YB	95287	95300	10	22	2004	116 B/1
SMOKI	573	586	14	YB	95325	95338	10	22	2004	116 B/1
SMOKI	588	588	1	YB	95340	-	10	22	2004	116 B/1
SMOKI	590	590	1	YB	95342	-	10	22	2004	116 B/1
SMOKI	592	592	1	YB	95344	-	10	22	2004	116 B/1
SMOKI	609	632	24	YB	95361	95384	10	22	2004	116 B/1
SMOKI	653	676	24	YB	95403	95426	10	22	2004	116 B/1
SMOKI	695	700	6	YC	2909	2914	10	28	2004	116 B/1
SMOKI	701	720	20	YB	95441	95460	10	22	2004	116 B/1
SMOKI	739	762	24	YB	95475	95498	10	22	2004	116 B/1
OB	101	116	16	YC	3019	3034	11	1	2004	116 A/4
OB	151	166	16	YC	3228	3243	11	4	2004	116 A/4
OB	201	216	16	YC	3275	3290	11	4	2004	116 A/4
OB	251	266	16	YC	3315	3330	11	4	2004	116 A/4
OB	562	568	7	YC	4517	4523	7	18	2005	116 A/4
YES	42	47	6	YC	5343	5348	10	14	2005	116 A/4
OBI	1	33	33	YC	6920	6952	3	26	2002	116A/4
DOKI	27	38	12	YB	95533	95544	10	22	2002	116 B/1
DOKI	69	80	12	YB	95571	95582	10	22	2002	116 B/1
DOKI	113	124	12	YB	95615	95626	10	22	2002	116 B/1
DOKI	155	166	12	YB	95657	95668	10	22	2002	116 B/1
DOKI	197	208	12	YB	95699	95710	10	22	2002	116 B/1
DOKI	239	250	12	YB	95741	95752	10	22	2002	116 B/1
DOKI	279	290	12	YB	95781	95792	10	22	2002	116 B/1
OB	87	-	1	YC	3214	-	11	4	2002	116 B/1
OB	88	-	1	YC	3215	-	11	4	2002	116 A/4, B/1
OB	89	96	8	YC	3216	3223	11	4	2002	116 B/1
OB	37	46	10	YC	3164	3173	11	4	2002	116 B/1
OB	137	137	1	YC	2919	-	10	28	2002	116 A/4, B/1

Claim	#			Tenure #			New Expiry Date			
	From	To	No. of Claims		From	To	M	D	Y	Map Sheet
OB	139	139	1	YC	2921	-	10	28	2002	116 A/4, B/1
OB	141	141	1	YC	2923	-	10	28	2002	116 A/4, B/1
OB	143	143	1	YC	2925	-	10	28	2002	116 A/4,B/1
OB	145	145	1	YC	2927	-	11	1	2002	116 A/4, B/1
DOKI	47	52	6	YB	95549	95554	10	22	2002	116 B/1
DOKI	85	94	10	YB	95587	95596	10	22	2002	116 B/1
DOKI	129	136	8	YB	95631	95638	10	22	2002	116 B/1
DOKI	169	178	10	YB	95671	95680	10	22	2002	116 B/1
DOKI	211	220	10	YB	95713	95722	10	22	2002	116 B/1
DOKI	251	260	10	YB	95753	95762	10	22	2002	116 B/1
DOKI	291	293	3	YC	4458	4460	7	18	2003	116 B/1
OB	1	-	1	YC	2987	-	11	1	2002	116 A/4,B/1
OB	2	-	1	YC	2988	-	11	1	2002	116 A/4
OB	3	4	2	YC	2989	2990	11	1	2002	116 A/4, B/1
OB	5	-	1	YC	2991	-	11	1	2002	116 B/1
OB	6	-	1	YC	2992	-	11	1	2002	116 A/4,B/1
OB	7	-	1	YC	2993	-	11	1	2002	116 B/1
OB	8	-	1	YC	2994	-	11	1	2002	116 A/4, B/1
OB	9	-	1	YC	2995	-	11	1	2002	116 B/1
OB	10	-	1	YC	2996	-	11	1	2002	116 A/4, B/1
OB	11	-	1	YC	2997	-	11	1	2002	116 B/1
OB	12	-	1	YC	2998	-	11	1	2002	116 A/4, B/1
OB	13	-	1	YC	2999	-	11	1	2002	116 B/1
OB	14	-	1	YC	3000	-	11	1	2002	116 A/4, B/1
OB	15	16	2	YC	3001	3002	11	1	2002	116 B/1
OB	51	64	14	YC	3178	3191	11	4	2002	116 A/4
OB	65	-	1	YC	3192	-	11	4	2002	116 A/4, B/1
OB	66	-	1	YC	3193	-	11	4	2002	116 A/4
OB	395	400	6	YC	3067	3072	11	1	2002	116 A/4
OB	401	418	18	YC	3353	3370	11	4	2002	116 A/4
OB	419	430	12	YC	3511	3522	11	19	2002	116 A/4
OB	431	-	1	YC	3371	-	11	4	2002	116 A/4
OB	432	-	1	YC	3372	-	11	4	2002	116 A4, B/1
OB	433	-	1	YC	3373	-	11	4	2002	116 A/4
OB	434	-	1	YC	3374	-	11	4	2002	116 A/4, B/1
OB	435	454	20	YC	3375	3394	11	4	2002	116 A/4
YES	1	2	2	YC	5110	5111	10	1	2003	116 A/4
YES	3	-	1	YC	5112	-	10	1	2003	116 B/1, 116 A/4

Claim	#			Tenure #			New Expiry Date			
	From	To	No. of Claims	From	To	M	D	Y	Map Sheet
YES	4	-	1	YC	5113	-	10	1	2003	116 A/4
YES	5	-	1	YC	5114	-	10	1	2003	116 B/1, 116 A/4
YES	6	-	1	YC	5115	-	10	1	2003	116 A/4
YES	7	8	2	YC	5116	5117	10	1	2003	116 B/1, 116 A/4
YES	9	-	1	YC	5118	-	10	1	2003	116 B/1
YES	10	-	1	YC	5119	-	10	1	2003	116 B/1, 116 A/4
YES	11	-	1	YC	5120	-	10	1	2003	116 B/1
YES	12	-	1	YC	5121	-	10	1	2003	116 B/1, 116 A/4
YES	13	22	10	YC	5122	5131	10	1	2003	116 B/1
YES	23	28	6	YC	5132	5137	10	1	2003	116 A/4
YES	29	-	1	YC	5138	-	10	1	2003	116 B/1, 116 A/4
YES	30	-	1	YC	5139	-	10	1	2003	116 A/4
YES	31	-	1	YC	5140	-	10	1	2003	116 B/1, 116 A/4
YES	32	-	1	YC	5141	-	10	1	2003	116 A/4
YES	33	34	2	YC	5142	5143	10	1	2003	116 B/1, 116 A/4
YES	35	-	1	YC	5144	-	10	1	2003	116 B/1
YES	36	-	1	YC	5145	-	10	1	2003	116 B/1, 116 A/4
YES	37	-	1	YC	5146	-	10	1	2003	116 B/1
YES	38	-	1	YC	5147	-	10	1	2003	116 B/1, 116 A/4
YES	39	40	2	YC	5148	5149	10	1	2003	116 B/1
		Total	**911**							

APPENDIX 2

RECEIVED

Vancouver Petrographics Ltd.

8080 GLOVER ROAD, LANGLEY, B.C. V1M 3S3
PHONE (604) 888-1323 • FAX (604) 888-3642
email: vanpetro@vancouver.net

Report for: Kodiak Resources,
Klondike River Lodge,
Box 69,
DAWSON CITY,
Yukon

Attn: DON FENNER
MARCO VANWERMESKERKEN ✓

Job 990362

August 12, 1999

SAMPLE:

A rock sample, numbered VP-1, from the Brewery Creek area, Yukon Territory, was submitted for sectioning and petrographic examination.

DESCRIPTION:

QUARTZ MONZONITE

Estimated mode

Plagioclase	40
K-feldspar	32
Quartz	12
Biotite	8
Clinopyroxene	5
Hornblende	2
Carbonate	0.5
Sphene	trace
Apatite	trace
Magnetite	trace
Arsenopyrite	trace
Pyrite	trace
Chalcopyrite	trace
Limonite	trace

Examination of the stained off-cut of this sample shows that it is a rather even, fine-grained rock composed dominantly of plagioclase and K-feldspar. It exhibits a weakly microporphyritic texture, with stumpy subhedral grains of plagioclase (white-etched) up to 1 or 2 mm in size, in a finer interstitial phase which includes quartz and mafics. Scattered, coarser segregations (phenocrysts?) of K-feldspar can also be seen.

Thin section examination confirms these observations.

FROM : PHONE NO. : AUG. 16 1999 01:53PM P1

The coarser (sub-phenocrystic) plagioclase grains sometimes show concentric growth zoning. Twinning is generally not well-developed but appears to indicate a composition in the oligoclase-andesine range. The plagioclase is typically fresh but for very sparse dustings of minute flecks of carbonate.

The K-feldspar is orthoclase, sometimes showing incipient perthitic character. It forms occasional subhedral prismatic phenocrysts up to 2 or 3 mm in size, but is also a major constituent of the equigranular matrix assemblage. It is typically fresh.

Quartz occurs as individual sub-equant grains 0.1 - 0.3 mm in size, evenly scattered throughout the matrix aggregate of similar-sized plagioclase and K-spar.

Mafics consist of brown biotite, colourless clinopyroxene and minor pale green hornblende. They occur mainly as grains 0.2 - 0.5 mm in size, but also form occasional coarser phenocrysts of prismatic form, ranging up to 2.0 mm or so.

The biotite appears totally fresh. The pyroxene typically shows partial alteration to ferruginous secondary products, and the minor hornblende is partially altered to carbonate.

Trace accessories (occurring as scattered tiny grains) are sphene, apatite and Fe oxides, in decreasing order of abundance.

Extremely rare sulfides include arsenopyrite, pyrite and chalcopyrite. The sectioned portion includes one grain of arsenopyrite 0.8 mm in size, but mostly the sulfides are much smaller. They occur as randomly disseminated specks, and/or as inclusions in mafic silicates.

No explanation for the anomalous Au and Hg is apparent from the petrographic examination.

The rock is a fine-grained quartz-monzonite of minor intrusive aspect. It appears undeformed, and is essentially fresh, but for partial deuteric alteration of some mafics, and very mild pervasive development of flecks and hairline threads of carbonate.

J.F. Harris Ph.D.

(604) 929-5867

KENNECOTT
ANTIMONY MOUNTAIN PROPERTY

INTERNATIONAL KODIAK
MLN - BO PROJECTS

HOMESTAKE
MIKE LAKE PROPERTY

PROSPECTOR INTERNATIONAL
FOR SURE PROJECT

INTERNATIONAL KODIAK
OKI – DOKI PROJECT

BATTLE MOUNTAIN
IDA – ORO PROPERTY

BATTLE MOUNTAIN
PANORAMA RIDGE PROPERTY

INTERNATIONAL KODIAK
OKI – DOKI PROJECT

VICEROY
BREWERY CREEK MINE

0 1 2 3 4 5 km

KILOMETRES

CONTOUR INTERVAL: 500 FEET

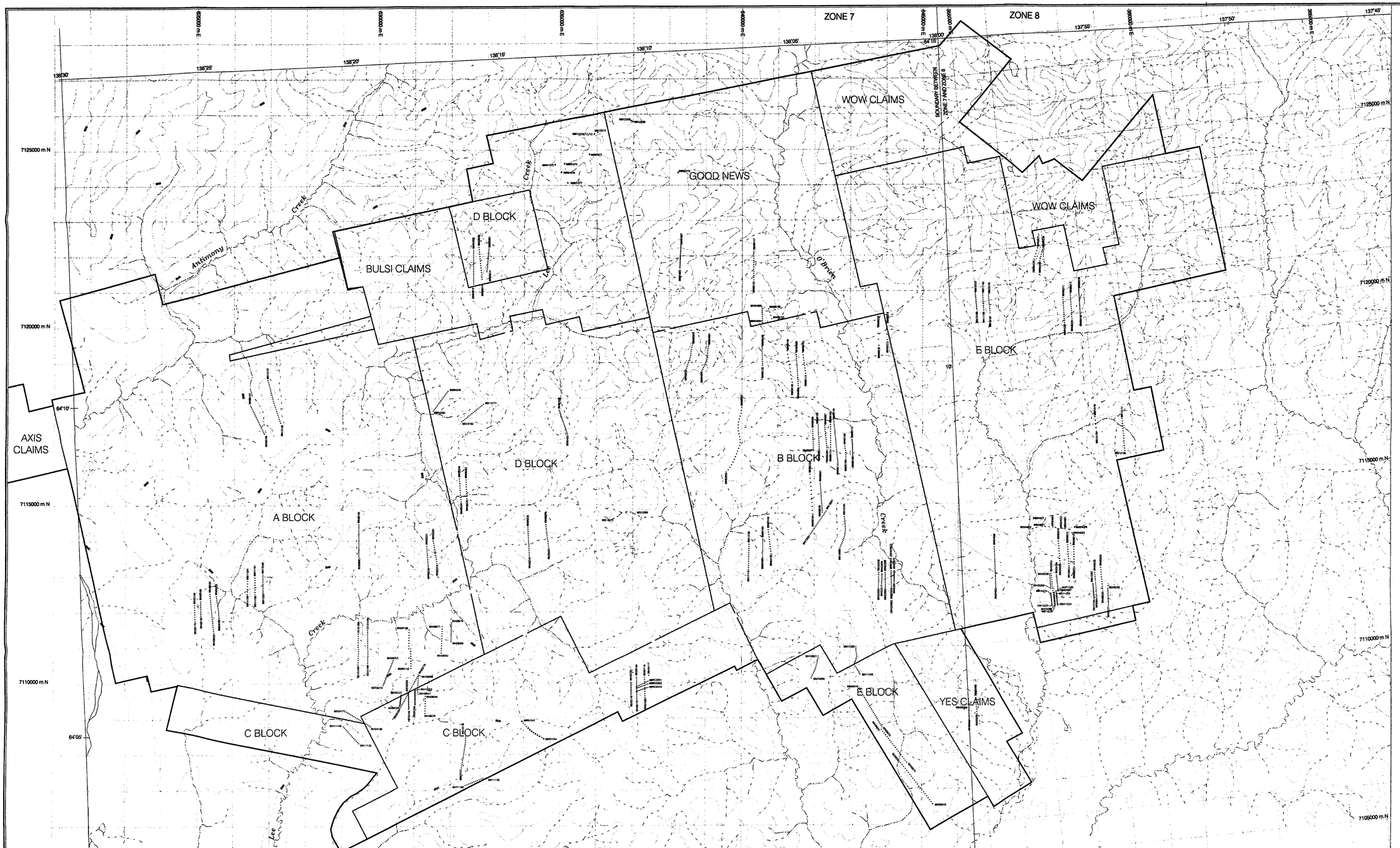
INTERNATIONAL KODIAK
RESOURCES INC.

OKI – DOKI PROPERTY
YUKON TERRITORY

PROPERTY MAP

DATE: NOVEMBER 1998	DATA SOURCE:D.I.A.N.D.
SCALE: 1:50,000	FIGURE: 3

094118



LEGEND

SYMBOLS

----- Traverse soil sample line

▲ Rock sample

• Silt sample

Note: Contour interval 500 feet

0 0.5 1.0 1.5 2.0 2.5

KILOMETRES

094118

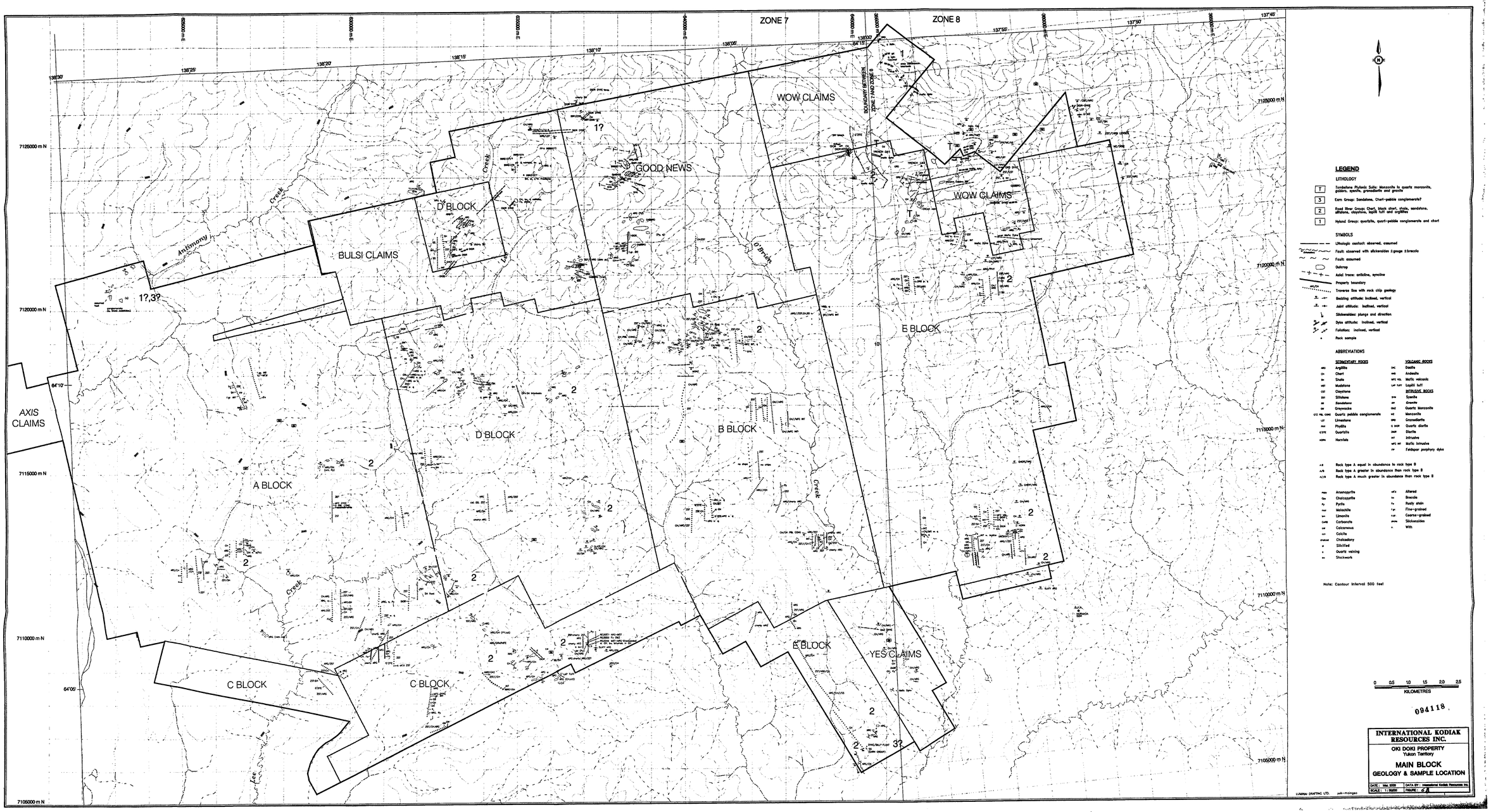
INTERNATIONAL KODIAK RESOURCES INC.

OKI DOKI PROPERTY
Yukon Territory

MAIN BLOCK
SAMPLE LOCATION MAP

DATE : Mar. 2000	DATA BY : International Kodiak Resources Inc.
SCALE : 1 : 50000	FIGURE : 2A

LUMINA DRAFTING LTD. yuk-samploc



LEGEND

LITHOLOGY

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

SYMBOLS

- Lithologic contact: observed, assumed
- Fault: observed with slickensides ± gouge ± breccia
- Fault: assumed
- Outcrop
- Axial trace: antiline, syncline
- Property boundary
- Traverse line with rock chip geology
- Bedding attitude: inclined, vertical
- Joint attitude: inclined, vertical
- Slickensides: plunge and direction
- Dyke attitude: inclined, vertical
- Foliation: inclined, vertical
- Rock sample

ABBREVIATIONS

SEDIMENTARY ROCKS		VOLCANIC ROCKS	
arg	Argillite	bsl	Basalts
ch	Chert	and	Andesite
sh	Shale	wcv vcs	Mafic volcanic
mst	Mudstone	lpt tuff	Lapilli tuff
cst	Claystone	INTRUSIVE ROCKS	
slt	Siltstone	sye	Syenite
ss	Sandstone	gra	Granite
gw	Greywacke	mzd	Quartz Monzonite
cgl/ pbl cong	Quartz pebble conglomerate	mz	Monzonite
ls/	Limestone	grd	Granodiorite
phy	Phyllite	q mzn	Quartz diorite
q'zite	Quartzite	dior	Diorite
hornf	Hornfels	int	Intrusive
		wcv wi	Mafic intrusive
		fpr	Feldspar porphyry dyke

- a:b — Rock type A equal in abundance to rock type B
- a/b — Rock type A greater in abundance than rock type B
- a//b — Rock type A much greater in abundance than rock type B

aspy	Arsenopyrite	alt'n	Altered
cpy	Chalcopyrite	br	Breccia
py	Pyrite	fe	Rusty stain
mal	Malachite	f.gr	Fine-grained
lm	Limonite	c.gr	Coarse-grained
carb	Carbonate	slick	Slickensides
ca	Calcareous	-	With
cc	Calcite		
chal/sed	Chalcedony		
s	Silicified		
v	Quartz veining		
stw	Stockwork		

Note: Contour interval 500 feet

0 0.5 1.0 1.5 2.0 2.5
KILOMETRES

094118

INTERNATIONAL KODIAK RESOURCES INC.

OKI DOKI PROPERTY
Yukon Territory

MAIN BLOCK
GEOLOGY & SAMPLE LOCATION

DATE: Mar. 2000	DATA BY: International Kodiak Resources Inc.
SCALE: 1 : 50,000	FIGURE: 6.4

LUMINA DRAFTING LTD. yuk-mainpo

ZONE 7

ZONE 8

BOUNDARY BETWEEN ZONE 7 AND ZONE 8

WOW CLAIMS

GOOD NEWS

WOW CLAIMS

D BLOCK

BULSI CLAIMS

Antimony Creek

Creek

Creek

Creek

Creek

Creek

E BLOCK

AXIS CLAIMS

D BLOCK

B BLOCK

A BLOCK

Grid 3.1

Grid 3.2

Grid 3.3

Grid 3.4

Grid 4

Grid 5

B BLOCK

YES CLAIMS

C BLOCK

C BLOCK

7125000 m N

7120000 m N

7115000 m N

7110000 m N

7105000 m N

64°10'

64°09'

135°30'

135°25'

135°20'

135°15'

135°10'

135°05'

135°00'

134°55'

134°50'

137°50'

137°45'

Silver in soil
Grid 5

Ag (ppb)		
3501.88	■	(95th percentile)
1948.4	■	(90th percentile)
1281.4	+	(90th percentile)
831.0	+	(75th percentile)
0-831	+	

Silver in soil
Grid 3.1-3.4, 4

Ag (ppb) / Percentile		
■	18904.30	(95th percentile)
■	8609.85	(95th percentile)
+	6111.00	(90th percentile)
+	2232.75	(75th percentile)
+	0 - 2232.75	

LEGEND

- ----- Soil sample site
- ▲ Rock sample
- • Silt sample
- 12 Ag value in ppm (only values > 1ppm shown)

Note: Contour Interval 500 feet

0 0.5 1.0 1.5 2.0 2.5
KILOMETRES

nc4118

INTERNATIONAL KODIAK RESOURCES INC.

OKI DOKI PROPERTY
Yukon Territory

MAIN BLOCK
SILVER GEOCHEMISTRY

DATE : Mar. 2000 | DATA BY : International Kodiak Resources Inc.
SCALE : 1: 25,000 | FIGURE : 6.0

LUMINA DRAFTING LTD. yuk-silver

ZONE 7

ZONE 8

WOW CLAIMS

GOOD NEWS

D BLOCK

BULSI CLAIMS

WOW CLAIMS

B BLOCK

AXIS CLAIMS

D BLOCK

B BLOCK

A BLOCK

Grid 3.0

Grid 3.2

Grid 5

Grid 3.1

Grid 3.4

Grid 4

C BLOCK

C BLOCK

E BLOCK

YES CLAIMS

INSET MAP

7125000 m N

7120000 m N

7115000 m N

7110000 m N

7105000 m N

64°10'

64°05'

135°30'

135°25'

135°20'

135°15'

135°10'

135°05'

135°00'

137°55'

137°50'

137°45'

Gold in soil
Grid 3.1-3.4, 4

Au (ppb) / Percentile

- 2252.87 (99th percentile)
- 1055.15 (90th percentile)
- 684.60 (80th percentile)
- 295.25 (75th percentile)
- 0 - 295.25

Gold in soil
Grid 5

Au (ppb)

- 163.14 (99th percentile)
- 100.00
- 61.14 (95th percentile)
- 39.64 (90th percentile)
- 21.80 (75th percentile)
- 0.00

LEGEND

- Soil sample site
- Rock sample
- Silt sample
- au As value in ppb (only values > 10 ppb shown)

Note: Contour interval 500 feet

0 0.5 1.0 1.5 2.0 2.5
KILOMETRES

094118

INTERNATIONAL KODIAK RESOURCES INC.

OKI DOKI PROPERTY
Yukon Territory

MAIN BLOCK
GOLD GEOCHEMISTRY

DATE : Mar, 2000	DATA BY : International Kodiak Resources Inc.
SCALE : 1:15000	FIGURE : 6-D

LUMINA DRAFTING LTD. yuk-gold

ZONE 7

ZONE 8

BOUNDARY BETWEEN ZONE 7 AND ZONE 8

WOW CLAIMS

GOOD NEWS

WOW CLAIMS

D BLOCK

BULSI CLAIMS

Antimony Creek

O Creek

O Brook

E BLOCK

AXIS CLAIMS

D BLOCK

B BLOCK

A BLOCK

Creek

Creek

B BLOCK

YES CLAIMS

C BLOCK

C BLOCK

Lake

7125000 m N

7120000 m N

7115000 m N

7110000 m N

7105000 m N

629000 m E

630000 m E

640000 m E

650000 m E

660000 m E

670000 m E

136°30'

136°25'

136°20'

136°15'

136°10'

136°05'

136°00'

64°15'

64°10'

64°05'

137°55'

137°50'

137°45'

N

LEGEND

- Soil sample site
- Rock sample
- Silt sample

Pt, Pd, Rh Platinum/Palladium/Rhodium (all in ppb)

Note: Contour interval 500 feet

0 0.5 1.0 1.5 2.0 2.5

KILOMETRES

094118

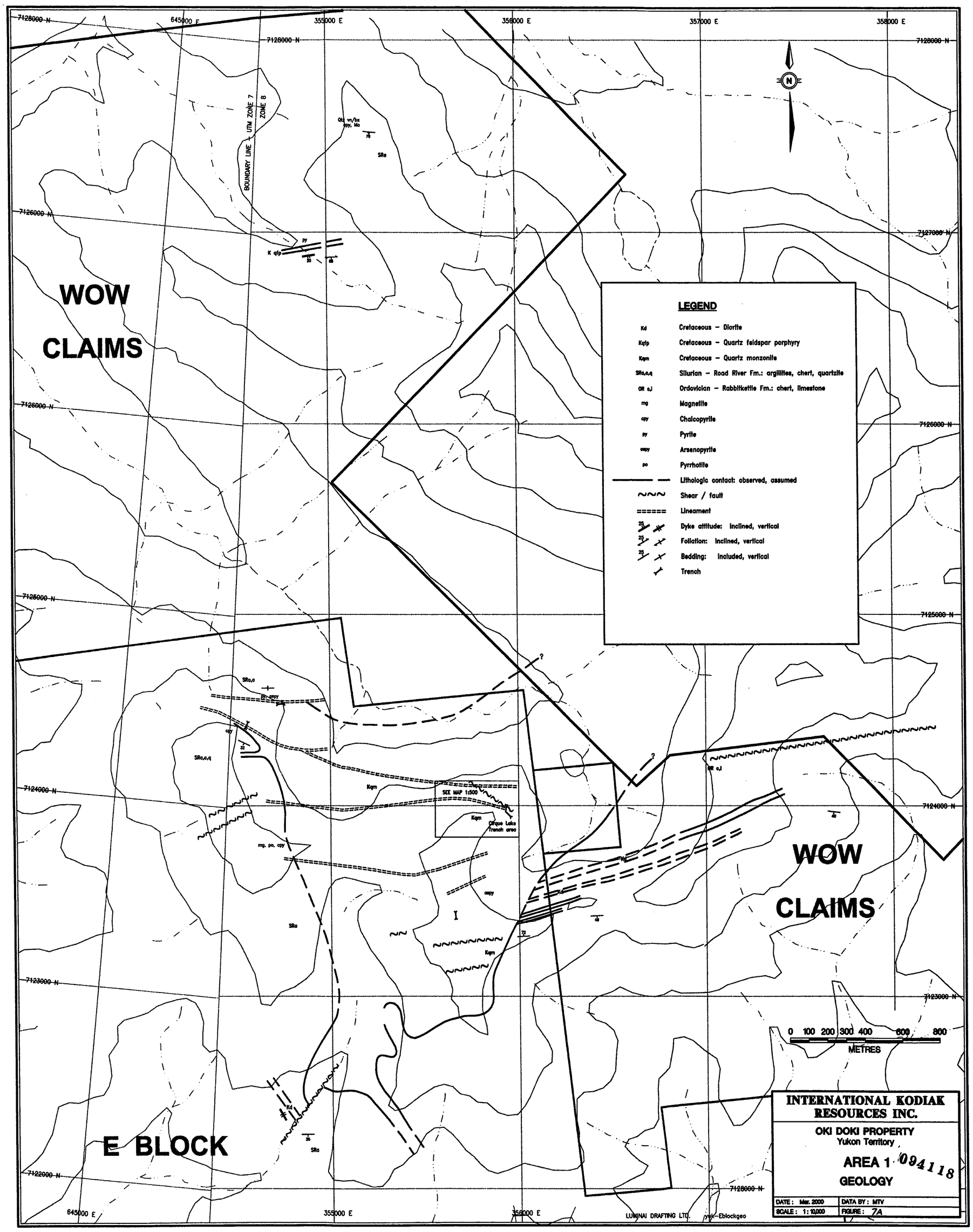
INTERNATIONAL KODIAK RESOURCES INC.

ORI DOKI PROPERTY
Yukon Territory

MAIN BLOCK
PLATINUM, PALLADIUM, RHODIUM GEOCHEMISTRY

DATE: Mar. 2000	DATA BY: International Kodiak Resources Inc.
SCALE: 1:50,000	FIGURE: 2

LUMBUM DRAFTING LTD. yuk-plat


7128000 N
645000 E
355000 E
356000 E
357000 E
358000 E
7126000 N
7127000 N
7125000 N
7124000 N
7123000 N
7122000 N
BOUNDARY LINE - UTM ZONE 7 ZONE 8
WOW
CLAIMS
E BLOCK
Qtz vn/bx
spy, Mo
SRa
K qfp
py
25
45
LEGEND
Kd Cretaceous - Diorite
Kqfp Cretaceous - Quartz feldspar porphyry
Kqm Cretaceous - Quartz monzonite
SRa,c,q Silurian - Road River Fm.: argillites, chert, quartzite
OR cJ Ordovician - Rabbitkettle Fm.: chert, limestone
mg Magnetite
cpy Chalcopyrite
py Pyrite
aspy Arsenopyrite
po Pyrrhotite
Lithologic contact: observed, assumed
Shear / fault
Lineament
Dyke attitude: inclined, vertical
Foliation: inclined, vertical
Bedding: inclined, vertical
Trench
SRa,c
cpy
SRa,c,q
Kqm
SEE MAP 1:500
Cirque Lake Trench area
mg, po, cpy
OR cJ
0 100 200 300 400 600 800
METRES
INTERNATIONAL KODIAK RESOURCES INC.
OKI DOKI PROPERTY
Yukon Territory
AREA 1
094118
GEOLOGY
DATE : Mar. 2000
DATA BY : MTV
SCALE : 1:10,000
FIGURE : 7A
LUMINAI DRAFTING LTD.
mtv-Eblockgeo

355500 E | 355550 E | 355600 E | 355650 E | 355700 E | 355750 E | 355800 E | 355850 E | 355900 E | 355950 E | 356000 E

7124150 N | 7124100 N | 7124050 N | 7124000 N | 7123950 N | 7123900 N | 7123850 N

LEGEND

- MONZ. A — Type A monzonite: 15–20% broken feldspar phenocrysts. Fragment size varies widely up to 7–8mm.
- MONZ. B — Type B monzonite: 20–60% euhedral feldspar phenocrysts. Consistent phenocryst size, 2–5mm, usually trachytic.
- MONZ. C — Type C monzonite: equigranular with slightly higher visible biotite content.
- MONZ. D — Type D monzonite: megacrystic with euhedral feldspars up to 3 cm.
- Lithologic contact: observed, assumed
- Limit of fracture set trending 110°–125°, steep, south dipping
- Limit of fracture set trending 060°–080°, steep, SE dipping (Au Zone?)
- Shear / fault
- Lineament
- Carbonate alteration ±silicification ±gouge ±arsenopyrite/scorodite
- Outcrop limit
- Joint/cleavage attitude: inclined, vertical
- Vein attitude: mineralized, non mineralized inclined, vertical, horizontal
- Dyke attitude: inclined, vertical
- Shear/fault attitude: inclined, vertical
- Foliation: inclined, vertical
- Trachytic attitude
- Chip sample or gouge/soil channel
- Chip sample from trench
- Rock grab sample location: in situ, transported, petrographic sample site
- Soil sample location
- Magnetometer, magnetic susceptibility line station
- Scarp, spur
- Helicopter pad

0 5 10 15 20 30 40
METRES

094118

INTERNATIONAL KODIAK RESOURCES INC.

OKI DOKI PROPERTY
Yukon Territory

AREA 1
CIRQUE LAKE TRENCH AREA
GEOLOGY & SAMPLE LOCATION

DATE: Mar. 2000	DATA BY: MTV
SCALE: 1:500	FIGURE: 2.6

LUMINA DRAFTING LTD. yuk-500geo

7128000 N
645000 E
355000 E
356000 E
357000 E
7126000 N
7125000 N
7124000 N
7123000 N
7122000 N

BOUNDARY LINE - UTM ZONE 7 ZONE 8

WOW CLAIMS

E BLOCK

SEE INSET FOR SAMPLE RESULTS

SEE MAP 1:500

Cirque Lake Trench area

INSET 1:2500

LEGEND

Kd	Cretaceous – Diorite
Kqfp	Cretaceous – Quartz feldspar porphyry
Kqm	Cretaceous – Quartz monzonite
SRa,s,q	Silurian – Road River Fm.: argillites, chert, quartzite
OR o,l	Ordovician – Rabbitkettle Fm.: chert, limestone
mg	Magnetite
cpy	Chalcopyrite
py	Pyrite
aspy	Arsenopyrite
po	Pyrrhotite
	Lithologic contact: observed, assumed
	Trench
	Rock grab sample location: in situ, transported (results >100ppb Au, >1000ppb Ag, >30ppm Sb, >3ppm Bi, >250ppb Hg)
	Soil sample location (results >42.35ppb Au, >1219.5ppb Ag, >59.84ppm Sb >17.36ppm Bi, >882.6ppb Hg)
	Silt sample location (results ppb Au, ppb Ag, ppm Sb, ppm Bi, ppb Hg)

0 50 100 150 200 300 400
METRES

094118

INTERNATIONAL KODIAK RESOURCES INC.

OKI DOKI PROPERTY
Yukon Territory

AREA 1
GEOCHEMISTRY

DATE : Mar. 2000	DATA BY : MTV
SCALE : 1 : 5,000	FIGURE : 7 C

LUMINAI DRAFTING LTD. yuk-Eblockgeochem

355500 E
355550 E
355600 E
355650 E
355700 E
355750 E
355800 E
355850 E
355900 E
355950 E
356000 E

7124150 N
7124100 N
7124050 N
7124000 N
7123950 N
7123900 N
7123850 N

N

LEGEND

- Shear / fault
- Lineament
- Carbonate alteration ± silicification ± gouge ± arsenopyrite/scorodite
- Limit of fracture set trending 110°-125°, steep, south dipping
- Limit of fracture set trending 060°-080°, steep, SE dipping (Au Zone?)
- Chip sample or gouge/soil channel: continuous, composite
- Chip sample from trench
- Rock grab sample location: in situ, transported, petrographic sample site
- Soil sample location
- Magnetometer, magnetic susceptibility line station
- Sample results:

Rock –		Soil –	
Au	>100 ppb	Au	>42.55 ppb
Ag	>1000 ppb	Ag	>1218.5 ppb
As	>1500 ppm	Sb	>59.836 ppm
Sb	>30 ppm	Bi	>17.56 ppm
Bi	>3 ppm	Hg	>882.6 ppb
Cu	>150 ppm		
Hg	>250 ppb		

094118

0 5 10 15 20 30 40
METRES

INTERNATIONAL KODIAK RESOURCES INC.

OKI DOKI PROPERTY
Yukon Territory

AREA 1
CIRQUE LAKE TRENCH AREA
GEOCHEMISTRY

DATE : Mar. 2000	DATA BY : MTV
SCALE : 1:500	FIGURE : 22

LUMINA DRAFTING LTD. yuk-500vol

649000 E

7114000 N

6400 E | 6500 E | 6800 E | 6700 E | 6800 E | 6900 E | 7000 E | 7100 E | 7200 E | 7300 E | 7400 E

3700 N — 3600 N — 3500 N — 3400 N — 3300 N — 3200 N — 3100 N — 3000 N

99R10314 | 99R10315 | 99R10316 (258.6 ppm Au) | 99R10317 | 99R10310 | 99R10311 | 99R10312 (porphyritic) | 99R10313 | 99R10240 (853.2 ppm Au) | 99R10243

99R10543 (2.7 ppm Ag) 99R10544 99R10545 99R10546 | 99R10386 99R10385 | 99R10299 | 99R02126 (111.7 ppb Au, 1259.5 ppm Ag) | 99R10288 | 99R10286 | 99R10296 (490 ppb Au) 99R10285A | 99R10287 | 99R02121 (382.1 ppb Au, 1886 ppm Ag) | 99R10384 | ch (talus) 99R10377 | 99R02117 (160.7 ppb Au, 1438 ppm Ag) 99R02119 (89.3 ppb Au, 671 ppm Ag) | 99R05314 (211.6 ppb Au, 1824 ppm Ag) 30cm 99R05313 (137 ppb Au, 1376 ppm Ag) 60cm 99R05312 (148 ppb Au, 1364 ppm Ag) 80cm | 99R10258 | 99R03084 99R03085 (104 ppb Au, 125.7 ppb Ag, 2.24 ppm Ba) 99R03087 (1.1 ppm Ag) 99R03086 | 99R10239

99R04307 (357 ppb Au, 692 ppm Ag) 30cm 99R04308 (364 ppb Au, 888 ppm Ag) 60cm 99R04309 (506 ppb Au, 986.1 ppm Ag) 170cm

7113000 N

649000 E

LEGEND

SYMBOLS		SEDIMENTARY ROCKS	
	Outcrop	arg	Argillite
	Talus	ch	Chert
	Lithologic contact: observed, assumed	st	Siltstone
25	Layering: included, vertical	lst	Limestone
+	Soil sample (rock chip lithology)		
▲·····▲	Rock sample (intermittant rock samples)		INTRUSIVE ROCKS
-	No sample	monzonite	Monzonite
	Pit	felsic intr.	Felsic intrusive
	Creek	bm	Biotite monzonite
	Helicopter pad	mafic intr.	Mafic intrusive
		granite	Granite

Soil Pits

0 25 50 75 100 150 200
METRES

LUMINAI DRAFTING LTD. yuk-area5

INTERNATIONAL KODIAK RESOURCES INC.

OKI DOKI PROPERTY
Yukon Territory

AREA 5

GRID GEOLOGY, ROCK SAMPLES, ROCK ASSAYS

DATE : Mar. 2000	DATA BY : International Kodiak Resources Inc.
SCALE : 1:2,500	FIGURE : 13A

094118

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.)
852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 3.1/#1 File # 9902158 Page 1

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
L2100E 3475N	6.32	39.88	19.66	90.2	571	31.6	7.0	175	4.31	18.3	.8	5.6	4.0	72.1	.38	7.73	.36	42	.06	.078	4.6	17.8	.22	453.5	.009	2	1.40	.020	.31	<.2	.34	50	5.2	.14	2.7	.66
L2100E 3450N	20.10	163.06	15.83	485.6	2757	172.6	24.6	364	8.01	54.4	12.5	14.2	3.1	181.1	7.16	14.53	.15	605	.15	.371	7.5	76.6	.08	222.7	.029	4	3.53	.029	.83	<.2	1.22	461	17.9	.19	3.5	2.12
L2100E 3425N	3.81	58.58	7.74	69.5	1737	26.9	4.7	188	2.00	14.8	4.4	7.8	<.1	41.4	1.75	5.40	.17	176	.21	.151	9.2	36.8	.34	596.7	.020	1	1.48	.008	.05	<.2	.39	290	6.0	.10	5.1	.03
L2100E 3400N	2.44	44.53	7.64	103.5	1217	31.8	10.0	404	2.32	15.2	3.3	6.9	1.6	37.5	1.54	3.07	.17	147	.29	.143	11.5	42.5	.53	1002.2	.038	<1	1.79	.011	.06	.3	.26	223	4.1	.09	4.8	.02
L2200E 3950N	2.62	160.07	8.13	754.3	6154	149.6	5.4	242	1.63	24.9	10.3	11.1	1.3	146.0	34.71	14.64	.18	468	2.24	.547	11.7	102.1	.15	2061.7	.011	6	1.01	.011	.09	.2	.50	752	28.5	.23	3.7	.12
L2200E 3875N	8.52	49.22	11.93	275.8	768	40.0	6.2	113	2.31	17.2	1.7	5.0	<.1	59.4	2.46	7.36	.20	155	.11	.113	3.8	24.0	.07	704.8	.006	3	.63	.007	.13	<.2	.50	249	5.0	.11	2.7	.16
L2200E 3775N	3.19	75.16	13.02	183.0	2315	42.6	1.0	23	1.13	11.9	3.8	3.8	<.1	67.4	7.07	6.97	.28	227	.13	.084	3.2	60.3	.04	816.9	.006	4	.40	.006	.10	<.2	.29	359	16.9	.20	2.8	.20
L2200E 3750N	7.61	132.16	10.08	35.9	4686	21.3	<.1	8	.61	11.6	12.7	3.7	<.1	96.1	6.49	9.44	.41	634	.18	.148	6.0	90.7	.04	2408.6	.011	4	.64	.009	.08	<.2	1.59	389	33.2	.26	5.1	.15
L2200E 3725N	23.38	198.65	15.92	98.2	7724	34.1	.5	18	1.37	32.6	23.9	7.1	<.1	133.6	11.67	28.99	.24	1453	.43	.324	11.0	157.7	.07	1847.0	.014	8	.90	.007	.19	.3	3.98	718	109.3	.59	10.6	.32
L2200E 3700N	11.99	318.99	20.76	993.2	12632	287.7	5.7	158	5.37	116.3	23.5	32.5	4.5	409.3	12.01	73.77	.32	1813	.79	.968	8.2	165.0	.09	1931.8	.015	4	2.53	.009	.15	.4	1.28	1170	82.5	.96	6.1	.28
L2200E 3675N	26.08	314.54	10.18	125.6	15017	36.2	.8	32	1.83	36.1	28.5	19.1	1.3	231.2	18.54	18.48	.18	720	.85	.922	12.3	162.4	.07	3725.7	.012	5	1.29	.008	.09	.3	1.78	1226	53.6	.60	7.5	.24
L2200E 3650N	20.27	562.28	8.90	715.4	14519	450.9	2.6	21	2.39	62.2	44.8	18.7	2.1	312.1	25.30	120.85	.14	1212	1.76	1.111	16.8	405.3	.06	2888.8	.010	5	1.27	.007	.08	.6	.44	2207	31.8	1.29	8.7	.19
L2200E 3625N	79.50	490.88	16.56	729.9	16592	127.2	2.3	34	2.93	62.2	34.4	16.6	.3	275.1	22.13	53.75	.26	1587	.73	.546	12.1	212.0	.10	1197.7	.008	11	1.25	.011	.29	.4	5.21	979	122.9	.78	13.3	.60
L2200E 3600N	15.23	231.83	18.83	2632.0	6376	617.9	59.9	8198	3.52	68.8	9.0	16.9	3.1	192.8	78.01	64.95	.81	868	1.12	.601	6.7	82.2	.06	3207.9	.014	11	.86	.006	.15	.4	3.22	1091	33.9	.20	3.5	<.01
L2200E 3575N	29.36	264.04	16.39	836.8	5170	201.1	33.6	821	2.84	49.1	20.3	17.6	2.9	304.7	18.72	25.67	.31	459	1.18	.793	14.4	172.6	.11	5708.7	.018	12	1.44	.007	.20	.3	1.47	504	32.0	.32	5.1	.17
L2200E 3550N	2.73	74.16	15.73	377.3	133	77.4	21.2	676	3.52	10.2	1.8	10.6	2.2	38.2	2.38	3.08	.31	33	.03	.083	4.5	20.7	.13	276.1	.009	2	1.18	.005	.13	<.2	.29	84	3.4	.11	2.1	.06
L2200E 3525N	3.01	42.08	13.30	202.6	208	37.5	13.7	962	3.84	11.3	1.5	4.2	3.5	66.4	.83	2.59	.26	83	.09	.111	7.3	29.9	.35	474.1	.032	2	1.67	.009	.18	<.2	.26	64	3.8	.09	4.0	.21
RE L2200E 3525N	2.93	39.51	12.99	191.3	201	34.8	12.7	928	3.67	10.7	1.4	4.3	3.5	64.9	.80	2.55	.25	79	.08	.106	7.1	28.9	.33	448.4	.031	1	1.57	.009	.17	<.2	.24	44	3.6	.08	3.8	.21
L2200E 3500N	6.22	59.67	14.49	338.8	694	46.9	9.4	482	3.01	13.4	3.8	8.3	1.7	82.9	2.99	5.95	.25	144	.22	.161	8.4	30.6	.24	783.1	.031	2	1.51	.009	.17	<.2	.64	99	9.4	.11	4.5	.24
L2200E 3475N	5.34	51.59	12.90	331.8	856	55.3	8.4	265	3.69	27.1	8.3	10.8	1.9	185.4	3.64	10.74	.21	265	.56	.426	8.7	49.9	.37	1372.2	.041	3	1.82	.011	.23	<.2	.89	202	10.2	.17	4.9	.35
L2200E 3450N	7.32	54.72	10.64	110.6	2543	47.8	8.1	295	2.46	19.5	6.1	7.5	2.4	73.9	1.36	6.61	.23	228	.41	.344	11.9	84.0	.40	944.5	.045	1	1.91	.010	.11	.2	.63	198	20.2	.20	5.8	.13
L2200E 3425N	24.32	80.63	13.25	479.4	2801	92.0	9.9	307	2.77	38.8	9.4	11.9	2.4	86.3	4.07	22.08	.26	589	.31	.223	8.9	87.2	.31	1104.4	.038	4	1.51	.009	.19	.3	2.62	194	57.8	.33	6.8	.28
L2200E 3400N	5.96	33.91	8.33	68.2	902	35.8	9.8	294	2.69	17.7	4.1	6.8	1.8	44.1	1.07	5.14	.21	242	.26	.149	10.2	46.8	.46	666.3	.046	1	2.11	.011	.07	.3	.60	105	6.4	.10	6.0	.03
L2300E 4000N	1.63	30.22	14.63	125.8	129	14.1	4.1	124	5.20	8.2	.3	1.3	.6	29.5	.34	1.08	.32	36	.06	.082	2.9	10.3	.05	469.8	.009	3	.79	.009	.38	<.2	.26	25	1.4	.15	4.4	.79
L2300E 3975N	11.02	101.31	7.55	124.7	842	32.4	7.6	162	6.13	22.3	1.4	3.2	2.3	80.3	.48	10.20	.09	148	.21	.167	8.0	40.6	.05	224.3	.021	4	.83	.014	.49	<.2	.58	844	7.0	.07	3.1	1.64
L2300E 3950N	7.62	58.82	11.39	132.7	433	25.0	1.7	42	1.45	7.0	.9	7.1	<.1	65.7	.69	3.09	.17	72	.43	.122	4.2	26.9	.07	648.9	.019	5	.48	.012	.18	<.2	.29	136	7.3	.17	2.7	.26
L2300E 3925N	7.16	82.24	10.05	148.1	2383	24.2	.8	23	.91	6.0	6.7	7.2	<.1	47.5	16.18	8.40	.17	215	.21	.119	4.6	32.3	.05	942.7	.007	2	.60	.007	.05	<.2	.63	508	23.9	.20	3.5	.09
L2300E 3900N	23.68	95.30	9.93	237.2	5033	33.8	1.2	49	1.80	17.9	12.7	5.4	<.1	175.5	13.19	17.95	.19	556	.74	.631	7.5	116.0	.11	2840.0	.016	7	1.33	.014	.13	.2	1.46	296	23.6	.43	7.7	.15
L2300E 3875N	3.69	75.86	12.19	486.5	563	75.2	22.8	1297	5.58	12.9	1.3	9.0	1.2	114.7	4.21	5.71	.22	108	.84	.171	5.6	40.1	.34	2495.7	.009	4	1.15	.008	.14	<.2	.41	404	8.0	.09	2.8	.16
L2300E 3850N	9.49	57.40	13.65	1015.5	167	102.5	11.7	210	4.17	11.0	1.7	1.6	.5	53.8	1.28	1.84	.29	63	.02	.086	5.1	24.1	.09	314.8	.028	2	1.64	.009	.13	<.2	.17	35	2.0	.07	5.3	.14
L2300E 3825N	10.55	109.42	12.77	2246.6	1093	234.6	27.7	671	5.63	33.9	3.4	7.1	<.1	117.3	20.04	13.39	.22	522	.17	.366	4.0	52.9	.08	1113.6	.013	5	1.27	.009	.24	<.2	.82	268	47.7	.21	3.3	.37
L2300E 3800N	12.41	49.44	11.43	67.5	14960	11.9	1.7	81	1.71	12.8	7.3	4.1	1.3	56.7	3.89	4.55	.23	301	.20	.296	9.1	65.0	.11	626.1	.046	2	1.16	.010	.08	.2	.92	311	22.9	.14	6.6	.07
L2300E 3775N	2.96	22.76	14.30	98.2	2323	15.1	.7	25	1.15	7.0	1.6	1.4	.7	69.3	1.82	2.04	.25	136	.07	.117	4.9	61.1	.05	924.7	.016	4	.62	.006	.12	<.2	.21	83	25.5	.08	3.4	.17
L2300E 3750N	3.31	51.73	15.12	394.4	1802	71.7	4.6	166	2.99	36.8	2.0	3.9	2.7	75.2	9.71	6.85	.32	428	.15	.275	8.0	72.8	.26	1525.1	.027	2	1.84	.008	.09	<.2	.27	114	16.9	.52	6.9	.12
STANDARD DS2	14.47	129.93	30.75	165.0	265	38.2	12.4	823	3.18	63.4	21.4	214.5	3.1	28.1	11.95	9.94	11.45	79	.56	.081	13.2	173.7	.65	147.5	.118	1	1.88	.039	.16	7.6	2.15	246	2.3	1.86	6.0	.01

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: SOIL Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 12 1999 **DATE REPORT MAILED:** July 19/99 **SIGNED BY:** .....D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data ✓ FA ___

ACME ANALYTICAL

International Kodiak Resources Inc. PROJECT AREA 3.1/#1 FILE # 9902158 Page 2

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
L2300E 3725N	16.56	52.12	13.05	72.0	5896	17.2	2.1	66	1.90	20.8	11.3	4.5	1.0	95.4	4.65	12.54	.27	757	.22	.467	7.4	76.7	.09	1238.2	.013	4	.97	.006	.09	.2	1.66	340	22.0	.22	6.7	.09
L2300E 3700N	19.38	193.22	12.29	209.4	9780	82.4	1.0	25	1.51	31.8	22.8	12.3	1.4	204.4	17.83	22.06	.22	902	.92	.609	10.7	141.3	.07	1530.4	.012	8	.81	.006	.14	.2	1.48	1623	43.4	.34	5.7	.22
L2300E 3675N	17.82	110.89	10.66	336.1	3470	79.2	3.9	54	2.54	30.7	12.2	3.3	.5	181.0	13.76	21.81	.17	759	.44	.227	5.1	45.1	.05	1177.2	.004	10	.58	.007	.23	<.2	1.38	668	27.4	.23	3.2	.39
L2300E 3650N	38.27	264.77	11.96	841.8	12467	186.5	2.7	76	1.43	49.4	23.8	6.3	2.1	260.8	31.70	37.71	.18	1395	1.47	.556	11.2	169.6	.18	1872.1	.008	12	.75	.007	.18	.3	1.91	1740	48.7	.52	6.9	.27
L2300E 3625N	16.02	148.04	9.22	794.4	5690	144.9	9.8	293	1.46	20.3	17.1	15.0	1.5	150.7	13.54	18.54	.18	418	1.32	.204	7.0	51.1	.13	2059.4	.007	8	.73	.005	.12	<.2	1.64	1336	11.0	.18	3.4	.12
L2300E 3550N	1.93	61.34	14.61	346.0	125	49.9	15.1	453	2.87	5.4	6	1.0	.3	38.2	.70	1.39	.35	32	.05	.062	3.4	12.0	.04	504.4	.007	4	.69	.005	.20	<.2	.20	50	1.1	.08	2.5	.13
L2300E 3525N	16.98	106.23	17.36	554.4	1359	86.3	8.6	168	4.58	26.0	7.1	7.3	.3	314.3	9.46	12.96	.21	234	.17	.310	5.5	26.5	.07	330.0	.013	3	.96	.011	.42	<.2	2.13	258	35.7	.19	3.0	.86
L2300E 3500N	6.06	80.52	16.36	749.3	1778	105.1	15.2	293	4.03	22.8	4.3	3.4	.2	135.0	8.13	7.85	.31	209	.12	.204	6.1	35.0	.07	783.3	.021	1	1.04	.007	.13	<.2	.77	162	31.5	.18	4.7	.23
L2300E 3475N	8.08	31.82	16.29	297.8	1206	51.0	10.6	255	4.23	31.6	2.6	5.5	2.8	134.4	3.63	8.19	.41	373	.07	.157	7.8	39.4	.32	807.9	.017	3	2.32	.008	.17	<.2	1.29	127	11.5	.18	6.5	.23
L2300E 3450N	5.16	48.80	15.14	122.5	1054	29.1	6.0	203	2.61	24.8	4.1	7.1	<.1	146.4	1.65	10.85	.30	391	.15	.237	13.2	47.6	.32	1053.4	.021	1	1.68	.007	.06	<.2	.44	211	5.4	.25	6.7	.05
L2300E 3425N	4.41	23.88	10.07	58.6	687	14.4	5.9	212	3.23	22.5	2.8	4.6	.1	35.1	.58	4.99	.24	313	.12	.133	11.1	39.0	.34	395.3	.027	1	1.57	.007	.06	.2	.42	247	4.6	.08	6.9	.02
L2300E 3400N	5.73	20.58	10.94	42.5	505	12.0	4.3	146	2.35	17.7	1.8	3.1	<.1	40.7	.55	6.79	.24	242	.10	.156	8.9	32.4	.21	1006.6	.016	<1	1.05	.007	.05	<.2	.47	93	7.0	.16	6.7	.07
L2400E 4000N	12.26	118.82	13.18	89.2	1231	28.8	3.8	74	3.68	26.1	4.3	10.3	.5	68.1	1.79	4.07	.23	156	.03	.134	6.9	33.6	.05	320.3	.010	3	.90	.009	.38	<.2	.74	567	5.6	.12	3.0	.86
L2400E 3975N	9.44	74.25	16.72	136.1	244	21.8	4.7	138	4.23	17.0	.6	3.0	2.6	39.8	.02	2.07	.39	86	.03	.075	4.3	24.8	.12	327.1	.029	1	1.02	.006	.17	<.2	.22	48	4.2	.14	5.6	.28
L2400E 3950N	8.20	70.87	19.06	199.4	128	28.1	8.3	218	4.09	15.7	.9	4.0	3.5	37.6	.25	3.74	.35	92	.05	.091	7.7	30.9	.25	169.7	.037	<1	1.51	.006	.07	<.2	.16	38	5.2	.12	5.8	.07
L2400E 3925N	1.87	82.31	9.22	346.0	309	37.1	12.0	321	2.54	10.1	1.5	32.1	5.0	47.8	1.24	5.43	.32	81	.10	.054	8.6	28.2	.46	245.2	.039	<1	1.71	.008	.07	.2	.07	247	3.9	.11	3.7	.09
L2400E 3900N	12.87	65.21	11.15	266.9	2412	25.8	3.7	128	1.86	20.3	4.9	4.4	1.3	87.5	6.97	15.27	.22	765	.33	.261	9.4	70.9	.21	1247.9	.027	1	1.45	.006	.07	.3	1.31	373	8.6	.23	6.7	.10
L2400E 3800N	2.22	102.06	8.07	299.1	2238	42.0	2.7	54	1.63	6.8	9.5	5.5	.4	59.7	16.13	3.30	.15	117	.26	.196	5.9	28.2	.10	870.2	.008	3	.70	.006	.06	<.2	.47	678	17.3	.11	3.2	.15
L2400E 3700N	10.50	145.38	12.31	1417.5	3800	184.4	15.6	402	3.49	31.0	14.6	10.6	1.1	161.4	12.46	14.04	.19	522	1.63	.298	8.5	37.9	.26	1188.2	.003	8	.59	.010	.21	<.2	.90	926	24.5	.20	2.2	.53
L2400E 3675N	2.94	43.57	9.47	1021.3	2619	109.7	12.0	1305	2.00	16.7	3.3	5.4	1.9	493.5	12.64	5.41	.14	316	13.49	.070	3.7	29.8	7.71	1479.3	.004	3	.18	.017	.05	<.2	.29	557	17.4	.16	.6	.10
L2400E 3650N	52.29	502.69	13.80	463.0	8782	109.9	4.2	167	2.36	66.6	62.9	3.7	2.7	248.0	50.73	36.98	.15	2211	1.27	1.247	16.0	250.3	.11	527.1	.018	18	1.59	.009	.30	<.2	2.47	1957	170.7	.65	7.6	.48
L2400E 3600N	4.28	59.02	11.18	201.5	2750	23.6	2.5	53	1.25	7.5	4.4	4.4	.6	55.9	2.51	4.12	.20	105	.13	.106	4.0	26.8	.05	457.6	.004	3	.49	.004	.11	<.2	.49	446	6.8	.10	2.7	.15
RE L2400E 3600N	3.89	60.04	10.15	202.3	2514	23.9	2.2	52	1.30	6.9	4.0	5.7	.4	73.1	2.29	3.67	.17	113	.14	.109	4.2	25.4	.05	459.1	.008	4	.50	.005	.12	<.2	.60	410	6.1	.10	2.7	.14
L2400E 3550N	10.33	70.55	39.89	802.3	731	69.6	5.7	72	6.23	34.8	2.3	5.7	.5	168.7	1.98	22.81	.58	101	.04	.219	3.7	18.0	.04	441.2	.010	3	.77	.011	.35	<.2	.66	152	11.7	.38	4.4	.63
L2400E 3525N	5.09	34.34	15.56	321.6	267	27.2	3.8	71	4.60	24.7	.9	1.7	1.6	50.2	.83	8.97	.35	50	.03	.109	3.6	17.2	.08	493.7	.018	1	.89	.007	.32	<.2	.36	37	4.3	.12	4.2	.57
L2400E 3500N	17.47	374.10	16.57	1301.1	17195	263.9	5.0	201	2.94	65.7	34.5	20.9	3.0	476.4	13.88	20.42	.32	449	3.93	1.726	19.7	258.3	.14	1720.0	.013	25	1.55	.014	.43	<.2	.86	2515	32.4	.43	6.5	.44
L2400E 3475N	3.71	60.91	19.30	345.7	407	30.1	8.9	249	4.11	12.9	1.1	2.4	.9	64.0	2.63	8.89	.37	76	.08	.125	7.5	20.1	.11	718.5	.023	3	.85	.008	.24	<.2	.26	75	3.7	.10	4.2	.36
L2400E 3450N	7.42	42.32	9.57	146.2	1613	38.8	7.1	197	2.56	31.8	6.5	11.5	1.7	83.7	2.37	13.97	.20	593	.31	.326	10.3	49.2	.38	714.1	.027	2	1.55	.007	.07	.3	.79	304	9.7	.20	5.5	.06
L2400E 3425N	26.09	67.27	12.04	89.4	13297	20.4	3.5	74	3.13	44.3	16.3	7.1	5.0	287.5	7.35	22.92	.22	948	1.37	1.403	13.0	115.6	.21	2092.6	.030	6	1.91	.009	.22	.5	3.14	393	69.2	.64	9.1	.26
L2400E 3400N	16.41	47.22	14.77	67.7	3568	18.7	3.3	75	2.13	18.7	8.9	3.5	1.6	85.6	2.63	11.62	.26	455	.14	.350	9.7	66.9	.11	1099.5	.036	1	1.23	.006	.07	.3	1.36	202	14.2	.20	7.3	.08
L2500E 3950N	2.88	71.71	12.97	83.7	1687	20.6	2.4	37	1.12	6.6	5.4	11.2	1.1	200.2	.92	2.01	.21	95	.12	.202	10.9	23.2	.06	1036.8	.005	5	.85	.003	.09	<.2	.67	1325	9.6	.08	3.2	.07
L2500E 3850N	8.73	99.91	8.97	388.5	2153	59.1	2.8	69	1.16	13.8	7.2	4.1	<.1	53.8	5.28	10.20	.16	221	.43	.152	8.2	39.8	.08	869.5	.009	2	.53	.006	.04	<.2	.58	400	7.0	.12	2.8	.08
L2500E 3750N	10.79	168.38	15.04	1521.2	2887	156.3	11.8	228	5.63	32.1	9.6	7.6	3.1	199.3	59.50	26.56	.31	673	.46	.326	4.8	45.4	.05	299.7	.006	5	.80	.011	.51	<.2	.78	657	17.6	.43	2.5	1.13
L2500E 3725N	13.95	294.39	13.17	311.7	5468	60.3	4.3	74	2.07	21.1	15.4	19.4	2.5	271.9	4.07	11.24	.30	445	.66	.683	10.6	100.8	.21	3567.2	.011	6	1.83	.008	.14	.3	1.32	928	33.8	1.25	6.4	.24
STANDARD DS2	14.66	128.68	30.78	164.0	260	38.1	15.1	812	3.13	63.6	26.0	198.5	3.5	36.5	11.06	10.40	11.23	82	.55	.081	14.3	158.6	.60	136.4	.118	1	1.72	.035	.15	6.5	2.36	289	1.9	1.90	5.7	.02

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data ✓ FA ___

ACME ANALYTICAL

International Kodiak Resources Inc. PROJECT AREA 3.1/#1 FILE # 9902158 Page 3

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
L2500E 3700N	6 52	162 50	5.99	1649.2	576	200.7	56.2	1088	6.37	14.6	4.0	4.2	4.8	75.1	6.08	3.41	.08	122	.63	.350	34.7	15.6	.09	1034.7	.015	4	1.01	.009	.13	<.2	.21	92	6.0	.02	1.8	.14
L2500E 3650N	10 91	76 61	18 72	557 1	1250	66.7	11.9	334	4.18	36.1	4.2	11.7	4.0	81.3	3.11	19.14	.28	608	.28	.249	7.1	33.8	.25	633.2	.013	3	1.55	.012	.25	.2	.59	145	11.2	.17	3.8	.49
L2500E 3625N	11.95	92.75	14.15	391.6	3565	44.9	3.7	147	1.90	16.9	6.6	9.7	.9	72.8	7.26	11.94	.25	433	.27	.161	5.5	42.7	.14	932.0	.009	3	.83	.006	.12	<.2	.86	436	23.2	.27	4.5	.21
L2500E 3600N	35 86	261 94	12.73	146.8	10762	45.0	.8	36	1 55	26.1	23.3	4 6	<.1	122.5	12.71	12.65	.19	551	.47	.242	10.0	152.8	.05	1153.2	.008	4	.48	.006	.13	.2	.82	377	53.9	.43	4.6	.44
L2500E 3575N	25 58	180 74	13 48	303 5	7284	60 8	3.1	72	1.92	27.6	15.8	4.5	<.1	154.6	11.21	12.27	.21	481	.56	.311	9 1	107.9	.09	1489.2	.009	5	.66	.008	.14	<.2	1.38	318	44.9	.38	6.2	.38
L2500E 3550N	26 92	277 24	10 89	899.7	16124	169.1	7.6	194	1.89	39.8	24.1	14 1	1.6	258.5	15.91	17.00	.15	538	2.38	.920	13.0	217.7	.23	2652.4	.009	12	.90	.009	.19	.2	.71	1133	35.8	.41	5.8	.28
L2500E 3500N	9 58	87 66	10 62	1523 9	5010	125 8	20.6	609	2 09	39 7	6.9	15 0	1.0	200.1	7.53	23.02	.22	161	1.64	.477	5.3	105.5	.34	1710.5	.007	6	.78	006	.10	<.2	.41	607	18.6	25	3.2	.07
L2500E 3425N	74 04	325 74	15 79	2190 2	7132	331 7	5.9	253	1.82	81.9	26.1	11.8	1.4	194.7	45.84	50.26	.21	893	2.97	.376	6.1	81.5	1.50	1537.3	008	10	.76	.009	.21	.3	1.52	1438	22.6	.29	4.7	.16
L2500E 3400N	18 05	59 10	17 63	142.5	3032	24 8	2.5	101	4.22	30.1	6 9	5.1	<.1	98.2	5.48	13.59	.23	550	.23	.446	5.6	44.7	.08	418.2	.015	4	.88	.011	.39	<.2	1.33	282	24.8	.27	4.6	.90
L2700E 4000N	10.67	84 63	13.58	404.2	5850	72.6	5.0	162	3.04	34.6	8.6	8.1	1.0	78.3	2.57	6.54	.41	353	.18	.605	10.4	79.3	.21	1782.3	.027	2	2.14	.008	.06	.3	.68	450	5.6	.17	5.4	.15
L2700E 3975N	10.24	73.57	14 46	159 1	1175	39.4	5.2	106	3.67	14.6	2.4	11.5	1.0	80.8	.61	1.93	.25	102	.10	.211	5.3	24.9	.06	1105.1	.005	5	.81	.006	.24	<.2	.35	514	4.1	.13	2.9	.41
L2700E 3800N	57.89	277 70	11 60	3157 0	14955	326 0	5 1	340	1.76	52 3	21.4	20.2	.4	258.5	55.98	50.93	.17	1146	4.48	.654	26.0	183.7	.19	1618.7	.009	13	.99	.008	.16	.4	2.10	1669	59.6	.44	6.1	.17
L2700E 3750N	35.95	235.47	13.00	96 2	6449	22.1	.9	35	2.23	34.7	17.6	20.2	1.9	180.8	12.36	16.12	.25	747	.63	1.052	9.7	94.0	.08	2189.7	.010	5	1.55	.007	.12	.4	1.88	835	30.9	.66	5.4	.19
L2700E 3725N	39.60	265 65	14.39	469.8	5099	67.0	1.9	48	2.24	34.4	21.5	19.4	2.1	220.8	20.81	17.46	.26	486	1.13	1.027	12.1	89.9	.08	1989.5	.007	8	1.41	.010	.20	.3	1.88	957	80.0	1.34	5.4	.34
L2700E 3700N	39.48	222 14	12.93	61.7	5422	31.3	2.5	84	1.87	35.3	17.0	18.8	2.3	145.4	5.07	14.74	.21	1270	.54	.575	10.4	101.6	.18	1446.7	.012	5	1.56	.009	.13	.3	2.59	792	32.8	.63	6.5	.14
L2700E 3675N	36.38	463.52	11.94	69.1	5177	29 5	3.2	134	2.66	37.1	16.8	5.6	3.3	118.2	4.88	13.28	.48	626	1.31	1.137	11.3	102.3	.22	1595.9	.026	7	1.81	.012	.16	.4	1.19	515	56.2	.37	8.0	.18
L2700E 3600N	6 16	69.90	22.65	175.3	219	30.6	6.6	219	4.24	17.8	1.2	7.2	.6	52.1	.57	1.98	.51	50	.07	.121	3.4	14.7	.04	521.1	.006	4	.62	.005	.22	<.2	.23	135	2.0	.24	2.8	.28
L2700E 3575N	4.91	63.02	26.98	183.7	428	31.8	10.3	1311	4.34	12.2	1.2	9.8	1.1	52.3	.69	1.75	.57	42	.06	.118	4.4	13.8	.05	609.3	.006	4	.73	.005	.17	<.2	.16	281	1.6	.26	2.6	.16
L2700E 3550N	1.92	67.06	15.92	251.3	219	36.0	9.3	713	4.34	6 2	.9	8.1	2.0	54.0	1.19	1.94	.39	20	.02	.046	3.0	10.2	.03	392.3	.006	3	.61	.008	.34	<.2	.18	114	1.1	.19	1.6	.74
L2700E 3525N	1.31	107.16	21.89	219.8	152	38.1	11.4	350	7.99	4 7	.6	4.5	2.3	72.1	.16	1.86	.50	30	.01	.125	2.0	17.8	.03	402.6	.005	2	.99	.010	.37	<.2	.18	81	2.0	.20	2.0	.87
RE L2700E 4000N	11.11	82.76	14.28	398.6	5949	71.7	5.2	156	2.99	33.2	8.5	7.1	1.0	77.2	2.49	6.56	.29	346	.18	.593	10.4	78.2	.22	1768.3	.026	1	2.18	.008	.07	.2	.66	455	5.4	.16	5.4	.17
L2700E 3500N	7.24	182.30	24.19	370.9	474	96.0	24 0	754	8.09	12.8	3.1	18.1	6.6	58.6	4.41	8.04	.50	64	.07	.160	6.4	32.7	.07	630.0	.005	3	2.70	.009	.27	<.2	.43	182	13.6	.13	2.4	.66
L2700E 3400N	34.80	230 70	15 26	121.5	8793	39.6	3.3	164	2.47	59 9	27.3	12.4	2.3	181.7	12.70	41.40	.21	1214	.90	1.010	11.8	145.7	.21	2043.6	.025	5	1.41	.009	.16	.6	2.94	421	52.2	.55	8.5	.22
L2800E 3875N	25.49	119 77	14.30	1887.6	4113	87.2	3.7	171	1.40	36.4	9.8	7.5	<.1	96.2	25.60	32.75	.21	660	1.16	.249	5.9	63.5	.09	864.9	.011	3	.72	.007	.11	.2	2.45	418	32.8	.25	5.5	.25
L2800E 3850N	13.24	34.64	9.84	93.7	3325	13.8	3.9	171	3 16	37.6	7.8	12.4	.6	34.9	2.83	13.59	.25	567	.23	.734	9.2	47.8	.30	326.8	.031	2	2.26	.010	.08	.4	.61	543	28.1	69	6 9	.09
L2800E 3800N	7.50	93 70	24.70	159.7	5096	3o 7	4.1	108	3.77	21.0	6.0	10 6	1.8	193.1	1.98	7.40	.33	193	.12	.435	7.6	60.6	.08	1257.3	.021	5	1.46	.012	.33	<.2	1.36	459	21.8	.30	5.1	.58
L2800E 3775N	2 63	15.66	19 82	21.5	763	4.1	.8	47	1.90	14.2	2	14 0	<.1	66.5	.12	3.08	.37	63	.02	.077	3.5	22.1	.04	522.8	.028	2	.53	.007	.18	<.2	.52	300	3.1	.14	4 3	.35
L2800E 3750N	2.78	34.59	22.37	127.7	645	24 1	5 1	124	2.82	11.6	.3	2.2	<.1	73.1	1.39	2.72	.47	100	.03	.080	8.9	35.4	.04	504.0	.047	1	.65	.008	.12	<.2	.37	64	2.9	.16	7.1	.21
L2800E 3725N	5.00	30.24	11.99	302.2	838	41.9	7.5	162	3.40	9.8	5	1.0	1.3	47.6	1.06	2.57	.22	110	.05	.104	6.9	26.7	.20	721.3	.012	2	1.90	.010	.20	<.2	.31	69	3.6	.06	5.4	.37
L2800E 3700N	10 96	30.22	13.42	72 9	6595	17.3	3.6	168	2.50	17.7	7.6	2.8	1.0	80.1	3.01	6.73	.28	466	.52	.783	9.4	99.7	.24	1287.3	.025	3	1.84	.009	.10	.3	.84	110	8.5	.16	7.4	.05
L2800E 3675N	9 30	94.94	8.76	170.1	2789	45 5	5 6	172	2.39	20.1	7.0	4.0	.6	112.7	3.39	7.86	.14	360	.38	.386	10.0	59.7	.21	1172.0	.014	5	1.20	.008	.14	<.2	.77	211	11.5	.20	4.3	.20
L2800E 3625N	20.74	110.61	11.26	383 2	3420	61.2	4.7	97	1.82	24.7	11.3	5.4	.6	112.3	4.62	14.73	.16	375	.55	.244	7.5	73.8	.08	2119.0	.007	6	.58	.006	.15	<.2	.66	256	19.2	.19	3.0	.20
L2800E 3600N	4 93	51.79	21.42	172.1	490	30.3	7.0	89	4.71	12.8	.3	<.2	.1	52.6	.19	3.30	.33	50	.03	.054	2.1	22.0	.05	449.7	.013	5	.75	.011	.47	<.2	.44	70	3.5	.10	4.3	.76
L2800E 3575N	3.34	43.53	12.07	194.7	933	26 8	4.5	151	2.45	10.0	1.9	5.6	<.1	45.1	2.46	2.17	.26	91	.08	.135	4.7	20.1	.10	480.7	.018	2	.87	.011	.17	<.2	.21	192	7.3	.07	3.0	.25
STANDARD OS2	14.41	129 92	32.16	164.3	272	38.5	12.3	825	3.17	63.5	21.3	211.9	2.9	31.1	11.47	9.93	11.29	79	.56	.082	13.0	171.0	.64	141.4	.115	2	1.84	.039	.16	7.5	2.15	242	2.7	1.85	6.1	<.01

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data 4 FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
L2800E 3525N	20.76	73.35	14.37	201.2	34e5	27.6	1.9	48	2.30	19.2	7.2	3.1	<.1	167.6	5.92	14.73	.21	396	.11	.253	7.6	51.7	.06	968.5	.016	3	.90	.007	.20	<.2	1.26	189	37.7	.28	6.0	.30
L2800E 3500N	23.90	93.87	8.97	40.4	2298	11.5	1.5	59	1.71	18.7	12.7	5.2	<.1	159.5	3.24	23.29	.12	533	.15	.382	10.5	56.2	.11	1450.0	.014	3	.92	.005	.09	.2	1.96	284	22.4	.25	6.9	.12
L2800E 3475N	2.65	42.23	13.26	35.5	303	10.0	1.3	49	1.17	14.8	5.1	4.8	.1	35.1	1.51	2.65	.11	102	.05	.166	5.4	35.9	.09	504.0	.007	5	1.14	.003	.07	<.2	.49	155	1.8	.26	3.4	.06
L2800E 3450N	23.84	52.41	11.73	78.2	798	26.1	6.3	255	2.13	19.5	6.2	5.5	1.4	78.0	3.25	8.42	.06	234	.26	.264	8.6	33.7	.28	785.9	.029	3	1.39	.007	.10	.3	.94	91	7.1	.18	4.3	.13
L2800E 3425N	24.39	65.56	15.36	38.0	997	11.3	1.6	52	1.58	13.1	6.4	.2	<.1	112.4	2.80	15.52	.14	420	.07	.315	8.8	43.6	.05	1806.7	.008	3	1.04	.008	.10	<.2	1.72	106	30.1	.41	10.1	.14
L2800E 3400N	5.01	20.60	9.41	119.6	418	21.9	8.4	277	2.95	16.3	9	1.5	1.9	33.9	2.01	2.84	.13	130	.20	.146	11.2	36.8	.48	313.3	.047	1	1.95	.008	.08	.2	.38	30	2.9	.07	6.9	.02
RE L2800E 3475N	2.67	41.84	13.29	35.5	297	9.7	1.2	47	1.17	15.1	5.3	7.3	.4	32.2	1.52	2.66	.11	100	.05	.167	5.3	38.4	.09	490.1	.007	5	1.14	.004	.07	<.2	.48	156	1.8	.25	3.4	.05
99H02020	3.03	22.98	18.09	33.7	515	9.2	1.3	58	2.12	10.5	.1	3.3	<.1	71.5	.03	1.73	.10	56	.06	.097	5.0	17.6	.03	694.9	.034	3	.45	.011	.18	<.2	.59	197	4.5	.12	4.7	.28
STANDARD DS2	13.69	129.46	28.00	160.8	253	38.2	12.7	811	3.20	62.7	21.3	189.8	2.6	31.5	11.43	9.87	10.71	77	.56	.083	13.6	158.5	.55	134.1	.112	3	1.70	.036	.16	7.4	2.01	231	2.2	1.81	6.0	.02

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data ✓ FA ___

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.)
852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 3.1/#1 File # 9902159

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99S03021	12.24	109.93	13.89	687.9	2426	103.3	7.1	188	2.27	27.2	10.1	2.8	<.1	165.4	11.45	15.90	<.02	398	1.16	.553	9.6	58.2	.11	1571.9	.009	2	.83	.008	.18	.2	.79	464	24.4	.24	3.8	.10
STANDARD DS2	14.33	128.44	32.86	162.8	243	36.6	12.2	824	3.21	61.6	22.5	209.9	2.1	36.3	11.12	9.35	11.22	76	.56	.082	14.5	161.2	.59	141.9	.114	<1	1.78	.039	.15	7.1	2.14	269	2.1	1.75	5.8	.04

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: SILT

DATE RECEIVED: JUL 12 1999 **DATE REPORT MAILED:** July 19/99 **SIGNED BY** ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data ___ FA ___

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 3.1/#1 File # 9902159

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99S03021	12.24	109.93	13.89	687.9	2426	103.3	7.1	188	2.27	27.2	10.1	2.8	<.1	165.4	11.45	15.90	<.02	398	1.16	.553	9.6	58.2	.11	1571.9	.009	2	.83	.008	.18	.2	.79	464	24.4	.24	3.8	.10
STANDARD DS2	14.33	128.44	32.86	162.8	243	36.6	12.2	824	3.21	61.6	22.5	209.9	2.1	36.3	11.12	9.35	11.22	76	.56	.082	14.5	161.2	.59	141.9	.114	<1	1.78	.039	.15	7.1	2.14	269	2.1	1.75	5.8	.04

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: SILT

DATE RECEIVED: JUL 12 1999 DATE REPORT MAILED: July 19/99 SIGNED BY: C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data d FA ___

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.)
852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 4/#2 File # 9902161 Page 1

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Tl	Hg	Se	Te	Ga	S
	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppb	ppm	ppm	ppm	%
5100E 11575N	13.21	34.41	12.58	60.0	2130	33.6	6.9	210	3.42	27.4	8.5	6.3	4.5	80.8	.37	5.02	.25	527	.32	.614	10.8	65.3	.42	527.0	.040	5	2.42	.008	.14	.3	.50	326	5.6	.15	7.8	.15
5100E 11550N	7.59	30.42	16.20	60.2	898	21.3	5.7	207	2.79	24.8	2.0	10.2	4.1	42.4	.34	5.63	.31	250	.08	.093	8.3	47.1	.35	382.7	.030	4	1.63	.010	.17	<.2	.48	147	4.9	.12	5.4	.27
5100E 11525N	8.93	28.80	19.98	34.9	983	12.5	2.7	106	2.26	26.6	1.4	4.6	1.2	73.3	.13	10.69	.37	290	.03	.071	3.5	49.7	.07	764.0	.010	4	.79	.007	.23	<.2	.50	222	16.1	.20	6.0	.34
5200E 11575N	2.70	14.91	8.75	45.4	102	16.9	5.5	267	2.91	15.8	1.0	.8	1.2	22.4	.14	1.59	.26	158	.12	.113	9.4	34.2	.40	215.4	.052	1	1.85	.010	.06	<.2	.16	52	1.1	.07	7.4	<.01
5200E 11500N	13.54	44.21	10.86	154.4	581	34.6	7.5	224	2.12	12.8	2.6	12.6	<.1	29.7	1.76	3.27	.39	253	.18	114	9.0	31.6	.29	337.6	.012	3	1.40	.007	.13	<.2	61	199	1.9	.09	5.5	.05
5300E 11575N	2.41	35.90	12.98	110.1	113.8	9.1	273	3.39	14.1	.6	5.4	3.0	26.4	.31	1.18	.32	91	.18	076	7.9	34.8	.38	258.6	042	2	1.77	007	.12	<.2	.17	43	1.2	.09	7.1	.04
5300E 11550N	2.24	23.47	15.27	70.6	218	18.5	8.2	276	3.71	14.5	.5	3.4	3.4	12.6	.29	.97	.30	102	.09	.052	9.9	36.5	.36	123.0	.069	1	2.13	.008	.06	.2	.16	63	.7	.07	8.5	<.01
5400E 11725N	1.39	39.73	15.35	106.3	66	25.2	20.1	1014	3.27	4.6	.7	.6	4.3	29.4	.37	81	.29	34	.17	.056	10.6	19.8	.32	459.3	.016	3	1.54	.012	.24	<.2	.16	61	.7	.07	5.7	.13
5400E 11675N	2.44	58.80	11.55	94.8	398	27.8	5.9	187	3.15	11.5	.7	7.6	2.0	27.2	.25	1.35	.30	76	.04	.049	8.0	30.5	.17	136.9	.029	2	1.32	.006	.07	<.2	.20	102	1.7	.11	6.3	.05
5500E 11675N	4.32	51.34	13.95	112.3	545	36.1	8.7	315	2.94	16.8	1.9	12.4	2.4	44.7	.75	3.22	.29	113	.12	.060	8.3	34.6	.32	336.7	.044	3	1.18	.010	.14	<.2	.39	230	2.2	.13	4.3	.16
5500E 11650N	1.98	20.96	13.96	51.2	50	12.8	3.4	137	2.29	11.6	.4	2.7	1.5	11.7	.20	1.08	.31	94	.05	.039	9.3	21.0	.13	83.4	.073	1	1.00	.006	.05	<.2	.15	23	.7	.05	7.5	.02
5500E 11625N	1.20	17.45	10.76	62.6	30	21.9	10.6	283	2.83	12.3	.6	1.8	4.0	11.9	.23	.91	.20	63	.11	.031	10.2	27.0	.45	167.1	.060	1	2.01	.009	.05	.2	.11	60	.8	.04	5.2	.01
5500E 11600N	3.43	48.81	12.78	149.8	364	31.9	10.9	289	3.93	14.1	.5	11.9	3.2	13.3	.83	1.33	.33	85	.08	.058	8.0	36.1	.40	200.0	.040	1	2.12	.007	.09	<.2	.17	56	1.0	.07	6.4	.01
5500E 11550N	3.86	16.55	13.17	68.5	286	16.4	4.9	209	3.71	18.4	.8	2.6	.6	47.5	.42	2.14	.25	129	.08	.061	8.3	34.9	.31	408.5	.035	2	1.40	.009	.19	<.2	.22	126	1.7	.16	5.8	.30
5500E 11225N	2.27	52.84	9.29	77.5	229	29.7	8.2	269	2.49	8.9	.6	8.9	4.0	19.0	.34	1.04	.16	63	.17	.029	10.1	28.0	.45	598.3	.046	1	1.50	.010	.06	<.2	.13	153	1.0	.05	4.5	<.01
5500E 11175N	2.72	49.81	12.06	114.0	469	30.6	16.7	685	2.74	10.5	1.6	21.4	.2	38.0	.93	1.26	.38	72	.25	.181	10.8	27.1	.36	1008.0	.022	2	1.51	.006	.12	<.2	.26	246	.9	.11	5.2	<.01
5500E 11150N	3.79	80.23	12.34	154.0	1073	65.9	14.5	458	4.89	21.2	.9	38.5	2.8	32.0	.94	2.66	.24	81	.12	.168	7.7	29.9	.37	330.4	.026	2	2.03	.006	.10	<.2	.31	226	2.4	.06	5.2	.03
5500E 11125N	2.05	91.27	22.90	95.4	1668	27.8	8.0	264	4.17	13.6	.6	37.1	2.8	16.9	.28	1.78	.37	85	.05	.054	7.5	37.2	.25	132.4	.034	1	1.60	.005	.08	<.2	.21	298	1.7	.17	6.5	.05
5500E 11100N	1.66	27.94	11.08	68.0	407	28.7	9.8	389	2.93	13.3	.5	5.7	3.7	15.5	.21	1.01	.23	73	.10	.034	8.1	30.9	.37	225.4	.060	1	2.07	.007	.07	.3	.18	71	.8	.05	6.2	.03
RE 5500E 11100N	1.70	28.66	11.07	70.8	410	30.1	10.1	406	3.04	14.7	.5	5.7	3.6	16.0	.24	1.02	.24	75	.10	.037	7.8	31.6	.38	235.9	.059	1	2.11	.007	.07	.3	.16	81	.9	.06	6.3	.03
5500E 11050N	2.34	54.70	17.48	92.5	320	22.1	8.5	329	2.37	8.6	.8	46.5	2.7	61.9	.30	1.14	.24	63	.20	.141	9.9	26.4	.36	518.4	.038	1	1.17	.006	.11	<.2	.22	124	1.5	.11	4.3	.03
5500E 11025N	7.27	60.30	33.71	117.7	789	38.3	13.6	368	3.37	21.0	2.1	17.8	2.7	127.6	.17	3.63	.44	115	.08	.207	10.6	30.0	.23	1548.7	.010	5	1.38	.005	.31	<.2	.40	700	2.9	.30	5.7	.14
5500E 11000N	8.75	73.29	61.37	141.8	693	45.2	18.7	349	4.50	32.6	3.4	6.7	5.9	133.4	.15	5.60	.81	75	.08	.238	13.6	22.6	.09	1017.7	.004	4	.94	.011	.56	<.2	.37	489	4.2	.58	4.1	.70
5500E 10975N	6.45	16.78	12.51	36.5	764	12.5	4.4	218	3.74	20.1	2.8	5.3	1.3	123.0	.11	3.83	.25	276	.11	.201	8.8	49.2	.29	1322.2	.047	2	1.73	.006	.10	<.2	.35	482	3.5	.18	7.7	.10
5500E 10950N	3.19	34.76	15.58	57.8	102	17.8	5.3	170	2.84	13.9	.8	4.4	1.0	47.9	.28	1.80	.25	122	.07	.063	9.1	28.9	.28	491.6	.045	2	1.55	.006	.08	<.2	.17	51	1.2	.09	6.3	.04
5500E 10925N	7.43	11.74	16.77	43.2	1239	14.2	5.7	211	3.01	29.1	.8	4.6	2.9	60.4	.11	4.17	.23	196	.07	.086	8.7	50.2	.33	726.8	.039	2	1.69	.009	.16	<.2	.66	695	3.8	.22	5.9	.22
5500E 10900N	2.19	23.11	12.31	54.9	69	20.1	10.5	540	2.76	14.2	1.5	1.3	5.3	28.0	.05	1.21	.26	85	.15	.071	11.6	37.1	.49	405.5	.063	1	2.02	.012	.07	<.2	.16	131	1.0	.07	6.1	.03
5600E 11675N	3.60	39.17	12.19	98.1	380	31.6	9.4	337	2.63	19.1	2.2	10.8	.7	33.5	.61	2.72	.29	123	.15	.073	10.3	34.1	.35	469.5	.036	2	1.75	.008	.09	<.2	.23	277	1.7	.08	6.6	.07
5600E 11625N	1.41	13.16	10.13	43.5	49	11.5	4.4	194	2.42	10.8	.5	.7	2.8	14.7	.12	.68	.20	66	.12	.033	9.9	22.1	.29	130.3	.050	<1	1.47	.007	.05	<.2	.12	54	.8	.03	6.0	.01
5600E 11200N	1.67	64.55	10.92	86.5	433	31.7	9.4	219	2.87	14.3	.6	2.6	5.5	11.9	.27	1.23	.22	71	.07	.025	8.8	35.8	.52	240.5	.062	1	2.25	.008	.07	<.2	.12	35	1.1	.06	5.7	<.01
5600E 11175N	1.22	63.86	6.49	71.9	614	26.7	7.9	139	2.33	3.3	.8	34.9	6.1	34.8	.13	.58	.16	40	.56	.062	12.2	25.7	.86	780.1	.011	3	1.87	.008	.24	<.2	.20	341	.6	.07	5.2	<.01
5600E 11150N	2.24	106.14	14.50	194.5	266	53.4	14.2	286	4.35	15.5	.6	25.1	2.6	25.9	.77	1.78	.31	70	.07	.049	5.9	32.3	.29	196.5	.037	1	1.30	.006	.10	<.2	.22	167	2.8	.14	4.6	.05
5600E 11125N	4.01	46.66	14.06	9.5	842	5.7	.5	21	1.54	15.7	1.2	17.6	.2	30.5	.10	1.72	.27	68	.03	.043	3.6	19.8	.05	456.9	.007	3	.55	.004	.14	<.2	.45	1272	3.9	.08	2.4	.19
5600E 11100N	2.27	33.05	12.95	48.1	515	11.4	3.7	149	3.74	12.1	.3	4.1	2.7	10.7	.05	1.28	.32	95	.05	.033	8.3	28.5	.15	158.8	.054	<1	1.38	.005	.05	<.2	.15	68	.8	.07	8.4	.01
5600E 11075N	2.01	117.09	21.13	213.6	168	72.6	13.0	307	5.34	18.8	1.9	1.8	.5	21.0	1.14	1.18	.42	113	.04	.085	6.5	35.0	.13	249.6	.028	1	1.67	.005	.07	<.2	.12	54	1.4	.13	7.2	.04
STANDARD DS2	14.13	130.07	29.29	163.3	256	38.2	12.9	822	3.16	62.9	20.6	204.1	3.5	30.2	11.17	9.79	10.88	83	.56	.081	14.0	164.9	.62	140.9	.118	3	1.77	.039	.16	7.7	2.19	260	2.8	1.84	6.2	.02

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: SOIL Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 12 1999 DATE REPORT MAILED: July 16/99 SIGNED BY: C. Leong ..D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data ___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
5600E 11050N	1.66	29.05	12.14	68.5	174	24.6	9.0	289	3.22	25.4	.5	5.9	3.6	11.8	.33	1.31	.25	89	.06	.042	6.9	33.6	.34	149.7	.036	2	1.90	.007	.05	.2	.12	44	1.4	.06	5.1	<.01
5600E 11025N	2.05	55.74	15.22	38.6	205	13.4	3.8	220	2.06	9.8	.4	25.5	1.1	26.1	.19	1.40	.32	52	.04	.042	5.2	22.9	.19	205.9	.019	3	1.22	.004	.06	<.2	.17	101	2.1	.13	4.0	<.01
5600E 11000N	2.13	31.47	12.80	54.8	147	20.2	10.4	314	3.04	12.0	1.1	12.3	3.9	15.4	.32	1.37	.25	85	.07	.057	10.0	34.8	.42	298.3	.038	2	2.17	.008	.06	.2	.16	173	.7	.07	6.2	<.01
5600E 10975N	1.61	21.44	9.19	62.5	53	23.2	9.7	305	2.59	12.4	.8	6.7	3.5	21.8	.20	1.31	.28	73	.11	.035	10.2	31.7	.50	333.2	.053	1	1.75	.009	.05	<.2	.12	86	.6	.05	5.2	<.01
5600E 10950N	6.19	13.66	14.13	46.7	1118	13.1	4.4	207	2.47	13.9	1.1	4.1	.5	64.1	.18	2.93	.27	182	.08	131	9.8	40.5	.25	807.0	.036	2	1.13	.006	.10	<.2	.40	94	3.4	.13	6.8	.09
5600E 10925N	6.26	13.72	11.17	59.6	651	21.0	9.3	468	2.95	23.9	2.9	22.2	2.5	31.6	.27	5.41	.22	283	.17	.259	9.7	49.6	.38	442.9	.025	2	1.96	.007	.08	<.2	.30	446	1.8	.17	6.2	.01
5600E 10900N	5.47	25.79	20.11	76.0	1156	27.9	7.3	390	3.81	33.6	1.4	8.2	3.0	85.7	.22	2.65	.32	182	.08	.161	8.0	41.2	.41	539.7	.023	3	2.04	.010	.15	<.2	.27	328	2.3	.24	7.1	.18
5700E 11700N	3.48	30.54	11.56	117.4	271	35.2	12.9	496	2.89	13.1	1.3	10.1	4.1	24.9	.54	2.14	.23	90	.14	.066	9.6	34.0	.42	337.6	.045	2	1.72	.010	.09	<.2	.19	102	9	.05	5.1	.02
5700E 11675N	5.96	44.40	14.13	143.3	618	38.3	12.6	621	3.50	28.5	2.1	10.6	2.4	53.3	.65	4.86	.30	178	.14	.134	10.8	37.5	.42	457.3	.034	2	1.62	.009	.13	.2	.33	137	2.0	.11	5.9	.13
5700E 11650N	3.51	38.97	12.94	107.1	368	36.5	9.5	275	3.74	23.1	2.0	14.0	3.5	34.4	.47	2.72	.28	158	.11	.104	9.2	40.1	.44	316.5	.042	2	2.07	.009	.09	.3	.22	259	1.4	.08	6.6	.05
5700E 11625N	2.49	30.28	12.99	88.5	180	23.4	7.1	267	3.46	15.4	.4	16.0	2.8	12.9	.39	1.21	.30	89	.06	.042	8.8	29.3	.30	194.5	.051	1	1.64	.007	.06	<.2	.16	43	.6	.07	7.4	<.01
5700E 11600N	3.71	109.81	21.66	233.3	969	69.1	13.8	291	4.76	15.8	.7	8.0	3.3	18.7	.88	2.12	.36	94	.06	.045	8.0	42.7	.31	246.5	.032	1	2.21	.007	.08	<.2	.19	83	1.7	.17	7.1	.03
5700E 11300N	1.61	20.51	9.08	60.3	106	14.9	7.8	410	2.63	7.9	.3	6.7	2.0	14.0	.35	.82	.24	63	.11	.028	9.1	22.8	.28	250.6	.046	1	1.29	.007	.07	<.2	.11	23	.1	.05	6.3	<.01
5700E 11250N	7.75	39.62	42.60	36.3	654	10.2	2.7	144	4.59	22.7	.4	2.7	<.1	117.0	1.67	3.43	.61	119	.08	.120	7.2	27.1	.08	958.8	.024	2	.82	.016	.44	<.2	.33	86	5.5	.28	6.7	.83
5700E 11200N	2.31	32.83	12.42	58.7	150	14.7	4.2	152	2.52	17.1	.2	.9	1.0	17.0	.17	1.12	.28	67	.04	.037	6.2	15.8	.06	161.3	.043	1	.60	.006	.12	<.2	.18	27	1.0	.09	5.5	.15
5700E 11160N	2.34	34.63	9.85	59.4	133	13.3	4.1	193	1.93	8.6	.3	5.5	.7	10.9	.89	1.01	.45	61	.09	.041	8.1	18.2	.14	166.0	.037	2	.76	.007	.06	<.2	.13	25	.4	.10	5.8	<.01
5700E 11100N	3.79	61.72	16.39	51.7	469	16.3	4.1	137	2.47	21.8	.9	22.9	.6	32.0	.22	1.98	.32	95	.06	.057	5.6	29.1	.14	542.6	.017	3	.80	.005	.19	<.2	.44	287	3.2	.12	4.3	.28
5700E 11075N	5.96	94.55	24.79	72.9	628	22.2	5.5	282	3.73	35.5	1.1	24.9	<.1	56.8	.26	3.24	.45	134	.04	.088	7.0	41.9	.10	703.7	.032	4	1.02	.008	.25	<.2	.61	320	4.3	.19	7.2	.35
5700E 11050N	1.09	45.18	9.52	20.5	260	5.5	1.1	54	1.77	9.1	1.1	14.2	.4	15.6	.11	1.24	.17	46	.02	.040	2.6	21.8	.05	123.4	.011	1	.40	.003	.06	<.2	.11	209	1.7	.10	2.6	.03
RE 5700E 11050N	1.03	43.84	9.48	19.3	251	5.3	1.1	52	1.74	8.7	1.1	14.3	.4	16.2	.09	1.22	.17	45	.02	.039	2.5	21.8	.05	122.4	.011	<1	.40	.002	.05	<.2	.11	191	1.7	.09	2.6	.03
5700E 11025N	2.62	102.65	17.47	64.2	129	17.8	3.4	96	2.90	22.0	.5	6.1	.8	38.0	.13	1.48	.42	98	.03	.062	7.4	27.4	.06	361.7	.033	1	1.01	.004	.07	<.2	.18	24	1.5	.16	7.3	.03
5700E 11000N	3.00	126.05	18.82	76.2	113	21.7	4.3	100	3.18	27.7	.5	3.6	<.1	87.9	.21	1.48	.41	120	.03	.101	7.9	39.3	.07	700.1	.014	2	1.31	.006	.07	<.2	.21	56	1.7	.18	8.9	.01
5700E 10975N	3.00	101.98	22.60	57.0	473	13.3	3.9	238	3.59	18.2	.5	24.3	1.1	33.3	.11	1.67	.39	77	.05	.064	6.3	29.9	.14	402.2	.025	2	1.06	.005	.12	<.2	.29	109	2.6	.17	5.6	.09
5700E 10950N	2.16	31.62	13.05	48.5	54	12.3	4.2	203	2.11	9.6	5	15.5	<.1	26.3	.21	1.08	.30	75	.07	.048	10.0	20.6	.21	256.2	.038	2	1.15	.005	.06	<.2	.15	46	.8	.05	7.0	.01
5700E 10925N	1.80	19.40	10.31	47.3	64	13.0	5.0	235	2.53	9.7	.6	7.4	.3	16.9	.20	.78	.22	74	.13	.076	9.9	25.3	.38	314.5	.031	1	1.43	.007	.07	<.2	.16	77	.6	.04	5.8	<.01
5700E 10900N	4.03	52.89	15.52	122.9	212	25.7	15.8	1460	2.72	10.2	.9	2.6	<.1	24.3	.35	1.75	.26	96	.08	.095	8.4	25.1	.33	506.7	.017	4	1.51	.006	.20	<.2	.27	39	1.2	.12	6.8	.03
5800E 11275N	2.49	23.67	9.85	95.6	374	21.7	8.7	243	2.49	6.4	.3	1.9	1.9	21.4	.47	1.55	.20	80	.09	.031	9.4	24.7	.27	224.5	.027	1	1.41	.007	.07	<.2	.12	26	.5	.05	5.9	<.01
5800E 11250N	1.30	16.67	11.15	89.9	62	18.9	12.5	532	2.88	6.1	.3	4.3	2.9	11.9	.40	.72	.24	66	.10	.027	9.5	27.1	.37	333.8	.037	1	1.93	.008	.09	<.2	.12	12	.1	.04	7.5	<.01
5800E 11200N	2.13	30.04	9.40	62.3	669	14.9	6.8	318	1.38	5.9	.8	18.6	1.5	39.6	.53	.74	.18	61	.33	.067	7.0	25.0	.38	861.6	.009	4	1.29	.006	.14	<.2	.31	514	1.1	.07	5.1	.03
5800E 11175N	4.56	123.02	9.20	189.2	260	34.9	8.5	273	2.79	7.0	.5	8.0	<.1	21.6	.73	1.54	.21	65	.09	.079	7.2	21.6	.08	331.5	.020	6	.72	.007	.12	<.2	.16	124	1.7	.09	4.4	<.01
5800E 11150N	2.90	72.50	6.17	107.0	312	19.7	3.1	72	1.44	4.1	.3	6.8	<.1	21.9	.49	.82	.11	42	.23	.050	3.8	11.6	.04	178.1	.014	2	.34	.009	.05	<.2	.09	92	.6	.05	1.9	.01
5800E 11125N	23.35	570.11	31.74	1036.6	232	246.3	43.0	551	9.09	41.9	2.0	16.6	1.4	144.0	2.67	8.27	.52	207	.05	.219	10.6	55.9	.19	2584.5	.016	8	2.04	.008	.27	<.2	1.02	385	9.0	.40	9.6	.01
5800E 11100N	2.25	128.16	12.73	133.6	455	30.8	5.8	396	2.57	3.4	1.1	9.2	<.1	25.9	1.16	1.16	.26	48	.24	.121	16.3	22.0	.09	388.2	.014	3	.72	.016	.08	<.2	.20	154	1.9	.15	3.3	.04
5800E 11075N	4.23	198.96	19.92	140.8	747	26.4	4.7	106	3.87	9.1	3.2	26.5	<.1	35.8	1.00	2.32	.33	79	.07	.167	7.5	32.3	.06	374.2	.012	3	.95	.009	.09	<.2	.26	236	3.7	.19	4.0	.06
5800E 11050N	3.40	95.17	20.63	75.8	449	15.7	4.4	166	3.80	12.0	.9	13.2	<.1	19.4	.31	1.92	.36	84	.06	.069	8.4	33.4	.10	304.8	.044	3	1.00	.007	.09	<.2	.18	137	1.7	.19	6.1	.04
STANDARD DS2	14.60	130.65	31.20	165.0	260	38.4	13.1	829	3.18	65.1	21.5	212.3	3.4	30.2	11.81	10.01	11.34	83	56	.082	13.5	175.5	.65	148.8	.121	2	1.87	.041	.16	7.6	2.15	252	2.5	1.99	6.4	.01

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
5800E 11000N	2.24	37.67	13.54	87.3	219	23.1	7.4	268	3.67	12.4	.5	3.6	2.1	16.4	.35	1.39	.27	76	.07	.052	7.0	32.0	.33	183.9	.039	3	1.66	.006	.06	<.2	.14	73	1.4	.08	5.5	.02
5800E 10975N	1.65	27.93	10.84	44.3	170	13.0	3.5	161	2.01	8.0	.4	7.9	2.4	17.7	.14	.86	.27	70	.06	.027	8.3	24.9	.26	234.2	.034	4	1.46	.005	.06	<.2	.17	75	.7	.08	6.0	<.01
5900E 11200N	3.25	59.56	11.20	156.3	274	39.9	13.4	443	3.24	11.1	.9	15.9	1.5	35.8	.66	2.35	.30	79	.24	.121	9.7	29.2	.38	337.4	.037	3	1.31	.007	.13	<.2	.20	142	1.4	.12	4.5	.06
5900E 11175N	4.28	358.42	30.16	912.6	771	313.2	77.9	780	10.55	21.1	6.5	50.7	3.4	118.8	3.32	3.46	.56	71	.03	.129	9.1	37.9	.13	696.7	.003	4	2.99	.008	.29	<.2	.26	215	3.3	.30	4.7	.45
5900E 11150N	3.51	179.64	18.70	168.0	451	61.2	14.4	265	5.34	13.8	.8	21.2	3.1	45.3	.32	2.15	.37	100	.04	.060	6.3	47.0	.24	300.3	.020	3	1.92	.005	.12	<.2	.24	101	2.4	.19	8.0	.06
5900E 11125N	2.49	85.25	15.27	107.4	198	37.2	9.0	251	4.64	11.9	.5	15.0	2.7	16.2	.16	1.81	.30	86	.06	.049	6.8	31.2	.27	165.0	.037	3	1.70	.005	.07	<.2	.20	75	1.5	.09	6.6	.03
5900E 11100N	1.67	29.24	10.49	77.5	70	27.0	11.4	280	3.04	8.7	.6	11.2	4.6	14.2	.26	1.01	.20	66	.12	.054	9.4	33.3	.55	317.7	.046	2	2.18	.008	.07	<.2	.15	49	.8	.03	5.1	.01
5900E 11075N	2.65	35.78	10.60	112.4	82	31.3	10.0	290	2.99	9.4	.5	12.3	3.5	18.7	.48	1.31	.20	76	.16	.039	8.7	33.9	.44	298.6	.040	2	2.14	.008	.05	<.2	.20	82	1.0	.05	5.3	.01
5900E 11050N	2.71	89.30	13.12	132.4	430	29.3	8.1	341	3.75	12.2	.8	21.8	3.1	22.6	.50	1.67	.25	78	.09	.099	8.0	32.3	.36	295.0	.035	2	1.63	.007	.08	.2	.16	64	1.7	.10	5.1	.04
5900E 11025N	1.83	16.80	12.96	80.8	656	12.9	5.6	222	2.89	7.6	.3	4.6	2.8	10.0	.46	.84	.26	93	.08	.045	9.8	28.0	.27	162.5	.044	1	1.89	.007	.04	<.2	.14	92	.5	.06	6.9	.01
5900E 11000N	1.55	20.15	11.89	91.9	393	15.9	5.8	275	3.06	10.0	.3	3.6	2.0	10.6	.43	.83	.25	90	.08	.049	7.4	27.9	.29	219.4	.039	1	1.89	.005	.04	<.2	.14	39	.6	.06	7.1	.02
5900E 10975N	1.76	19.56	12.31	91.7	319	21.4	8.6	286	3.15	12.2	.3	2.3	2.6	10.5	.32	.90	.24	91	.07	.049	8.4	34.6	.38	237.2	.047	1	2.49	.007	.05	<.2	.13	56	.6	.05	7.3	.01
5900E 10950N	2.32	27.22	13.71	84.7	559	27.3	10.6	286	3.34	15.7	.4	4.9	3.2	13.1	.36	1.13	.25	87	.07	.056	8.3	40.3	.45	213.4	.039	1	2.45	.006	.07	.2	.15	93	.9	.08	6.4	.02
5900E 10925N	1.75	20.79	11.25	74.3	140	22.1	7.7	242	2.83	11.6	.4	2.4	2.6	9.8	.28	.92	.23	81	.08	.035	7.5	30.5	.34	244.1	.036	1	2.14	.006	.05	<.2	.11	25	.6	.05	6.1	<.01
5900E 10900N	2.02	20.67	11.83	60.5	209	10.4	3.8	206	2.30	8.2	.3	2.0	.1	12.3	.20	.93	.29	82	.06	.068	9.2	18.1	.16	157.4	.044	1	1.00	.005	.06	<.2	.14	14	.6	.10	6.5	.02
RE 6100E 11175N	2.34	143.43	13.93	270.8	279	90.7	19.2	338	5.12	15.6	1.0	16.1	2.9	16.2	1.22	1.49	.33	60	.05	.029	5.1	31.6	.26	190.1	.018	1	1.51	.005	.07	<.2	.12	96	2.6	.12	3.7	.06
6100E 11200N	5.90	130.09	13.71	322.5	728	104.0	17.7	222	4.81	23.0	1.6	12.0	1.7	46.6	1.96	3.22	.39	107	.16	.046	4.1	27.5	.17	372.4	.011	2	1.00	.005	.10	<.2	.20	638	3.9	.18	2.9	.12
6100E 11175N	2.55	144.71	15.48	270.3	306	91.4	20.0	341	5.16	16.2	1.1	15.2	3.3	19.6	1.24	1.66	.36	64	.05	.029	5.6	35.1	.30	238.9	.023	1	1.75	.007	.09	<.2	.14	112	3.0	.17	4.3	.06
6100E 11150N	1.52	67.59	15.92	115.4	515	56.1	13.9	223	3.91	12.4	.5	21.4	3.2	21.1	.82	1.27	.30	72	.17	.027	8.5	38.8	.43	204.8	.048	2	2.46	.007	.10	<.2	.22	225	1.2	.08	5.9	.02
6100E 11075N	2.92	83.28	17.78	192.3	910	60.2	17.5	277	3.52	10.6	2.9	39.0	4.7	34.3	1.29	1.30	.37	82	.10	.086	14.4	41.3	.41	441.8	.021	3	2.52	.007	.12	<.2	.31	690	1.6	.10	6.7	.06
6100E 11050N	2.26	30.13	10.65	68.5	101	21.2	5.2	206	2.84	13.6	.5	5.1	2.0	14.0	.18	1.23	.29	88	.06	.059	10.3	22.3	.15	113.9	.054	1	1.01	.005	.07	.2	.15	45	.9	.07	7.3	.03
6100E 11025N	2.27	66.99	11.26	109.8	152	48.3	14.1	250	3.08	11.6	.6	15.3	4.3	21.4	.47	1.63	.44	73	.07	.033	7.9	33.6	.39	247.7	.039	3	2.20	.007	.09	<.2	.16	72	1.2	.10	4.6	.02
6100E 11000N	5.84	124.02	11.59	219.6	223	57.0	13.9	338	3.30	9.2	1.1	29.2	4.8	39.7	.65	2.34	.25	74	.26	.098	11.1	32.0	.45	504.6	.042	3	1.49	.007	.14	<.2	.24	128	1.6	.10	3.9	.02
6100E 10975N	2.11	70.18	13.70	83.5	173	27.9	10.1	323	3.17	12.3	.8	20.9	3.7	20.8	.38	1.58	.28	70	.10	.065	10.2	29.1	.38	313.9	.041	2	1.52	.006	.07	.2	.17	73	1.1	.10	4.9	.04
6100E 10950N	2.14	97.09	13.03	110.9	189	33.7	8.7	217	3.51	10.6	.8	25.1	3.4	25.8	.26	1.62	.25	69	.09	.037	7.4	32.7	.37	314.7	.042	1	1.74	.006	.07	<.2	.14	80	1.4	.09	4.3	.02
6100E 10925N	2.00	60.46	12.29	74.7	301	21.1	5.3	180	3.27	12.9	.4	18.5	2.6	20.0	.15	1.59	.25	73	.08	.033	7.2	30.4	.31	241.0	.038	1	1.52	.006	.05	<.2	.14	62	1.1	.10	4.9	.02
6100E 10900N	1.51	34.70	11.05	51.6	87	13.2	4.3	216	2.29	10.3	.4	9.0	.1	18.4	.17	1.09	.26	63	.10	.067	11.1	23.8	.26	168.9	.035	1	.95	.005	.07	.3	.12	38	1.0	.08	5.3	.02
99X02000	1.08	14.55	11.00	47.4	18	16.2	5.3	210	2.35	10.2	.5	4.4	1.6	12.8	.17	.86	.24	65	.11	.041	10.8	27.3	.36	165.2	.039	<1	1.58	.007	.04	<.2	.13	31	.7	.03	6.0	<.01
99X02001	1.81	29.05	14.50	96.6	198	26.8	10.5	467	3.56	13.7	.5	9.6	2.5	11.2	.36	1.24	.32	83	.07	.050	9.4	29.6	.28	156.3	.039	2	1.79	.005	.05	.3	.13	59	.9	.07	6.4	.02
99X02002	2.02	51.70	15.84	144.4	259	43.0	16.2	1174	3.45	13.3	1.1	11.6	2.7	17.9	.72	1.48	.31	61	.09	.055	9.1	28.7	.32	239.0	.039	1	1.40	.006	.07	.3	.13	99	1.8	.08	4.6	.03
99X02003	1.72	30.57	10.39	81.6	83	30.4	12.9	517	2.71	12.6	.8	7.9	4.4	21.3	.38	1.35	.24	64	.19	.073	12.5	29.7	.48	198.1	.055	1	1.56	.008	.07	.4	.11	66	1.1	.05	4.4	.02
99X02004	2.29	23.69	13.88	78.5	157	21.8	9.8	738	3.77	15.1	.5	5.2	.4	20.1	.23	1.32	.31	86	.11	.068	9.4	28.7	.35	161.0	.041	1	1.31	.007	.07	.3	.12	49	1.1	.09	6.3	.04
99X02005	2.27	42.15	8.96	108.4	266	31.0	9.3	436	2.36	3.8	.8	8.1	<.1	35.0	.46	1.24	.29	52	.29	.073	8.6	25.8	.29	407.4	.027	2	1.17	.009	.12	<.2	.16	111	1.8	.03	4.2	.07
99X02006	2.23	22.80	10.17	53.8	529	15.0	6.8	401	2.08	9.1	1.0	3.4	2.6	34.3	.34	1.05	.24	67	.64	.042	10.2	23.9	.41	815.1	.026	2	1.42	.008	.11	<.2	.15	67	1.0	.05	5.7	.03
99X02007	2.21	10.67	11.53	49.8	554	11.3	5.1	220	3.19	11.1	.3	2.4	3.4	14.8	.34	.79	.27	86	.12	.066	10.8	24.7	.34	222.6	.039	1	1.69	.007	.09	<.2	.14	51	.6	.02	7.3	<.01
STANDARD DS2	14.33	128.71	30.01	164.7	261	37.8	12.1	817	3.15	63.1	20.5	207.9	3.2	28.7	11.46	9.63	10.68	82	.56	.082	13.0	175.6	.65	149.1	.112	4	1.88	.040	.17	7.0	2.10	248	2.9	1.87	6.2	.02

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data FA

ACME ANALYTICAL

International Kodiak Resources Inc. PROJECT AREA 4/#2 FILE # 9902161 Page 4

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99X02008	1.43	37.36	10.46	66.8	265	26.9	10.3	215	2.46	8.9	.8	9.3	4.9	21.2	.51	1.37	.28	63	.21	.049	10.4	29.8	.54	360.1	.040	3	1.82	.010	.06	<.2	.14	135	1.1	.04	4.7	.01
99X02009	3.18	32.93	9.49	93.2	90	26.0	8.3	249	2.65	9.4	.8	8.1	4.5	27.5	.40	1.52	.31	81	.17	.060	11.3	30.6	.55	420.7	.035	3	1.97	.009	.11	<.2	.19	85	1.1	.08	5.7	.01
99X02010	1.90	23.25	9.97	75.4	266	19.0	8.4	244	2.71	5.8	.3	4.5	4.4	43.1	.72	1.08	.25	74	.14	.052	12.1	32.1	.61	1073.2	.014	4	2.25	.008	.21	<.2	.19	45	1.2	.04	7.5	.01
99X02011	2.53	32.90	12.78	81.1	441	17.4	11.5	282	2.55	5.2	.8	4.3	4.0	35.4	1.14	1.54	.23	104	.23	.058	14.8	27.5	.56	991.8	.014	4	1.88	.009	.22	<.2	.23	85	.9	.06	6.9	.01
99X02012	2.84	39.92	9.36	92.2	400	30.9	11.8	515	1.99	5.2	1.4	10.1	1.4	32.1	.72	1.09	.23	51	.29	.056	10.9	24.4	.29	446.1	.023	2	1.17	.006	.10	<.2	.19	160	1.2	.06	4.4	.03
99X02013	4.98	47.73	12.20	130.6	154	43.2	17.0	698	2.72	5.7	1.8	8.7	1.6	39.6	1.13	1.52	.25	44	.27	.060	12.7	24.9	.31	375.5	.025	3	1.12	.009	.13	.2	.23	82	1.7	.12	3.8	.03
99X02014	1.72	26.70	10.17	77.3	45	24.3	10.8	419	2.67	9.1	.7	3.6	3.9	19.5	.50	1.04	.22	67	.10	.033	11.9	26.9	.34	233.2	.048	2	1.37	.007	.08	<.2	.12	53	.6	.06	5.2	.02
99X02015	2.74	68.31	10.88	68.3	231	29.6	4.7	234	1.72	7.9	2.5	6.9	<.1	26.6	3.12	.98	.25	67	.06	.061	9.3	29.8	.12	468.3	.015	2	1.12	.008	.06	<.2	.15	158	.8	.08	4.9	.06
99X02016	2.05	56.99	11.88	138.7	112	45.9	15.5	808	3.27	15.3	1.3	10.2	3.3	35.9	.81	1.60	.25	97	.08	.048	8.8	38.8	.35	264.8	.042	1	1.88	.008	.09	<.2	.14	67	1.2	.09	5.1	.07
99X02017	2.35	23.39	10.97	83.6	203	26.1	9.7	578	3.70	14.4	.4	2.1	2.2	14.8	.84	1.12	.27	97	.07	.058	10.4	36.7	.31	208.1	.050	2	2.20	.006	.07	<.2	.14	61	.6	.10	8.2	.04
99X03000	2.64	36.36	13.47	89.9	105	28.5	8.8	385	2.85	17.7	1.2	3.9	2.3	36.7	.47	2.09	.29	132	.13	.047	11.3	36.0	.41	327.1	.059	2	1.72	.010	.10	<.2	.16	100	1.3	.09	6.7	.05
99X03001	2.41	28.36	11.87	80.4	142	26.9	10.2	345	2.85	11.5	.7	5.8	3.4	25.4	.27	1.35	.21	77	.11	.041	10.3	31.9	.40	251.3	.037	1	1.76	.008	.08	.2	.14	63	.9	.08	5.5	.03
99X03002	3.78	46.38	14.69	101.2	338	37.4	11.6	280	3.44	7.5	1.1	4.8	1.5	31.6	.24	1.56	.30	77	.38	.058	8.9	31.9	.42	412.9	.019	2	1.58	.008	.13	<.2	.20	95	1.3	.12	7.0	.08
99X03003	6.12	47.83	12.20	191.0	210	41.4	15.2	601	2.39	6.1	1.4	9.4	2.3	42.8	.98	2.84	.23	86	.30	.054	11.6	24.6	.43	346.9	.020	3	1.27	.009	.16	<.2	.37	107	1.3	.08	4.6	.05
RE 99X03008	1.03	33.03	9.37	67.2	181	20.2	7.4	216	1.95	5.3	.9	6.6	2.0	38.7	.05	.69	.15	55	.38	.059	11.4	27.7	.50	337.2	.031	1	1.60	.011	.07	<.2	.14	109	1.3	.06	4.9	.03
99X03004	16.35	55.14	13.34	209.9	195	57.2	14.8	455	3.16	9.7	2.0	5.5	1.9	39.4	.33	4.93	.18	131	.16	.062	10.3	25.7	.29	291.9	.019	4	1.28	.007	.17	<.2	.38	102	2.4	.13	5.2	.09
99X03005	2.69	43.10	10.78	101.2	106	30.1	12.0	273	2.91	8.3	.8	3.3	5.5	39.3	.28	1.38	.14	61	.25	.078	12.6	29.8	.61	761.0	.043	2	1.61	.008	.23	<.2	.22	72	1.2	.05	5.1	.04
99X03006	4.15	59.97	15.34	148.9	309	34.0	15.6	323	3.66	11.7	1.3	5.6	7.3	57.8	.63	2.50	.17	78	.22	.063	12.9	36.0	.76	803.5	.021	3	2.08	.008	.28	<.2	.31	132	2.0	.07	6.7	.03
99X03007	1.85	25.26	8.10	64.8	222	18.4	6.4	226	2.21	7.8	.7	3.0	3.5	29.0	.08	.80	.11	81	.27	.063	11.2	27.6	.49	364.5	.034	1	1.71	.009	.09	<.2	.17	72	.7	.05	5.7	.02
99X03008	1.06	33.65	10.67	67.0	190	20.5	7.5	215	1.99	5.8	.9	8.1	2.1	40.3	.08	.71	.15	55	.39	.059	11.8	28.0	.51	341.3	.031	1	1.60	.011	.07	.3	.14	119	1.2	.04	5.0	.04
99X03009	1.37	34.18	10.62	73.1	253	24.7	10.4	295	2.38	7.6	1.1	8.3	2.2	35.3	.07	.78	.16	64	.34	.051	13.8	29.0	.50	399.5	.032	1	1.83	.011	.07	<.2	.17	162	1.0	.06	5.6	.03
99X03010	2.09	31.63	12.54	88.0	64	27.8	10.1	295	3.21	12.9	.6	3.4	4.2	17.2	.19	1.27	.20	82	.11	.043	12.7	36.9	.46	268.1	.053	1	2.24	.009	.07	.2	.14	71	1.1	.07	6.7	.02
99X03011	1.45	21.24	12.15	58.8	113	18.2	7.6	240	2.41	7.2	.2	2.8	2.9	19.7	.11	.78	.12	72	.14	.015	10.1	30.0	.35	263.9	.043	<1	1.74	.012	.05	<.2	.12	31	.5	.05	5.7	.01
99X03012	6.48	89.75	11.91	182.7	517	33.9	9.2	192	3.23	10.8	1.7	6.1	2.5	47.8	.81	2.63	.16	134	.25	.200	8.6	29.9	.42	760.9	.016	2	1.67	.006	.23	<.2	.29	126	1.9	.11	6.0	.03
99X03013	3.29	39.09	18.79	147.2	222	39.8	19.5	605	4.98	10.1	1.8	4.7	12.2	43.6	.56	1.37	.41	117	.38	.092	28.5	65.6	1.19	1887.9	.292	3	2.18	.015	.50	<.2	.67	146	1.1	<.02	7.0	.04
99X03014	5.77	222.27	30.37	358.9	446	90.7	22.3	794	5.93	19.0	2.4	41.0	1.6	41.5	1.07	5.44	.55	81	.04	.064	4.4	28.6	.06	585.2	.006	2	.75	.004	.12	<.2	.34	258	7.3	.36	2.7	.10
99X03015	8.90	135.48	19.82	337.5	532	58.4	7.9	139	3.22	12.5	1.8	31.7	.3	47.8	.84	4.10	.19	124	.03	.075	6.0	30.2	.05	553.6	.010	2	.62	.004	.09	<.2	.32	189	3.0	.32	3.2	.05
99X03016	6.49	65.49	16.82	95.2	1618	27.3	4.3	185	2.35	12.2	5.8	24.6	<.1	56.9	.38	3.58	.22	150	.08	.199	7.2	30.7	.12	402.4	.011	2	1.00	.005	.09	<.2	.34	879	3.6	.16	4.4	.07
99X03017	7.86	99.74	22.53	51.5	2908	29.3	1.3	74	1.46	14.0	12.8	11.5	<.1	103.1	.75	5.95	.18	276	.28	.156	7.1	67.6	.06	657.0	.006	5	.58	.006	.18	<.2	.35	711	6.1	.34	3.4	.25
99X03018	10.52	70.88	13.74	417.4	1424	111.6	13.0	258	3.96	14.4	2.5	14.1	1.9	43.6	.30	4.45	.20	101	.08	.066	7.8	42.5	.27	352.0	.016	2	1.59	.006	.13	<.2	.38	188	4.9	.13	4.6	.07
99X03019	4.04	31.47	12.41	130.0	189	34.8	11.9	432	3.18	8.7	.7	4.4	1.7	24.2	.22	1.13	.14	83	.16	.068	9.5	29.8	.42	262.5	.031	2	1.57	.007	.16	<.2	.20	65	1.0	.08	5.7	.04
99X03020	3.57	27.33	12.44	119.1	197	26.5	15.8	702	3.32	7.9	.8	4.7	2.6	22.9	.07	1.20	.17	89	.11	.054	10.0	31.0	.37	300.4	.037	<1	1.83	.008	.12	<.2	.20	45	.7	.10	7.5	.05
99X05040	1.24	15.43	9.72	64.1	270	21.4	9.5	227	2.70	11.4	.3	2.8	3.7	13.2	<.01	.89	.06	67	.09	.029	10.9	34.2	.48	197.3	.051	<1	2.16	.009	.05	.2	.13	48	.4	.04	5.4	.02
99X05041	.90	18.64	10.60	51.9	24	17.0	5.8	203	3.24	10.2	.4	3.7	.9	11.8	<.01	.65	.07	75	.11	.033	10.8	28.2	.39	125.9	.042	<1	1.35	.007	.04	<.2	.12	63	.7	.04	5.8	.02
99X05042	1.42	57.20	8.06	90.5	154	36.3	12.5	266	2.92	7.6	.7	21.4	2.7	31.4	.01	.89	.03	77	.34	.073	17.4	37.5	.58	519.1	.042	1	1.69	.012	.08	<.2	.13	122	.5	.05	5.4	.04
STANDARD DS2	14.20	129.09	29.39	163.8	252	38.3	13.2	825	3.16	64.0	21.1	184.7	3.5	29.5	11.76	9.95	10.90	82	.56	.083	14.0	168.0	.63	144.6	.114	3	1.81	.040	.16	7.2	2.00	253	2.7	1.81	6.0	.02

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data A FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99X05043	1.39	66.29	9.21	83.0	187	45.2	17.4	557	3.79	9.6	.4	9.3	2.6	46.3	.22	.73	.15	113	1.08	.082	15.9	60.6	.73	1645.7	.048	5	1.57	.013	.07	.3	.12	189	.6	.06	5.1	.01
99X05044	1.17	38.66	9.00	58.7	422	64.1	14.8	213	3.41	10.6	.2	10.5	2.1	21.7	.17	.72	.13	107	.31	.025	7.6	102.6	.79	1056.2	.053	4	1.86	.008	.04	<.2	.13	97	.4	.03	6.6	<.01
99X05045	1.12	11.29	10.26	42.8	45	14.5	6.7	208	2.56	9.1	.2	5.0	2.4	10.2	.10	.58	.16	60	.09	.029	8.5	25.7	.31	202.9	.038	2	1.62	.007	.04	.2	.11	27	.5	.06	5.2	<.01
99X05046	1.15	48.42	5.50	64.2	50	49.8	23.1	558	4.17	24.2	.6	5.5	2.3	32.4	.14	3.38	.20	108	.45	.071	13.3	87.7	.95	1279.9	.079	5	1.89	.008	.07	<.2	.15	264	.2	.05	6.9	.01
99X05048	4.94	55.43	7.11	135.0	705	68.1	20.8	214	4.90	8.3	.8	8.2	2.0	93.3	.44	1.62	.07	131	.58	.112	19.1	43.4	.36	609.1	.006	5	1.63	.071	.26	<.2	.34	209	1.8	.06	4.8	.53
99X05049	1.10	27.07	6.13	69.0	162	43.8	17.6	348	3.68	7.7	.4	5.2	2.7	30.3	.19	.74	.11	111	.51	.049	11.6	53.5	.63	1999.2	.023	3	2.15	.010	.06	<.2	.14	85	.6	.03	6.3	.02
99X05050	1.79	11.66	7.73	43.1	145	12.3	6.9	255	2.30	5.5	.2	4.1	1.9	14.8	.29	.47	.18	85	.12	.044	9.7	25.9	.37	296.6	.044	2	1.38	.008	.06	<.2	.13	21	.3	.05	6.4	.02
99X05051	7.29	79.77	8.69	283.6	617	114.9	21.9	705	4.77	13.7	1.1	10.0	3.0	94.5	2.13	3.97	.11	393	1.57	.143	21.7	85.8	.55	1840.4	.025	4	1.50	.006	.13	<.2	.46	942	2.0	.08	5.4	.05
99X05052	1.55	20.22	7.23	66.8	148	23.6	7.7	254	2.28	8.5	.3	3.9	2.3	25.6	.42	.88	.13	69	.40	.043	10.2	30.1	.45	572.9	.035	2	1.51	.008	.10	<.2	.14	72	.5	.04	4.5	.02
99X05053	1.70	26.93	6.40	65.8	235	25.4	8.8	282	2.18	7.2	.3	5.0	2.4	27.4	.23	1.06	.12	68	.32	.039	9.6	31.1	.46	738.2	.030	2	1.38	.007	.10	<.2	.11	49	.7	.04	4.3	.02
99X05054	2.12	55.28	9.95	116.6	329	37.2	12.5	525	2.88	9.7	.4	6.5	1.7	51.7	.98	1.39	.17	81	.34	.093	9.8	32.2	.38	1020.7	.025	3	1.44	.011	.13	<.2	.18	69	1.7	.07	4.9	.09
99X05055	1.41	26.66	10.85	106.3	405	25.8	11.5	207	2.99	10.0	.3	2.6	3.2	15.6	.31	.90	.21	85	.09	.037	8.9	36.3	.49	360.3	.052	1	2.28	.007	.07	<.2	.14	43	.6	.04	6.5	.01
99X05056	1.74	26.17	11.39	80.8	653	29.8	8.4	223	3.10	15.2	.4	4.5	4.3	13.9	.10	1.16	.23	79	.08	.028	9.4	36.7	.54	320.8	.059	2	2.54	.007	.07	<.2	.17	84	.5	.05	6.5	.03
99X05057	1.43	13.55	8.52	49.2	112	15.9	6.9	215	3.09	8.9	.2	.8	2.4	13.1	.11	.68	.19	86	.12	.057	10.7	28.3	.35	302.7	.038	1	1.63	.006	.06	<.2	.10	16	.5	.05	6.6	.01
99X05058	.54	60.92	15.59	89.5	140	78.8	25.7	894	4.57	6.2	1.3	4.0	10.4	74.3	.23	1.11	.30	145	1.35	.111	38.2	186.5	2.37	2987.7	.210	5	2.73	.015	.24	<.2	.21	163	.2	.02	9.2	.02
99X05059	1.47	21.33	5.95	66.2	95	24.1	12.1	265	3.93	8.3	.1	6.1	2.1	25.1	.13	.62	.13	98	.34	.031	9.1	29.4	.70	643.5	.034	2	1.98	.009	.05	<.2	.10	29	.3	<.02	6.7	.01
RE 99X05059	1.45	21.07	6.35	65.2	104	23.6	12.4	260	3.89	8.0	.1	1.0	2.0	24.6	.16	.67	.15	98	.34	.030	9.8	31.1	.72	662.3	.036	2	2.05	.008	.06	<.2	.11	32	.4	.03	6.9	.01
99X05060	1.03	10.42	9.28	50.4	273	13.8	5.4	210	2.45	6.3	<.1	2.3	2.0	9.7	.18	.64	.20	65	.10	.037	10.4	20.4	.28	237.5	.032	1	1.49	.005	.06	<.2	.09	16	.3	.03	5.4	.01
99X05061	1.62	15.91	8.64	59.7	91	20.4	7.8	253	2.95	11.6	.6	8.9	1.7	17.9	.59	1.08	.45	86	.17	.061	10.4	32.4	.44	434.4	.029	3	1.70	.007	.05	.2	.13	59	.5	.09	5.7	.02
99X05062	1.47	42.35	7.62	177.2	647	49.5	12.4	197	2.98	12.7	.2	7.0	2.0	25.1	.57	1.80	.30	33	.03	.058	5.4	12.0	.16	389.4	.004	4	1.14	.004	.16	<.2	.16	41	.6	.09	4.1	.04
99X05063	1.45	20.15	9.02	85.3	146	23.0	10.0	347	3.02	8.1	.6	12.0	2.1	16.3	.39	.95	.21	76	.15	.057	9.5	28.5	.50	322.5	.034	2	1.76	.006	.06	<.2	.14	85	.9	.05	5.2	.03
99X05064	1.33	97.13	11.16	104.1	157	98.6	40.2	854	7.86	2.5	.1	5.9	1.3	35.2	.20	.45	.26	243	.63	.112	11.6	115.8	1.58	3800.2	.022	5	3.22	.008	.12	<.2	.08	53	.4	.07	12.1	.04
99X05065	8.89	70.96	17.85	205.5	748	38.5	6.3	266	2.54	24.1	5.1	12.1	2.9	91.4	1.62	6.27	.36	265	.34	.224	14.6	50.6	.27	1063.6	.029	3	1.30	.005	.10	.3	.43	223	1.6	.13	4.6	.03
99X05066	4.20	39.12	13.40	250.4	1983	60.4	10.7	279	2.64	11.1	2.8	8.6	2.0	43.3	.78	1.75	.26	118	.59	.054	8.4	33.1	.42	452.4	.021	2	1.35	.008	.06	<.2	.18	301	3.0	.09	4.9	.04
99X05067	2.07	12.40	10.66	71.0	289	11.7	3.8	208	2.29	8.6	.2	4.0	2.0	8.6	.45	.92	.28	75	.07	.036	9.4	17.0	.17	109.7	.046	1	1.21	.005	.03	<.2	.15	23	.4	.05	5.9	.01
99X05068	1.89	8.73	11.62	37.8	222	7.4	2.4	146	2.41	11.2	.1	3.6	1.2	9.2	.24	1.01	.30	85	.06	.033	8.7	17.9	.18	145.3	.043	1	1.28	.005	.03	<.2	.13	38	.8	.06	6.7	.01
99X05069	3.70	33.52	14.63	150.4	550	33.1	15.0	575	3.19	7.1	1.5	9.0	1.6	24.5	.60	1.40	.33	67	.12	.081	8.6	22.3	.19	385.9	.015	3	1.45	.005	.11	<.2	.27	433	1.2	.06	5.4	.03
99X05070	2.90	71.26	13.12	106.5	230	87.3	27.3	397	7.53	6.5	.4	9.8	1.7	29.8	.26	1.03	.26	275	.30	.061	12.2	145.6	1.03	877.0	.041	2	2.78	.010	.07	<.2	.18	92	1.0	.07	13.8	.04
99X05071	4.65	117.11	8.84	359.0	241	63.2	10.8	149	2.85	5.3	.7	3.7	.2	44.1	.41	1.64	.28	77	.02	.081	7.6	15.3	.08	968.1	.007	3	.78	.003	.12	<.2	.13	54	1.2	.07	5.0	.02
99X05072	3.60	35.65	7.96	112.2	225	27.1	6.5	197	1.90	5.0	.6	4.2	<.1	15.6	.64	1.53	.25	60	.12	.036	8.6	16.8	.17	318.0	.015	1	.99	.005	.09	<.2	.15	92	1.2	.06	4.7	.03
99X05073	5.69	66.37	14.29	205.1	452	65.1	12.8	212	3.30	12.1	1.2	15.4	1.3	43.1	.68	2.27	.33	83	.09	.081	7.8	24.5	.14	967.6	.012	2	1.27	.003	.09	<.2	.26	229	2.2	.11	4.5	.06
99X05074	1.30	15.34	11.17	82.2	175	22.1	11.2	327	3.01	11.3	.4	6.3	2.8	12.3	.38	.99	.25	68	.10	.040	9.5	33.0	.50	225.7	.053	1	2.28	.008	.04	.2	.12	49	.5	.03	5.2	.01
99X05075	2.48	33.00	7.95	247.3	464	52.3	23.2	426	5.08	5.9	.4	1.5	2.1	25.4	2.47	.87	.22	156	.27	.090	8.8	68.5	.89	840.7	.049	3	2.30	.009	.07	<.2	.13	39	.9	.04	9.0	.02
99X05076	13.68	37.72	10.44	301.9	683	59.6	8.1	192	2.44	16.5	1.8	2.0	2.0	39.0	1.03	7.48	.25	220	.19	.073	7.8	30.8	.31	618.6	.017	2	1.33	.005	.08	<.2	.24	49	4.9	.06	4.5	.06
99X06049	53.76	37.84	17.60	409.2	670	62.5	4.1	168	2.92	30.0	4.9	.8	1.9	77.4	1.65	14.41	.33	659	.06	.095	8.3	34.9	.27	674.0	.017	5	1.84	.005	.18	<.2	1.06	68	10.9	.10	7.2	.18
STANDARD DS	14.88	128.24	29.95	162.9	255	38.0	12.7	805	3.13	63.7	19.8	202.5	3.0	29.8	10.45	9.37	10.59	82	.55	.081	12.8	166.6	.63	143.8	.112	4	1.81	.038	.16	7.2	2.06	240	2.7	1.82	6.0	.02

Standard is STANDARD DS2. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data ✓ FA ____

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99X06050	1.99	18.33	12.12	94.3	937	29.3	10.0	321	2.94	11.3	.5	3.8	4.0	12.1	.46	1.16	.25	74	.08	.043	7.8	32.5	.51	222.7	.042	3	2.24	.006	.06	.3	.12	64	.6	.05	5.8	<.01
99X06051	2.48	30.22	6.92	166.6	151	34.7	10.5	337	3.07	9.0	.8	8.1	1.8	16.5	1.26	.96	.17	100	.11	.056	10.0	26.4	.39	517.6	.022	4	1.62	.006	.06	<.2	.15	68	.8	.03	5.5	<.01
99X06052	1.77	27.65	12.98	107.6	677	30.0	12.0	241	2.92	9.5	.4	5.0	3.4	10.9	.58	.97	.34	81	.09	.026	8.4	37.2	.45	338.9	.059	2	2.62	.007	.05	<.2	.17	70	.5	.08	7.2	.02
99X06053	3.68	42.45	11.27	110.2	636	28.0	7.5	213	3.04	13.0	.6	11.5	2.5	30.8	.49	1.53	.25	121	.09	.086	6.9	33.2	.38	521.3	.017	3	1.98	.005	.10	<.2	.22	151	1.6	.09	6.6	.03
99X06054	6.57	47.15	12.60	202.4	862	40.2	7.8	207	3.65	16.2	1.0	7.5	2.4	27.9	.37	3.48	.26	151	.06	.065	6.7	28.8	.27	615.4	.015	3	1.48	.005	.13	<.2	.47	111	3.2	.09	5.0	.14
99X06055	2.41	37.08	10.65	80.3	295	27.7	8.2	192	2.94	14.7	.5	10.2	3.0	29.2	.28	1.54	.23	77	.07	.046	7.1	32.0	.46	325.7	.032	2	2.18	.006	.09	<.2	.18	80	1.3	.06	5.4	.07
99X06056	1.89	42.62	9.61	106.2	156	27.3	7.5	232	2.72	8.2	.4	6.6	3.0	21.8	.28	1.02	.20	78	.14	.078	8.9	25.2	.34	449.1	.026	2	1.39	.005	.07	<.2	.14	46	.8	.05	5.0	.02
99X06057	2.28	39.21	6.17	105.9	376	47.9	22.0	654	3.54	4.5	.7	5.3	1.4	47.9	.51	.91	.13	145	.65	.086	11.7	71.2	1.03	3084.1	.083	3	2.11	.011	.10	<.2	.19	210	.9	.03	7.9	.04
99X06058	4.16	69.14	12.06	253.1	910	66.7	7.6	159	2.56	12.3	1.8	7.4	.4	83.7	.70	2.98	.25	83	.16	.126	10.9	27.0	.15	790.7	.019	2	.80	.004	.08	.2	.20	330	4.0	.10	3.4	.04
99X06059	.99	13.30	9.52	48.7	17	16.6	7.0	179	2.30	9.5	.5	3.2	3.0	12.1	.17	.83	.18	54	.12	.037	10.8	24.4	.38	175.1	.046	1	1.52	.006	.03	.2	.10	30	.7	.03	4.6	.02
99X06060	2.03	42.77	7.10	111.1	202	40.0	10.8	309	2.64	7.4	1.4	8.3	2.2	32.2	.61	1.44	.15	75	.26	.099	12.7	37.6	.51	780.8	.044	1	1.43	.009	.07	<.2	.13	163	.6	.05	4.5	.02
99X06061	1.17	12.28	5.84	31.3	72	9.8	3.2	177	.88	1.0	.3	2.6	<.1	12.2	.30	.46	.19	25	.06	.032	8.4	9.5	.06	231.7	.009	1	.64	.004	.04	<.2	.09	23	.4	.03	4.3	.03
99X06062	1.84	16.29	11.82	85.4	580	21.7	10.2	355	3.07	9.3	.4	2.1	3.5	10.6	.48	.92	.28	121	.08	.035	9.0	35.1	.47	302.6	.060	1	2.33	.007	.05	.2	.14	34	.6	.05	6.7	.02
99X06063	6.72	25.36	7.86	189.8	560	37.7	9.0	202	2.80	12.0	.7	3.2	2.3	34.4	.76	4.07	.17	127	.08	.049	9.4	27.4	.30	814.9	.021	2	1.22	.005	.09	<.2	.35	104	1.8	.05	4.4	.05
99X06064	2.95	23.96	9.70	92.1	157	27.5	7.8	215	2.36	10.7	.3	1.0	1.8	25.9	.49	1.54	.23	84	.15	.036	6.8	24.3	.23	498.7	.018	2	1.34	.005	.06	<.2	.21	86	1.5	.06	4.4	.04
99X06065	2.09	34.23	10.20	124.2	193	50.1	14.3	493	3.10	8.9	.5	2.1	1.7	65.1	.63	1.07	.25	117	.21	.055	7.8	23.2	.24	858.9	.016	2	1.07	.006	.09	<.2	.15	64	1.1	.06	3.9	.07
99X06066	.96	37.18	9.03	61.0	229	17.9	7.9	302	2.59	2.2	.5	4.0	1.8	37.0	.81	.69	.43	46	.65	.045	7.0	16.7	.37	730.0	.020	4	1.18	.007	.16	<.2	.14	60	.8	.03	4.7	.04
99X06067	2.03	50.62	5.88	94.7	321	39.5	14.9	341	3.26	5.6	1.2	10.9	2.3	59.3	.64	1.04	.18	110	.96	.103	14.0	27.6	.59	1180.4	.018	5	1.43	.009	.10	<.2	.17	229	1.2	.05	5.5	.06
99X06068	1.19	60.50	10.14	64.3	816	25.7	5.5	286	2.06	5.6	3.3	21.0	1.1	84.5	1.29	.68	.28	56	1.48	.076	9.1	27.2	.40	1296.4	.005	3	1.40	.008	.10	<.2	.19	580	2.5	.10	4.6	.09
99X06071	1.33	11.75	5.91	30.0	43	4.0	1.7	39	.74	4.8	.3	3.8	.4	7.6	.16	.59	.23	52	.05	.019	9.2	12.8	.12	144.4	.016	3	.93	.003	.10	<.2	.19	31	.4	.05	6.7	.01
RE 99X06071	1.23	11.28	6.14	28.9	41	4.1	1.7	38	.70	4.4	.3	4.2	.4	6.7	.16	.59	.23	47	.05	.018	8.7	12.0	.10	129.9	.014	3	.85	.003	.09	<.2	.17	34	.4	.03	6.2	.01
99X06072	59.01	162.62	13.05	1461.8	4049	192.6	8.9	298	2.17	47.6	12.6	11.0	2.0	88.8	19.74	34.88	.27	495	1.19	.264	12.5	36.2	.18	1481.8	.004	5	.85	.005	.16	<.2	2.35	2101	12.2	.20	3.3	.07
99X06073	3.71	33.34	18.58	89.4	856	38.7	10.3	274	4.84	20.5	.8	4.0	3.0	24.8	.47	2.72	.38	109	.06	.081	7.5	38.8	.34	365.5	.038	2	2.63	.006	.09	.2	.15	104	1.1	.14	7.7	.07
99X06074	1.83	66.82	8.41	85.1	97	28.7	8.5	173	2.59	7.6	.5	11.4	2.4	25.8	.29	1.35	.21	63	.11	.037	9.9	26.2	.42	588.3	.034	3	1.36	.006	.08	<.2	.11	88	1.3	.05	4.3	.02
99X06075	1.61	21.62	9.06	66.7	424	24.2	9.3	198	2.85	7.4	.3	2.6	2.5	13.6	.24	1.00	.23	75	.11	.020	9.3	27.2	.41	723.5	.035	2	1.69	.006	.07	<.2	.17	59	.5	.05	5.5	.02
99X06076	1.70	28.79	9.16	84.7	366	24.1	10.5	259	3.30	7.3	.3	3.6	2.8	10.9	.27	1.06	.26	91	.07	.025	9.7	33.6	.39	465.3	.028	3	2.00	.005	.07	<.2	.17	57	.5	.06	7.4	.04
99X06077	1.71	50.90	15.11	79.6	1118	28.6	9.9	229	3.44	10.6	.3	2.8	2.7	11.1	.30	1.20	.33	85	.08	.029	7.7	36.1	.29	279.5	.040	2	2.22	.005	.05	<.2	.16	103	.8	.07	7.2	.02
99X06078	1.53	43.30	14.55	66.0	860	30.5	12.2	221	3.55	11.4	.5	5.3	3.4	10.3	.33	1.16	.30	75	.07	.035	9.1	34.3	.35	217.8	.045	2	2.51	.006	.06	<.2	.14	105	.9	.05	6.2	.01
99X06079	1.36	41.66	9.89	83.3	629	31.7	13.6	387	2.45	5.6	1.1	18.8	1.2	40.2	.55	.77	.27	77	.46	.090	13.0	41.4	.65	1778.0	.022	3	2.14	.011	.09	<.2	.16	360	.9	.04	6.4	.06
99X06080	2.14	122.68	16.39	138.9	151	39.8	15.3	399	3.95	9.3	.7	7.8	3.0	25.5	.46	1.49	.39	80	.17	.048	9.4	38.5	.41	743.4	.039	2	1.54	.006	.11	<.2	.17	65	2.2	.10	6.1	.03
99X06081	2.40	27.51	7.84	104.0	246	33.0	15.7	476	2.82	6.9	.6	2.4	2.6	24.3	.60	1.34	.26	110	.23	.045	10.9	41.5	.62	2862.7	.046	2	2.01	.010	.08	<.2	.16	115	.7	.03	6.6	.04
99X06082	2.13	36.75	5.89	108.7	223	48.7	12.7	260	2.80	6.3	.7	.9	2.5	48.1	.57	1.55	.21	125	.57	.056	11.3	71.1	.90	2945.5	.039	2	2.01	.015	.07	<.2	.12	93	.9	.03	6.3	.04
99X06083	2.25	31.03	6.72	155.4	185	56.6	18.4	396	3.08	7.8	.5	<.2	2.9	39.3	.64	1.49	.22	141	.51	.052	10.3	82.6	1.03	1842.0	.036	3	2.42	.014	.07	<.2	.12	75	.7	.04	7.1	.02
99X06084	2.40	26.02	7.42	124.1	620	35.1	8.9	206	2.13	7.3	1.2	2.2	.4	54.0	.96	1.81	.22	106	.44	.073	8.9	43.9	.57	1110.5	.019	2	1.60	.015	.06	<.2	.16	299	.9	.04	5.1	.06
99X06085	1.13	57.07	6.95	90.3	349	28.3	7.7	330	1.63	4.3	1.8	5.8	1.6	87.9	.75	1.30	.21	52	2.12	.096	9.4	25.4	.54	739.5	.011	6	1.32	.012	.10	<.2	.14	383	1.8	.03	3.9	.08
STANDARD DS	14.30	128.77	31.21	164.7	257	37.9	12.8	816	3.15	64.9	21.0	202.3	3.2	29.2	11.44	9.69	11.06	82	.55	.081	13.1	167.9	.63	142.5	.112	4	1.80	.038	.16	7.3	2.09	235	2.6	1.83	6.1	.02

Standard is STANDARD DS2. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data f FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99X06086	1.67	47.07	10.17	79.5	301	29.2	8.4	311	2.29	8.4	.9	10.1	4.1	60.4	.37	1.26	.17	65	1.08	.074	10.4	29.0	.46	879.9	.027	3	1.41	.015	.07	<.2	.10	154	1.2	.03	4.1	.03
99X06087	1.55	41.70	9.28	77.4	633	28.8	8.3	391	2.54	8.3	1.3	8.9	3.3	38.3	.30	.96	.27	69	.69	.057	16.3	31.5	.46	927.2	.036	1	1.76	.018	.08	<.2	.09	197	.6	.04	4.8	.01
99X06088	1.98	33.39	10.18	78.8	191	26.4	8.6	244	2.98	12.5	.4	5.7	2.9	20.7	.19	1.30	.20	80	.14	.066	7.7	32.9	.52	308.6	.054	1	1.82	.015	.06	<.2	.10	46	.6	.04	5.5	<.01
RE 99X06088	2.04	33.89	10.18	82.6	190	27.8	8.8	255	3.06	12.8	.5	4.6	3.0	20.8	.17	1.28	.18	83	.15	.069	8.1	32.7	.54	316.5	.056	<1	1.87	.016	.06	<.2	.10	43	.6	.03	5.6	.01
99X06089	2.54	45.61	11.81	79.7	321	25.0	6.7	214	2.72	10.1	.6	3.6	2.3	26.3	.17	1.32	.26	88	.14	.042	9.7	31.2	.40	710.5	.045	<1	1.81	.013	.07	<.2	.14	69	.9	.03	6.2	.03
99X06090	1.98	30.61	12.62	69.0	318	21.7	8.9	333	3.28	13.2	.4	.5	2.5	16.1	.22	1.23	.20	84	.08	.090	7.6	30.5	.33	309.2	.037	<1	1.67	.009	.06	<.2	.10	46	.8	.06	5.6	.03
99X06091	2.13	38.40	12.62	79.2	127	26.9	9.5	284	3.52	13.8	.5	<.2	2.4	16.3	.24	1.29	.41	79	.05	.043	6.5	27.9	.28	320.6	.035	2	1.79	.009	.05	<.2	.07	36	.9	.04	5.6	.02
99X06092	2.17	28.03	11.19	66.0	122	25.5	7.8	206	2.79	13.9	.7	3.9	3.3	19.6	.13	1.55	.19	78	.07	.027	6.9	33.4	.47	429.1	.042	1	2.09	.012	.06	<.2	.10	78	.6	.06	5.2	.03
STANDARD DS2	13.56	127.39	30.10	163.1	245	37.5	11.9	798	3.12	62.7	20.1	196.8	3.0	29.0	10.67	9.53	10.48	82	.55	.081	12.7	166.3	.63	142.7	.116	2	1.79	.037	.16	7.0	2.00	223	2.4	1.61	5.7	.01

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data A FA ____

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 4/#2 File # 9902162

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99R05047	2.29	12.80	5.47	52.9	1053	13.2	6.0	226	1.95	44.6	.1	2.6	.3	19.9	<.01	1.00	<.02	21	.05	.017	6.4	23.5	.04	323.8	.002	<1	.35	.003	.06	3.8	.05	342	.3	<.02	1.0	.01
RE 99R05047	2.28	11.68	5.49	51.4	899	12.5	5.9	221	1.91	43.0	.1	1.4	.4	18.6	<.01	.94	<.02	20	.05	.017	6.1	25.4	.04	305.7	.002	<1	.34	.004	.06	3.9	.05	323	.3	<.02	1.0	.02
STANDARD DS2	14.33	128.44	32.86	162.8	243	36.6	12.2	824	3.21	61.6	22.5	209.9	2.1	36.3	11.12	9.35	11.22	76	.56	.082	14.5	161.2	.59	141.9	.114	<1	1.78	.039	.15	7.1	2.14	269	2.1	1.75	5.8	.04

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: ROCK Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 12 1999 **DATE REPORT MAILED:** July 19/99 **SIGNED BY.** ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data ___ FA ___

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.)
852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 5/#3 File # 9902163 Page 1

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99X04028	4.51	18.11	13.57	243.7	569	29.6	9.5	324	3.47	12.1	.6	2.5	3.0	10.6	.90	1.62	.30	88	.06	.049	7.2	27.6	.30	171.2	.028	2	1.86	.007	.04	.3	.15	38	1.1	.05	6.6	<.01
99X04029	2.53	20.48	10.33	89.9	170	21.4	6.2	225	2.94	13.2	.6	9.9	.8	11.6	.32	1.83	.22	91	.06	.054	7.2	26.7	.31	109.1	.023	1	1.43	.005	.03	.2	.12	66	.8	.05	5.1	<.01
99X04030	2.39	27.64	12.80	84.6	101	18.0	6.1	231	3.33	13.9	.5	8.1	1.8	10.4	.36	1.34	.39	92	.05	.050	7.9	23.5	.17	120.4	.033	1	1.67	.005	.03	.3	.10	39	.9	.08	6.5	<.01
99X04031	2.12	34.62	11.59	143.4	54	29.3	7.5	306	3.16	10.5	.6	13.3	.5	13.6	.21	1.28	.26	66	.06	.053	7.4	22.0	.28	96.5	.030	1	1.33	.005	.04	.2	.11	65	.9	.05	4.9	.02
99X04032	2.28	46.10	13.53	91.7	515	23.8	5.5	120	1.80	7.0	2.1	11.2	<.1	39.4	.69	1.10	.28	46	.17	.072	8.7	25.8	.32	333.7	.021	2	1.20	.008	.06	.3	.18	556	1.2	.09	4.3	.07
99X04033	1.73	34.88	10.13	113.3	269	25.4	9.1	249	2.10	6.5	1.2	8.9	1.4	23.8	.44	1.30	.22	52	.19	.066	10.2	23.9	.44	208.2	.032	1	1.24	.007	.05	.2	.11	198	1.3	.04	3.9	.02
99X04034	2.00	33.44	11.14	115.5	246	28.1	13.1	426	2.23	7.3	1.1	6.1	1.5	22.5	.55	1.34	.23	54	.22	.065	12.0	26.5	.44	339.1	.026	1	1.41	.008	.05	.3	.13	195	.6	.04	4.4	.01
99X04035	2.92	24.97	11.55	110.2	339	24.4	14.3	1195	2.58	7.8	1.0	7.7	1.2	19.5	.53	1.40	.22	61	.18	.071	8.9	22.3	.37	273.2	.022	1	1.19	.006	.04	<.2	.15	323	1.1	.04	4.0	.02
99X04036	3.22	40.84	12.67	170.7	859	38.5	13.5	1505	2.24	6.6	3.0	14.5	.7	78.3	2.04	2.03	.21	78	1.78	.092	11.0	27.7	.38	639.7	.015	3	1.07	.009	.05	<.2	.24	1017	2.4	.06	3.2	.09
99X04037	9.25	27.88	16.61	265.9	429	56.3	46.1	9575	5.16	11.3	2.2	6.2	2.2	48.7	4.33	1.26	.24	90	.68	.103	21.1	33.9	.37	1227.4	.047	2	1.44	.006	.06	<.2	.28	813	1.6	.06	5.3	.06
99X04039	.80	20.57	9.14	62.7	107	18.1	7.3	265	1.85	7.7	.6	6.8	2.3	26.5	.25	.99	.21	40	.33	.067	12.9	24.1	.47	371.3	.036	<1	1.24	.008	.04	.2	.09	63	.5	.03	4.1	.01
99X04040	.92	30.14	11.43	66.4	217	23.5	9.5	420	2.38	11.8	1.0	5.7	1.2	30.0	.21	1.09	.27	54	.36	.057	13.4	26.5	.49	497.2	.027	<1	1.52	.008	.04	<.2	.10	93	.4	.04	5.0	<.01
99X04041	1.09	19.81	9.66	61.7	70	21.3	8.1	253	2.44	13.2	.4	3.4	2.2	19.2	.23	1.13	.23	58	.20	.043	10.2	27.1	.53	347.6	.041	<1	1.58	.008	.04	.2	.07	41	.4	.02	4.9	<.01
99X04042	1.13	26.34	11.13	65.1	115	19.9	8.5	432	2.21	14.7	.5	2.5	2.3	18.0	.30	1.52	.25	48	.20	.076	10.8	20.9	.45	277.8	.054	1	1.19	.006	.07	.2	.12	41	.4	.03	4.3	<.01
99X04043	1.02	18.36	10.43	56.2	88	18.1	7.3	279	2.37	12.4	.4	3.0	2.3	18.1	.17	1.01	.23	57	.18	.048	9.4	24.6	.46	314.9	.040	<1	1.48	.008	.03	.3	.10	32	.3	.02	4.9	<.01
RE 99X04043	.95	17.43	9.79	53.3	77	17.0	6.8	265	2.26	11.9	.3	9.9	2.0	17.1	.16	.97	.21	53	.17	.046	8.5	23.5	.44	304.4	.035	<1	1.42	.008	.03	<.2	.08	33	.3	.02	4.5	<.01
99X04044	.83	17.78	8.61	49.4	105	18.6	8.7	277	2.16	10.7	.4	6.1	2.5	17.1	.18	.89	.19	46	.19	.045	9.2	21.8	.42	287.5	.034	<1	1.30	.007	.03	.2	.06	33	.5	.02	3.7	<.01
99X04045	.86	21.97	8.01	54.1	70	21.0	7.5	264	2.04	10.2	.4	8.5	2.6	20.3	.28	1.01	.19	43	.25	.063	10.1	26.2	.49	289.7	.036	<1	1.28	.008	.04	.3	.06	59	.4	.02	3.7	<.01
99X04046	.71	14.72	7.23	42.0	107	14.9	5.2	141	1.88	8.4	.3	5.2	1.2	15.5	.14	.66	.18	41	.20	.047	8.9	18.3	.36	221.9	.025	<1	1.17	.006	.03	<.2	.07	31	.3	.02	3.7	<.01
99X04047	.74	18.97	8.88	47.8	33	19.0	7.0	207	2.18	10.0	.6	3.1	2.8	12.2	.16	.82	.21	50	.11	.027	10.9	25.4	.43	257.1	.035	<1	1.61	.006	.03	.2	.08	28	.4	.03	4.4	<.01
99X04048	.55	16.16	7.79	40.6	68	16.8	6.5	202	1.95	8.5	.5	3.1	1.6	14.0	.15	.66	.17	41	.18	.030	9.7	21.8	.38	301.4	.029	<1	1.25	.007	.02	<.2	.06	33	.3	.02	3.5	<.01
99X04049	.62	16.67	8.64	41.6	76	17.6	5.6	137	2.01	9.7	.4	3.6	.2	13.4	.27	.95	.42	43	.12	.039	8.3	22.1	.38	188.7	.029	1	1.27	.006	.03	<.2	.06	25	.3	.04	3.9	<.01
99X04050	.81	26.05	8.07	55.7	36	19.9	7.1	247	2.04	11.6	.6	9.9	2.5	16.1	.19	1.08	.20	41	.18	.053	12.3	22.1	.45	209.5	.043	<1	1.14	.008	.03	<.2	.07	86	.2	.04	3.1	<.01
99X04051	1.21	18.20	12.64	56.3	128	17.8	6.6	360	2.42	18.4	.5	2.8	2.1	10.7	.28	1.14	.30	59	.07	.054	9.3	24.5	.38	300.3	.033	<1	1.54	.006	.04	.2	.10	50	.3	.04	5.2	<.01
99X04052	.99	13.38	12.48	47.1	23	16.4	6.8	201	2.46	16.0	.5	5.6	2.5	9.8	.19	1.01	.30	59	.08	.029	8.8	27.1	.40	177.9	.033	<1	1.76	.006	.03	.2	.10	24	.4	.04	5.5	<.01
99X04053	1.72	27.45	14.45	82.3	197	24.5	9.7	287	2.59	22.6	1.1	11.6	4.2	27.9	.40	2.74	.28	86	.27	.061	13.3	35.8	.76	223.9	.068	1	2.07	.009	.07	.5	.19	35	.8	.03	6.8	<.01
99X04054	1.21	18.86	12.52	73.4	114	20.3	9.8	270	2.47	23.4	.5	5.7	2.9	20.5	.45	1.99	.41	65	.24	.036	10.3	29.4	.70	153.0	.070	1	1.75	.008	.09	.2	.17	22	.9	.06	6.0	<.01
99X04055	1.42	14.89	12.71	92.2	162	18.9	9.5	207	2.69	63.0	.4	1.3	3.9	9.8	.79	2.83	1.25	66	.07	.032	13.0	34.0	.77	297.5	.035	<1	2.17	.007	.09	<.2	.29	17	.9	.10	7.5	<.01
99X04056	3.77	33.77	13.53	307.3	2162	55.8	10.6	280	2.93	83.3	1.1	4.4	3.0	19.9	1.72	7.44	4.17	95	.15	.176	10.1	37.1	.48	220.3	.026	<1	1.97	.006	.06	.2	.17	146	1.7	.36	6.1	<.01
99X04057	5.29	60.84	12.87	215.0	1151	48.4	9.7	221	2.78	32.7	1.6	8.0	3.6	25.9	1.62	8.61	.56	148	.17	.122	11.6	44.6	.70	280.3	.034	1	2.22	.007	.07	.2	.20	374	2.4	.10	5.9	<.01
99X04058	8.99	58.20	13.23	304.6	817	44.6	7.4	218	2.70	34.2	2.2	5.1	3.3	39.3	1.56	12.12	.45	195	.18	.105	13.4	34.0	.51	370.9	.025	<1	1.50	.006	.10	.2	.30	360	6.1	.11	5.2	.01
99X04059	2.36	22.72	11.71	113.4	657	20.6	6.4	271	1.99	18.4	1.5	3.9	1.7	23.4	1.73	2.90	.34	84	.21	.062	11.4	26.4	.42	391.3	.023	<1	1.43	.006	.05	.2	.13	170	1.2	.05	5.0	<.01
99X04060	3.08	30.00	12.59	175.4	571	29.5	7.1	202	2.24	16.2	2.0	4.2	2.6	40.6	1.90	3.01	.40	96	.49	.038	12.2	29.4	.59	436.1	.034	<1	1.68	.009	.08	.3	.20	154	1.2	.06	6.3	<.01
99X04061	2.06	26.72	11.55	122.8	314	22.6	8.9	365	1.84	11.6	2.5	8.9	2.0	45.3	1.24	3.22	.30	58	.77	.070	14.0	23.9	.61	276.5	.024	1	1.23	.007	.08	.2	.15	295	3.6	.04	4.0	.05
99X04062	5.42	87.44	16.49	215.1	756	47.5	9.5	174	2.89	11.5	1.5	19.2	<.1	23.7	.77	3.12	.35	66	.05	.075	6.1	17.4	.10	153.8	.010	<1	.56	.003	.07	<.2	.17	399	2.1	.12	3.1	.02
STANDARD DS2	13.75	128.49	30.95	163.2	266	37.8	12.5	809	3.15	60.7	21.9	195.9	2.7	29.5	11.54	9.87	11.39	82	.55	.081	14.3	160.0	.60	137.9	.118	3	1.72	.037	.16	7.1	2.16	248	2.2	1.88	6.0	.02

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: SOIL Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 12 1999 DATE REPORT MAILED: July 19/99 SIGNED BY: C. Leong .D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only. Data ___ FA ___

ACME ANALYTICAL

International Kodiak Resources Inc. PROJECT AREA 5/#3 FILE # 9902163 Page 2

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99X04063	.96	37.78	6.22	29.5	812	9.5	1.1	43	.60	1.8	2.1	15.3	2.1	26.2	1.07	.85	.14	25	.08	.084	6.8	16.8	.04	140.3	.009	4	.44	.005	.05	<.2	.14	1116	1.7	.05	2.9	.04
99X04064	5.46	73.29	16.25	126.1	1970	33.8	3.4	82	1.64	9.4	6.5	17.2	.5	73.2	2.08	2.35	.22	77	.15	.195	9.5	27.5	.06	403.1	.006	4	.76	.005	.08	<.2	.24	1506	2.8	.11	2.8	.09
99X04065	2.59	13.22	8.67	30.2	295	6.8	1.0	36	.87	9.4	1.3	15.7	.1	34.5	.35	2.64	.15	172	.05	.053	9.8	35.3	.06	136.0	.018	3	.77	.005	.05	<.2	.22	224	1.0	.08	6.7	.04
99X04066	3.03	24.12	11.23	60.4	356	18.1	4.8	210	2.21	14.7	2.7	23.9	.2	38.1	.50	1.26	.32	86	.23	.094	11.3	23.4	.26	320.1	.029	2	1.12	.006	.06	<.2	.13	390	1.2	.11	5.9	.04
99X04067	1.94	30.45	8.40	266.1	105	29.0	7.2	633	3.81	6.4	.8	1.1	3.3	17.3	1.20	1.15	.18	65	.09	.028	10.6	26.2	.23	379.1	.024	2	1.86	.006	.05	<.2	.15	86	.3	.06	5.9	.01
99X04068	1.75	20.74	13.21	72.4	168	25.7	10.6	360	3.45	14.5	.7	<.2	3.4	16.6	.24	1.35	.22	83	.10	.035	11.1	43.8	.53	188.9	.083	1	2.62	.011	.05	.2	.15	52	.6	.07	7.5	.02
99X05019	2.11	10.94	11.92	52.3	146	14.5	9.6	601	3.13	11.3	.6	<.2	2.9	15.5	.37	.81	.20	79	.08	.074	10.6	28.6	.38	186.6	.045	1	1.73	.010	.04	.2	.13	32	.4	.06	6.3	.01
99X05020	1.83	22.98	13.82	109.4	222	25.6	11.3	353	3.37	11.0	.6	<.2	3.4	16.0	.56	1.09	.24	92	.08	.039	11.3	40.3	.47	344.7	.061	2	2.47	.009	.06	<.2	.15	42	.4	.06	8.3	.01
99X05021	2.89	27.72	11.91	74.4	783	23.9	13.9	1583	2.33	10.3	1.4	14.6	.5	54.7	.64	1.15	.18	103	.77	.069	10.7	31.0	.34	855.1	.024	3	1.47	.011	.06	<.2	.22	203	1.0	.07	5.1	.06
99X05022	3.28	51.60	9.37	104.9	163	35.6	9.2	163	2.66	9.2	1.1	8.4	3.4	47.5	.41	1.45	.14	80	.47	.028	13.4	33.2	.59	488.4	.029	3	2.03	.008	.08	<.2	.20	135	1.4	.06	5.3	.02
99X05023	2.28	25.17	9.28	77.8	204	21.1	8.4	185	2.70	8.6	.7	3.3	3.6	23.8	.30	.94	.13	74	.26	.043	12.4	30.4	.56	354.0	.045	2	1.90	.010	.08	<.2	.16	59	.6	.04	5.5	.01
99X05024	2.15	24.87	8.45	78.9	200	20.4	8.9	273	1.83	2.7	1.8	10.8	3.6	46.0	.30	.73	.11	49	.51	.051	17.7	27.7	.59	591.2	.029	3	1.57	.011	.09	<.2	.14	119	.8	.02	4.6	.02
99X05025	2.44	25.98	29.39	170.1	378	18.9	10.0	570	1.79	46.1	3.1	17.9	2.4	54.5	1.08	1.17	3.31	73	.85	.068	18.1	32.4	.74	316.2	.058	2	1.58	.014	.07	.3	.27	88	2.8	.21	5.6	.05
99X05026	3.79	47.41	26.46	169.7	918	31.7	11.8	630	2.31	221.6	3.6	25.2	1.3	50.6	1.34	1.77	4.71	78	.86	.075	19.2	34.6	.75	393.1	.033	2	1.60	.013	.06	<.2	.31	117	3.6	.17	5.8	.06
99X05027	4.75	22.47	11.86	80.0	62	26.7	8.3	194	3.51	14.0	.9	3.2	3.7	13.6	.19	2.04	.28	94	.07	.025	15.3	34.4	.53	205.2	.064	2	1.94	.008	.10	<.2	.17	22	.8	.07	8.6	.01
99X05028	2.30	33.91	20.15	103.1	379	22.5	10.1	752	2.21	19.6	2.1	7.8	3.4	57.3	.47	1.99	.70	75	.87	.064	20.1	29.9	.92	526.1	.032	3	1.76	.011	.09	<.2	.21	115	2.6	.07	6.1	.05
99X05029	2.13	26.04	17.47	115.7	171	20.6	6.6	238	2.35	19.4	1.3	4.3	.5	27.6	.80	.86	.25	75	.18	.064	13.8	31.7	.67	285.0	.048	2	1.59	.009	.09	.2	.19	31	.8	.04	6.1	.03
99X05030	1.66	12.43	11.86	44.1	86	9.2	3.6	249	2.00	5.1	.7	2.1	1.7	12.4	.16	.68	.26	67	.08	.024	13.1	15.7	.16	177.3	.086	1	.96	.007	.05	.2	.12	36	.1	.06	7.2	.01
99X05031	1.35	12.41	11.29	43.6	294	10.4	4.6	214	2.11	3.8	.5	3.2	2.4	16.0	.38	.72	.39	62	.08	.030	12.9	17.7	.17	263.7	.046	2	1.06	.006	.06	.2	.09	32	.1	.04	5.7	.01
99X05032	1.94	17.17	9.51	74.5	53	18.9	6.4	403	2.46	6.5	.7	10.9	1.9	11.5	.25	.89	.23	60	.05	.031	10.6	17.4	.18	107.9	.047	2	1.10	.006	.05	.2	.13	47	.4	.06	5.5	.02
RE 99X05032	1.95	17.91	9.28	75.7	49	19.6	6.3	404	2.47	6.2	.6	5.2	1.7	11.3	.22	.85	.21	60	.05	.032	10.4	19.3	.18	107.1	.047	1	1.10	.006	.05	<.2	.12	47	.3	.05	5.4	.03
99X05033	1.68	12.80	11.82	65.5	62	12.5	6.1	347	3.17	9.3	.5	5.3	2.9	11.5	.35	.83	.25	84	.06	.028	11.9	31.3	.28	163.3	.072	1	1.66	.009	.04	.2	.12	21	.2	.06	7.8	.02
99X05034	4.68	22.09	14.82	62.9	352	19.5	7.6	292	3.51	17.4	.6	4.7	2.1	29.4	.74	1.96	.31	83	.06	.045	7.8	31.9	.29	233.6	.036	1	1.90	.008	.10	.2	.17	84	.7	.13	6.7	.15
99X05035	3.33	29.04	16.24	123.2	549	28.8	9.8	450	3.00	14.9	1.0	5.2	1.8	30.8	2.07	1.65	1.63	116	.08	.055	17.8	33.8	.30	455.7	.052	1	1.48	.007	.09	<.2	.20	62	1.1	.12	6.0	.06
99X05036	4.29	32.53	12.78	161.2	689	39.6	7.5	293	3.08	15.6	1.7	9.5	1.0	35.0	2.86	1.84	.27	150	.11	.090	9.4	39.1	.31	298.1	.032	2	1.71	.008	.09	<.2	.20	84	1.6	.10	5.9	.08
99X05037	1.86	51.06	16.08	73.1	79	24.5	8.1	307	3.33	11.8	.8	12.8	2.2	17.7	.37	1.63	.28	94	.07	.036	11.7	34.8	.27	148.8	.048	1	1.50	.006	.05	.3	.15	47	.8	.14	6.0	.04
99X05038	3.04	27.91	12.87	69.2	385	21.4	6.8	244	2.49	11.2	.9	10.5	3.0	28.9	.38	1.64	.15	139	.10	.037	9.0	38.9	.40	368.9	.037	2	1.67	.008	.07	<.2	.17	65	.8	.07	4.7	.05
99X05039	1.87	18.16	14.96	85.1	766	20.3	8.9	372	3.55	12.3	.6	9.8	2.9	16.3	.61	.92	.25	99	.09	.044	10.9	39.3	.51	234.1	.090	1	2.20	.009	.06	.3	.16	63	.4	.07	8.1	.03
99X06015	2.84	21.98	18.05	68.0	55	14.8	5.4	219	2.66	22.6	1.6	10.6	.8	41.9	.38	1.43	.62	99	.10	.070	15.0	31.2	.65	297.5	.057	2	1.92	.012	.14	<.2	.34	32	.9	.06	7.5	.07
99X06016	2.32	27.00	42.31	155.1	241	21.1	13.6	775	4.39	121.4	1.1	9.3	2.6	14.9	.71	2.69	1.36	130	.08	.064	15.3	33.4	.57	177.6	.105	1	1.91	.009	.11	.3	.45	35	1.0	.15	9.9	.04
99X06017	1.30	25.98	40.72	115.5	619	15.6	7.8	245	2.76	685.4	4.0	40.8	2.0	102.9	1.47	2.02	9.66	44	.62	.066	41.0	27.2	.49	186.7	.041	2	1.89	.017	.07	.6	.24	76	3.4	.84	5.7	.09
99X06020	2.40	59.02	118.67	246.9	738	24.1	9.6	582	2.54	210.2	2.5	32.6	1.5	45.3	1.80	1.45	7.13	96	.28	.097	17.6	37.4	.78	230.0	.104	2	1.97	.016	.07	.6	.38	78	1.7	.86	7.0	.08
99X06021	1.68	36.26	26.43	75.9	180	24.7	7.9	319	2.54	92.7	1.4	16.6	1.2	37.9	.70	1.14	2.32	85	.30	.057	11.9	32.0	.74	177.0	.079	2	1.49	.011	.08	.3	.34	36	.8	.18	6.2	.06
99X06022	3.37	21.75	19.24	59.3	90	15.4	7.0	320	2.64	33.1	1.3	15.6	.3	20.8	.26	1.41	.87	96	.08	.087	13.2	26.5	.23	119.9	.060	1	1.23	.009	.07	.3	.27	47	1.1	.12	6.2	.06
99X06023	2.72	22.58	24.09	100.5	294	24.3	9.6	348	3.30	116.1	1.0	12.4	3.6	22.0	.31	1.90	3.36	82	.12	.051	12.5	36.8	.56	290.6	.068	1	2.20	.013	.08	.3	.30	37	2.8	.17	6.9	.06
STANDARD DS2	14.16	126.55	29.32	162.7	248	38.0	12.6	790	3.10	61.3	25.9	209.7	3.3	37.8	11.83	9.91	11.06	80	.55	.080	16.1	159.5	.61	138.6	.116	3	1.74	.037	.16	7.3	2.09	262	2.1	1.81	5.9	.03

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99X06024	5.41	176.48	11.44	177.5	195	42.8	10.9	171	3.50	6.0	.7	14.6	4.2	13.0	.34	1.97	.25	129	.12	.035	24.3	36.4	.77	545.3	.006	6	1.97	.004	.22	<.2	.28	175	2.7	.10	7.4	.01
99X06025	4.92	32.23	8.11	78.5	71	15.6	4.1	94	1.58	4.4	.7	.7	1.0	22.9	1.49	1.69	.21	66	.30	.031	13.1	14.3	.13	341.9	.032	2	.80	.008	.08	<.2	.17	43	1.5	.05	4.7	.03
99X06026	4.49	30.12	10.90	102.5	163	29.4	11.9	244	3.14	10.3	1.0	5.3	3.8	31.1	.39	1.29	.20	73	.26	.067	16.2	33.7	.69	335.6	.039	3	1.87	.010	.16	<.2	.25	35	1.1	.05	6.4	.02
99X06027	2.14	19.28	13.16	83.3	221	17.2	7.0	156	1.90	14.4	1.4	2.7	2.2	49.9	.67	.97	.91	59	.76	.050	15.8	32.9	.73	325.0	.056	4	1.72	.018	.17	<.2	.30	70	4.1	.08	6.6	.07
99X06028	4.02	32.12	43.77	244.2	616	22.2	11.0	420	2.43	84.9	3.5	33.6	2.8	59.7	1.18	1.22	5.64	108	.39	.059	20.2	35.7	.61	236.7	.069	2	2.01	.011	.06	.4	.49	86	2.4	.29	7.8	.03
99X06029	3.25	32.11	31.00	146.1	763	10.3	6.3	422	1.91	36.0	1.6	7.8	<.1	50.4	1.30	1.12	1.25	74	.69	.062	11.9	24.5	.33	227.8	.060	1	1.24	.010	.07	.4	23	59	1.3	.12	5.8	.06
99X06030	1.79	23.24	20.99	84.5	70	23.6	11.2	416	2.65	115.0	1.0	5.6	2.3	21.2	.41	1.60	2.33	68	.18	.057	13.3	28.9	.51	167.7	.073	1	1.57	.008	.10	.4	28	26	1.2	.13	5.9	<.01
99X06031	2.53	108.36	28.92	703.3	752	65.5	12.2	562	2.07	128.2	8.8	47.1	.3	81.8	2.39	3.69	6.37	74	2.64	.104	10.2	23.1	.39	352.9	.032	2	1.00	.009	.04	.2	.24	129	10.3	.53	3.5	.14
99X06033	10.15	117.02	39.07	208.3	166	107.2	22.8	1206	6.59	62.7	1.5	7.8	1.9	24.5	.61	13.88	.65	92	.09	.066	14.1	45.7	.79	170.0	.023	2	1.82	.009	.11	<.2	.39	41	4.6	.15	6.2	.07
99X06035	1.51	18.17	16.21	84.8	261	19.1	7.9	185	2.58	15.0	.7	3.4	3.5	17.4	.34	.89	.29	67	.15	.042	13.6	31.6	.50	227.6	.052	1	2.08	.008	.08	.3	.18	35	.7	.04	6.7	.01
99X06036	1.74	26.12	24.45	95.5	566	20.8	6.7	141	2.27	17.5	1.0	2.6	<.1	25.7	1.91	1.18	.33	64	.16	.055	12.8	23.9	.38	260.9	.046	1	1.61	.008	.07	.5	.20	67	1.0	.06	5.9	.03
99X06037	25.55	47.13	23.19	245.8	414	58.1	7.5	282	2.64	36.1	5.1	7.5	<.1	44.3	1.34	5.10	.61	203	.24	.089	19.2	31.3	.49	408.3	.023	2	1.42	.008	.14	.3	.82	168	2.7	.11	5.6	.06
99X06038	7.69	33.02	24.46	236.0	1682	37.1	9.6	477	4.05	37.1	2.5	3.3	4.4	65.1	.59	3.58	.37	143	.06	.063	17.0	45.0	.40	524.0	.021	2	2.46	.007	.18	<.2	.37	271	2.5	.26	7.7	.26
99X06039	5.39	29.88	14.66	195.9	317	32.0	7.5	219	2.97	14.1	1.2	1.0	1.2	33.9	1.47	2.77	.24	107	.10	.050	12.1	28.9	.24	334.9	.024	1	1.34	.006	.14	<.2	.20	66	1.3	.09	5.3	.07
99X06040	2.15	42.29	21.12	140.5	304	20.1	6.6	351	2.89	20.8	.7	1.3	2.5	11.9	.72	1.70	1.20	97	.05	.033	16.0	22.9	.10	114.8	.097	1	1.05	.006	.05	<.2	.18	44	.6	.12	8.2	<.01
99X06041	2.10	27.43	10.97	91.5	217	23.6	7.9	316	3.52	16.3	.6	5.0	2.0	15.5	.45	1.19	.22	77	.11	.041	11.0	33.8	.44	128.5	.056	1	1.83	.008	.05	.3	.17	54	.8	.06	6.5	.01
RE 99X06041	2.00	25.52	10.44	86.1	209	22.0	7.7	295	3.34	15.3	.6	3.9	1.6	14.4	.38	1.15	.18	72	.10	.038	9.8	31.9	.42	118.0	.047	1	1.73	.007	.05	.2	.15	52	.8	.05	5.9	.01
99X06042	2.69	22.88	12.08	104.8	258	19.4	5.8	239	3.07	11.3	.5	1.5	1.7	19.8	.48	1.14	.23	91	.12	.088	9.8	28.8	.32	208.7	.054	1	1.54	.008	.06	<.2	.15	30	.7	.05	6.7	.01
99X06043	6.99	54.71	29.01	233.4	602	71.1	19.2	706	4.09	21.9	1.4	1.4	2.4	118.5	.63	4.50	.34	145	.12	.083	9.0	76.8	.29	702.9	.032	2	1.26	.006	.19	<.2	.30	117	2.4	.24	4.6	.15
99X06044	4.04	154.65	26.24	158.1	1928	56.9	13.0	1034	4.16	17.7	2.0	37.9	<.1	78.2	1.58	4.11	.37	124	1.28	.130	13.1	42.8	.36	1368.7	.014	3	1.94	.011	.11	<.2	.46	1002	3.4	.18	5.6	.10
99X06045	1.73	51.27	11.22	51.3	145	11.7	2.8	116	1.49	3.7	.6	2.2	<.1	16.2	.42	.89	.18	41	.12	.084	7.2	18.9	.05	194.1	.009	1	.66	.011	.06	<.2	.08	52	.6	.07	3.6	.05
99X06046	2.02	84.62	17.50	82.9	257	28.5	11.4	950	4.25	7.7	.1	5.4	<.1	16.9	.24	4.54	.15	40	.03	.062	3.4	10.9	.09	247.1	.012	4	.71	.004	.19	<.2	.15	59	1.0	.13	3.7	.02
99X06047	4.79	14.20	9.01	58.5	550	14.1	3.8	145	3.08	19.1	.6	.6	1.5	11.1	.09	2.81	.20	174	.05	.032	9.0	34.1	.21	96.0	.075	<1	1.24	.005	.05	<.2	.21	78	1.4	.08	8.2	.02
STANDARD DS2	13.69	129.46	28.00	160.8	253	38.2	12.7	811	3.20	62.7	21.3	189.8	2.6	31.5	11.43	9.87	10.71	77	.56	.083	13.6	158.5	.55	134.1	.112	3	1.70	.036	.16	7.4	2.01	231	2.2	1.81	6.0	.02

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data FA

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 5/#3 File # 9902164

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99S04020	6.46	58.59	11.13	225.8	347	78.0	16.3	3680	3.01	25.3	2.0	10.0	4.5	81.8	2.04	1.82	.45	72	1.00	.121	13.6	27.6	.65	647.5	.022	6	1.18	.012	.18	<.2	.26	337	2.3	.06	4.1	.07
99S04021	2.90	41.46	8.51	132.5	215	40.7	11.4	1298	2.16	10.5	2.0	8.6	3.2	80.6	.92	1.10	.21	58	1.08	.107	11.5	21.4	.53	609.7	.017	6	1.06	.009	.16	<.2	.16	255	2.3	.04	3.6	.10
99S04022	2.79	84.71	57.46	220.0	821	32.2	12.8	713	2.66	497.6	5.8	33.5	3.1	85.8	2.61	2.06	10.78	82	1.10	.091	28.2	36.4	.78	283.5	.062	1	2.11	.017	.11	.3	.35	88	2.8	.53	6.9	.04
99S04023	2.16	46.08	7.94	173.4	336	37.9	9.5	436	1.96	11.3	1.7	10.5	3.0	50.5	1.40	1.17	.35	54	1.01	.110	14.1	22.4	.50	493.6	.027	4	1.14	.010	.12	<.2	.16	272	1.3	.05	3.3	.04
RE 99S04023	2.22	48.79	8.70	178.6	349	39.7	9.9	455	2.04	10.3	1.6	7.8	2.8	45.9	1.47	1.21	.25	53	1.05	.114	13.8	23.1	.50	492.3	.025	4	1.10	.010	.11	<.2	.15	284	1.4	.04	3.4	.05
99S04024	4.04	69.60	12.98	238.9	457	38.5	9.0	619	2.09	11.0	2.5	12.7	1.8	86.0	2.10	2.38	.21	59	1.16	.109	12.3	21.7	.47	498.1	.016	5	1.05	.008	.13	<.2	.22	484	3.1	.08	3.5	.13
99S04025	3.20	68.82	8.67	294.9	359	43.6	8.4	513	1.87	7.3	4.3	5.7	2.2	92.8	1.88	2.13	.35	57	1.39	.102	11.0	21.2	.46	545.8	.016	6	1.00	.007	.11	<.2	.20	407	3.0	.07	2.8	.11
99S04026	2.89	50.90	7.94	362.5	391	52.4	7.7	694	1.78	5.4	3.3	11.7	1.6	129.6	3.82	1.83	.13	41	1.85	.094	8.7	18.2	.49	533.4	.013	7	.82	.007	.09	<.2	.16	333	3.7	.06	2.4	.20
99S04027	1.54	47.39	7.17	102.7	326	31.9	7.9	628	1.54	4.3	2.6	9.0	1.8	84.3	.89	1.02	.11	41	1.56	.084	11.4	21.1	.49	633.2	.018	6	.97	.008	.12	<.2	.16	325	2.9	.03	3.0	.15
99S04038	1.38	16.05	7.38	81.9	122	15.6	5.6	171	1.44	5.2	1.2	2.5	3.2	28.7	.54	1.03	.11	44	.29	.068	13.0	18.6	.29	304.3	.031	1	.99	.007	.05	.3	.10	215	.7	<.02	3.1	.01
STANDARD DS2	14.24	128.61	29.84	164.6	255	38.7	12.7	820	3.23	62.0	24.7	202.1	3.7	29.9	11.47	10.25	11.10	79	.56	.082	14.4	173.2	.59	141.5	.118	3	1.77	.038	.16	7.4	2.10	244	2.2	1.98	6.2	.01

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: SILT Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 12 1999 **DATE REPORT MAILED:** July 16/99 **SIGNED BY.** C. Leong .D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data ✓ FA ___

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 5/#3 File # 9902165

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99R05017	1.53	11.41	25.53	83.4	348	6.9	8.2	795	3.56	9.4	2.6	.5	12.4	36.8	.07	.34	.26	23	.38	.103	30.2	18.3	.90	144.2	.003	<1	1.67	.031	.18	.5	.08	32	<.1	.03	6.4	.01
RE 99R05017	1.44	10.20	24.10	78.8	360	6.6	7.9	756	3.39	8.5	2.5	.3	13.1	34.1	.03	.27	.18	22	.36	.097	29.4	15.9	.86	139.6	.003	<1	1.63	.030	.19	.5	.08	31	<.1	<.02	6.2	.01
99R05018	3.57	35.44	6.08	12.6	894	11.7	1.5	85	.93	14.1	<.1	8.9	<.1	14.9	<.01	.31	<.02	7	.01	.006	1.6	36.3	.07	218.2	.001	<1	.21	.004	.04	13.9	.02	48	.4	.04	1.1	.05
STANDARD DS2	14.33	128.44	32.86	162.8	243	36.6	12.2	824	3.21	61.6	22.5	209.9	2.1	36.3	11.12	9.35	11.22	76	.56	.082	14.5	161.2	.59	141.9	.114	<1	1.78	.039	.15	7.1	2.14	269	2.1	1.75	5.8	.04

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: ROCK Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 12 1999 **DATE REPORT MAILED:** July 19/99 **SIGNED BY** C. Leong ..D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data h FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99X06001	.89	14.84	7.87	72.2	143	25.3	13.8	544	3.03	6.3	.7	1.2	3.5	35.0	.18	.75	.22	69	.77	.071	23.2	46.3	.40	402.6	.018	4	2.02	.010	.07	<.2	.11	67	.2	.04	6.2	.03
99X06002	1.63	17.76	10.74	56.2	178	15.9	9.4	393	3.15	6.9	.6	2.1	3.3	16.7	.34	.71	.29	80	.23	.032	15.2	36.7	.32	352.0	.041	3	1.66	.007	.07	<.2	.11	39	.4	.04	7.7	<.01
99X06003	1.25	23.44	7.70	57.0	205	18.4	6.7	244	2.35	7.0	.7	3.8	1.3	25.3	.19	.77	.31	53	.29	.056	17.1	28.1	.31	633.2	.025	2	1.49	.008	.09	<.2	.12	110	.4	.06	5.5	.04
99X06004	1.94	31.16	10.08	67.2	119	23.8	6.2	204	2.37	8.0	.6	6.6	2.8	28.0	.15	1.89	.22	38	.07	.065	18.7	26.5	.22	334.6	.009	3	1.18	.004	.18	<.2	.19	310	1.1	.05	4.1	.05
99X06005	1.71	46.86	8.68	72.2	423	25.8	7.8	323	2.53	7.6	.9	10.0	1.4	34.2	.14	1.55	.22	51	.30	.095	18.2	29.0	.29	570.0	.012	3	1.52	.006	.11	<.2	.17	361	.8	.05	4.8	.06
99X06006	1.77	82.77	9.05	92.8	250	36.4	15.7	433	3.53	8.6	1.7	7.0	2.9	40.6	.21	2.50	.21	100	.84	.141	25.1	41.1	1.09	318.1	.074	3	2.04	.010	.07	<.2	.13	128	.7	.05	7.2	.03
RE 99X06008	.72	26.13	7.72	74.1	103	26.2	9.4	295	2.67	4.5	1.1	4.3	2.1	31.8	.19	.61	.16	54	.67	.077	21.5	30.1	.76	282.8	.037	2	1.73	.009	.06	<.2	.09	86	.4	.02	5.5	.02
99X06008	.72	26.24	7.81	78.5	100	28.0	9.7	311	2.80	4.7	1.1	4.9	2.2	31.6	.18	.58	.16	56	.71	.081	21.6	31.3	.77	290.0	.037	2	1.75	.009	.06	<.2	.09	83	.3	.03	5.6	.02
99X06009	.60	15.49	8.54	58.3	55	23.3	8.6	339	2.60	5.2	.7	1.9	3.3	23.4	.10	.47	.17	51	.44	.065	16.4	30.5	.68	302.0	.027	2	1.90	.008	.05	<.2	.10	44	.4	.03	5.7	<.01
99X06010	.50	12.48	9.33	70.5	56	20.1	8.0	267	2.38	4.9	.6	2.1	3.2	34.9	.26	.38	.17	44	.78	.060	16.0	28.0	.62	242.4	.021	2	1.72	.009	.07	<.2	.09	50	.1	.02	5.6	.01
99X06011	.87	14.57	7.86	49.8	26	18.0	6.5	158	2.28	6.2	.7	4.6	.8	12.1	.12	.54	.29	48	.16	.051	12.5	26.6	.47	121.9	.046	1	1.46	.006	.04	<.2	.09	37	.5	.05	4.9	.01
99X06012	1.11	21.24	11.43	74.3	72	24.4	12.8	434	3.47	7.1	1.0	3.7	3.3	17.7	.17	.79	.20	75	.31	.069	17.5	29.8	.78	209.0	.121	2	1.81	.008	.05	.2	.12	45	.2	.03	6.7	.01
99X06013	.91	19.64	7.69	60.4	54	20.7	11.0	300	2.98	6.8	.9	4.1	2.3	16.8	.16	.64	.17	69	.27	.070	14.9	26.3	.66	184.4	.131	1	1.68	.008	.05	<.2	.10	39	<.1	.02	5.7	.01
99X06014	1.49	18.10	9.01	108.8	101	20.2	15.1	534	4.61	9.2	.5	2.0	3.3	14.0	.41	.84	.20	128	.19	.029	8.0	26.4	.65	211.7	.310	1	2.08	.007	.04	<.2	.12	25	.4	.04	9.0	.01
STANDARD DS2	14.24	128.61	29.84	164.6	255	38.7	12.7	820	3.23	62.0	24.7	202.1	3.7	29.9	11.47	10.25	11.10	79	.56	.082	14.4	173.2	.59	141.5	.118	3	1.77	.038	.16	7.4	2.10	244	2.2	1.98	6.2	.01

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data 1 FA ___

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 6/#4 File # 9902167

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99S05015	1.28	47.13	7.34	92.6	204	39.0	14.5	433	2.77	6.1	1.5	4.9	1.6	47.3	1.06	.90	.11	73	1.16	.085	16.0	42.6	.86	337.1	.121	3	1.65	.011	.06	<.2	.10	165	2.7	<.02	5.8	.07
RE 99S05015	1.27	46.34	7.22	89.1	209	38.4	14.0	424	2.71	6.2	1.4	4.1	1.1	46.1	1.09	.90	.12	73	1.14	.082	16.2	43.5	.84	334.4	.121	3	1.63	.011	.07	<.2	.10	173	2.6	<.02	5.7	.08
99S05016	2.04	35.52	8.86	101.9	258	30.9	10.2	253	2.48	5.7	1.4	3.7	2.6	46.8	.56	1.35	.10	49	.84	.100	19.4	28.4	.67	356.7	.033	2	1.29	.010	.09	<.2	.11	202	1.5	.03	4.1	.07
STANDARD DS2	14.24	128.61	29.84	164.6	255	38.7	12.7	820	3.23	62.0	24.7	202.1	3.7	29.9	11.47	10.25	11.10	79	.56	.082	14.4	173.2	.59	141.5	.118	3	1.77	.038	.16	7.4	2.10	244	2.2	1.98	6.2	.01

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: SILT Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 12 1999 **DATE REPORT MAILED:** July 16/99 **SIGNED BY:** .....D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data ___ FA ___

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.)
852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 6/#4 File # 9902168

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99R04016	.48	3.87	9.42	34.8	579	8.0	2.5	384	.89	9.0	<.1	2.6	.1	684.7	<.01	1.23	<.02	2	22.23	.023	13.2	11.8	.30	71.8	<.001	<1	.34	.006	.06	2.9	<.02	62	.1	.07	.7	.02
99R05000	.12	48.21	3.35	81.5	470	16.9	38.8	782	8.96	5.8	<.1	.5	.3	41.9	<.01	<.02	<.02	199	.95	.137	14.4	2.1	4.27	601.8	.514	<1	3.82	.052	.13	.2	.03	8	<.1	<.02	15.4	<.01
RE 99R05000	.07	44.46	2.83	77.5	462	16.6	35.9	744	8.42	6.2	<.1	.3	<.1	36.0	<.01	<.02	<.02	186	.84	.131	13.6	<.5	4.06	522.8	.454	<1	3.64	.044	.12	<.2	.03	8	<.1	<.02	14.5	<.01
STANDARD DS2	14.33	128.44	32.86	162.8	243	36.6	12.2	824	3.21	61.6	22.5	209.9	2.1	36.3	11.12	9.35	11.22	76	.56	.082	14.5	161.2	.59	141.9	.114	<1	1.78	.039	.15	7.1	2.14	269	2.1	1.75	5.8	.04

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: ROCK Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 12 1999 **DATE REPORT MAILED:** July 19/99 **SIGNED BY.....** D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data FA

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.)
852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 3.1/#6 File # 9902249 Page 1

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Tl	Hg	Se	Te	Ga	S
	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppb	ppm	ppm	ppm	%
2600E 3900N	11.52	120.60	7.16	1791.0	2874	188.2	18.6	647	3.18	34.1	4.6	8.7	4.1	154.1	22.72	10.92	.16	523	1.55	.333	9.6	44.6	.42	959.4	.016	4	.84	.009	.10	.3	.44	490	11.7	.20	3.0	.14
2600E 3800N	4.16	23.37	6.40	359.9	406	49.7	6.8	163	2.01	13.9	.9	3.8	3.4	28.0	1.83	3.77	.16	203	.34	.114	9.6	23.0	.40	212.4	.048	1	.87	.009	.05	.2	.18	125	2.8	.06	3.3	.02
2600E 3775N	2.85	92.26	8.00	197.7	4144	68.0	1.7	28	96	4.9	7.8	2.7	4.1	96.4	8.20	5.67	.19	180	.56	.240	9.8	47.8	.05	907.1	.016	3	.45	.004	.05	.3	.56	720	23.8	.19	3.1	.10
2600E 3725N	116.35	95.19	6.85	1442.2	4035	183.0	48.7	863	6.26	57.9	6.9	7.7	1.5	89.7	11.76	33.72	.17	1531	.55	.405	11.6	58.2	20	919.8	.022	2	.84	.007	.07	.4	.81	635	33.2	22	4.2	.11
2600E 3700N	482.81	163.24	7.89	11915.0	4382	923.6	155.6	2260	20.55	133.4	9.0	18.9	2.4	164.5	124.48	86.14	.12	2306	1.20	.796	6.3	49.3	.20	1064.5	.007	4	.73	.007	.10	.7	1.77	872	40.6	.87	3.2	.16
2600E 3675N	4.15	149.88	16.48	4609.1	16701	608.6	41.0	1191	4.24	84.1	20.9	14.3	4.5	286.7	25.11	41.54	.32	842	1.98	.251	25.0	163.3	.18	1778.7	.007	6	.80	.009	.15	.4	.87	1825	51.7	.53	4.5	.27
2600E 3650N	56.35	468.50	16.64	3409.9	15663	584.5	12.0	189	3.06	85.4	28.6	14.2	3.8	388.0	83.47	61.70	.27	1196	2.09	1.063	27.8	184.0	.08	1671.1	.009	7	1.10	.012	.17	4	2.12	1727	54.3	.63	6.3	.37
2600E 3625N	22.41	151.74	12.84	581.0	3976	120.8	5.9	83	2.40	22.7	7.7	10.9	.1	202.2	10.11	12.04	.25	408	.48	.298	8.2	55.5	.08	2367.8	.007	3	.71	.004	.10	<.2	.85	557	13.0	.36	2.9	.17
2600E 3500N	7.65	62.79	7.86	219.8	1694	49.6	6.5	210	2.21	15.0	4.0	8.4	<.1	100.2	3.72	6.69	.18	313	.57	.206	8.2	34.3	.30	1338.7	.022	2	.86	.009	.11	.3	.58	329	11.3	.15	3.4	.17
2600E 3425N	6.06	130.14	6.56	98.3	4873	41.5	1.1	19	.86	7.6	11.9	7.1	<.1	121.1	14.28	10.08	.28	387	.31	.196	6.8	61.0	.07	1488.0	.016	3	.64	.003	.06	.6	.87	1083	27.2	.26	4.0	.12
3200E 3925N	5.95	93.09	13.46	349.6	664	118.9	29.6	841	4.54	11.1	2.0	17.2	2.8	50.9	1.54	1.77	.31	34	.30	.067	10.3	12.9	.15	1204.7	.004	2	.87	.003	.13	<.2	.24	272	.5	.12	1.8	.03
3200E 3775N	17.88	115.04	10.00	70.1	3728	27.6	2.0	35	1.45	19.8	8.6	5.5	<.1	179.7	6.37	11.12	.20	494	.41	.340	8.3	65.8	.08	1176.1	.009	3	.70	.006	.09	.2	1.18	391	25.4	.37	4.3	.18
3200E 3725N	35.29	211.23	9.76	387.2	5945	92.2	9.6	333	1.75	37.1	17.6	5.0	.1	142.7	18.44	25.56	.18	615	.27	.277	10.0	80.8	.04	1380.7	.005	3	.73	.005	.11	.2	1.81	362	23.5	.32	4.5	.34
3200E 3700N	3.33	32.37	11.64	162.8	3101	35.1	4.2	124	2.41	16.1	1.2	1.2	<.1	53.9	.74	2.23	.51	107	.09	.167	7.6	34.8	.15	307.6	.021	2	1.22	.005	.07	1.0	.36	94	3.3	.09	5.2	.05
3200E 3675N	3.57	42.25	10.29	183.0	300	29.8	6.0	135	2.94	10.2	.4	5.2	.6	37.5	.77	1.21	.25	65	.08	.057	5.9	20.1	.16	519.0	.024	2	.98	.005	.13	.3	.22	82	1.8	.11	4.2	.14
3200E 3650N	13.05	173.71	17.68	539.0	838	116.7	13.1	124	4.37	14.9	1.4	29.8	1.3	97.9	.85	3.03	.25	79	.05	.075	4.2	20.9	.08	945.6	.004	2	1.25	.006	.24	<.2	.77	215	3.3	.15	2.9	.37
3200E 3625N	2.98	37.36	10.23	172.3	417	34.9	8.3	237	3.83	17.0	.5	6.0	2.3	25.8	.55	1.41	.26	88	.07	.056	7.5	32.0	.38	301.5	.060	1	1.80	.007	.09	.3	.22	64	1.5	.07	6.3	.07
RE 3200E 3625N	2.71	33.74	9.02	156.1	386	31.4	7.3	218	3.47	15.2	.4	4.9	2.0	22.9	.51	1.21	.23	79	.07	.051	6.8	29.4	.34	267.3	.055	1	1.64	.006	.08	.2	.19	64	1.4	.09	5.6	.07
3200E 3600N	5.33	65.43	12.69	442.3	282	58.4	8.9	140	4.38	18.5	.4	2.5	.9	64.9	1.15	2.26	.29	71	.05	.088	5.1	20.6	.10	346.7	.023	2	.88	.007	.15	.2	.33	45	5.5	.11	4.4	.24
3200E 3575N	3.34	86.57	14.87	638.5	247	92.6	18.3	574	5.52	12.6	1.2	5.0	3.7	121.3	5.63	3.26	.39	59	.10	.133	8.4	28.8	.09	1085.7	.008	3	1.52	.011	.26	<.2	.31	114	6.4	.15	2.9	.51
3200E 3550N	2.46	36.45	8.72	384.0	108	48.2	9.8	280	3.24	13.0	.5	3.2	2.2	31.3	2.24	2.04	.19	83	.24	.067	7.3	37.7	.33	787.1	.034	2	1.56	.007	.09	.2	.18	62	2.1	.06	4.6	.10
3200E 3525N	2.04	19.53	10.69	224.0	240	23.7	8.1	301	3.63	10.9	.3	1.6	1.5	17.4	1.28	1.20	.25	88	.09	.048	6.3	35.8	.30	602.2	.039	2	1.63	.008	.11	.2	.17	37	.4	.08	6.4	.15
3200E 3500N	1.81	22.01	10.33	166.4	96	24.3	8.4	285	4.10	14.5	.3	3.2	2.4	17.8	.56	1.42	.24	82	.11	.039	7.5	31.4	.42	365.8	.062	1	1.53	.007	.07	.2	.13	25	.7	.07	5.5	.06
3200E 3400N	8.69	108.37	11.68	838.4	1676	105.9	10.4	269	3.82	34.9	4.2	8.8	1.5	178.6	32.25	14.29	.20	465	.40	.271	7.8	35.4	.07	867.5	.007	8	.69	.010	.31	<.2	.67	334	33.2	.23	2.6	.55
3300E 4000N	27.01	78.51	8.70	411.5	1329	62.1	4.9	60	2.17	18.4	8.8	4.1	1.8	70.1	3.10	9.76	.17	394	.37	.086	10.5	35.5	.22	717.1	.024	5	.65	.004	.14	.2	.82	447	9.7	.13	3.2	.09
3300E 3975N	13.24	76.87	8.54	648.2	2298	97.3	10.6	342	2.73	16.6	4.3	8.2	1.8	108.9	5.39	7.84	.19	297	.90	.192	9.1	43.6	.33	1188.6	.016	4	.96	.006	.17	<.2	.54	521	7.9	.15	3.4	.15
3300E 3825N	5.66	88.51	6.06	894.7	2534	78.4	10.6	452	1.35	14.6	5.2	6.0	.6	201.6	14.68	8.63	.13	367	2.26	.337	9.7	64.1	.24	1607.3	.017	5	.82	.007	.09	.2	.32	489	22.1	.17	2.9	.15
3300E 3800N	1.84	34.75	6.39	141.1	312	32.2	8.4	272	2.21	10.6	.8	4.2	2.7	32.9	1.81	1.65	.14	64	.38	.106	12.0	26.7	49	412.4	.064	1	1.06	.014	.08	.2	.14	92	1.8	.05	3.1	.03
3300E 3775N	6.02	109.22	15.41	119.6	739	31.5	6.2	153	2.98	18.7	1.4	13.7	.9	154.4	1.34	3.20	.23	87	.04	.087	7.0	24.8	.10	800.3	.016	2	.91	.004	.19	<.2	.28	231	5.2	.13	3.7	.29
3300E 3750N	1.77	81.42	25.87	55.3	1097	16.4	4.9	25	4.80	32.2	.3	49.7	2.4	144.4	.07	2.52	.42	33	.01	.071	2.5	18.1	02	646.8	.006	2	.51	.005	.30	<.2	.34	241	8.2	.20	3.8	.53
3300E 3725N	3.41	22.87	16.79	76.6	774	13.6	5.0	188	4.30	17.9	.4	8.6	2.2	12.8	.17	1.52	.37	111	.05	.069	7.8	35.0	.27	176.4	.081	1	1.80	.004	.07	.3	.18	93	1.2	.12	8.8	.07
3300E 3600N	3.10	72.75	10.05	154.5	625	53.0	11.3	334	2.79	9.7	2.3	14.4	1.6	77.8	.53	1.61	.21	52	.98	.054	7.2	21.0	.31	998.5	.015	3	1.17	.006	.13	<.2	.25	308	4.0	.05	3.3	.14
3300E 3525N	3.70	37.61	6.63	194.7	449	35.6	9.6	325	2.56	13.6	1.0	6.2	2.8	62.6	1.47	3.05	.15	113	.33	.131	9.1	25.4	.37	532.1	.043	2	.89	.011	.12	.2	.25	75	4.6	.06	2.9	.11
3300E 3500N	43.88	73.12	8.70	2773.5	1351	257.4	21.3	531	6.51	18.2	5.9	5.9	4.2	91.8	9.75	6.68	.15	211	.60	.163	14.1	37.5	.43	1481.8	.029	3	1.26	.010	.13	.2	.37	342	12.6	.11	3.3	.10
STANDARD DS2	14.97	128.04	27.56	163.7	273	37.8	12.4	806	3.14	63.0	20.6	205.6	2.5	25.8	11.35	9.61	10.87	82	.55	.081	12.7	168.0	.63	146.5	.118	1	1.81	.038	.16	7.3	2.06	257	1.6	1.84	5.9	.02

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: SOIL Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 15 1999 **DATE REPORT MAILED:** July 23/99 **SIGNED BY.....** D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data 1 FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
3300E 3475N	5.33	85.97	7.07	874.7	2315	103.0	8.8	294	1.85	17.6	5.3	6.4	4.6	109.1	10.13	5.69	.16	301	.91	.178	9.0	47.2	.39	817.4	.031	4	.65	.008	.07	.3	.36	329	9.0	.12	3.2	.09
3300E 3450N	4.96	51.61	3.65	71.1	1290	17.6	1.0	11	.52	6.3	3.7	<.2	3.9	36.9	1.66	4.35	.12	168	.14	.073	4.3	36.8	.05	671.4	.009	7	.42	.004	.10	.4	.43	282	10.7	.13	1.7	.10
3400E 4000N	6.64	95.24	16.61	232.1	2805	77.7	9.6	256	2.45	17.1	4.0	9.1	3.2	191.1	1.02	2.75	.29	90	1.13	.144	6.7	26.2	.31	1164.6	.006	4	.72	.006	.16	<.2	.24	798	5.8	.22	2.2	.25
3400E 3900N	7.71	45.20	13.84	64.7	918	19.4	2.5	33	1.37	11.8	2.4	2.8	1.0	83.4	.37	2.55	.19	100	.16	.083	8.8	24.1	.06	647.5	.017	3	.47	.006	.15	<.2	.40	198	4.2	.15	3.0	.21
3400E 3875N	3.23	49.13	10.54	338.3	142	51.2	14.9	755	3.47	10.2	.9	5.8	3.3	22.0	.87	1.62	.40	96	.07	.052	10.1	28.0	.31	417.0	.032	2	1.41	.005	.11	.5	.16	50	1.2	.11	3.9	.03
3400E 3700N	25.74	51.41	11.01	227.2	1125	25.5	2.7	90	2.50	19.0	5.0	3.3	1.5	86.8	7.36	8.16	.26	366	.25	.486	7.9	43.8	.14	1314.7	.028	3	1.41	.007	.11	.4	1.20	186	21.8	.61	5.9	.18
3400E 3675N	61.69	253.05	12.09	1291.2	5430	219.4	8.5	204	2.46	47.1	18.6	14.6	.7	224.0	57.04	29.31	.22	910	1.02	.897	8.2	87.1	.13	548.9	.008	10	1.30	.009	.23	.4	2.75	949	67.4	1.37	5.7	.45
3400E 3650N	166.99	431.96	14.51	1913.8	15245	239.5	16.7	636	5.96	185.9	45.1	8.1	2.3	379.5	58.47	118.56	.21	2434	1.62	.929	8.5	149.7	.17	471.6	.011	13	1.49	.012	.32	.6	3.90	1691	105.0	.60	8.0	.62
3400E 3625N	14.25	70.92	8.23	2845.2	877	307.7	19.2	449	7.62	21.2	22.8	5.5	3.0	70.1	7.58	4.80	.12	197	.49	.174	10.1	35.4	.39	1528.9	.022	4	1.77	.010	.14	<.2	.43	324	19.3	.12	3.0	.09
3400E 3600N	9.43	73.72	7.59	427.1	722	68.3	17.2	644	3.13	15.1	3.8	5.4	3.1	72.4	5.32	4.65	.17	194	.39	.163	11.8	38.3	.42	1351.0	.036	3	1.20	.009	.13	<.2	.44	204	4.6	.11	3.6	.08
3400E 3500N	12.26	86.18	10.75	479.2	2431	57.0	4.8	81	1.96	19.0	3.6	5.0	<.1	103.3	5.89	7.92	.21	293	.20	.130	7.0	44.0	.11	754.9	.016	3	.64	.006	.14	.2	.83	212	19.2	.21	4.1	.22
3400E 3450N	6.45	155.51	7.50	157.6	6489	46.7	1.3	31	.86	6.8	15.2	5.4	<.1	134.4	12.86	5.16	.14	438	.49	.246	10.7	78.8	.12	1405.5	.012	3	.88	.004	.08	.2	1.22	938	16.4	.15	5.6	.13
3400E 3400N	28.74	140.21	8.60	42.0	2884	20.0	.9	21	1.02	18.2	10.5	2.3	<.1	113.0	3.35	13.24	.16	657	.09	.132	7.0	70.6	.06	696.7	.010	3	.60	.003	.09	.2	1.88	375	37.4	.27	5.3	.20
3500E 3875N	4.53	42.97	7.79	278.8	449	59.1	9.1	357	2.47	14.6	1.2	4.4	3.1	50.3	7.67	2.42	.53	120	.53	.120	10.8	33.4	.53	542.9	.067	3	1.21	.014	.09	1.0	.24	93	7.6	.06	3.6	.04
RE 3500E 3875N	4.61	42.95	7.62	282.2	442	60.1	9.1	358	2.48	14.3	1.1	3.8	3.8	50.5	7.63	2.28	.18	120	.53	.120	10.6	32.9	.52	514.0	.064	2	1.17	.014	.08	.4	.21	90	7.7	.07	3.6	.05
3500E 3850N	4.83	58.78	7.29	574.1	1418	83.8	11.3	272	2.34	15.4	2.3	7.2	3.7	79.1	5.59	4.57	.17	204	.81	.171	10.4	36.1	.48	793.6	.043	3	.96	.012	.09	.3	.33	262	5.8	.10	3.2	.07
3500E 3800N	10.68	126.61	11.54	250.9	3261	53.5	1.9	25	1.01	11.3	7.2	6.6	<.1	122.6	7.35	7.77	.22	343	.30	.211	9.5	70.0	.07	1760.6	.007	3	.61	.004	.07	.2	1.45	725	17.6	.32	4.3	.09
3500E 3775N	22.99	165.45	9.37	82.4	3072	28.3	1.2	29	1.39	18.7	10.0	5.1	<.1	176.2	8.23	13.90	.21	462	.40	.362	8.2	51.1	.08	2236.2	.013	4	.70	.005	.11	.3	1.79	370	36.7	.62	4.3	.18
3500E 3750N	19.74	124.59	9.14	51.0	5344	33.2	1.8	37	1.28	16.3	11.6	8.5	<.1	140.1	7.19	8.61	.20	442	.52	.436	11.4	72.2	.13	2236.9	.017	4	.96	.005	.09	.2	1.40	793	12.7	.29	4.9	.13
3500E 3725N	4.30	30.21	45.10	19.9	1910	12.6	1.2	26	1.05	10.5	5.5	13.1	1.4	161.6	.24	3.27	.69	184	.38	.473	9.8	79.9	.07	3361.3	.011	7	1.25	.003	.11	.2	.54	893	6.2	.29	3.1	.07
3500E 3700N	6.57	80.46	13.75	173.7	2318	57.0	5.9	181	2.89	16.5	4.2	5.3	1.0	83.8	.87	3.24	.33	115	.33	.273	6.9	62.4	.09	1087.0	.016	4	1.06	.006	.12	.2	.34	107	5.8	.15	4.7	.16
3500E 3675N	4.11	103.45	10.16	193.7	1017	62.8	9.2	181	2.96	12.1	2.7	15.8	1.1	58.7	.63	2.07	.25	60	.11	.197	3.7	26.7	.07	996.9	.005	4	.78	.003	.19	<.2	.30	365	3.4	.09	2.2	.23
3500E 3650N	2.59	66.64	12.43	247.4	221	33.8	6.4	138	3.33	13.3	.3	4.6	.8	66.4	.73	1.17	.27	46	.04	.056	2.8	16.1	.05	837.6	.010	4	.61	.005	.24	<.2	.42	115	1.6	.11	3.5	.40
3500E 3625N	1.77	46.18	11.93	168.0	191	37.4	13.1	559	4.27	11.0	.4	7.1	2.2	47.1	1.02	1.09	.28	74	.18	.050	6.6	37.4	.33	915.9	.036	2	1.48	.007	.11	<.2	.22	94	.7	.08	4.9	.12
3500E 3600N	3.09	66.84	10.26	369.1	336	62.7	12.4	786	3.65	10.8	1.5	8.4	2.8	69.2	1.66	1.94	.25	68	.45	.052	6.1	28.8	.31	885.9	.018	3	1.28	.007	.15	<.2	.29	159	2.1	.10	3.2	.21
3500E 3575N	2.32	49.59	11.48	173.1	304	37.9	12.4	1015	3.62	9.9	1.4	9.4	1.1	108.2	1.00	1.49	.22	71	1.72	.068	7.1	42.3	.45	748.1	.019	5	1.09	.008	.14	<.2	.23	181	3.6	.07	3.2	.23
3500E 3500N	79.59	117.50	13.90	4094.9	2217	495.5	41.5	529	8.67	24.9	8.8	2.8	3.8	120.3	39.59	8.42	.14	215	.69	.212	16.2	50.5	.14	810.3	.003	5	.98	.006	.23	<.2	.46	588	64.2	.13	1.9	.34
3500E 3475N	54.22	426.43	7.98	2137.5	15767	233.9	5.5	150	2.20	77.7	13.6	4.6	2.8	155.6	32.83	22.24	.16	487	.85	.438	9.0	94.9	.07	558.0	.003	6	.49	.009	.20	<.2	.84	1058	59.2	.51	3.2	.37
3500E 3450N	79.83	385.90	15.50	1478.5	12522	188.8	2.6	38	1.71	106.9	40.8	5.4	1.5	435.5	49.01	61.06	.19	2050	2.32	1.093	13.2	222.6	.15	1310.7	.013	14	.92	.009	.23	.4	2.43	1593	66.7	.65	5.8	.21
3700E 3000N	3.79	89.57	14.94	295.2	413	64.7	22.6	571	4.26	6.0	1.4	7.0	2.1	40.4	.30	2.09	.35	34	.29	.082	7.5	12.1	.13	1831.8	.003	3	.79	.003	.17	<.2	.13	114	3.2	.13	1.9	.07
3700E 2975N	3.22	109.12	17.85	997.0	59	103.5	41.4	2940	4.65	5.0	1.2	6.2	3.7	17.5	3.30	1.06	.34	24	.14	.043	18.9	12.2	.15	2578.6	.013	2	1.00	.004	.17	<.2	.17	114	7.1	.15	2.6	.02
3700E 2950N	8.27	26.21	16.60	201.4	277	30.4	6.7	160	3.19	14.7	.7	2.4	3.0	22.7	.44	1.55	.29	72	.06	.051	8.8	22.3	.20	501.7	.038	1	1.44	.006	.15	<.2	.23	84	3.4	.12	5.2	.19
3700E 2925N	7.52	48.62	24.09	158.3	1215	41.6	7.8	379	3.98	20.6	.9	2.1	.9	90.1	1.04	2.13	.38	81	.07	.117	9.7	24.5	.17	686.4	.028	2	1.35	.007	.16	.2	.23	77	3.2	.22	4.5	.19
3700E 2900N	4.86	63.40	12.03	253.3	187	54.2	14.9	239	4.89	11.2	.4	3.2	<.1	8.2	.47	1.71	.31	128	.05	.077	5.9	31.2	.17	396.5	.031	3	1.04	.005	.08	<.2	.10	83	2.1	.13	7.6	.04
STANDARD OS2	14.56	128.61	27.59	164.5	253	37.9	12.8	815	3.14	63.1	20.7	201.9	3.1	24.0	11.37	9.62	10.88	81	.56	.081	12.9	168.8	.63	145.4	.113	2	1.81	.037	.16	7.2	2.04	241	2.2	1.82	6.0	.01

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data 4 FA ___

ACME ANALYTICAL

International Kodiak Resources Inc. PROJECT AREA 3.1/#6 FILE # 9902249 Page 3

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
3700E 2875N	7.20	68.45	16.47	1013.7	135	87.2	33.6	1506	6.25	11.0	1.1	3.0	7.0	50.5	6.61	2.35	.27	58	.15	124	14.9	29.2	.21	2225.2	.006	5	1.07	.004	.11	.3	.14	112	1.2	.14	3.6	.05
3700E 2850N	26.06	30.88	13.86	235.2	606	29.4	6.1	82	2.43	21.0	1.0	1.5	2.0	150.4	1.08	8.96	.18	204	.12	.100	6.3	20.9	.09	1471.3	.008	5	.57	.006	.16	.2	.55	201	3.4	.15	3.9	.24
3700E 2825N	32.59	67.48	20.76	554.3	2351	58.5	3.8	32	3.64	42.3	4.2	4.1	3.5	390.6	3.75	24.46	.24	367	.20	.247	4.6	23.9	.06	505.3	.004	6	.60	.010	.29	.2	1.38	384	13.0	.26	2.7	.58
3700E 2800N	5.24	25.66	9.23	316.7	931	24.5	6.2	162	2.14	16.1	1.6	3.8	1.2	93.2	2.39	5.85	.19	193	.28	.159	8.3	25.9	.32	2422.5	.022	3	1.23	.006	.09	.2	.39	198	2.0	.10	4.7	.14
3700E 2775N	9.46	96.45	13.73	207.3	947	76.7	9.5	250	2.71	14.0	2.1	6.9	.1	58.0	2.18	4.94	.27	129	.39	118	9.4	25.3	.07	973.9	.010	2	.80	.005	.09	<.2	.26	114	3.1	.15	4.1	.11
3700E 2750N	4.28	58.18	6.00	161.6	764	69.8	23.8	682	3.77	9.2	1.0	3.5	1.6	82.5	1.29	2.74	.23	133	1.84	.126	14.4	49.1	.54	3000.8	.004	5	1.54	.008	.12	.4	.28	473	1.5	.11	4.8	.12
3700E 2725N	2.55	41.39	9.69	56.4	567	36.7	11.7	934	1.99	6.9	1.4	8.0	1.4	101.6	.57	1.09	.15	51	2.15	.104	12.4	21.3	.26	1513.4	.008	4	1.02	.008	.07	.2	.19	478	1.3	.08	2.7	.14
3700E 2700N	3.25	28.07	13.63	30.1	510	16.2	3.2	106	1.71	14.4	.7	5.9	.3	32.3	.09	1.60	.18	50	.09	.050	3.9	15.9	.06	966.7	.003	8	.63	.003	.13	<.2	.23	946	1.5	.15	2.5	.11
3700E 2675N	4.07	48.98	13.96	113.6	67	40.6	20.8	1062	3.64	8.0	.6	5.0	1.4	20.2	.26	1.25	.23	29	.39	.050	7.1	14.2	.19	463.6	.009	3	.58	.004	.11	<.2	.19	141	1.1	.06	2.2	.03
3700E 2650N	2.51	29.24	12.63	68.6	53	18.5	10.1	530	2.63	8.8	.5	4.7	.6	11.9	.25	.94	.28	53	.05	.050	10.2	19.5	.17	359.9	.024	2	1.12	.004	.07	.2	.13	51	.2	.05	4.9	.03
3700E 2625N	2.23	35.36	11.27	68.6	198	21.7	7.2	227	2.25	5.2	.8	2.9	<.1	18.2	.42	.88	.26	44	.30	.056	8.3	15.8	.11	867.3	.016	2	.94	.005	.09	<.2	.11	75	.2	.06	4.0	.04
3700E 2600N	2.09	39.84	12.88	117.0	1062	45.0	16.4	1018	3.63	5.3	.9	11.2	1.3	20.3	.61	1.36	.21	37	.58	.092	10.9	18.9	.22	659.2	.013	3	1.48	.005	.10	.2	.14	289	.6	.05	2.6	.06
3700E 2575N	1.52	24.26	8.39	61.1	229	13.8	5.4	209	2.28	4.2	.3	.4	<.1	7.7	.33	.66	.60	48	.07	.050	5.1	13.8	.09	190.9	.013	3	.97	.004	.08	1.0	.14	38	<.1	.04	4.8	.02
RE 3700E 2550N	2.00	29.28	11.18	83.4	48	29.9	11.5	321	2.94	13.4	.7	4.1	3.9	9.0	.13	1.19	.22	64	.08	.025	9.6	34.8	.49	221.6	.052	1	2.08	.006	.05	.3	.12	47	.2	.05	5.2	<.01
3700E 2550N	2.00	28.85	11.79	82.2	47	29.6	11.2	318	2.89	13.0	.7	4.6	4.2	8.8	.14	1.16	.22	63	.07	.025	9.2	32.4	.49	219.2	.051	1	2.06	.006	.05	.3	.12	49	.5	.05	5.2	.01
3700E 2525N	2.08	20.81	10.57	71.9	17	25.0	9.8	329	2.98	11.7	.6	2.2	2.2	8.9	.16	1.05	.22	64	.08	.028	10.1	35.6	.46	211.8	.053	1	1.86	.007	.05	.2	.11	40	.3	.05	5.5	.01
3700E 2500N	1.85	18.22	9.89	54.9	58	20.1	6.8	260	2.92	9.9	.4	1.9	<.1	8.0	.12	.65	.21	58	.07	.040	8.5	26.5	.34	168.0	.028	1	1.51	.005	.04	.2	.10	45	.1	.05	5.3	.02
3800E 2900N	7.61	138.20	6.29	868.2	428	213.8	71.6	1689	9.93	14.5	3.8	1.9	3.4	103.9	5.01	1.14	.05	155	.85	.255	27.5	49.7	.55	381.3	.002	5	2.29	.012	.22	<.2	.32	615	6.1	.10	4.6	.54
3800E 2875N	9.29	110.76	7.59	546.2	1174	127.3	37.3	1046	10.48	17.6	2.9	3.3	3.0	138.3	5.60	2.77	.05	255	.64	.219	32.1	59.3	.63	629.7	.003	5	1.94	.016	.26	<.2	.57	674	5.1	.12	5.8	.40
3800E 2850N	28.02	143.64	16.55	702.9	559	76.0	11.7	639	7.90	12.2	2.5	27.1	1.4	56.8	3.63	1.67	.29	79	.12	.103	5.7	23.7	.09	920.5	.003	3	.61	.004	.10	<.2	.15	292	3.0	.25	2.4	.12
3800E 2825N	3.54	21.02	9.66	57.2	224	16.6	3.2	63	1.18	5.1	.7	1.7	.7	23.1	.22	.71	.13	43	.20	.062	6.5	24.1	.14	631.6	.007	3	.75	.005	.08	<.2	.19	187	.8	.08	4.5	.08
3800E 2800N	136.57	295.43	54.66	951.2	1563	162.2	7.7	235	9.46	77.7	37.3	7.3	6.9	423.6	8.49	7.68	.38	424	.26	.565	6.4	103.0	.05	458.1	.002	8	2.50	.012	.31	<.2	.53	579	13.4	.49	2.5	.80
3800E 2700N	6.24	143.42	28.12	196.4	526	61.5	29.3	559	6.78	22.5	1.3	5.9	2.1	59.0	.48	2.33	.49	125	.10	.108	11.4	47.9	.20	561.7	.023	2	1.74	.006	.12	<.2	.40	116	3.5	.29	9.5	.15
3800E 2675N	5.55	42.71	18.49	37.5	665	20.7	2.4	29	1.89	16.3	1.7	2.1	.6	133.7	.06	1.71	.19	57	.03	.087	6.3	18.5	.03	946.1	.002	4	.49	.005	.23	<.2	.25	379	3.0	.20	2.5	.42
3800E 2650N	3.92	39.29	11.66	96.8	125	28.4	8.9	267	3.84	8.5	.6	1.7	.4	9.8	.15	1.37	.32	54	.05	.052	7.0	18.9	.13	181.6	.018	1	.98	.003	.07	<.2	.13	66	1.0	.08	5.0	.05
3800E 2625N	5.60	39.80	13.51	90.3	74	28.6	12.5	826	3.45	10.2	.5	1.9	.5	13.2	.11	1.61	.35	63	.12	.054	7.5	15.1	.09	327.0	.019	2	.86	.003	.08	<.2	.17	45	.7	.08	5.5	.05
3800E 2600N	3.44	58.89	17.24	111.6	121	46.9	14.9	390	3.61	22.4	.5	2.6	.6	10.3	.13	1.87	.25	24	.04	.041	4.5	9.0	.06	218.2	.005	5	.65	.004	.16	<.2	.17	146	1.3	.08	2.3	.04
3800E 2575N	28.24	139.40	16.43	707.9	581	73.1	11.4	713	8.21	12.4	2.4	25.0	.5	44.6	3.67	2.03	.29	77	.11	.108	5.6	25.7	.09	968.3	.004	3	.56	.003	.11	<.2	.15	289	3.2	.14	2.2	.15
3800E 2550N	7.45	74.92	13.43	121.8	218	53.6	20.3	940	3.43	9.4	.9	10.6	.4	19.2	.71	2.23	.27	33	.19	.077	6.2	12.7	.11	339.8	.010	3	.76	.003	.13	<.2	.23	327	2.8	.09	2.4	.05
3800E 2525N	2.53	30.47	9.18	64.1	67	27.9	13.8	521	2.85	11.1	.5	3.5	1.8	10.3	.20	1.23	.20	52	.09	.038	9.2	29.2	.43	140.8	.042	1	1.71	.006	.06	.2	.10	51	3.0	.05	4.5	.04
3800E 2500N	2.61	30.27	10.79	70.0	57	31.2	13.2	614	3.13	11.8	.7	4.1	4.3	9.6	.13	.93	.22	61	.09	.029	10.7	32.2	.50	292.5	.047	1	2.05	.006	.06	.2	.14	85	1.6	.07	5.3	.02
3900E 3000N	17.66	76.09	21.84	156.9	311	79.7	18.8	820	3.39	11.8	3.4	6.6	2.8	28.4	.23	2.24	.24	27	.43	.024	7.8	10.2	.24	779.3	.001	2	1.05	.003	.14	<.2	.25	504	2.4	.12	1.8	.03
3900E 2975N	4.89	44.85	11.61	113.1	194	40.0	14.8	518	2.75	7.8	1.1	5.0	1.8	48.0	.27	1.30	.23	30	.81	.033	4.7	13.8	.26	878.4	.010	3	.85	.005	.14	<.2	.11	132	2.6	.10	2.5	.06
3900E 2900N	22.92	200.19	70.33	814.1	956	195.5	42.1	2321	7.70	48.3	5.4	9.7	5.8	262.8	3.45	4.99	.64	110	.51	.240	17.6	24.8	.17	389.8	.002	4	1.70	.012	.42	<.2	.42	700	8.3	.67	3.3	.67
STANDARD OS2	13.57	127.29	28.16	161.9	263	37.7	12.6	793	3.09	61.9	20.1	192.9	2.8	24.7	10.97	9.53	10.49	81	.55	.080	12.8	160.7	.60	138.9	.116	2	1.73	.035	.16	7.1	2.05	249	2.2	1.76	5.8	.02

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data 1 FA ____

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Tl	Hg	Se	Te	Ga	S
	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppb	ppm	ppm	ppm	%
3900E 2850N	8.54	99.17	17.50	348.6	1042	128.5	35.7	918	6.72	13.2	2.6	13.5	7.1	66.5	2.76	4.85	.20	260	.86	.146	14.9	41.5	.51	2070.0	.007	5	1.48	.007	.13	.3	.23	601	8.3	.14	4.4	.08
3900E 2825N	11.28	92.52	29.01	298.5	1648	118.6	27.0	511	5.76	22.3	1.7	26.0	5.5	56.1	1.08	5.10	.26	24	.84	.032	7.1	12.6	.41	1211.7	.002	4	.76	.006	.14	<.2	.30	1077	4.1	.15	1.8	.12
3900E 2750N	4.80	230.69	24.96	172.4	853	80.2	22.3	925	6.64	15.4	2.3	14.4	2.9	55.5	.47	2.53	.47	73	.85	.137	8.8	34.6	.07	1010.0	.009	3	1.16	.004	.08	<.2	.28	273	5.1	.25	3.7	.08
3900E 2725N	2.56	51.82	13.39	76.5	187	30.4	11.4	523	4.01	12.1	.7	8.1	4.3	9.5	.32	1.21	.29	80	.08	.034	9.4	37.0	.43	230.6	.058	1	2.27	.008	.05	.2	.15	52	1.7	.11	6.8	.01
3900E 2700N	2.27	68.20	11.87	84.7	374	30.4	11.9	484	2.17	4.9	2.3	20.6	2.8	31.5	.32	1.00	.24	46	.47	.065	8.9	22.8	.34	1011.3	.014	2	1.23	.006	.07	<.2	.15	312	1.4	.10	3.9	.04
3900E 2675N	3.66	47.20	11.08	68.6	621	34.2	12.4	875	2.95	5.0	2.1	13.6	.2	32.0	.52	1.24	.26	37	.88	.069	8.8	14.6	.23	867.7	.012	3	1.01	.006	.09	<.2	.20	246	2.2	.08	3.7	.05
3900E 2650N	5.41	87.41	17.82	192.3	140	48.5	23.9	776	4.30	7.3	1.5	7.9	<.1	20.8	.81	2.97	.34	33	.20	.105	5.5	10.6	.10	586.6	.013	4	.75	.004	.14	<.2	.19	108	2.0	.12	2.6	.04
3900E 2625N	2.64	81.76	13.60	107.8	172	44.7	14.9	504	6.01	7.5	1.0	2.2	<.1	13.8	.19	1.50	.48	59	.03	.091	5.1	14.0	.07	260.0	.015	2	.84	.004	.08	<.2	.14	42	.4	.13	5.2	.03
3900E 2600N	67.59	70.06	11.28	386.7	512	168.1	9.8	341	2.28	24.1	5.8	1.1	5.5	33.2	3.83	6.55	.38	251	.49	.058	9.1	11.1	.10	880.4	.004	4	.36	.003	.12	.4	1.00	1807	5.1	.17	1.6	.02
3900E 2575N	.97	81.24	13.32	55.1	747	43.8	23.3	1709	4.00	8.4	.8	18.8	4.0	23.1	.28	1.54	.29	17	.95	.087	9.8	13.3	.42	640.7	.003	5	.66	.003	.13	<.2	.16	498	1.2	.06	1.3	.02
3900E 2550N	1.68	39.30	7.61	47.0	20	24.1	13.7	1224	2.72	24.8	.5	3.1	.5	7.2	.10	1.56	.27	31	.05	.046	5.6	15.7	.19	141.3	.023	2	.81	.004	.11	<.2	.14	35	.1	.07	3.0	.01
3900E 2525N	1.80	31.92	11.34	47.9	42	16.1	12.4	907	2.82	18.6	.4	3.3	.7	7.9	.14	1.16	.31	64	.06	.041	8.7	21.9	.22	134.8	.044	1	1.36	.006	.06	.2	.15	35	<.1	.08	6.4	.01
3900E 2500N	1.31	27.39	10.53	66.5	40	24.0	10.0	459	2.78	16.0	.7	5.4	2.1	9.8	.15	1.05	.25	59	.08	.028	10.0	33.6	.49	219.0	.055	1	1.98	.008	.06	.2	.11	45	<.1	.03	5.5	<.01
4200E 2875N	1.10	64.15	6.16	98.9	248	115.1	33.4	732	6.67	4.3	.3	3.3	2.8	32.5	.30	.65	.06	152	.67	.076	22.8	130.2	1.09	9397.5	.004	5	3.41	.013	.11	<.2	.16	256	<.1	.03	9.2	.01
4200E 2850N	1.86	41.33	8.64	75.5	77	36.9	14.0	363	3.65	8.9	.5	6.1	2.0	16.9	.20	1.00	.18	87	.16	.063	9.2	39.0	.43	587.2	.018	2	1.70	.006	.08	<.2	.16	139	.6	.06	5.5	.04
4200E 2800N	3.27	69.38	13.11	104.7	107	51.3	25.2	2280	4.39	18.0	1.1	5.0	1.1	22.7	.33	2.30	.34	38	.06	.108	6.3	13.9	.14	244.5	.012	3	.85	.003	.11	<.2	.16	84	.9	.12	3.0	.03
4200E 2775N	3.17	37.28	12.97	67.8	85	33.4	13.7	1025	3.14	19.9	.8	3.0	<.1	19.8	.17	2.30	.62	55	.14	.111	7.5	13.7	.12	244.8	.017	3	.71	.003	.08	1.0	.24	59	1.3	.11	4.9	<.01
4200E 2750N	3.47	31.25	12.12	46.4	124	37.0	14.9	1139	3.31	26.0	.8	7.2	1.5	19.3	.15	2.38	.31	48	.24	.053	8.3	21.3	.29	847.1	.016	3	1.28	.005	.09	.3	.20	124	1.0	.08	4.3	.01
RE 4200E 2725N	2.41	48.26	10.69	51.7	55	37.7	18.0	889	2.70	34.2	.8	6.1	2.9	13.7	.26	1.97	.24	44	.08	.047	9.1	26.5	.36	238.1	.027	2	1.54	.006	.08	.2	.15	65	.7	.08	3.8	.03
4200E 2725N	2.60	52.51	11.44	53.9	58	39.9	18.8	981	2.89	36.6	.9	5.8	3.3	14.7	.25	2.07	.25	47	.09	.051	9.3	25.8	.38	264.1	.029	3	1.65	.007	.08	.2	.16	79	.2	.09	3.9	.03
4200E 2700N	3.28	31.49	13.22	86.3	147	39.4	14.2	582	3.32	21.5	1.5	10.3	2.6	28.9	.10	2.38	.28	73	.26	.067	11.8	33.9	.59	714.3	.022	2	2.04	.010	.08	.2	.20	260	1.0	.09	5.4	.03
4200E 2675N	3.45	39.72	16.94	141.5	164	44.5	26.0	1457	4.01	16.3	.8	8.4	1.8	14.0	.43	2.27	.31	50	.09	.088	7.9	23.1	.26	270.3	.020	3	1.26	.004	.09	.2	.19	232	.6	.10	4.4	.04
4200E 2650N	2.56	25.05	11.41	52.3	116	14.5	5.5	252	1.53	8.4	.5	2.8	<.1	10.0	.17	1.25	.26	40	.04	.066	7.2	15.3	.04	124.4	.010	2	.63	.004	.07	<.2	.14	55	.2	.07	4.5	.03
4200E 2625N	2.60	42.98	10.52	41.3	117	36.8	14.9	780	3.28	18.1	.5	5.9	1.7	10.6	.13	3.39	.29	51	.05	.037	6.1	20.7	.22	433.6	.014	2	1.65	.003	.07	<.2	.16	107	1.2	.06	4.8	.02
4200E 2600N	1.92	88.45	14.82	108.3	85	62.8	24.0	548	4.31	37.2	1.1	10.1	3.3	23.6	.45	4.74	.34	62	.05	.059	8.3	28.3	.35	343.2	.022	2	1.66	.007	.12	.2	.16	56	1.3	.13	4.1	.09
4200E 2575N	1.74	33.84	9.97	73.5	38	32.4	13.2	678	3.01	18.8	.6	4.3	2.3	10.7	.26	1.70	.23	55	.06	.037	7.9	29.4	.42	221.9	.029	2	1.90	.007	.07	<.2	.12	54	.2	.04	4.6	.02
4200E 2550N	2.24	49.12	12.80	75.5	195	51.6	20.4	1139	3.66	47.5	.7	4.3	2.9	18.3	.31	3.60	.19	63	.04	.067	8.2	25.4	.24	442.9	.014	3	1.60	.004	.11	<.2	.19	136	.2	.07	3.3	.07
4200E 2525N	1.67	20.44	10.37	100.5	184	23.3	9.1	310	3.16	23.6	.5	2.9	3.3	12.4	.32	1.58	.24	76	.08	.053	9.2	31.8	.45	293.3	.042	3	2.00	.007	.09	.2	.15	65	<.1	.07	6.5	.03
4200E 2500N	1.28	41.47	9.76	82.6	59	31.7	11.6	479	2.86	17.3	.8	9.5	4.4	14.4	.16	1.67	.21	65	.12	.042	14.8	31.4	.51	339.4	.065	2	1.75	.013	.07	.2	.11	74	<.1	.06	4.6	.01
4200E 2475N	1.17	38.36	9.83	79.2	48	31.9	12.3	573	2.73	16.5	.7	7.5	4.6	17.6	.22	1.76	.19	58	.23	.090	12.2	29.7	.49	226.6	.059	2	1.61	.011	.07	.4	.09	36	.2	.03	3.9	.02
4200E 2450N	1.85	62.43	10.69	110.4	91	38.8	12.3	520	3.07	18.5	1.4	8.9	4.8	27.6	.36	2.79	.22	54	.23	.087	11.6	25.5	.39	405.5	.054	2	1.23	.010	.08	.2	.11	53	.4	.10	3.4	.02
4200E 2425N	1.45	29.75	9.38	76.9	45	23.4	10.8	370	2.70	15.0	.8	9.2	3.3	12.7	.16	1.24	.21	64	.12	.069	10.3	32.1	.48	251.0	.039	2	1.93	.008	.07	.2	.15	71	<.1	.06	5.2	<.01
4200E 2400N	1.27	30.03	9.31	77.2	43	23.9	14.7	703	2.69	13.5	.8	5.4	2.5	13.6	.24	1.20	.20	59	.17	.083	11.0	29.2	.48	219.0	.047	2	1.81	.008	.06	.3	.11	53	<.1	.04	4.8	<.01
4300E 2900N	.69	44.84	3.67	86.1	46	107.0	64.5	4976	8.82	3.0	.4	.8	4.0	27.0	.36	.24	.04	229	.87	.227	45.7	106.9	2.49	3464.5	.009	7	4.22	.013	.13	<.2	.10	138	<.1	.08	13.0	.03
STANDARD DS2	13.78	128.42	29.05	161.7	258	38.0	12.3	801	3.13	63.7	20.7	199.2	2.7	25.7	11.14	9.74	10.98	82	.55	.080	12.6	165.7	.62	142.7	.116	2	1.77	.038	.16	7.7	2.15	241	1.6	1.90	5.9	.02

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data ✓ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
4300E 2875N	2.35	79.13	7.74	167.3	56	94.3	62.7	1179	8.71	6.6	.4	1.5	5.4	15.0	.59	1.03	.06	136	.15	.134	10.6	58.9	.65	1782.6	.004	4	2.50	.004	.13	<.2	.20	170	.5	.10	7.7	.01
4300E 2850N	1.40	96.09	15.91	92.4	109	45.8	13.8	276	3.88	9.4	.3	14.1	4.8	11.7	.16	1.35	.26	72	.08	.022	6.7	34.1	.37	397.2	.023	2	1.69	.004	.06	<.2	.12	66	1.2	.12	4.9	<.01
4300E 2825N	4.52	99.05	7.78	187.1	555	128.8	29.0	382	6.38	15.4	.8	2.5	4.4	75.6	.45	3.36	.06	119	.29	.107	15.6	34.7	.24	2061.2	.002	3	1.20	.007	.17	<.2	.26	1556	2.0	.14	3.1	.17
4300E 2800N	24.14	137.83	54.69	296.2	979	168.9	37.6	526	7.03	94.6	4.3	4.9	4.2	179.5	.45	8.91	.33	116	.19	.309	13.4	28.6	.06	635.2	.001	5	.80	.007	.27	<.2	.93	1182	10.6	.39	2.1	.42
4300E 2775N	.65	78.49	11.98	23.9	438	56.7	24.7	764	3.35	50.8	.6	8.5	2.3	28.9	.07	3.22	.40	16	.37	.049	6.9	10.7	.12	505.6	.002	3	.87	.003	.11	<.2	.14	168	1.3	.14	1.3	.02
4300E 2750N	4.63	117.89	19.29	14.9	1223	81.0	24.7	765	3.66	62.3	1.7	45.2	2.5	116.5	.06	7.70	.42	32	.47	.096	9.0	12.9	.12	1299.7	.001	4	.73	.006	.19	<.2	.27	670	2.6	.16	1.3	.23
4300E 2725N	5.71	157.23	18.98	17.9	722	99.7	28.4	1376	4.19	53.7	2.4	11.9	3.6	59.1	.04	6.66	.56	21	.22	.032	6.8	11.4	.09	604.4	.002	3	.67	.004	.22	.3	.34	592	2.3	.25	1.5	.20
4300E 2700N	16.06	75.29	16.21	147.9	1056	113.7	19.4	778	3.58	36.1	2.9	8.4	1.5	80.6	1.07	6.06	.21	95	.91	.117	8.0	14.8	.17	1275.0	.002	5	.67	.005	.13	<.2	.45	1306	3.4	.11	1.8	.14
4300E 2675N	9.34	162.18	26.37	73.4	999	85.6	18.9	626	4.31	99.4	3.2	22.7	2.5	200.3	1.33	10.35	.71	43	.17	.180	9.1	13.7	.05	586.5	.001	4	1.04	.008	.28	.9	.32	409	2.3	.18	1.0	.38
4300E 2650N	12.28	152.57	65.76	90.5	1243	89.7	27.2	396	3.74	77.4	2.8	8.1	8.3	313.6	.43	6.99	.86	76	.80	.298	14.9	21.8	.09	763.1	.001	9	.68	.007	.34	.2	.19	1572	9.1	.80	2.2	.35
4300E 2625N	2.75	169.18	15.73	152.5	337	88.5	27.8	1376	4.23	72.7	1.0	55.4	.8	28.0	.57	5.82	.26	41	.10	.115	5.8	9.8	.03	657.4	.001	3	.64	.002	.10	<.2	.11	198	4.5	.18	1.5	.03
4300E 2600N	2.83	258.85	14.98	329.0	1156	121.8	34.0	1349	3.76	17.6	2.1	34.6	1.1	156.0	1.60	2.99	.25	71	.34	.320	11.3	43.7	.06	1140.8	.005	4	1.06	.003	.20	<.2	.38	358	9.0	.20	3.3	.09
4300E 2575N	3.58	310.71	16.94	252.6	964	81.5	16.0	417	4.38	21.2	3.1	51.4	2.7	326.5	2.05	3.17	.25	83	.42	.441	14.3	59.8	.05	3751.9	.003	5	1.02	.004	.21	<.2	.68	990	8.1	.36	3.5	.12
4300E 2550N	2.69	208.87	15.90	297.9	216	72.4	17.0	854	4.05	22.2	1.8	28.9	3.7	53.0	2.45	3.71	.24	48	.06	.106	9.4	23.9	.18	756.6	.012	2	1.06	.003	.10	<.2	.16	355	6.8	.18	3.1	.02
RE 4300E 2550N	2.60	199.99	15.15	285.1	215	69.6	16.1	825	3.89	22.1	1.7	27.9	3.8	49.5	2.25	3.66	.23	46	.06	.103	9.0	20.4	.17	708.9	.012	2	1.00	.004	.09	<.2	.14	339	7.0	.18	3.1	.02
4300E 2525N	3.06	193.47	14.91	239.4	109	102.6	24.4	904	4.48	24.7	1.3	19.0	2.4	34.1	1.38	3.12	.23	68	.11	.126	10.8	38.8	.25	751.3	.014	2	1.36	.004	.08	<.2	.15	166	5.1	.13	3.8	.02
4300E 2500N	2.67	155.99	24.11	249.9	617	46.7	15.3	906	3.58	34.9	1.5	19.3	2.0	53.7	1.66	5.46	.39	96	.07	.119	6.3	27.8	.19	806.1	.011	3	1.44	.006	.17	<.2	.19	216	4.2	.21	4.7	.16
4300E 2475N	8.42	146.12	72.53	59.6	3639	15.2	3.3	132	3.19	41.3	1.8	37.5	1.5	157.0	1.45	15.81	.31	151	.12	.156	8.9	23.7	.05	477.6	.004	4	.68	.010	.39	<.2	.98	1118	11.1	.31	3.2	.60
4300E 2450N	4.53	59.11	26.70	138.2	1048	19.5	6.4	229	3.64	32.2	.6	8.3	2.5	79.4	.89	6.85	.24	109	.06	.128	8.9	26.4	.22	817.9	.012	2	1.62	.008	.23	<.2	.51	146	3.6	.12	5.3	.38
4300E 2425N	2.11	47.75	21.39	86.4	294	21.9	14.3	519	3.23	36.2	.9	4.9	1.2	65.2	.78	4.10	.33	104	.08	.176	7.9	26.6	.31	664.7	.021	1	1.52	.006	.10	<.2	.15	112	2.3	.14	4.8	.09
4300E 2400N	2.28	61.24	12.11	100.0	220	42.4	12.1	353	3.11	18.2	1.0	15.2	3.9	24.9	.43	2.57	.24	85	.14	.064	10.0	38.5	.60	483.1	.050	2	2.03	.008	.09	.2	.14	290	2.0	.09	5.7	.05
4400E 2900N	7.42	53.67	21.23	98.1	529	45.7	13.4	349	4.25	19.1	1.9	6.9	1.9	77.7	.26	2.39	.28	89	.16	.155	9.4	27.6	.21	917.7	.007	3	1.41	.005	.13	<.2	.28	474	3.7	.24	5.5	.13
4400E 2875N	.70	39.69	2.71	40.1	105	46.7	22.9	797	3.71	1.7	.2	1.1	.1	126.5	.43	.22	.06	111	2.56	.062	5.5	127.6	.76	1668.4	.003	3	1.98	.013	.06	<.2	.08	82	2.4	.08	7.6	.08
4400E 2825N	.95	65.91	12.40	68.3	391	42.2	18.5	725	4.37	5.1	1.2	6.1	<.1	44.9	.71	.87	.32	45	.54	.075	10.2	24.4	.14	1813.9	.013	5	1.19	.006	.14	<.2	.10	88	4.2	.12	4.1	.07
4400E 2800N	1.19	73.93	6.80	54.1	290	54.6	24.0	729	4.56	5.2	.5	7.0	.8	103.2	.31	.63	.12	56	1.35	.113	14.9	22.3	.30	1033.3	.003	7	.78	.005	.12	<.2	.08	294	2.6	.09	2.3	.08
4400E 2750N	3.03	51.58	10.18	24.2	318	32.2	10.7	1138	2.75	18.8	2.7	3.6	.1	79.6	.21	2.19	.25	39	1.57	.061	5.9	17.3	.39	685.1	.015	3	.98	.006	.07	<.2	.11	199	2.1	.10	3.6	.10
4400E 2725N	8.16	62.50	11.18	109.2	559	73.9	18.6	453	3.50	28.1	1.9	5.1	.7	92.0	.59	3.33	.16	80	1.43	.151	8.8	16.5	.24	1032.4	.002	8	.68	.005	.10	<.2	.25	777	3.7	.10	2.4	.14
4400E 2700N	1.76	70.57	4.94	86.8	284	78.7	24.5	656	4.44	4.8	.7	2.6	1.5	70.8	.44	.51	.07	97	1.61	.157	22.7	56.4	.75	1865.0	.002	5	2.18	.009	.09	<.2	.16	512	3.5	.13	8.3	.09
4400E 2675N	3.19	133.96	38.23	279.0	1184	69.9	27.1	1480	5.35	15.5	1.1	44.5	.7	60.8	1.37	2.02	.18	107	.74	.200	17.2	32.2	.37	1973.2	.003	6	1.99	.007	.12	<.2	.24	1103	5.3	.17	6.0	.09
4400E 2650N	2.78	106.62	21.16	243.1	143	41.5	11.1	160	2.96	14.5	.5	5.1	<.1	15.6	.72	3.20	.30	82	.04	.094	6.3	24.7	.04	366.0	.011	3	.74	.007	.05	<.2	.09	74	2.2	.13	4.5	.01
4400E 2625N	4.24	85.57	22.23	208.4	1166	42.4	13.3	594	3.16	15.4	1.6	23.4	<.1	66.3	1.76	2.95	.21	102	.15	.199	10.2	29.1	.19	1258.7	.006	4	1.38	.007	.17	<.2	.26	1552	4.0	.12	5.0	.18
4400E 2600N	8.23	55.90	14.43	122.0	967	24.4	5.9	96	3.49	15.3	1.6	5.5	<.1	78.8	.56	4.30	.17	93	.04	.148	9.2	19.6	.08	359.2	.007	3	.77	.011	.32	<.2	.54	735	4.5	.11	3.8	.54
4400E 2575N	15.34	45.97	14.41	131.0	1737	32.0	7.4	81	5.83	19.1	1.9	3.4	1	124.8	.27	5.56	.14	119	.03	.239	12.1	19.9	.04	121.9	.005	4	.72	.020	.70	<.2	.91	1131	6.8	.19	3.9	1.26
4400E 2550N	10.18	46.78	10.45	119.8	1621	33.4	7.5	48	5.07	22.2	2.9	4.6	.1	71.2	.39	4.48	.10	133	.03	.268	11.2	19.5	.05	178.5	.003	5	.97	.017	.54	<.2	.61	852	3.8	.15	3.6	.91
STANDARD 052	13.88	128.92	29.62	162.7	262	37.6	12.4	813	3.14	64.2	20.7	196.1	3.1	25.0	11.22	9.76	11.04	82	.55	.081	12.5	168.2	.63	145.6	.113	2	1.80	.038	.16	7.3	2.18	252	2.7	1.86	6.2	.03

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data 4 FA ____

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
4400E 2525N	4.15	49.50	8.85	134.3	776	52.0	12.3	192	4.84	10.1	1.1	1.7	9.9	128.1	.52	1.93	.12	90	.05	.229	16.4	18.4	.05	828.7	.005	3	.87	.014	.36	.2	.32	336	1.4	.09	2.5	.55
4400E 2500N	5.80	50.33	11.06	209.0	1072	65.5	18.3	186	5.85	15.7	.8	2.0	5.7	102.9	.55	2.42	.11	115	.02	.186	15.5	21.3	.05	399.7	.006	2	.97	.015	.43	<.2	.41	371	1.9	.09	2.9	.71
4400E 2475N	10.53	52.94	21.70	242.3	2885	30.4	6.3	322	3.35	19.1	1.9	2.4	.6	65.8	1.37	7.39	.20	156	.06	.218	9.5	23.5	.05	1053.7	.008	2	.86	.020	.25	<.2	.56	376	4.1	.11	3.8	.39
4400E 2450N	3.31	27.27	9.79	118.5	250	31.7	10.3	330	2.84	16.7	1.0	4.0	2.4	25.8	.49	3.04	.18	81	.16	.072	11.2	25.4	.44	421.7	.037	1	1.43	.010	.10	<.2	.26	124	1.5	.05	4.3	.08
4400E 2425N	2.72	29.57	8.90	104.3	158	30.3	12.0	449	2.66	14.1	9	4.3	2.9	20.7	.53	2.38	.16	72	.14	.065	9.9	27.4	.42	286.5	.038	1	1.39	.009	.09	<.2	.19	192	1.0	.04	4.1	.06
4400E 2400N	2.58	32.42	9.89	109.1	137	33.7	10.9	357	2.98	12.2	.9	4.2	2.2	19.6	.41	2.09	.22	71	.08	.053	11.4	27.2	.39	396.9	.032	1	1.49	.009	.08	.5	.20	77	1.1	.08	4.4	.05
4500E 2900N	2.54	74.58	14.39	120.3	613	59.3	14.7	432	3.16	14.4	1.2	19.8	2.6	70.7	.45	2.13	.26	29	.66	.037	7.5	14.9	.29	559.1	.008	4	.85	.006	.13	<.2	.15	399	1.9	.08	2.4	.04
4500E 2825N	4.25	98.27	42.92	438.8	628	80.4	23.8	2269	4.66	13.1	1.0	12.7	1.6	80.5	2.04	2.69	.10	81	.93	.160	11.6	26.4	.27	1231.7	.003	5	.91	.008	.16	<.2	.19	842	2.4	.06	3.1	.16
4500E 2775N	2.56	63.53	4.02	130.2	264	76.2	46.3	728	6.00	4.3	.5	1.8	2.0	38.9	.60	.70	.04	215	.71	.136	25.2	83.3	1.59	3416.8	.004	5	3.19	.011	.11	<.2	.22	275	.6	.04	11.4	.09
4500E 2725N	1.75	62.38	4.96	138.9	238	94.7	36.9	768	5.86	4.5	.5	2.7	2.1	49.0	.64	.63	.05	155	.90	.130	22.8	91.0	1.23	3488.8	.004	6	2.72	.013	.15	<.2	.18	309	.7	.02	9.5	.13
4500E 2700N	1.71	65.51	4.66	194.0	203	107.0	47.3	443	5.71	5.1	.5	1.6	2.4	42.4	.47	.90	.04	138	.70	.145	19.3	83.2	1.33	12530.3	.004	4	3.04	.012	.17	<.2	.13	334	.5	.04	9.1	.02
4500E 2650N	4.88	76.46	12.18	311.4	879	77.7	21.2	481	3.89	11.0	1.8	7.2	2.6	57.5	3.10	3.40	.26	60	.73	.116	14.2	18.1	.10	1147.7	.005	5	.85	.008	.17	.9	.34	414	3.0	.03	2.2	.13
4500E 2625N	2.40	55.51	33.34	114.0	1130	11.9	6.7	253	1.98	8.7	1.1	12.7	3.9	155.1	1.40	4.36	.20	38	.03	.096	17.4	14.9	.03	707.7	.004	3	.70	.008	.30	<.2	.54	266	2.7	.09	1.5	.44
4500E 2600N	2.50	65.86	23.49	137.6	283	26.3	10.9	401	3.53	13.3	.6	8.3	1.1	32.9	.32	3.44	.34	56	.03	.080	8.7	24.0	.08	488.1	.016	2	.75	.004	.11	<.2	.15	99	2.6	.21	4.1	.07
4500E 2575N	2.03	58.80	15.00	129.1	112	35.2	12.3	319	3.67	13.0	.8	11.3	3.2	14.8	.32	2.19	.23	63	.06	.048	9.4	29.7	.32	260.0	.038	2	1.65	.007	.07	<.2	.13	88	1.8	.10	4.8	.03
RE 4500E 2575N	2.07	58.62	14.75	130.1	103	35.5	12.2	317	3.72	13.3	.8	9.3	3.3	15.3	.31	2.11	.23	65	.06	.049	9.2	30.6	.32	264.6	.038	1	1.67	.007	.07	<.2	.13	77	1.7	.10	4.7	.02
4500E 2550N	1.91	117.95	19.83	144.4	265	45.7	15.1	405	4.06	13.8	1.2	20.8	3.4	32.5	.62	2.04	.27	57	.06	.070	8.5	28.3	.29	439.5	.028	1	1.46	.007	.11	<.2	.14	58	2.1	.14	3.6	.12
4500E 2525N	9.06	62.23	11.06	204.3	1070	64.1	12.6	160	4.03	21.2	2.4	4.1	1.2	47.7	.16	8.44	.14	113	.07	.082	5.6	28.2	.13	498.9	.010	2	.70	.009	.27	<.2	.45	729	3.8	.09	2.6	.58
4500E 2500N	11.47	54.66	8.87	86.6	758	30.0	10.0	150	3.87	20.8	4.2	4.2	2.0	41.0	.14	4.49	.09	100	.05	.095	8.6	20.0	.15	984.4	.011	4	.96	.010	.23	<.2	.41	1117	3.9	.10	3.1	.39
4500E 2475N	13.39	84.20	8.81	68.9	1134	25.3	6.3	67	3.70	19.1	4.3	2.5	.3	72.1	.14	6.01	.07	114	.03	.108	6.9	16.5	.04	527.2	.005	3	.56	.009	.28	<.2	.48	1389	5.0	.12	1.8	.64
4500E 2450N	12.75	66.92	9.00	75.2	883	23.8	6.2	89	3.10	18.6	3.2	4.1	.4	63.6	.19	5.51	.08	108	.05	.104	8.4	18.9	.08	862.0	.007	3	.70	.009	.23	<.2	.45	1088	4.0	.12	2.3	.41
4500E 2425N	12.96	80.97	7.82	78.4	1027	22.2	5.2	57	2.61	15.7	4.8	2.7	.2	68.6	.15	5.50	.07	96	.03	.106	6.7	15.3	.04	838.9	.005	2	.57	.008	.20	<.2	.36	1209	4.3	.13	1.6	.36
4500E 2400N	1.43	32.66	10.51	90.5	97	33.0	10.9	334	2.79	8.0	.7	5.2	3.1	12.5	.38	1.25	.18	51	.06	.030	10.0	28.8	.41	230.7	.038	2	1.64	.005	.06	<.2	.12	113	.9	.04	4.0	.01
99X02024	1.40	78.72	7.48	65.6	67	154.0	40.0	436	6.71	<.1	.3	.7	1.2	15.0	.18	.28	.13	135	.21	.032	8.0	137.3	.32	1222.1	.004	3	2.50	.005	.08	< 2	.10	49	.5	.04	6.6	<.01
99X03024	1.51	42.53	9.57	44.0	22	27.4	16.3	1803	2.80	17.8	.6	3.4	.9	6.9	.10	1.72	.26	23	.03	.044	4.4	15.3	.15	169.7	.013	2	.81	.003	.10	<.2	.14	54	.8	.06	2.4	<.01
STANDARD DS2	13.22	127.39	30.70	160.7	259	37.7	12.4	790	3.11	62.8	20.5	198.3	3.4	29.5	11.54	9.75	10.99	81	.55	.081	13.7	157.2	.62	139.7	.116	1	1.74	.044	.16	7.5	2.08	255	2.5	1.84	6.2	.02

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data___ FA ____

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 3.1/#6 File # 9902250

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99RO3022	1.60	49.59	9.99	41.2	116	20.5	10.7	91	.96	3.1	.2	8.6	.8	11.4	.13	1.30	.18	5	.10	.021	3.9	9.8	.05	269.5	.001	6	.45	.011	.20	.6	.03	146	.4	.03	1.1	<.01
99RO3023	3.23	350.19	5.65	1292.1	160	133.4	16.1	222	9.86	17.1	3.7	4.8	1.8	11.0	7.21	3.16	.11	95	.01	.240	2.2	19.5	.01	2318.9	.001	2	.55	.004	.10	2.1	.04	712	1.6	.13	1.1	.08

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: ROCK

DATE RECEIVED: JUL 15 1999 **DATE REPORT MAILED:** July 23/99 **SIGNED BY.** C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data FA

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 3.4/#7 File # 9902251 Page 1

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
5700E 2650N	3.46	73.64	12.24	298.0	273	46.2	16.9	504	4.01	10.9	.8	6.5	5.5	61.6	.51	2.26	.21	54	.16	.096	4.6	10.3	.08	415.7	.003	4	.62	.003	.13	.3	.13	219	1.1	.10	2.1	.06
5700E 2625N	4.88	50.12	15.98	176.5	360	42.5	15.4	632	3.15	24.3	.9	7.0	2.9	90.4	.68	3.20	.35	60	.33	.064	5.8	16.0	.15	674.7	.010	4	.72	.005	.13	.2	.18	121	1.6	.19	2.9	.11
5700E 2600N	5.72	88.67	14.88	567.0	99	63.5	35.4	1444	4.51	46.1	1.3	11.3	3.4	40.8	2.20	3.25	.45	28	.22	.068	6.3	10.6	.10	499.4	.002	3	.72	.003	.15	<.2	.16	116	1.5	.18	1.8	.05
5700E 2575N	5.22	94.70	15.83	209.1	193	73.0	23.8	1529	4.42	32.7	1.9	8.2	2.7	30.1	1.08	2.74	.32	19	.46	.039	7.0	7.7	.12	905.0	.002	3	.71	.004	.13	<.2	.29	334	.9	.12	1.7	.08
5700E 2550N	6.15	124.97	22.42	392.6	1539	116.4	17.9	1487	5.66	32.1	3.1	40.3	3.4	64.8	6.91	4.92	.31	39	.78	.058	9.5	7.3	.16	649.6	.001	3	.93	.004	.14	<.2	.35	1029	3.1	.17	.9	.14
5700E 2525N	3.40	110.75	18.09	141.8	173	51.5	20.0	550	5.80	17.5	.4	6.1	2.1	24.7	.13	2.53	.39	51	.07	.084	5.4	24.2	.09	634.5	.005	3	.80	.003	.07	<.2	.17	132	1.9	.16	3.4	.06
5700E 2500N	2.56	169.51	18.83	199.3	409	66.3	26.6	447	5.56	16.2	.5	16.9	1.9	32.1	.16	2.89	.64	45	.02	.065	4.3	23.6	.07	634.5	.005	2	.81	.003	.10	.4	.21	136	2.6	.29	2.4	.09
5700E 2475N	1.46	194.55	15.72	132.0	293	42.0	14.5	601	4.38	11.5	.3	15.7	1.3	22.5	.29	3.34	.41	47	.01	.047	3.0	20.4	.12	675.2	.007	2	1.02	.002	.06	.2	.09	213	2.1	.29	3.2	.01
5700E 2450N	2.22	94.66	12.25	127.6	478	30.4	9.4	239	3.23	11.6	.4	21.8	2.2	21.1	.57	1.73	.28	65	.10	.041	6.2	30.1	.33	456.2	.017	2	1.78	.004	.08	.2	.12	192	1.8	.11	5.2	.02
5700E 2400N	5.48	70.70	8.17	116.3	729	88.0	32.0	529	6.24	14.3	3.6	3.3	1.9	103.0	.43	1.30	.09	173	.55	.250	13.6	64.2	.73	514.9	.002	3	2.73	.022	.19	<.2	.32	369	1.8	.11	9.7	.43
5750E 2650N	4.68	44.24	15.76	245.0	101	43.3	14.2	666	3.70	21.1	.7	1.5	.5	32.5	.27	2.32	.69	62	.11	.088	5.8	15.8	.10	264.4	.014	3	.72	.004	.10	1.0	.20	111	2.2	.13	4.0	.07
5750E 2625N	4.37	58.79	14.98	207.8	254	56.4	23.9	1382	4.33	20.2	.8	3.0	1.6	66.1	.42	2.00	.36	51	.07	.073	4.6	11.1	.10	419.0	.004	3	.76	.005	.14	.2	.16	131	2.0	.18	2.5	.14
5750E 2600N	15.26	127.78	9.91	365.3	1059	133.2	33.8	307	8.20	29.8	1.6	3.4	2.7	184.3	.73	4.99	.10	127	.22	.124	12.8	22.5	.08	229.9	.001	4	.71	.013	.40	<.2	.70	1255	3.3	.12	1.8	.85
5750E 2575N	5.58	18.24	23.41	77.7	614	24.0	4.7	153	1.91	16.2	.2	1.5	<.1	63.3	.28	2.25	.29	58	.02	.049	3.4	10.0	.03	306.0	.011	2	.46	.004	.09	<.2	.17	59	1.3	.14	3.2	.14
5750E 2550N	37.35	175.92	9.02	241.8	7325	58.3	2.6	53	1.98	36.2	14.3	3.6	<.1	132.9	5.12	28.65	.16	764	.70	.523	14.1	141.4	.14	588.5	.021	3	.89	.007	.08	.3	1.46	1129	24.2	.27	6.7	.13
5750E 2525N	18.99	56.15	9.94	364.4	8143	31.6	4.0	137	2.44	28.5	7.7	3.3	<.1	41.7	4.02	16.31	.21	647	.33	.436	9.6	100.3	.26	508.3	.023	2	1.51	.005	.05	.4	1.23	762	11.3	.18	6.7	.05
5750E 2500N	3.33	36.23	8.81	90.2	81	12.9	4.9	305	2.19	8.0	.3	7.7	<.1	15.4	.44	1.03	.25	62	.07	.039	6.2	19.0	.16	498.1	.030	1	.88	.005	.04	<.2	.11	82	.6	.10	4.7	.02
RE 5750E 2475N	27.07	56.86	11.37	706.3	239	82.3	12.9	342	2.87	24.4	3.9	4.2	1.7	27.6	3.44	12.66	.19	226	.21	.029	7.2	23.9	.31	508.9	.010	2	.88	.005	.08	<.2	.69	418	2.8	.12	3.0	.03
5750E 2475N	26.98	57.88	11.65	721.9	241	84.3	12.7	341	2.92	23.9	3.8	14.1	2.1	27.8	3.38	12.53	.19	232	.22	.030	7.4	21.5	.32	535.2	.011	2	.90	.004	.08	<.2	.71	429	2.7	.09	3.0	.02
5750E 2450N	2.95	66.67	14.06	95.4	200	43.2	18.8	1716	5.57	12.1	.4	8.4	2.0	16.8	.50	2.26	.24	51	.05	.052	6.4	21.1	.21	361.8	.011	2	1.05	.004	.08	<.2	.12	158	1.4	.09	3.0	.03
5800E 2675N	4.16	200.60	15.78	185.2	65	31.4	8.9	238	3.63	11.9	.5	15.4	1.7	40.8	.11	1.69	.32	82	.05	.118	6.0	21.7	.12	1084.6	.014	2	1.18	.004	.08	<.2	.16	121	3.0	.18	5.4	<.01
5800E 2625N	2.78	37.94	10.05	148.5	163	25.3	15.8	1037	2.43	5.2	.9	4.4	.8	29.4	.95	.82	.30	48	.41	.052	6.7	13.3	.15	575.7	.019	3	.72	.005	.08	<.2	.13	140	.6	.07	3.8	.02
5800E 2600N	5.22	140.25	10.79	421.0	140	206.5	61.4	952	6.82	10.3	9	5.1	2.6	91.8	.98	1.88	.23	93	.07	.082	6.9	29.7	.14	702.8	.004	3	1.77	.005	.13	<.2	.13	169	1.5	.09	3.3	.10
5800E 2575N	31.32	196.55	22.83	631.7	3696	66.3	3.1	73	3.00	38.2	15.8	4.0	5.0	322.1	52.82	20.64	.37	505	.71	.482	10.3	62.0	.06	447.0	.002	7	.87	.016	.55	<.2	1.90	1532	23.6	.25	3.4	.85
5800E 2550N	108.05	701.97	15.03	1277.8	25594	406.1	3.6	371	3.12	127.3	58.3	5.4	2.5	751.0	158.11	86.90	.22	2293	3.34	1.735	25.6	536.4	.07	819.7	.008	9	1.08	.021	.14	.7	1.35	5545	56.6	.77	11.2	.38
5800E 2525N	24.39	616.24	12.83	1065.9	15770	321.2	14.6	412	2.54	54.2	26.7	13.6	3.6	357.8	2.96	23.98	.33	357	2.60	1.412	15.0	335.9	.11	3398.3	.006	14	1.51	.007	.20	.3	.44	5213	63.6	.45	8.0	.05
5800E 2500N	100.52	66.18	13.63	332.8	156	187.6	12.9	370	2.64	25.8	8.0	3.3	1.8	30.0	1.60	4.95	.21	214	.35	.038	7.2	11.5	.09	549.2	.002	2	.44	.002	.08	.2	1.60	1464	2.8	.12	1.4	.03
5800E 2475N	2.39	69.41	10.92	119.7	116	43.2	18.3	281	3.85	9.7	3	5.3	1.0	34.0	.08	2.43	.23	43	.09	.057	4.2	18.4	.05	1007.8	.002	3	.67	.002	.10	<.2	.16	273	1.4	.10	1.6	.04
5800E 2450N	2.02	211.03	17.06	91.3	329	57.1	13.8	398	3.82	9.4	.3	17.9	1.3	16.8	.26	2.29	.32	42	.02	.044	3.2	24.1	.16	424.3	.008	1	1.29	.003	.05	<.2	.08	237	2.8	.21	2.2	.01
5800E 2425N	5.48	156.24	57.34	270.6	196	101.3	43.3	1303	6.44	15.4	7	3.8	2.2	77.6	.16	4.61	.96	115	.02	.211	9.1	24.2	.08	965.5	.008	2	.52	.004	.10	<.2	.06	68	2.3	.62	3.3	.06
5800E 2400N	10.43	217.29	32.48	149.8	1198	104.8	24.3	984	5.62	34.1	2.3	13.0	3.8	225.7	.46	6.44	.55	113	.94	.197	10.1	29.9	.14	940.1	.001	5	1.14	.012	.20	<.2	.24	1097	3.4	.57	2.2	.41
5850E 2650N	7.54	150.76	11.85	556.7	884	124.8	33.9	991	6.12	21.4	2.0	21.4	1.4	80.5	4.44	4.91	.26	81	.48	.169	11.1	24.4	.21	833.0	.006	3	.79	.007	.16	<.2	.28	495	3.8	.16	2.1	.19
5850E 2575N	115.45	214.80	13.10	389.8	2963	100.0	1.7	24	1.91	57.5	19.0	2.2	<.1	119.8	13.25	44.49	.24	1867	.26	.133	14.6	157.7	.06	918.0	.008	9	.46	.006	.15	.4	2.30	656	51.5	.40	7.1	.33
5850E 2550N	45.28	370.95	10.31	374.8	13335	97.3	1.9	38	1.91	50.2	30.3	7.2	<.1	245.5	11.48	29.76	.20	1057	1.45	.761	18.6	246.6	.08	1125.9	.019	5	.85	.008	.10	.3	1.41	1683	36.0	.45	9.1	.17
STANDARD DS2	14.83	129.68	27.14	164.2	263	38.2	12.8	820	3.16	63.9	16.5	204.1	3.1	26.9	11.34	9.73	11.03	83	.56	.082	12.7	170.7	.63	146.9	.114	1	1.82	.039	.16	7.1	2.06	246	2.4	1.90	6.1	.03

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: SOIL Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 15 1999 DATE REPORT MAILED: July 23/99 SIGNED BY ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data FA

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Tl	Hg	Se	Te	Ga	S
	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppb	ppm	ppm	ppm	%
5850E 2500N	13.37	111.23	15.73	93.7	318	63.9	20.9	1888	4.88	21.8	2.2	9.0	5.5	23.2	.24	3.29	.33	30	.07	.037	7.7	7.8	.05	504.0	.001	3	.56	.003	.12	.2	.34	252	1.5	.19	.9	.04
5850E 2475N	2.06	48.23	13.79	74.8	457	51.2	15.2	2918	11.43	10.9	1.2	19.0	6.1	78.0	.39	1.66	.22	67	.38	.197	24.3	56.6	.14	3083.0	.005	4	1.47	.004	.08	.2	.13	368	3.7	.12	3.3	.06
5850E 2450N	3.21	85.46	12.44	193.1	554	174.8	57.2	766	9.31	7.9	.6	5.0	4.6	36.7	1.04	1.72	.08	183	.69	.198	32.6	147.8	1.14	1535.0	.002	4	2.78	.004	.11	<.2	.21	431	1.4	.07	11.2	.03
5850E 2425N	4.96	244.65	12.27	194.7	544	87.6	11.4	854	4.13	18.3	1.0	16.9	3.0	152.3	.87	2.21	.25	60	.15	.169	5.7	23.4	.05	3502.7	.001	3	.56	.003	.10	<.2	.18	910	2.8	.20	1.9	.15
5850E 2400N	26.30	89.46	29.56	148.6	804	83.6	23.4	1863	5.20	30.1	2.8	6.1	4.4	117.6	.66	4.17	.36	49	.27	.162	14.7	23.1	.08	1497.7	.001	3	1.27	.006	.13	<.2	.16	794	3.4	.45	2.4	.17
6000E 2650N	4.01	59.12	7.43	229.9	310	48.1	13.5	333	3.21	10.3	1.4	5.3	2.1	42.7	1.65	2.64	.38	99	.35	.129	13.1	33.6	.42	683.6	.025	2	1.20	.007	.08	.6	.16	235	1.2	.13	4.1	.04
6000E 2625N	17.77	182.18	13.06	737.5	5220	80.2	8.3	227	3.25	23.9	18.9	27.5	.8	188.2	6.59	9.08	.24	403	.48	.402	10.6	68.3	.13	703.3	.007	6	1.03	.009	.22	.2	.93	1386	9.7	.16	4.9	.39
6000E 2600N	41.11	445.88	11.13	718.0	13236	151.5	5.1	254	2.32	47.3	34.9	3.0	1.2	367.0	39.22	20.83	.23	754	1.76	.953	18.5	251.7	.07	497.2	.008	11	.97	.011	.25	.3	.68	3039	41.9	.42	7.1	.56
6000E 2575N	92.10	664.78	13.37	563.8	10976	197.7	6.8	178	2.06	86.5	65.3	2.2	.2	221.7	70.97	76.60	.53	2300	1.36	.834	27.7	293.9	.07	968.7	.011	15	1.17	.007	.17	1.4	1.56	8094	39.3	.56	7.8	.14
6000E 2550N	2.32	100.41	17.24	175.4	299	61.0	27.3	1427	5.42	20.0	1.7	18.4	1.7	61.3	.97	2.52	.37	34	.36	.090	8.4	16.9	.11	621.2	.005	4	1.04	.006	.18	.2	.28	282	.7	.16	2.0	.21
RE 5850E 2400N	26.42	91.04	30.40	152.7	806	86.0	23.1	1898	5.33	31.5	2.9	5.8	3.4	120.2	.70	4.11	.37	51	.28	.167	14.7	21.8	.09	1515.1	.001	4	1.34	.006	.14	<.2	.15	833	3.5	.48	2.5	.17
6000E 2525N	.97	65.17	12.80	128.0	33	40.2	17.8	389	3.41	5.5	.3	1.8	.3	13.1	.09	.93	.54	29	.02	.043	3.6	8.2	.06	187.4	.007	3	.68	.003	.12	<.2	.09	71	.4	.14	3.1	.02
6000E 2500N	7.05	102.49	26.95	223.9	521	97.4	36.6	1689	6.25	28.3	2.4	4.2	3.3	209.7	.92	3.14	.37	47	.16	.211	14.7	18.9	.13	339.0	.005	4	1.01	.010	.33	<.2	.22	383	3.0	.38	2.2	.62
6000E 2475N	1.45	81.05	15.53	121.2	134	44.3	20.4	270	5.02	9.2	.3	2.2	1.0	24.2	.10	.96	.41	50	.02	.074	4.7	21.2	.08	423.4	.005	4	.90	.005	.12	<.2	.12	88	2.0	.14	4.0	.10
6000E 2450N	1.45	254.27	22.56	125.2	612	99.9	30.5	1376	5.80	9.8	.7	20.2	1.0	29.3	.29	3.55	.37	101	.03	.053	4.4	18.1	.04	637.5	.003	2	.91	.002	.06	<.2	.11	345	5.1	.20	1.5	.04
6000E 2425N	2.24	168.35	28.50	113.7	621	67.4	16.1	533	5.58	15.0	.5	25.1	4.0	22.3	.19	2.14	.45	67	.03	.055	14.1	25.0	.10	280.2	.011	3	1.53	.004	.08	.2	.15	97	2.7	.15	5.0	.09
6000E 2400N	2.69	88.47	16.34	132.6	166	45.6	14.2	421	3.80	12.4	.4	14.3	1.0	37.4	.15	2.37	.29	55	.02	.068	7.4	23.3	.12	811.9	.009	2	.83	.004	.06	<.2	.17	130	2.0	.12	3.4	.02
STANDARD OS2	14.12	127.76	28.32	159.2	270	35.5	12.7	801	3.22	62.0	16.5	203.0	2.8	29.2	11.13	9.70	10.83	75	.56	.085	13.0	166.9	.58	140.4	.116	2	1.73	.038	.16	7.2	2.08	233	2.1	1.87	6.1	.03

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data 1 FA ___

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.)
852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 3.4/#7 File # 9902252

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99R02025	39.03	165.67	6.14	157.5	4202	58.3	9	46	1.15	46.4	20.1	1.2	4.4	224.5	18.93	31.36	.09	1391	1.03	.505	9.8	196.6	.04	891.8	.006	10	.52	.013	.12	7.4	.71	721	24.9	.27	4.6	.16
99R02026	58.41	125.04	7.90	124.1	5163	57.5	.9	34	1.16	59.7	28.1	.5	2.4	178.8	15.12	36.73	.11	1915	.58	.325	10.7	196.8	.05	766.8	.008	13	.57	.007	.14	5.6	1.04	1325	28.8	.30	5.5	.16
99R02027	26.36	147.34	7.11	183.5	7978	79.0	1.0	69	1.04	38.7	20.2	1.5	3.8	396.5	27.57	25.09	.10	1180	2.97	1.408	13.0	260.3	.03	654.3	.007	10	.56	.014	.14	7.7	.54	1375	23.5	.26	5.8	.15
99R02028	12.79	54.35	2.23	56.7	2279	38.7	.5	33	.62	16.0	7.4	.3	.7	114.3	6.27	12.22	.04	383	.73	.312	4.5	108.3	.01	313.4	.002	3	.15	.006	.04	10.6	.17	276	15.6	.11	1.1	.09
99R03025	5.68	28.98	3.59	6.5	119	12.0	2.7	78	1.91	17.4	.2	1.5	1.1	17.1	.16	5.60	.11	19	.06	.014	2.9	31.9	.05	230.9	.001	2	.27	.004	.11	10.1	.03	65	.7	.16	1.3	1.03
99R03026	23.31	63.26	3.60	61.4	2141	34.1	.3	27	.59	21.0	7.2	.8	.4	67.6	4.11	21.43	.04	582	.38	.159	3.2	91.4	.01	338.3	.002	4	.16	.005	.04	8.4	.41	496	18.1	.12	1.9	.12
RE 99R03026	23.24	63.11	3.18	60.5	2087	33.7	.3	27	.58	20.7	7.1	.4	.2	68.9	4.16	21.20	.04	573	.38	.156	3.2	88.9	.01	330.3	.002	3	.16	.004	.04	8.5	.41	511	18.0	.10	1.8	.12
STANDARD DS2	14.15	128.95	31.16	159.2	263	36.2	12.1	801	3.22	62.5	20.0	200.0	4.1	27.5	10.94	9.52	11.04	75	.56	.082	12.9	166.3	.57	138.7	.113	1	1.78	.037	.16	7.1	2.06	250	2.4	1.82	6.0	03

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: ROCK Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 15 1999 DATE REPORT MAILED: July 22/99 SIGNED BY. C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data A FA

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.)
852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEM PRECIOUS METALS ANALYSIS

International Kodiak Resources Inc. PROJECT AREA 3.4/#7 File # 9902252R

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Au** ppb	Pt** ppb	Pd** ppb
99RO2025	1	4	12
99RO2026	1	3	17
99RO2027	8	4	22
RE 99RO2027	6	5	20

30 GRAM SAMPLE FIRE ASSAY AND ANALYSIS BY ULTRA/ICP.
- SAMPLE TYPE: ROCK PULP
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 30 1999 DATE REPORT MAILED: Aug 4/99 SIGNED BY. C. T. D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data A FA

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 6/#8 File # 9902253 Page 1

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99X04069	1.75	13.97	10.60	69.2	57	19.3	8.7	266	3.64	12.6	.4	.4	7.2	13.7	.31	.98	.24	79	.20	.036	10.4	33.6	.61	256.2	.051	2	2.06	.007	.06	.4	.15	22	<.1	.03	7.1	<.01
99X04070	.84	32.96	7.90	58.1	169	24.8	9.9	693	2.10	6.3	1.4	5.1	4.6	70.2	.40	.74	.19	49	1.33	.095	15.6	28.2	.58	1049.4	.022	2	1.77	.011	.06	.2	.12	169	.4	.04	5.0	.05
99X04071	.54	18.64	8.55	62.2	99	22.9	9.1	338	2.35	4.4	.4	2.3	4.9	52.1	.21	.45	.15	34	1.22	.067	16.6	26.7	.66	578.1	.014	3	1.56	.009	.11	<.2	.09	65	<.1	<.02	4.6	.03
99X04072	.72	20.26	8.67	56.0	100	20.6	9.5	372	2.13	5.7	.6	3.9	3.3	58.3	.17	.55	.15	39	1.33	.051	13.8	27.9	.60	664.8	.015	2	1.54	.009	.08	.2	.10	79	.4	.03	4.6	.04
99X04073	.64	19.23	8.69	65.9	90	22.7	10.1	323	2.37	4.3	.4	7.4	5.5	36.4	.17	.47	.14	32	.86	.068	12.7	26.8	.67	427.2	.018	3	1.48	.010	.12	<.2	.08	87	1.0	.05	4.6	.01
99X04074	1.56	34.79	10.86	67.5	199	28.7	11.3	441	2.53	8.4	2.1	4.6	4.6	45.4	.21	.90	.17	49	.95	.064	13.2	28.4	.54	727.7	.014	3	1.79	.007	.09	.2	.14	210	.7	.05	5.7	.02
99X04075	1.07	32.78	7.19	53.6	59	38.4	11.9	250	2.55	8.0	.5	2.7	2.4	21.7	.14	.67	.15	75	.34	.045	10.3	36.4	.71	336.5	.137	2	1.80	.008	.05	.2	.11	109	.4	.05	6.1	<.01
99X04076	1.51	33.97	8.50	67.5	77	41.3	15.3	409	3.32	11.3	.5	5.5	3.7	20.5	.15	.91	.35	92	.35	.055	11.7	49.4	.80	350.8	.212	2	2.07	.010	.06	.6	.16	53	.7	.12	6.6	<.01
99X04077	1.47	39.19	9.33	69.2	215	38.3	13.0	400	2.95	7.9	.7	6.8	1.5	30.1	.20	.82	.52	90	.41	.056	12.2	50.0	.79	647.3	.158	3	2.24	.011	.06	1.1	.18	148	.3	.08	7.5	.01
99X04078	3.44	36.81	9.15	86.9	118	25.2	9.5	285	2.40	9.4	.6	5.0	3.1	23.4	.26	1.59	.21	58	.24	.060	12.8	29.1	.61	324.7	.050	3	1.34	.008	.12	.3	.23	69	.7	.09	5.0	.02
99X04079	1.29	23.25	6.36	73.0	151	23.3	8.1	235	2.00	5.6	.6	8.0	2.8	26.3	.28	.78	.18	52	.44	.066	12.9	31.5	.68	540.1	.051	2	1.62	.008	.09	.3	.16	107	.2	.03	5.3	.01
99X04080	1.73	31.31	7.71	83.7	206	27.4	8.9	342	2.23	8.0	.8	5.3	2.5	31.9	.30	1.07	.20	60	.50	.077	13.2	36.7	.63	551.0	.054	3	1.60	.009	.10	.3	.17	174	.6	.07	5.5	.01
RE 99X04080	1.71	29.75	7.47	79.4	196	25.9	8.8	332	2.13	7.7	.7	7.1	2.1	29.4	.27	1.05	.19	55	.48	.073	12.3	32.9	.60	510.6	.049	2	1.49	.008	.08	.2	.16	167	.5	.04	5.2	.02
99X04081	1.90	28.05	8.49	89.6	185	28.3	11.2	521	1.99	6.1	1.1	3.6	2.3	52.6	.70	1.09	.14	49	.94	.068	12.4	27.7	.62	489.2	.026	3	1.33	.008	.10	.2	.15	179	1.2	.05	4.5	.04
99X04082	6.41	106.60	8.23	151.8	905	40.0	8.8	464	2.32	8.2	1.4	20.0	1.8	44.8	.89	2.48	.20	73	.60	.102	11.4	24.3	.25	706.5	.011	4	1.05	.005	.14	<.2	.28	572	4.1	.17	4.2	.02
99X04083	5.78	85.30	19.18	234.4	524	65.0	24.1	1774	5.06	17.0	.7	2.7	1.4	49.7	2.40	3.27	.50	137	.24	.075	7.2	44.7	.25	1278.8	.012	3	1.83	.005	.09	<.2	.21	97	3.5	.31	9.1	.01
99X04084	6.55	94.47	8.94	169.5	242	34.6	7.3	222	2.48	9.7	.4	6.7	.9	18.7	.52	2.60	.21	72	.10	.049	5.6	19.0	.20	473.1	.012	2	.82	.002	.07	<.2	.21	166	4.5	.14	4.0	<.01
99X04085	3.99	91.26	16.02	120.4	562	52.4	19.4	393	4.63	10.0	.6	6.0	3.6	31.2	.58	1.57	.34	118	.34	.059	8.5	107.7	.97	890.9	.072	3	2.15	.006	.12	<.2	.40	177	3.3	.14	7.6	<.01
99X04086	1.97	31.26	11.87	60.1	47	23.8	11.5	386	2.78	13.3	.6	4.1	3.6	15.1	.28	1.29	.24	60	.09	.057	10.9	34.1	.39	196.2	.061	1	2.11	.007	.05	.2	.16	563	2.4	.08	5.7	.01
99X04087	2.78	33.83	13.82	79.1	135	20.0	9.2	432	3.47	14.3	.5	3.0	1.9	18.5	.34	1.15	.29	89	.08	.057	9.8	32.8	.39	272.9	.063	2	1.66	.005	.07	.2	.18	129	1.3	.10	8.0	<.01
99X04088	3.47	93.58	16.74	110.6	107	24.2	11.1	891	3.32	14.6	.5	4.4	.3	63.0	.46	1.82	.40	102	.08	.079	10.0	34.8	.21	702.7	.023	2	1.11	.004	.11	<.2	.18	223	1.3	.19	6.7	.03
99X04089	3.73	58.67	14.99	162.7	418	22.9	10.9	786	2.86	8.2	.6	2.3	<.1	23.5	2.98	1.59	.38	72	.13	.116	9.7	25.5	.13	427.7	.028	2	.87	.005	.10	<.2	.20	88	.8	.10	6.3	.05
99X04090	64.89	123.39	19.38	471.5	723	92.0	39.4	1116	6.66	42.8	7.7	12.3	4.9	127.1	1.92	4.17	.19	84	.37	.180	26.6	24.7	.82	755.1	.017	4	1.54	.017	.22	<.2	.82	984	3.4	.20	5.4	.18
99X04091	3.86	83.33	12.63	97.3	209	33.5	15.8	1324	3.27	12.2	1.0	12.5	.9	25.8	.49	1.77	.25	72	.20	.093	13.2	34.1	.65	302.5	.031	2	1.55	.006	.10	.2	.16	137	.4	.12	5.6	.03
99X04092	11.72	154.83	18.92	257.4	1044	63.4	17.2	745	4.02	18.6	4.7	15.6	3.8	163.0	2.35	4.12	.26	124	.50	.271	15.1	33.4	.92	1059.9	.007	4	2.03	.013	.29	<.2	.45	768	3.7	.17	7.5	.16
99X04093	7.83	86.66	19.00	116.2	193	49.7	33.9	1766	4.10	12.7	1.9	8.1	1.2	27.9	.61	1.87	.29	56	.10	.072	13.0	26.9	.34	623.6	.022	3	1.49	.006	.15	<.2	.32	172	1.0	.14	5.6	.08
99X04094	7.37	35.25	11.29	88.6	98	30.3	17.9	990	3.19	12.6	1.2	2.1	1.6	15.7	.43	1.56	.24	67	.06	.039	9.7	23.4	.25	280.6	.029	2	1.32	.004	.08	.2	.26	98	.4	.08	5.5	.04
99X04095	5.73	116.11	12.93	136.0	278	26.5	8.5	298	3.41	13.6	.7	5.6	.7	29.8	.49	2.16	.29	99	.07	.084	6.7	33.0	.30	190.9	.032	1	1.88	.005	.06	.2	.15	90	1.7	.26	6.2	.06
99X04096	3.94	48.30	11.98	76.3	184	17.6	4.8	138	1.99	9.5	.6	2.1	<.1	10.8	.23	1.25	.32	82	.05	.062	8.9	21.6	.07	181.6	.015	1	.95	.004	.05	<.2	.12	76	<.1	.07	7.4	.04
99X04097	2.53	51.08	12.47	121.2	65	37.1	18.3	845	3.57	10.0	.4	3.6	1.9	9.2	.34	1.27	.25	56	.06	.044	7.7	26.6	.33	133.1	.029	2	1.31	.005	.05	.2	.08	44	.5	.09	4.8	.02
99X04098	3.63	26.13	11.59	74.2	192	20.7	6.4	231	3.36	22.5	1.2	2.2	<.1	103.2	.34	2.57	.27	168	.08	.111	8.9	33.1	.34	152.0	.027	1	1.47	.007	.07	.2	.16	70	.4	.13	7.0	.09
99X04099	4.86	67.19	10.32	148.7	156	45.3	17.3	900	3.17	12.1	1.1	15.0	3.2	14.6	.51	1.64	.21	77	.12	.082	9.4	32.6	.46	368.4	.042	1	1.55	.006	.06	.2	.13	124	<.1	.04	4.8	.02
99X04100	7.41	116.01	16.38	195.6	280	45.0	17.9	1114	3.69	13.1	1.2	3.7	.2	16.5	.51	2.56	.31	100	.09	.260	8.2	28.5	.24	255.3	.031	1	1.22	.004	.07	.2	.21	70	2.2	.14	6.5	.04
99X04101	4.33	78.19	10.68	167.9	466	49.4	14.6	500	3.01	14.0	1.4	24.1	3.3	32.2	1.03	2.14	.24	81	.26	.128	13.0	32.2	.56	599.6	.042	2	1.97	.008	.10	.2	.25	251	1.5	.08	5.4	.03
STANDARD DS2	14.05	126.35	27.56	161.3	260	37.3	12.6	792	3.08	62.0	20.6	195.6	3.2	23.5	11.69	9.75	10.73	81	.54	.080	12.8	159.1	.60	138.5	.116	2	1.73	.036	.15	7.3	2.10	256	2.4	1.79	6.0	<.01

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: SOIL Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 15 1999 DATE REPORT MAILED: July 23/99 SIGNED BY. ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99X04102	4.95	68.76	12.83	136.6	185	36.9	11.7	762	2.65	16.4	1.4	8.3	6.7	62.6	.97	2.41	.23	69	.32	.152	11.4	24.1	.38	457.4	.031	2	1.20	.010	.16	.3	.28	94	<.1	.07	3.6	.06
99X04103	3.91	87.48	12.94	149.9	314	44.2	8.5	371	2.99	17.0	1.2	8.6	6.8	65.5	.86	3.02	.26	91	.36	.127	11.9	25.9	.37	472.9	.032	3	1.19	.006	.16	<.2	.29	232	<.1	.12	3.9	.02
99X04104	2.88	59.67	16.88	116.5	116	35.1	13.7	830	3.10	23.6	1.0	5.3	4.2	39.1	.53	2.60	.32	79	.27	.112	12.6	27.6	.42	451.4	.047	2	1.35	.006	.16	.2	.24	93	<.1	.07	4.6	.02
99X05077	.98	19.91	8.05	67.5	76	19.7	8.8	223	2.38	7.2	.7	12.5	5.0	29.9	.24	.87	.14	50	.45	.084	12.5	24.6	.55	415.8	.046	2	1.32	.012	.07	.4	.09	63	<.1	.04	3.9	.03
99X05078	1.84	22.32	11.11	90.1	136	24.9	18.5	4202	3.29	14.2	1.1	4.5	3.7	43.7	.37	.60	.21	57	.59	.085	12.1	30.8	.56	656.7	.021	1	1.80	.011	.07	.2	.12	116	2.3	.08	5.6	.06
99X05079	1.29	19.21	6.59	66.0	95	24.4	11.5	3159	2.03	8.0	.6	3.1	2.5	53.3	.49	.67	.13	40	.81	.074	9.4	16.8	.44	504.1	.040	2	1.05	.013	.05	.2	.08	52	.5	.03	3.4	.05
99X05080	.43	21.42	7.35	50.6	83	17.8	8.2	214	1.65	5.4	.8	5.9	3.5	38.3	.18	.50	.13	39	.66	.060	12.2	21.2	.45	367.7	.031	2	1.30	.010	.06	.3	.08	81	1.2	.02	3.8	.07
99X05081	1.01	28.68	8.12	77.8	59	27.2	8.8	283	2.39	11.2	.4	4.5	3.2	20.9	.21	1.19	.35	53	.36	.076	13.3	30.1	.56	292.5	.079	1	1.42	.015	.07	.6	.11	35	<.1	.08	4.0	<.01
99X05082	1.09	20.07	7.07	60.2	44	21.1	6.9	233	2.09	10.0	.4	5.3	1.1	19.4	.23	.94	.16	44	.30	.067	10.3	23.9	.43	199.9	.047	1	1.18	.009	.06	.3	.08	48	.1	.06	3.5	<.01
99X05083	.95	24.65	8.00	83.3	88	24.2	10.2	557	2.43	8.5	.6	2.9	3.5	47.4	.24	.84	.49	43	.74	.089	14.5	24.0	.65	364.2	.033	3	1.33	.011	.10	1.3	.11	65	.2	<.02	4.0	.04
99X05084	1.14	24.25	8.58	60.0	76	23.5	9.3	402	2.32	10.3	.7	2.9	1.0	24.4	.21	.92	.19	53	.44	.066	11.3	27.5	.46	346.9	.041	1	1.46	.010	.05	.4	.11	56	<.1	.07	4.6	.01
99X05085	1.10	28.51	8.41	61.8	138	25.6	12.6	998	2.89	12.9	1.6	5.2	2.2	72.1	.28	.72	.17	45	1.26	.086	12.2	25.3	.50	402.7	.026	2	1.46	.011	.06	.4	.12	111	2.9	.08	4.4	.11
RE 99X05085	1.04	28.09	8.08	62.5	137	25.2	11.7	988	2.85	12.4	1.5	15.6	1.9	69.5	.28	.66	.17	43	1.25	.086	11.4	23.7	.47	370.6	.021	2	1.34	.010	.05	.3	.10	97	2.6	.07	4.0	.12
99X05086	.64	22.89	7.75	62.6	84	21.2	9.7	310	1.94	7.7	.6	3.2	3.3	23.3	.19	.92	.15	44	.41	.079	13.0	25.0	.48	337.3	.059	1	1.22	.012	.05	.3	.07	51	.6	.04	3.7	.01
99X05087	6.85	75.00	15.51	100.1	189	40.6	12.9	539	4.05	28.0	1.6	14.4	3.9	64.3	.37	4.03	.27	57	.09	.083	10.0	29.1	.31	327.4	.028	1	1.72	.011	.09	.2	.73	524	1.5	.15	3.6	.14
99X05088	1.40	38.78	9.53	67.4	67	26.4	10.4	353	2.58	12.5	.7	6.0	2.5	16.3	.17	1.21	.18	55	.18	.065	13.3	28.3	.46	231.2	.053	1	1.73	.008	.05	.2	.11	135	.3	.06	4.4	.01
99X05089	.73	18.58	7.84	48.0	21	16.8	6.4	159	2.08	10.0	.4	3.8	.4	13.9	.13	.68	.15	44	.20	.062	10.6	22.3	.38	158.2	.035	<1	1.37	.006	.03	.2	.08	44	.2	.04	4.1	<.01
99X05090	.74	17.44	6.97	50.4	18	17.8	5.9	142	1.98	9.5	.4	3.2	.2	13.4	.14	.73	.14	42	.20	.062	10.0	22.9	.42	124.7	.042	1	1.30	.007	.04	.2	.07	33	<.1	.02	3.7	<.01
99X05091	.75	21.71	6.11	55.9	27	21.5	7.1	212	1.96	8.9	.4	2.3	1.5	16.3	.19	.84	.12	39	.28	.075	11.9	24.2	.41	185.0	.053	1	1.15	.009	.04	.2	.07	32	.2	.04	3.1	.01
99X05092	1.28	29.05	7.49	83.1	74	25.7	10.0	383	2.49	12.1	.5	6.4	3.3	20.8	.42	1.28	.17	55	.34	.089	13.7	29.0	.50	392.1	.072	1	1.18	.015	.06	.4	.07	36	.2	.04	3.6	.01
99X05093	1.39	27.95	8.78	69.9	36	24.5	8.8	259	2.51	12.2	.6	5.5	2.9	15.3	.27	1.10	.19	59	.21	.060	12.0	28.2	.52	273.6	.055	1	1.82	.008	.05	.2	.11	55	.4	.04	5.2	<.01
99X05094	1.34	21.07	10.31	60.1	13	25.3	11.3	299	2.88	13.0	.5	2.7	3.7	10.1	.17	.95	.22	66	.10	.025	10.0	31.5	.49	228.6	.061	1	2.08	.008	.05	.2	.10	57	.5	.06	5.7	.01
99X05095	1.79	18.51	12.22	65.9	25	24.5	9.7	382	3.27	15.1	.5	2.5	3.4	9.0	.17	1.06	.26	90	.09	.028	9.7	37.4	.44	241.0	.049	1	2.62	.007	.04	.2	.15	28	.5	.08	7.8	<.01
99X05096	1.22	21.57	11.11	54.1	240	19.5	10.0	322	2.90	10.5	.3	3.1	2.4	10.4	.12	.90	.26	79	.10	.023	8.0	29.9	.34	335.1	.042	<1	1.90	.006	.04	.2	.11	36	.2	.09	7.0	.01
99X05097	.96	24.57	10.16	41.7	137	17.8	8.5	496	2.37	8.5	1.4	2.9	2.4	40.6	.15	.65	.23	63	.45	.026	12.4	27.6	.37	545.0	.038	1	1.57	.008	.05	.3	.11	49	.8	.05	5.6	.02
99X05098	.80	20.49	7.95	62.9	144	18.5	5.5	123	1.43	4.4	.6	2.6	1.3	20.3	.31	.95	.15	40	.27	.055	11.9	23.2	.39	290.8	.040	1	1.27	.009	.05	.4	.11	81	.7	.02	4.1	.02
99X05099	1.13	17.94	8.24	62.4	157	17.2	6.5	201	2.08	8.1	.5	3.0	1.3	16.9	.20	.81	.18	53	.20	.045	9.0	25.9	.39	292.5	.032	1	1.52	.007	.05	.2	.14	138	.5	.04	4.9	.03
99X05100	1.25	20.64	11.66	62.5	55	20.3	8.8	245	2.42	9.5	.4	2.4	2.2	15.1	.19	.83	.23	50	.19	.038	10.5	26.5	.48	284.9	.039	1	1.57	.009	.07	.2	.08	35	.2	.07	5.1	.01
99X05101	.62	14.58	5.81	41.1	175	10.9	3.2	55	1.21	3.9	.5	3.6	.8	13.7	.21	.37	.15	29	.16	.057	10.1	20.0	.43	405.4	.012	1	1.29	.007	.08	<.2	.13	149	.4	.03	5.2	.03
99X05102	.94	16.23	6.44	55.4	184	14.0	4.4	87	1.65	5.6	.7	12.4	1.7	16.6	.22	.54	.15	38	.20	.070	10.7	20.9	.56	382.0	.028	1	1.33	.008	.08	.2	.12	144	.6	.03	4.6	.04
99X05103	3.07	36.14	8.66	87.2	253	22.2	11.9	376	2.28	8.2	.9	8.2	1.7	23.2	.43	1.25	.16	56	.21	.070	11.3	24.4	.60	475.4	.027	1	1.52	.009	.09	<.2	.22	82	.6	.04	4.9	.03
99X05104	1.62	20.38	7.60	65.6	241	16.8	9.3	302	1.89	6.2	.7	6.0	1.2	15.2	.24	.66	.19	51	.16	.043	9.9	25.8	.49	450.9	.031	1	1.57	.008	.06	.2	.15	72	.9	.05	5.5	.02
99X05105	1.31	29.87	10.00	58.7	140	21.4	7.7	225	2.12	8.0	.5	2.9	.6	56.2	.43	.68	.26	62	.50	.036	9.2	26.6	.38	327.1	.040	1	1.67	.010	.07	.2	.12	37	.9	.09	6.5	.04
99X05106	1.96	64.97	8.41	75.1	321	29.5	9.0	484	2.23	8.0	.9	16.5	1.7	70.4	.36	1.09	.18	53	.95	.047	12.7	23.4	.58	470.5	.033	2	1.44	.012	.06	.2	.13	181	1.3	.08	4.4	.06
STANDARD DS2	12.92	126.76	27.18	161.0	240	37.6	12.3	792	3.10	62.3	20.1	192.9	2.9	22.9	11.12	9.38	10.58	81	.55	.080	12.5	164.8	.61	141.6	.113	1	1.76	.037	.16	6.9	2.05	235	1.8	1.80	5.8	.03

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99X05107	1.28	25.84	8.04	67.8	368	17.3	6.6	118	1.81	4.1	1.0	3.6	5.6	19.8	.36	.68	.19	45	.20	.069	10.0	21.7	.55	582.1	.019	2	1.49	.008	.08	.3	.15	129	.3	.04	5.1	.04
99X05108	1.24	21.67	7.98	63.1	187	15.7	7.3	215	2.04	5.2	.9	7.2	2.6	16.8	.22	.65	.19	51	.18	.061	9.9	24.1	.57	383.3	.025	1	1.42	.008	.07	.3	.11	124	.3	.06	4.9	.03
99X05109	1.59	19.13	7.91	74.1	108	19.1	7.1	161	2.25	6.9	.6	3.7	2.7	13.9	.18	.73	.18	57	.18	.063	9.3	21.8	.56	253.7	.031	1	1.39	.007	.07	.2	.10	80	.3	.04	4.8	.02
99X05110	1.12	32.97	8.94	81.2	92	26.3	10.4	231	2.43	8.7	.8	5.0	4.6	24.2	.25	1.00	.20	55	.38	.071	14.4	29.2	.62	514.0	.056	1	1.57	.012	.07	.2	.09	73	.3	.04	4.7	.02
99X05111	1.39	17.66	8.60	46.0	70	17.4	6.1	159	2.32	10.1	.4	2.7	2.7	15.6	.11	.82	.18	58	.26	.029	9.1	21.4	.35	254.9	.041	1	1.42	.008	.04	.2	.10	50	<.1	.06	4.7	.01
99X05112	1.22	27.67	10.69	71.7	147	21.6	9.1	231	2.28	6.7	.9	10.2	3.8	20.6	.14	.71	.22	48	.26	.055	10.7	26.3	.52	463.6	.025	1	1.62	.009	.07	.2	.11	114	<.1	.04	4.7	.01
99X05113	.89	29.82	7.86	57.7	78	31.1	12.5	441	2.41	5.7	.8	3.3	2.7	31.3	.17	.41	.15	65	.66	.067	11.7	35.7	.71	609.4	.089	1	1.78	.009	.05	.2	.09	70	<.1	.02	5.5	.04
99X05114	1.10	38.47	7.09	62.4	103	41.6	12.5	258	2.82	5.0	.6	2.1	2.2	26.7	.19	.45	.16	91	.49	.063	10.7	48.3	.89	500.3	.218	1	1.99	.009	.05	.2	.11	59	<.1	.03	7.6	.04
99X05115	1.48	16.54	10.56	60.4	194	15.4	14.3	1043	1.76	4.4	.8	11.5	.8	24.3	.29	.53	.18	42	.46	.066	10.3	22.5	.49	329.8	.021	1	1.30	.007	.07	<.2	.16	94	.4	.04	4.7	.05
99X05116	1.43	21.12	7.10	76.5	119	22.1	9.4	395	1.99	4.8	.7	4.1	1.5	14.9	.39	.73	.17	51	.21	.058	11.2	27.0	.55	341.2	.040	1	1.54	.007	.06	.2	.15	96	<.1	.02	4.9	.02
99X05117	3.31	99.10	14.48	278.1	333	110.1	32.0	3799	4.58	12.5	.4	2.3	1.3	30.7	1.67	1.54	.37	92	.15	.062	7.2	35.6	.20	1419.1	.010	2	1.61	.005	.13	<.2	.29	72	.4	.15	6.8	.03
99X05118	2.42	23.91	8.94	83.9	332	19.9	7.2	731	2.20	6.3	.3	1.0	1.2	18.8	.97	.92	.26	68	.19	.052	8.8	17.7	.23	604.1	.051	1	.96	.005	.09	<.2	.13	25	<.1	.07	5.3	.02
99X05119	5.12	63.94	10.80	173.0	540	47.2	12.7	698	3.16	12.0	.4	1.7	1.8	23.6	1.04	1.79	.25	90	.23	.066	9.5	29.4	.40	647.3	.033	2	1.67	.006	.07	<.2	.25	59	1.3	.10	6.4	.01
99X05120	2.20	22.33	10.21	149.1	257	26.3	9.7	358	3.23	15.6	.3	1.4	2.0	10.4	.78	1.11	.25	91	.08	.047	9.1	31.3	.34	236.8	.042	1	1.91	.005	.05	.2	.16	48	.4	.06	7.3	.02
99X05121	2.00	21.34	9.89	55.0	67	16.1	6.0	221	2.78	11.0	.4	3.5	1.0	7.5	.20	1.00	.28	73	.04	.031	8.9	18.1	.19	132.8	.070	1	1.04	.005	.06	<.2	.12	55	.5	.06	6.9	.03
99X05122	1.86	51.52	13.49	71.4	106	25.1	12.2	658	3.28	12.7	.5	3.5	.3	12.0	.28	1.04	.34	88	.07	.059	10.5	33.0	.33	174.9	.049	1	1.96	.006	.05	.2	.17	136	1.0	.13	7.3	.06
99X05124	5.29	50.04	9.84	108.2	218	27.4	9.9	1086	2.53	10.8	1.2	5.5	<.1	23.3	1.45	1.54	.41	70	.12	.127	9.4	21.8	.21	511.7	.014	1	1.17	.004	.09	.5	.21	97	1.4	.14	4.9	.08
99X05125	3.98	35.79	10.68	98.4	287	23.1	10.3	593	3.09	12.0	1.0	4.4	<.1	21.5	.61	1.49	.26	63	.08	.095	9.6	26.1	.32	413.3	.030	1	1.32	.007	.13	.2	.16	79	.6	.10	4.9	.11
99X05126	7.49	49.51	12.76	174.3	362	33.9	9.9	533	3.50	14.6	2.2	5.1	<.1	24.4	1.45	3.52	.61	108	.07	.113	9.6	32.2	.28	472.4	.018	3	1.46	.007	.13	.9	.42	131	1.8	.10	5.9	.11
99X05127	24.58	139.17	12.21	591.6	2792	100.9	6.2	268	2.62	37.6	9.1	9.7	<.1	46.2	5.53	19.21	.27	351	.11	.114	9.6	44.0	.15	1001.7	.008	3	.92	.004	.12	.4	1.01	869	8.5	.24	3.4	.17
99X05128	13.67	81.40	20.38	234.5	699	85.1	26.0	1333	4.38	18.8	2.3	12.7	.6	49.5	2.44	3.59	.37	82	.08	.087	11.7	30.5	.27	953.2	.024	3	1.24	.005	.17	.2	.49	493	3.8	.19	5.6	.11
RE 99X05130	1.97	30.87	8.46	60.8	55	22.0	9.4	638	2.55	11.2	.6	4.6	.2	14.3	.37	1.02	.23	62	.09	.042	10.7	25.8	.32	215.5	.040	1	1.45	.005	.05	.2	.14	188	1.3	.09	5.1	.03
99X05129	4.81	54.93	16.65	54.8	310	14.6	5.2	564	2.78	18.2	.7	4.1	.1	25.5	.16	2.50	.40	99	.04	.058	8.3	29.7	.09	478.2	.036	2	.79	.003	.09	<.2	.21	290	2.9	.15	7.1	.04
99X05130	1.83	31.06	8.33	62.8	50	22.6	9.5	661	2.65	11.1	.5	10.9	.9	14.5	.34	.91	.21	65	.10	.042	10.7	24.6	.33	221.8	.042	1	1.51	.006	.06	.2	.14	213	.6	.07	5.1	.03
99X05131	7.37	81.77	9.67	210.7	875	48.6	12.4	1121	2.59	11.6	1.1	16.1	.5	57.1	1.77	2.70	.16	73	.26	.137	12.4	21.5	.30	676.9	.028	2	1.14	.005	.08	.2	.42	531	2.5	.10	3.4	.03
99X05132	4.30	42.76	12.01	65.6	265	26.2	9.8	441	2.38	15.1	.8	12.6	2.0	23.9	.36	1.89	.23	67	.11	.062	9.2	28.9	.37	358.3	.036	1	1.44	.005	.08	.2	.23	354	1.5	.13	4.4	.06
99X05133	1.48	16.15	11.47	45.6	107	16.7	8.2	292	3.17	12.1	.4	3.1	2.1	7.2	.34	.93	.25	81	.07	.045	9.2	29.3	.29	173.0	.051	1	2.09	.006	.04	.2	.12	42	1.2	.06	6.9	.02
99X05134	3.24	53.66	11.05	178.7	260	48.2	15.3	591	3.20	17.4	1.3	14.5	.6	60.2	1.33	1.71	.25	73	.15	.082	10.1	27.8	.37	618.6	.029	2	1.41	.006	.10	<.2	.21	125	2.1	.09	5.1	.06
99X05135	3.55	40.44	9.79	82.4	262	22.6	8.1	231	2.43	7.7	1.0	5.1	<.1	21.1	.59	1.24	.18	65	.45	.114	10.2	22.0	.39	605.6	.016	3	1.33	.006	.11	<.2	.22	161	1.4	.05	5.0	.07
99X05136	4.38	74.11	11.07	138.3	257	32.1	11.9	367	2.86	12.3	1.1	11.6	2.1	31.8	.59	2.32	.20	80	.21	.097	10.1	28.7	.54	332.9	.042	2	1.54	.008	.10	<.2	.27	130	3.0	.08	5.2	.04
99X05137	8.18	232.18	11.08	232.9	269	60.7	10.9	322	3.29	11.5	1.2	48.1	4.6	19.0	.39	2.87	.24	92	.14	.074	12.1	34.9	.66	390.9	.012	3	1.96	.004	.16	<.2	.33	208	4.8	.12	5.5	.02
99X05138	3.28	64.63	10.27	195.7	166	48.5	13.4	446	2.95	10.8	.7	31.0	3.5	7.4	1.59	1.78	.19	62	.05	.035	9.4	28.3	.41	165.3	.037	1	1.66	.004	.07	<.2	.19	116	.9	.04	4.2	.01
99X05139	19.70	58.26	14.91	187.6	94	51.4	17.9	498	4.05	19.0	2.0	8.7	2.7	71.7	1.00	5.09	.21	71	.13	.108	11.8	29.1	.46	461.6	.031	2	2.06	.009	.18	<.2	.48	269	2.3	.08	5.4	.14
99X05140	4.12	91.64	15.19	154.4	121	40.4	15.7	1149	2.79	10.1	.8	21.5	3.4	15.7	.52	2.12	.21	52	.20	.101	8.5	23.2	.44	298.8	.020	1	1.42	.003	.10	<.2	.19	72	1.0	.07	3.2	<.01
STANDARD DS2	13.70	127.15	27.34	161.2	254	37.2	12.8	794	3.10	61.6	18.9	204.4	2.5	23.4	11.26	9.61	10.52	81	.54	.080	12.7	160.8	.60	139.7	.117	1	1.74	.036	.16	7.1	2.08	234	2.5	1.88	5.8	.03

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data A FA ____

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99X05141	10.27	163.12	16.76	294.9	286	72.3	22.7	1372	3.89	15.6	2.8	10.0	11.5	98.1	1.49	4.74	.29	109	.39	.216	15.1	31.0	.50	686.9	.016	5	1.80	.008	.31	.2	.58	115	3.2	.15	5.3	.12
99X05142	2.45	38.22	19.87	95.4	130	26.5	15.3	1151	3.30	25.5	.9	4.4	4.1	15.0	.40	2.50	.36	76	.15	.112	11.5	31.6	.49	390.1	.061	2	1.73	.006	.15	.3	.23	73	.2	.07	6.5	.01
99X05143	1.27	34.43	15.03	104.6	62	27.4	10.8	516	2.47	17.6	.8	6.2	4.1	16.9	.53	2.14	.26	42	.18	.078	12.4	20.3	.30	212.5	.035	2	.96	.003	.09	.2	.15	76	<.1	.05	3.3	<.01
99X05144	2.06	46.43	20.03	169.3	39	41.5	16.0	733	3.41	23.0	.9	4.3	6.5	14.3	.75	2.36	.31	52	.20	.093	13.3	26.7	.36	288.4	.058	2	1.17	.005	.10	.2	.21	53	.9	.05	4.0	<.01
99X05145	3.28	122.64	24.72	276.8	289	129.3	39.9	1247	4.96	18.9	1.0	11.4	4.7	12.9	1.11	2.30	.42	54	.06	.059	10.8	32.0	.35	301.3	.021	2	1.88	.005	.08	.2	.15	105	.6	.17	5.0	.02
99X05146	1.79	35.32	10.23	88.3	145	30.1	12.5	480	2.60	11.7	.9	6.7	3.3	24.7	.44	1.19	.21	66	.25	.064	12.8	31.4	.51	517.1	.046	1	1.62	.007	.07	.2	.12	93	.7	.06	5.3	.02
99X05147	2.10	36.07	9.81	111.4	173	29.3	11.4	304	2.52	9.9	1.0	7.4	4.2	31.3	.42	1.29	.24	77	.26	.071	11.3	33.2	.63	410.9	.054	2	1.89	.010	.09	.2	.16	157	1.0	.05	6.1	.01
99X06093	.89	19.15	7.07	52.7	45	18.3	6.6	168	2.09	8.7	.5	1.7	.6	14.1	.27	.73	.15	45	.20	.065	9.7	24.4	.40	168.8	.034	1	1.27	.007	.04	.2	.07	40	.7	.05	4.0	.01
99X06094	1.49	30.54	9.25	77.7	141	26.5	9.9	282	2.75	12.0	.7	3.6	.9	21.9	.24	1.15	.41	66	.27	.066	12.0	35.8	.60	357.0	.047	1	1.78	.012	.06	.6	.13	61	.8	.09	5.8	.02
99X06095	1.35	34.69	8.96	89.8	98	33.5	11.0	433	2.65	13.7	.5	3.4	3.7	27.5	.37	1.47	.57	56	.44	.083	13.5	32.9	.60	500.2	.077	2	1.36	.020	.07	1.2	.14	38	.1	.06	4.2	<.01
RE 99X06095	1.42	33.95	10.00	87.1	100	31.9	10.7	423	2.58	13.4	.5	3.9	4.2	26.5	.40	1.35	.22	53	.42	.082	12.5	30.0	.58	487.1	.072	2	1.30	.020	.06	.5	.10	42	.1	.06	3.9	<.01
99X06096	1.11	30.67	9.35	81.0	106	26.9	11.8	527	2.43	11.6	.5	4.7	4.6	25.8	.40	1.32	.21	50	.44	.085	12.8	25.2	.54	392.2	.069	2	1.25	.017	.06	.4	.09	45	.5	.07	4.0	.01
99X06097	1.17	26.69	9.92	72.1	114	24.0	10.9	338	2.38	12.8	.5	5.5	3.4	32.3	.39	1.18	.19	54	.59	.082	13.0	25.6	.48	320.1	.059	2	1.24	.015	.07	.6	.09	58	.4	.06	4.2	.02
99X06098	1.22	35.62	10.30	91.8	150	34.1	13.1	452	2.50	8.8	.9	3.6	4.7	32.2	.55	1.56	.22	54	.50	.085	12.6	31.2	.60	501.4	.074	1	1.36	.020	.08	.3	.10	46	.4	.07	4.4	.01
99X06099	.29	22.16	7.03	65.4	95	19.2	7.2	110	1.19	2.4	1.0	2.1	3.1	36.1	.29	.52	.12	31	.76	.056	9.7	22.8	.43	319.0	.024	2	1.16	.008	.05	.2	.08	83	1.3	.02	3.6	.12
99X06100	1.16	26.55	10.05	61.3	92	24.1	13.3	483	2.41	10.6	.9	2.6	3.7	31.6	.15	.95	.21	54	.48	.054	12.8	28.5	.52	474.5	.050	1	1.62	.012	.05	.2	.09	63	.5	.09	5.2	<.01
99X06101	1.36	30.43	10.74	72.5	42	24.0	10.1	256	2.40	8.6	.9	3.9	4.1	18.4	.17	1.09	.21	52	.19	.041	14.4	29.7	.54	393.1	.050	1	1.70	.009	.06	.2	.10	76	.4	.05	5.1	<.01
99X06102	1.47	33.86	10.48	61.9	56	22.3	11.9	854	2.47	12.9	.9	8.3	1.9	25.0	.21	1.28	.19	52	.18	.065	10.8	23.6	.42	206.5	.036	1	1.38	.007	.05	.2	.15	230	.4	.05	4.1	.03
99X06103	1.13	20.24	9.16	51.6	16	20.3	8.4	222	2.65	13.5	.5	3.6	3.0	10.6	.13	.94	.19	56	.13	.047	9.5	27.0	.41	126.8	.042	1	1.65	.006	.04	.2	.09	43	.9	.04	5.0	.01
99X06104	1.15	24.94	8.71	57.4	47	21.1	10.2	282	2.34	11.2	.8	3.4	2.9	16.7	.14	.93	.19	52	.20	.058	13.4	31.3	.47	230.1	.053	1	1.69	.009	.04	.2	.10	55	.7	.04	4.9	.01
99X06105	1.10	25.77	8.88	71.9	84	22.4	9.4	266	2.30	12.0	.6	4.2	1.5	19.6	.22	1.06	.19	50	.25	.068	13.4	26.9	.49	286.4	.052	1	1.47	.010	.05	.2	.09	49	.9	.05	4.6	.01
99X06106	.62	16.40	7.20	57.2	71	19.5	7.6	127	1.96	7.6	.5	4.0	1.3	17.1	.19	.66	.15	42	.27	.069	10.6	20.0	.40	209.4	.040	1	1.23	.008	.05	.2	.08	40	1.0	.04	3.6	.02
99X06107	.97	27.89	8.18	71.1	54	24.8	10.5	294	2.21	9.8	.5	4.5	2.8	20.5	.21	1.05	.16	47	.29	.073	14.2	27.9	.51	309.5	.058	1	1.40	.010	.05	.2	.08	41	1.0	.05	4.2	.01
99X06108	.82	19.41	6.34	55.5	26	20.1	7.0	206	2.03	9.3	.4	3.5	1.6	15.9	.17	.85	.12	42	.25	.068	10.8	21.5	.43	139.6	.052	1	1.18	.008	.04	.2	.06	23	.8	.04	3.5	.01
99X06109	.84	20.48	6.83	58.3	61	19.8	8.0	236	2.07	8.5	.5	2.3	1.3	16.3	.18	.76	.14	42	.24	.068	12.0	23.4	.43	179.4	.045	1	1.28	.007	.04	.2	.07	30	.8	.02	3.8	<.01
99X06110	1.17	25.05	9.78	65.6	147	21.3	7.5	152	2.14	8.3	.7	4.2	<.1	16.2	.31	.89	.21	51	.18	.058	10.8	29.3	.44	317.4	.029	1	1.71	.008	.05	<.2	.11	62	.9	.05	5.6	.02
99X06111	1.34	30.24	7.67	63.2	80	21.6	9.8	375	2.14	8.7	.8	8.1	2.1	16.7	.27	.90	.18	50	.19	.062	12.8	25.7	.43	243.7	.051	1	1.41	.008	.05	.2	.09	57	.7	.06	4.1	<.01
99X06112	1.50	24.88	9.16	64.1	124	22.8	8.8	246	2.49	11.7	.5	4.1	2.5	18.8	.19	1.06	.22	64	.19	.033	11.0	30.8	.47	302.9	.063	1	1.69	.013	.05	.2	.10	66	.6	.06	6.0	.01
99X06113	2.20	24.29	8.16	83.9	162	24.0	7.4	176	2.32	12.2	.6	4.6	2.1	24.4	.41	1.65	.19	63	.30	.051	10.3	28.0	.44	280.3	.046	1	1.39	.010	.05	.2	.13	123	.8	.03	4.4	.02
99X06114	1.91	24.12	10.96	76.3	175	29.2	12.0	307	3.14	13.3	.4	3.1	3.2	17.0	.15	1.07	.22	88	.17	.025	9.3	43.7	.70	453.1	.055	1	2.48	.008	.05	<.2	.13	31	.7	.07	7.2	.01
99X06115	1.21	26.68	8.79	61.3	64	26.5	9.5	224	2.64	11.9	.4	4.5	3.6	16.2	.09	1.08	.18	64	.20	.033	10.1	33.8	.56	297.1	.055	1	1.84	.009	.05	.2	.10	26	.4	.05	5.1	<.01
99X06116	1.33	15.09	9.67	52.3	80	13.9	6.1	136	2.69	13.8	.4	4.4	2.9	7.5	.22	.88	.20	73	.08	.031	8.7	26.9	.31	131.4	.039	1	1.74	.006	.04	.2	.12	40	.4	.05	6.1	.01
99X06117	1.46	28.52	7.36	74.6	83	22.5	10.3	309	2.30	8.8	.7	4.8	2.6	16.3	.22	1.02	.16	52	.21	.060	10.9	27.3	.52	350.3	.047	1	1.40	.008	.06	.2	.10	50	.8	.04	4.3	<.01
99X06118	1.48	25.63	8.75	69.7	82	22.3	10.2	245	2.42	10.9	.8	5.8	3.8	16.1	.24	.97	.19	58	.16	.050	10.7	29.8	.46	344.8	.038	1	1.64	.006	.06	.2	.12	58	.6	.07	5.1	.01
STANDARD DS2	14.17	127.14	28.12	161.6	264	37.5	13.2	800	3.11	62.6	16.9	199.7	3.1	25.9	11.50	9.93	11.23	81	.55	.080	12.4	162.9	.61	141.3	.114	2	1.76	.037	.16	7.2	2.15	265	2.9	1.99	6.3	.02

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99X06119	.89	17.93	10.69	52.7	65	18.2	7.1	181	1.98	6.3	.8	2.0	6.0	15.6	.16	.76	.20	38	.18	.032	10.9	23.1	.43	373.5	.025	2	1.31	.007	.05	.4	.07	53	.1	<.02	4.2	.01
99X06120	1.19	21.79	12.11	71.4	33	23.6	10.7	348	2.57	9.3	.5	3.8	6.1	16.5	.18	.88	.25	48	.19	.041	10.4	25.0	.45	409.3	.026	2	1.50	.006	.07	.2	.09	38	.1	.04	5.0	<.01
99X06121	2.09	32.58	10.06	101.1	141	29.8	8.8	289	2.59	11.2	.8	6.5	4.9	27.3	.33	1.63	.20	61	.28	.051	12.5	30.4	.52	445.5	.061	2	1.43	.013	.06	.3	.12	93	.5	.03	4.3	.01
99X06122	3.25	35.82	9.35	167.3	138	36.8	11.1	279	2.84	14.0	.8	6.6	4.9	25.9	.52	2.83	.21	77	.17	.026	11.1	36.3	.56	420.2	.074	2	1.66	.011	.06	.2	.19	230	.6	.05	4.9	.01
99X06123	1.42	29.85	10.59	62.6	101	26.3	9.1	338	2.53	13.1	.5	2.9	4.1	22.1	.20	1.25	.20	58	.22	.040	11.8	30.6	.48	400.6	.054	1	1.48	.010	.05	.3	.10	85	.1	.05	4.5	<.01
99X06124	1.43	23.37	11.28	71.3	20	29.9	11.2	336	3.23	15.7	.6	2.0	5.6	11.4	.22	1.10	.24	77	.09	.021	10.8	38.6	.54	313.1	.069	1	2.53	.007	.05	.2	.13	29	.4	.05	6.6	<.01
99X06125	1.46	38.89	10.63	74.0	19	33.8	11.8	432	3.03	14.6	.6	3.5	4.6	29.1	.11	1.32	.23	73	.27	.032	15.5	38.8	.68	513.4	.083	1	2.07	.014	.06	.2	.10	51	<.1	.04	6.0	<.01
99X06126	1.06	24.72	8.32	60.7	51	21.9	7.8	253	2.30	10.8	.6	4.3	1.7	18.4	.18	.87	.17	53	.23	.066	12.5	25.2	.45	253.0	.046	1	1.51	.008	.05	.2	.10	54	.5	.03	4.7	<.01
99X06127	1.29	25.76	7.84	63.8	94	21.3	8.4	269	2.20	10.0	.5	3.2	2.7	17.2	.23	.99	.17	49	.21	.057	11.9	25.9	.45	231.7	.051	1	1.45	.007	.04	.3	.08	46	.4	.03	4.6	.01
99X06128	1.26	28.15	8.40	75.0	93	23.9	9.3	275	2.45	11.0	.6	6.1	2.3	21.1	.25	1.14	.19	54	.28	.073	14.1	30.0	.49	342.4	.058	1	1.45	.010	.05	.3	.10	52	.6	.02	4.4	.01
99X06129	1.20	24.96	9.17	66.1	82	23.5	9.0	257	2.43	11.2	.6	2.9	2.1	23.3	.18	1.03	.19	55	.31	.059	13.6	28.9	.49	407.8	.051	1	1.59	.010	.05	.3	.10	62	.3	.07	4.9	.02
99X06130	1.07	24.31	9.07	65.9	50	22.4	9.4	346	2.48	10.8	.6	5.2	2.8	18.4	.18	.93	.42	58	.21	.051	13.4	27.6	.46	320.4	.047	1	1.72	.009	.05	.6	.12	45	.4	.12	5.5	.01
99X06131	.81	14.21	10.07	48.1	90	16.0	5.2	107	1.52	4.8	.6	4.2	2.6	34.3	.06	.80	.20	37	.36	.042	9.2	22.8	.46	272.0	.035	1	1.39	.008	.04	.3	.13	131	.4	.05	4.7	.03
99X06140	.81	22.14	9.42	63.2	81	27.1	10.9	366	2.69	10.9	.5	5.6	4.9	18.1	.21	.80	.18	52	.25	.034	14.2	28.7	.64	493.9	.029	1	1.81	.008	.05	.2	.09	43	.5	.04	4.8	.01
99X06141	.29	17.50	8.76	59.3	88	23.3	9.1	313	2.38	5.5	.3	2.8	3.7	52.0	.18	.46	.57	31	1.11	.065	20.0	26.3	.69	492.7	.016	3	1.44	.009	.08	1.1	.10	54	.2	.04	4.4	.02
99X06142	1.28	33.74	11.41	77.2	128	24.5	12.5	467	2.56	6.8	.7	5.3	3.1	34.7	.32	.81	.22	40	.74	.041	17.0	23.7	.57	519.6	.011	2	1.42	.006	.07	.2	.12	79	.4	.07	4.7	.02
99X06143	1.19	23.73	9.18	68.0	156	23.9	10.1	344	2.52	8.4	.9	7.6	3.7	18.2	.36	.82	.21	58	.21	.055	16.9	30.5	.76	668.0	.023	2	1.92	.006	.08	.2	.15	79	.2	.05	6.0	.01
RE 99X06156	1.33	31.55	9.71	85.0	105	30.2	10.5	363	2.81	13.2	.6	4.4	2.2	25.0	.23	1.28	.22	66	.33	.066	13.8	33.6	.61	382.0	.061	1	1.69	.014	.06	.3	.10	46	.4	.08	5.1	<.01
99X06144	1.86	29.85	9.05	83.0	315	23.9	11.7	517	2.14	5.7	.9	8.8	3.5	28.7	.51	.98	.20	51	.43	.072	15.8	28.1	.72	649.7	.014	3	1.68	.007	.12	.2	.22	130	.7	.05	6.0	.04
99X06145	3.92	48.89	13.22	148.8	198	29.1	11.8	2059	3.12	10.6	.6	2.4	<.1	27.8	1.35	1.77	.31	83	.17	.119	8.6	21.1	.23	713.0	.028	3	1.01	.005	.13	<.2	.18	53	1.0	.13	6.0	.04
99X06146	7.85	78.51	17.76	209.5	329	45.5	16.1	549	4.08	17.0	1.4	3.6	2.8	64.0	1.19	2.72	.30	96	.14	.148	9.8	27.7	.31	756.7	.018	4	1.33	.005	.25	<.2	.36	109	1.7	.12	5.7	.10
99X06147	8.31	133.56	24.96	207.1	545	78.5	25.4	1513	5.94	34.0	1.2	2.9	2.5	42.9	.78	3.80	.56	105	.09	.074	8.4	41.7	.19	1370.0	.006	3	1.60	.003	.14	<.2	.32	159	3.2	.38	6.6	.08
99X06148	9.03	159.35	13.61	269.0	1031	63.1	15.6	775	3.18	11.0	1.3	13.9	.6	52.7	2.40	3.71	.28	85	.50	.171	8.0	25.0	.19	931.5	.007	3	1.00	.004	.13	<.2	.31	543	5.0	.19	4.2	.07
99X06149	2.51	66.41	12.99	96.8	172	34.8	16.0	421	3.21	14.0	.9	12.0	4.1	17.9	.49	1.95	.29	85	.10	.053	10.5	36.6	.42	332.4	.035	2	2.09	.006	.08	.2	.22	178	2.2	.13	5.8	.01
99X06150	1.47	16.84	11.59	84.8	131	18.3	10.5	549	3.25	11.6	.3	2.5	1.2	10.2	.33	.86	.29	89	.08	.049	9.4	28.7	.32	314.4	.046	1	1.71	.006	.05	.2	.15	42	.4	.08	7.9	.02
99X06151	2.67	50.31	12.78	88.9	131	24.9	15.5	676	3.55	15.0	.4	1.8	2.3	21.9	.29	1.49	.30	96	.07	.047	9.5	34.8	.36	323.2	.042	1	1.90	.005	.07	.2	.23	275	.8	.12	7.5	.01
99X06152	2.41	43.79	9.75	94.3	226	34.5	10.8	504	3.03	13.3	.6	8.0	2.7	21.2	.28	1.20	.21	68	.09	.057	10.2	31.3	.48	342.4	.052	1	1.82	.005	.07	<.2	.31	123	.9	.11	5.5	.02
99X06153	15.56	278.92	15.18	291.3	223	61.4	13.6	442	4.08	16.8	2.0	49.3	4.5	65.2	.88	4.43	.29	96	.39	.195	16.6	44.3	.82	248.0	.008	3	1.93	.005	.18	<.2	.29	218	5.3	.25	5.6	.03
99X06154	.90	19.88	8.29	63.0	102	20.5	12.8	432	2.49	12.1	.8	4.5	1.1	18.6	.21	.81	.16	51	.25	.074	13.3	23.8	.43	253.6	.043	1	1.38	.009	.04	.2	.10	47	1.0	.06	4.2	.01
99X06155	1.15	23.69	8.24	66.9	89	21.9	9.3	242	2.23	10.1	.6	2.2	.3	20.0	.28	.96	.17	50	.26	.071	14.0	26.3	.46	291.7	.045	2	1.36	.009	.05	.3	.09	37	1.0	.05	4.2	.01
99X06156	1.30	31.65	9.18	84.2	101	29.9	11.0	356	2.78	12.7	.6	3.6	2.3	25.0	.23	1.23	.20	66	.33	.065	13.8	34.5	.59	368.8	.062	1	1.63	.014	.06	.2	.10	44	.8	.03	5.0	.01
99X06157	1.06	29.96	8.49	72.3	88	26.6	9.5	314	2.37	11.0	.6	2.6	2.5	24.1	.23	1.09	.19	54	.32	.063	13.7	28.7	.52	412.2	.059	1	1.38	.013	.05	.3	.08	45	.7	.06	4.3	.02
99X06158	1.03	20.12	7.90	63.7	78	21.2	7.4	163	2.20	10.0	.5	2.4	.9	19.3	.24	.83	.16	52	.26	.060	10.9	27.1	.46	236.4	.043	1	1.37	.010	.05	.2	.09	42	.5	.06	4.2	.01
99X06159	.96	21.09	7.17	64.3	79	20.7	7.4	165	2.18	8.2	.4	2.1	.6	18.6	.21	.86	.15	52	.26	.061	11.6	24.5	.42	255.4	.045	1	1.25	.010	.05	.2	.08	38	.6	.05	3.9	.02
STANDARD DS2	14.62	127.75	27.35	162.3	258	37.6	12.4	806	3.13	61.9	16.5	194.6	3.2	26.7	11.27	9.92	10.74	81	.55	.081	12.9	163.9	.61	140.6	.113	2	1.74	.038	.16	7.3	2.11	238	2.5	1.84	6.2	.02

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data A FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99X06160	1.03	14.26	6.80	47.1	82	15.6	9.2	571	1.95	9.2	.5	7.7	1.1	31.3	.25	.65	.13	37	.50	.080	10.2	20.9	.35	281.3	.034	1	1.01	.009	.04	.5	.07	55	.3	<.02	3.2	.03
99X06161	2.11	23.24	10.14	97.0	86	26.6	27.6	2086	3.22	14.0	.7	3.1	2.4	26.0	.31	1.19	.24	60	.29	.082	11.2	32.3	.56	417.1	.048	1	1.61	.014	.06	.2	.12	62	.6	.02	4.8	.03
99X06162	1.25	19.72	8.08	72.9	93	19.5	8.7	299	2.08	5.9	.7	6.3	.9	23.5	.35	.90	.19	50	.29	.075	11.9	25.6	.46	352.7	.039	2	1.32	.011	.05	.4	.11	60	.3	.04	4.2	.02
99X06163	1.91	15.04	9.77	66.7	99	15.8	9.0	347	2.23	4.0	.6	5.4	.1	15.0	.24	.80	.19	57	.17	.074	9.9	21.6	.40	218.4	.023	1	1.35	.007	.05	.5	.13	66	.3	<.02	4.5	.03
99X06164	1.79	20.22	9.82	84.4	130	20.7	10.7	399	2.46	4.0	.7	18.6	1.3	19.9	.35	1.16	.19	59	.22	.076	11.7	24.6	.45	303.1	.031	2	1.44	.007	.05	.6	.13	72	.5	.04	4.5	.02
RE 99X06164	1.78	20.56	9.94	85.3	136	20.7	10.9	400	2.45	2.7	.7	12.5	1.4	19.8	.37	1.17	.20	59	.22	.075	12.1	26.0	.46	304.6	.032	2	1.48	.006	.06	.6	.14	77	.5	.02	4.6	.01
STANDARD DS2	14.12	127.76	26.97	159.2	270	35.5	12.7	801	3.22	62.0	16.5	203.0	2.8	29.2	11.13	9.70	10.83	75	.56	.085	13.0	166.9	.58	140.4	.116	2	1.73	.038	.16	7.2	2.08	233	2.1	1.87	6.1	.03

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data A FA ___

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 1/#5 File # 9902254 Page 1

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99X10001	1.85	75.95	17.92	146.3	207	66.9	31.4	744	4.67	116.8	4.4	7.1	12.8	45.7	.65	5.95	.74	116	.57	.138	23.5	30.7	1.04	482.7	.186	2	1.91	.034	.29	1.1	.32	53	.6	.07	6.6	.01
99X10002	3.30	80.49	18.49	170.4	210	79.0	25.5	505	5.68	92.9	5.2	4.3	11.7	59.3	.91	5.50	.89	107	.43	.150	20.1	50.8	.78	749.2	.127	2	2.18	.042	.22	1.3	.26	38	1.4	.07	6.2	.14
99X10003	1.75	31.93	11.78	74.8	242	30.0	11.7	379	3.06	21.3	1.6	5.2	4.3	15.4	.62	1.58	.34	68	.11	.065	13.0	35.7	.47	261.5	.048	1	2.14	.010	.05	.2	.15	77	1.1	.03	6.0	.03
99X10004	3.17	64.54	14.60	208.6	166	77.6	21.2	614	4.31	57.7	2.6	6.3	6.0	31.6	1.15	3.97	.62	86	.25	.113	14.0	40.1	.61	385.3	.091	1	1.86	.023	.11	.5	.17	32	2.4	.04	5.0	.08
99X10005	2.82	54.11	14.03	133.5	133	47.3	15.5	573	3.86	47.8	2.3	5.2	3.2	17.1	.65	2.92	1.03	92	.20	.089	14.4	33.8	.52	222.8	.077	1	2.00	.012	.08	.5	.17	61	1.9	.07	6.3	.04
99X10006	1.39	44.26	16.06	101.8	150	37.2	15.9	463	3.96	68.0	2.5	5.4	4.2	21.4	.40	3.23	.62	93	.25	.084	15.5	29.3	.66	462.7	.111	1	2.03	.020	.13	.6	.23	53	1.1	.05	6.5	.05
99X10007	1.22	35.50	18.29	83.8	164	31.5	17.8	670	3.28	92.3	2.8	13.7	3.7	21.0	.31	4.49	.78	84	.22	.079	15.6	39.2	.66	346.2	.096	1	2.20	.012	.12	1.0	.29	65	.7	.11	7.0	.02
99X10010	1.00	47.75	17.53	89.9	170	47.4	16.6	602	3.40	87.6	2.2	4.1	4.1	25.9	.31	9.06	1.25	85	.33	.077	16.5	51.2	.77	871.1	.114	1	1.97	.017	.16	.7	.38	54	.6	.04	6.4	.02
99X10011	1.39	64.91	23.38	91.7	158	38.9	21.1	606	4.27	182.4	3.4	5.6	8.2	37.3	.54	8.92	1.11	98	.45	.118	23.3	44.5	.82	438.0	.141	1	2.21	.019	.21	1.1	.38	50	.5	.08	7.2	.04
99X10012	1.31	102.65	32.99	89.9	242	46.1	19.5	569	4.04	249.5	7.4	11.0	11.1	45.5	.35	11.55	1.68	102	.51	.112	25.2	48.2	.93	436.3	.179	1	2.35	.028	.27	1.5	.58	150	.5	.08	7.6	.02
99X10013	1.09	99.28	31.10	95.1	165	38.0	19.3	570	3.93	305.0	5.0	6.0	15.3	32.2	.47	7.29	1.71	117	.43	.122	23.4	57.1	1.14	636.0	.225	4	2.52	.032	.40	1.9	.69	38	.3	.08	7.6	.02
99X10014	.99	45.20	14.53	62.4	131	24.8	10.8	365	2.54	81.2	2.2	7.4	6.5	28.8	.36	3.92	1.05	73	.38	.108	18.1	34.1	.63	314.8	.125	1	1.60	.021	.15	1.3	.28	42	.7	.04	5.0	.01
99X10015	1.99	36.86	17.39	76.4	119	27.6	10.7	444	3.13	131.6	2.8	4.5	2.7	17.7	.30	2.28	.57	79	.17	.065	14.3	34.9	.70	238.5	.081	1	2.19	.010	.09	.7	.23	55	.7	.04	7.1	.04
99X10016	2.46	30.73	24.50	67.4	158	21.0	11.7	783	2.86	185.3	4.1	2.7	1.0	19.9	.29	2.11	.61	70	.17	.078	13.4	29.0	.51	160.4	.053	1	1.99	.009	.08	1.5	.24	58	.8	.07	7.4	.06
RE 99X10016	2.63	29.81	22.93	66.3	156	20.9	11.1	711	2.84	181.1	4.1	4.4	1.1	20.2	.28	2.16	.53	69	.17	.077	13.7	31.4	.50	157.6	.055	2	1.97	.009	.08	.9	.22	61	.8	.07	7.1	.06
99X10017	3.13	21.77	23.35	59.5	89	16.5	7.6	399	2.83	134.2	2.8	6.7	.9	15.4	.29	1.95	.56	92	.11	.075	12.3	33.5	.37	109.5	.072	1	1.88	.008	.07	.8	.23	78	.8	.08	9.1	.06
99X10018	1.69	21.27	22.17	67.2	52	19.5	9.8	513	2.86	111.2	2.4	4.0	1.5	14.1	.35	1.85	.38	69	.12	.061	15.3	32.1	.47	108.1	.072	1	2.21	.008	.07	.7	.21	64	.7	.05	7.0	.03
99X10019	3.26	53.51	27.91	91.6	383	31.9	14.0	479	3.73	361.4	8.7	9.4	5.0	19.9	.25	3.54	1.16	94	.19	.100	22.4	48.6	.81	268.4	.083	2	2.64	.011	.10	1.2	.30	93	.6	.07	8.3	.02
99X10020	1.45	44.14	20.65	76.3	118	29.4	13.5	480	3.24	138.0	5.0	5.6	7.0	17.6	.19	2.36	.64	77	.22	.078	21.1	39.1	.74	205.0	.090	2	2.37	.011	.09	.7	.26	60	.6	.05	6.4	.01
99X10021	1.59	23.69	19.84	64.3	69	22.0	9.8	385	2.75	146.8	1.9	5.4	2.3	12.7	.26	1.84	.35	69	.13	.068	14.2	30.3	.47	123.3	.079	1	2.23	.009	.06	.9	.20	90	.8	.05	6.3	.03
99X10022	1.77	25.37	25.53	67.6	29	22.3	10.7	424	2.96	259.0	2.7	6.1	4.5	21.3	.28	2.42	.80	79	.18	.071	16.3	37.3	.54	156.6	.093	2	2.18	.011	.08	1.2	.24	47	.7	.06	7.3	.02
99X10023	1.29	73.24	19.98	85.7	155	35.2	13.6	449	3.61	67.6	1.6	4.9	1.3	27.5	.60	7.05	.76	107	.36	.096	14.9	40.8	.99	433.5	.124	2	2.36	.017	.15	.6	.52	49	.4	.05	7.9	.04
99X10024	1.38	73.60	19.20	91.6	157	33.9	14.4	507	3.49	41.6	1.1	6.3	2.4	24.2	.53	7.62	.48	102	.37	.095	15.4	33.7	.91	373.7	.131	2	2.20	.015	.17	.6	.54	56	.4	.04	7.1	.02
99X10025	1.68	123.89	17.99	88.5	310	32.2	15.9	473	4.03	37.6	1.1	5.0	1.0	24.4	.58	8.17	.48	114	.29	.109	16.2	35.9	.89	379.2	.090	2	2.59	.013	.18	.5	.64	223	.7	.05	8.6	.05
99X10026	1.37	70.95	17.28	60.3	277	25.6	9.4	293	2.96	60.9	1.1	3.8	<.1	15.6	.24	4.68	1.00	88	.16	.084	13.0	32.8	.73	270.6	.071	2	2.24	.015	.11	.4	.46	79	.9	.05	6.9	.06
99X10027	1.56	36.73	13.94	70.5	56	23.0	11.3	564	3.25	40.1	.9	2.4	<.1	14.0	.32	2.41	.55	103	.15	.078	12.4	37.3	.73	280.2	.078	1	2.60	.012	.12	.2	.41	44	.8	.03	9.0	.03
99X10028	1.15	189.05	17.23	75.4	186	67.9	40.7	715	5.26	509.4	1.7	27.5	3.6	70.0	.50	7.53	2.51	175	.76	.125	19.3	64.8	2.37	2022.6	.217	2	2.94	.066	.49	.6	.84	57	.5	.25	9.6	.02
99X10037	11.18	163.79	1014.21	1402.1	12253	37.2	49.3	4168	6.72	6214.5	11.6	176.2	30.2	74.4	13.67	525.46	42.80	52	3.27	.135	29.1	13.2	1.50	162.1	.008	5	.90	.008	.12	1.7	.93	915	.5	.28	2.9	.03
99X10038	.98	6.95	38.63	58.4	264	6.1	10.4	589	2.51	1336.7	4.3	32.0	64.8	40.4	.39	5.43	1.87	84	1.96	.154	40.4	30.8	.25	57.3	.003	5	1.27	.005	.06	.5	.13	860	<.1	.08	4.6	<.01
99X10040	17.90	13.78	25.54	82.0	171	56.4	206.5	1648	4.90	7993.9	6.1	418.9	59.9	34.5	.30	11.63	5.20	120	1.42	.184	84.3	45.6	.26	66.6	.003	2	1.31	.004	.08	1.2	.31	781	.2	.87	4.8	<.01
99X10046	.24	205.36	45.56	50.6	519	8.5	5.5	259	3.93	82.5	3.4	5.8	18.8	56.8	.15	37.15	1.29	26	.28	.158	33.6	18.0	.05	366.0	.003	2	.98	.012	.23	1.3	.28	2541	2.1	.07	2.1	.42
99X10048	1.57	33.85	50.70	180.3	122	30.0	13.8	679	3.05	84.3	1.0	13.1	2.7	14.2	.75	5.40	.87	63	.19	.076	15.7	31.5	.58	154.5	.042	2	1.70	.010	.07	.5	.25	102	.7	.06	5.6	.01
99X10049	1.70	48.17	39.19	149.5	356	38.2	14.2	603	2.96	17.5	.8	6.4	4.8	27.5	1.16	4.89	.39	54	.37	.100	17.7	33.7	.61	206.0	.056	1	1.14	.011	.06	.2	.15	105	.7	.04	3.6	<.01
99X10050	3.14	49.15	53.94	154.4	287	34.7	14.7	793	3.54	22.3	.9	4.9	.8	22.9	.61	5.66	.43	73	.33	.102	18.4	40.6	.49	324.4	.014	2	1.49	.008	.06	.2	.26	121	.8	.05	5.1	.03
STANDARD DS2	13.69	127.62	28.59	161.0	229	37.5	11.2	793	3.12	62.0	18.9	193.8	2.7	27.9	11.65	10.50	11.20	81	.55	.080	12.7	166.0	.63	143.2	.116	3	1.79	.038	.16	6.1	2.03	225	2.5	1.78	5.8	.02

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: SOIL Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 15 1999 **DATE REPORT MAILED:** July 23/99 **SIGNED BY** ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data 1 FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99X10051	2.11	28.92	31.23	136.8	135	27.5	12.8	592	2.91	16.5	1.0	4.2	7.6	15.5	.68	2.90	.30	60	.21	.088	13.7	31.7	.54	166.4	.046	2	1.54	.007	.05	.4	.17	81	.8	.06	5.3	<.01
99X10052	1.93	29.69	27.01	114.6	137	29.5	11.2	379	2.82	12.9	.7	4.4	4.3	22.2	.24	3.18	.27	56	.35	.087	13.1	34.3	.57	197.8	.024	2	1.43	.007	.04	.2	.18	83	.7	.04	4.9	<.01
99X10053	5.80	79.89	80.27	222.0	277	50.6	22.2	982	4.62	23.5	1.0	5.9	2.8	30.9	.64	11.46	.53	96	.49	.152	18.6	52.4	.56	437.4	.011	2	1.32	.006	.07	.3	.37	148	1.0	.06	5.5	.05
99X10054	2.08	52.94	47.56	138.9	502	38.5	14.0	535	3.21	16.6	.9	8.4	3.4	45.7	.79	5.15	.34	53	.85	.093	22.5	36.3	.66	240.0	.024	2	1.30	.011	.06	.3	.19	198	.8	.06	4.3	.04
99X10055	2.41	50.14	118.91	207.6	550	36.8	14.0	621	3.08	15.8	.8	5.1	2.2	36.7	1.19	5.99	.31	52	.83	.106	18.1	33.9	.42	261.1	.014	2	1.10	.008	.06	.2	.22	270	.7	.05	3.8	.04
99X10056	2.17	52.79	46.60	117.8	286	41.9	21.3	589	5.20	14.9	1.0	9.1	5.4	36.0	.38	2.43	.28	39	.84	.085	28.6	26.4	.47	256.4	.027	2	1.25	.008	.07	.2	.28	162	.5	.03	3.6	.01
99X10057	8.22	101.40	74.66	271.1	367	61.7	26.1	1215	5.09	30.8	1.1	8.5	.5	32.5	.88	12.89	.65	117	.38	.185	18.6	67.4	.74	339.9	.013	2	1.43	.006	.07	.3	.41	138	1.5	.09	6.1	.07
99X10058	17.12	205.45	77.67	419.4	1470	60.7	14.5	714	3.39	15.4	2.1	11.9	2.7	72.4	2.89	15.23	.33	272	1.81	.179	19.8	41.3	1.67	358.2	.003	3	1.50	.005	.04	.2	.16	196	1.3	.08	6.6	.06
99X10059	8.73	191.53	84.08	290.1	941	94.0	49.3	1625	7.22	43.4	.7	11.9	1.9	91.0	1.54	12.89	.42	174	1.76	.200	20.9	37.4	1.15	1077.3	.003	3	1.08	.007	.07	<.2	.40	554	2.1	.09	5.8	.11
99X10060	15.80	242.89	947.53	2299.0	3748	76.3	23.1	3697	6.41	365.1	2.4	128.9	5.8	55.8	21.04	40.91	1.06	73	.82	.154	37.1	21.8	.21	163.0	.006	3	.52	.004	.11	.4	.58	2646	3.1	.11	2.6	.15
99X10061	4.36	212.65	58.84	256.4	928	83.3	25.4	951	5.00	26.4	.9	20.7	1.0	22.6	1.56	12.86	.39	62	.12	.098	20.3	26.5	.29	145.8	.017	1	1.20	.005	.08	.3	.53	154	3.1	.09	3.6	.09
99X10062	2.91	88.40	129.99	240.0	877	42.5	20.2	953	5.13	47.1	.9	17.9	.4	24.1	1.34	13.07	.42	71	.16	.112	21.4	27.8	.35	194.1	.023	1	1.28	.007	.07	.3	.34	194	1.6	.08	4.6	.06
99X10063	2.14	36.00	27.89	183.3	122	24.1	25.1	1373	6.12	12.8	.6	4.1	1.2	25.2	.92	3.57	.20	131	.46	.196	26.6	19.7	.68	258.9	.015	2	1.68	.006	.06	.2	.24	140	.5	.04	7.1	.03
99X10064	3.30	46.08	32.51	109.3	116	20.9	10.4	610	3.60	25.4	1.7	5.6	<.1	12.4	.35	5.24	.72	80	.08	.088	12.3	31.6	.35	106.2	.027	2	1.70	.006	.06	1.1	.40	64	1.0	.09	7.7	.05
99X10065	3.15	127.44	28.82	185.7	625	88.6	31.4	1286	6.01	27.6	.9	8.3	1.3	26.2	1.06	13.45	3.62	106	.41	.146	26.7	65.4	.67	487.8	.018	1	1.26	.006	.07	.3	.57	441	1.7	.07	4.5	.04
99X10066	1.92	75.44	14.56	115.6	196	52.1	27.8	1054	5.42	13.9	.6	4.2	.7	21.3	.41	5.22	.34	127	.36	.124	20.5	42.5	.63	795.1	.016	1	1.78	.007	.07	.2	.30	196	.7	.04	6.1	.06
99X10067	2.32	70.90	15.19	100.2	152	43.8	20.4	815	4.72	17.2	.7	3.9	<.1	17.0	.32	4.47	.69	110	.19	.097	17.2	44.1	.70	452.4	.024	1	2.01	.007	.06	.2	.30	80	.8	.05	7.3	.05
99X10068	4.96	115.54	27.77	246.0	603	90.9	22.9	1219	5.32	24.2	.8	8.0	1.2	22.4	1.43	10.70	.63	68	.35	.173	36.1	35.6	.43	325.6	.011	1	1.11	.005	.07	.3	.37	178	1.4	.10	3.7	.04
99X10069	2.17	46.93	17.95	93.0	351	31.4	10.6	369	3.52	25.0	.9	4.9	<.1	19.6	.34	5.33	1.14	71	.23	.094	15.2	36.6	.46	214.8	.018	1	1.74	.006	.06	.9	.43	220	1.3	.04	6.2	.04
RE 99X10069	2.35	45.82	17.97	91.7	343	30.3	10.4	359	3.46	24.5	.9	5.5	<.1	20.3	.33	5.50	1.12	70	.23	.092	15.8	39.0	.47	220.3	.021	1	1.78	.007	.06	.4	.43	227	1.2	.09	6.3	.04
99X10070	2.91	321.42	240.67	320.8	7007	54.1	15.2	2077	8.10	128.2	1.4	10.3	6.5	21.2	1.20	62.14	53.27	72	.39	.115	32.3	37.6	.30	281.0	.004	2	1.08	.004	.09	1.1	.84	1089	1.9	.06	3.7	.06
99X10071	2.40	55.40	23.31	118.0	477	33.6	12.8	473	3.44	20.1	1.6	6.4	1.5	18.2	.55	5.18	1.25	78	.22	.131	25.1	38.8	1.11	252.4	.019	2	2.00	.007	.13	.3	.36	76	.6	.06	7.1	.07
99X10072	2.08	38.13	18.24	88.7	174	22.9	9.0	328	2.69	20.1	1.3	5.1	<.1	13.9	.44	2.95	.87	78	.11	.135	12.3	35.8	.60	174.2	.016	2	1.90	.009	.08	.4	.27	95	.9	.05	6.3	.08
99X11002	2.40	53.72	21.62	99.4	260	40.2	20.6	896	5.12	61.7	4.6	4.8	14.6	49.7	.31	7.36	1.36	106	.69	.124	33.6	50.6	.96	746.7	.142	4	1.81	.036	.15	.6	.34	111	1.3	.05	5.7	.03
99X11003	2.05	106.07	26.24	188.7	411	152.4	43.6	809	5.71	36.9	2.5	5.7	2.2	38.5	1.03	9.63	1.58	119	.67	.069	13.9	101.3	1.83	2999.7	.175	3	2.78	.052	.17	<.2	.27	57	1.7	.13	7.8	.08
99X11004	1.50	107.57	17.15	109.5	178	159.9	47.4	682	6.24	89.9	2.1	11.9	2.9	40.2	.50	5.04	1.71	117	.74	.077	14.2	108.9	1.70	2209.2	.159	3	3.04	.045	.15	.3	.26	63	2.7	.15	8.3	.07
99X11005	1.43	98.72	17.62	106.4	175	135.8	40.9	703	5.70	154.9	1.7	11.8	4.5	26.8	.43	4.22	4.05	97	.35	.082	13.5	84.6	1.40	1800.8	.145	3	2.60	.035	.16	1.5	.31	123	1.8	.18	6.4	.04
99X11006	3.79	65.19	24.61	134.8	306	33.2	14.8	732	4.95	206.6	3.5	11.7	2.6	27.2	1.23	4.59	2.69	115	.20	.108	14.0	42.6	.49	227.2	.072	2	1.85	.013	.11	.5	.28	150	2.4	.15	7.2	.10
99X11007	2.98	56.15	20.37	161.4	228	68.1	22.7	430	4.28	41.0	3.4	9.3	5.0	54.0	1.05	3.07	.61	78	.38	.105	15.9	38.5	.64	288.9	.088	1	2.28	.018	.06	.6	.17	68	1.8	.06	5.3	.07
99X11008	2.97	44.36	31.79	96.1	182	50.9	14.4	269	3.69	28.9	2.8	5.3	3.9	54.2	.77	3.02	.41	95	.32	.060	15.1	46.0	.80	159.6	.162	1	2.20	.018	.07	1.0	.24	70	1.6	.06	8.3	.07
99X11010	1.82	54.56	20.84	66.2	207	41.5	14.8	394	4.19	43.4	2.1	6.6	3.9	29.1	.28	8.52	.74	88	.16	.075	18.8	50.1	.71	222.4	.083	1	2.13	.014	.14	.5	.52	68	.9	.04	7.3	.08
99X11011	1.37	61.72	28.38	90.4	177	68.6	21.6	566	3.65	63.1	3.0	6.1	2.4	79.3	.55	5.75	.70	82	.38	.095	14.8	58.5	1.01	1093.1	.115	3	2.45	.019	.15	1.0	.34	87	.7	.05	6.8	.06
99X11012	1.19	158.14	36.18	106.3	149	177.9	44.8	653	5.54	163.0	1.2	13.3	2.6	27.8	.44	25.02	11.82	101	.33	.075	13.2	122.3	1.87	1210.2	.157	4	2.56	.027	.36	2.0	.92	41	.9	.10	7.5	.07
99X11013	1.32	67.90	21.04	72.8	146	47.2	22.4	525	4.21	60.4	1.9	6.5	1.7	26.6	.31	11.84	1.09	88	.45	.084	18.3	39.2	1.08	781.3	.104	1	1.89	.020	.18	1.8	.40	50	.8	.04	6.6	.04
STANDARD DS2	13.63	127.51	31.69	160.6	263	37.4	12.8	791	3.11	62.3	21.0	207.0	2.9	28.5	11.60	9.98	11.18	81	.55	.080	13.3	159.0	.60	137.4	.116	2	1.71	.037	.16	7.5	2.19	251	2.5	1.83	6.2	.03

Sample Type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data f FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99X11014	2.29	58.55	15.83	95.7	89	51.4	18.9	595	4.04	54.6	3.7	6.4	7.0	23.1	.41	4.95	1.19	95	.30	.075	17.0	56.1	.88	801.0	.091	2	2.15	.016	.12	.6	.29	61	.8	.07	7.2	.08
99X11015	3.13	70.36	54.33	122.6	280	19.5	20.9	811	5.06	494.0	15.2	11.6	30.3	54.0	.38	23.88	2.34	98	.78	.176	54.1	31.0	.68	476.9	.122	2	1.73	.020	.29	.9	.59	661	.4	.20	6.6	.04
99X11017	1.27	28.03	20.65	75.7	61	21.9	12.1	468	2.61	177.3	2.4	13.9	6.8	16.0	.39	5.09	.72	57	.18	.077	17.4	26.4	.47	111.2	.069	1	1.81	.008	.07	1.0	.21	114	.6	.06	5.1	.02
99X11018	2.53	88.12	69.57	137.1	529	20.6	18.0	836	4.49	1850.3	16.0	54.7	13.4	45.6	.56	13.88	5.26	79	.76	.103	57.0	31.4	.62	215.1	.032	2	1.76	.012	.11	2.3	.41	291	.6	.60	6.5	.06
99X11019	1.94	51.18	40.79	138.0	135	19.6	17.0	684	4.03	583.3	12.5	8.1	16.0	33.0	.48	13.24	.69	73	.53	.152	44.0	29.9	.37	158.5	.056	1	.97	.009	.09	1.8	.36	93	.3	.16	3.5	.02
99X11020	1.89	50.39	42.68	109.8	188	23.0	12.5	591	3.06	444.0	3.8	12.7	4.4	22.4	.43	5.21	1.61	72	.25	.095	19.4	30.8	.51	184.0	.074	1	1.82	.010	.08	2.3	.32	98	.7	.28	6.4	.07
99X11021	1.90	54.38	72.65	131.8	330	22.0	26.6	740	3.97	1770.4	13.9	81.0	18.6	36.2	.56	12.11	5.28	92	.53	.153	36.8	41.3	.81	166.2	.080	2	1.91	.016	.12	14.6	.42	109	.2	.71	6.5	.05
99X11022	1.46	279.47	113.19	117.6	1211	131.4	46.0	705	4.88	2234.5	6.9	55.3	6.2	58.2	.78	30.38	3.65	130	.60	.107	24.5	127.7	2.42	739.7	.203	3	2.86	.034	.35	4.0	1.20	67	.5	.77	8.1	.05
99X11023	1.42	254.18	22.23	61.2	310	155.0	55.4	379	4.89	2452.4	7.4	104.7	5.0	96.0	.31	13.24	3.59	132	1.28	.203	27.7	82.9	3.70	1331.7	.322	2	3.19	.088	.56	1.8	.92	26	.8	.74	8.8	.03
99X11025	1.89	487.63	192.72	80.9	1156	90.0	61.3	580	6.26	5950.5	6.5	448.5	5.3	52.9	.58	29.33	13.44	188	.72	.128	67.7	61.7	3.17	1915.3	.413	2	2.96	.047	.50	3.5	.94	68	.9	2.50	8.9	.09
99X11026	1.94	163.47	200.52	98.9	1173	34.8	26.6	689	4.03	2078.3	5.9	93.7	7.5	52.0	.35	20.46	3.07	106	.56	.129	27.9	46.8	1.26	444.5	.171	2	2.32	.043	.28	11.1	.53	96	.6	.53	7.5	.05
99X11027	4.15	82.51	53.03	104.7	435	24.6	35.9	1025	4.99	2229.5	4.6	93.3	11.2	39.4	.27	18.75	3.92	105	.39	.107	42.7	41.3	.59	149.5	.058	3	2.05	.011	.07	1.6	.32	302	.3	.50	6.7	.02
RE 99X11027	4.41	82.97	56.28	105.2	442	24.4	35.6	1028	5.05	2239.1	4.9	100.2	12.7	40.5	.29	19.38	4.10	106	.40	.108	44.4	44.0	.62	155.5	.058	3	2.13	.012	.08	1.0	.33	301	.3	.55	6.7	.05
99X11028	20.83	346.35	33.78	64.7	1170	28.9	118.3	1613	4.71	5220.8	6.5	394.6	29.3	40.0	.30	24.47	10.07	97	.88	.213	197.7	36.7	.34	121.9	.007	4	1.17	.006	.12	1.9	.54	205	.1	1.80	3.7	.03
99X11029	2.31	237.75	198.42	105.4	2142	23.6	38.1	1121	4.60	2988.2	23.7	195.4	34.2	77.6	.55	29.26	11.41	77	.75	.158	69.2	38.8	.75	180.5	.094	3	1.72	.016	.15	7.2	.46	194	.4	.84	6.6	.04
99X11049	1.97	410.25	30.30	131.5	1471	37.3	51.7	1699	6.38	525.4	6.5	40.1	22.6	43.1	.88	13.22	1.47	96	.80	.124	60.0	38.6	.96	147.1	.063	6	1.47	.023	.20	14.1	.65	833	1.1	.19	5.1	.08
99X11051	2.08	985.29	39.62	152.9	6766	38.8	33.0	1496	6.95	869.0	7.9	28.8	27.6	55.8	1.00	22.77	6.80	96	.87	.142	49.8	42.9	.58	189.4	.058	5	1.13	.028	.31	46.2	.89	534	1.5	.12	4.3	.22
99X11053	3.14	2344.18	62.51	124.0	33102	18.5	15.0	778	11.51	2715.9	4.5	44.0	15.7	117.8	.86	38.66	12.42	62	.83	.103	29.7	18.9	.20	204.0	.013	4	.67	.020	.61	115.6	1.70	1305	2.3	.11	2.8	1.43
99X11057	2.83	5464.08	196.89	262.0	50358	21.7	19.6	2270	12.61	8507.9	5.3	445.9	7.3	104.8	2.57	112.38	61.00	82	.51	.061	26.7	21.9	.23	281.1	.012	3	.85	.010	.18	114.0	1.31	611	3.5	.54	3.6	.35
99X12001	1.76	30.59	31.38	87.6	385	17.6	6.5	212	2.16	52.9	.6	5.9	<.1	22.2	.31	3.43	.31	54	.38	.067	12.2	25.0	.39	216.6	.017	1	1.30	.007	.05	4.9	.24	154	.7	.05	5.4	.05
99X12002	2.26	39.71	39.73	226.2	667	34.3	13.9	641	3.09	21.3	2.8	6.7	.9	32.5	1.31	4.59	.27	60	.62	.105	15.9	24.1	.42	371.5	.018	2	1.30	.007	.06	.7	.20	317	.8	.04	4.1	.08
99X12004	3.03	56.98	44.69	215.5	554	39.6	14.7	532	3.49	16.5	.9	8.5	1.7	23.3	.83	6.14	.23	75	.35	.096	15.9	32.8	.57	361.8	.021	2	1.44	.006	.05	<.2	.21	370	.9	.05	4.8	.05
99X12005	5.13	68.31	105.23	303.8	602	48.8	17.8	1172	4.74	28.5	.9	7.0	.2	21.4	.85	11.06	.33	105	.27	.153	14.4	47.2	.37	385.3	.009	1	1.23	.007	.05	<.2	.31	278	1.2	.07	4.8	.09
99X12006	5.38	86.34	147.95	368.2	1425	51.3	17.7	1030	4.90	39.6	1.1	14.1	.8	33.1	.82	13.75	.41	101	.51	.143	20.9	43.1	.43	445.5	.009	2	1.31	.007	.06	<.2	.38	1132	1.6	.06	4.4	.09
99X12007	1.26	25.29	249.93	380.8	580	32.2	12.5	815	3.43	13.4	.6	4.1	3.7	29.8	2.61	5.00	.22	36	.50	.076	23.4	22.9	.32	173.8	.022	1	.96	.008	.06	<.2	.17	307	.5	.04	2.8	.04
99X12008	8.85	88.37	53.99	323.8	785	45.1	11.8	493	3.55	17.1	.9	7.7	.1	26.7	.88	11.47	.24	79	.34	.147	15.8	23.6	.29	286.1	.012	1	.92	.007	.07	<.2	.32	533	1.9	.07	3.4	.07
99X12009	7.00	61.64	62.29	212.4	175	32.6	9.9	449	3.11	26.2	.8	4.2	<.1	31.6	.69	6.22	.35	95	.41	.122	11.6	38.8	.46	221.7	.017	1	1.02	.007	.04	<.2	.18	130	1.3	.09	4.9	.09
99X12010	29.85	367.60	150.17	483.5	2676	147.4	39.2	819	6.56	55.5	1.8	15.1	3.5	144.0	4.18	32.65	.81	184	1.90	.233	23.2	41.7	.76	328.5	.003	3	.86	.005	.10	<.2	.55	420	6.7	.49	4.1	.32
99X12011	5.63	372.24	216.55	436.7	677	276.1	92.1	3687	9.37	22.1	1.1	10.8	1.2	171.5	2.67	5.49	.21	171	1.83	.115	26.1	177.7	4.24	378.6	.022	4	2.68	.008	.05	<.2	.36	140	1.8	.08	8.9	.09
99X12013	1.73	56.34	47.67	139.3	644	40.5	19.8	825	4.29	15.5	.8	4.2	.7	39.8	.65	6.15	.36	105	.98	.133	19.2	40.2	.67	481.1	.017	2	1.44	.007	.05	<.2	.21	216	1.2	.05	5.6	.08
99X12014	1.79	62.76	50.80	154.4	323	41.0	25.2	925	5.89	16.0	.9	3.3	.9	26.9	.48	7.48	.33	135	.53	.130	19.2	32.4	.66	535.4	.016	1	1.51	.007	.06	<.2	.18	130	1.0	.04	5.6	.05
99X12015	1.84	81.27	26.20	122.0	522	52.0	21.7	742	4.46	14.2	.8	5.9	1.6	31.6	.49	6.87	.26	94	1.02	.134	23.6	35.8	.60	476.3	.014	2	1.11	.006	.07	<.2	.19	303	1.0	.03	4.3	.08
99X12016	3.33	84.52	52.09	152.3	597	60.2	25.8	2084	6.19	34.5	2.3	6.3	8.5	40.4	.80	14.99	.54	109	.74	.149	45.1	42.7	.39	434.1	.015	1	.95	.006	.09	<.2	.82	599	1.1	.04	3.9	.04
99X12017	5.47	115.41	29.79	149.1	600	57.9	13.8	577	4.07	20.0	.7	5.7	.9	19.9	.52	13.02	.46	59	.37	.116	29.2	24.8	.25	365.7	.004	1	.99	.004	.09	<.2	.29	135	3.0	.12	3.8	.08
STANDARD DS2	13.70	127.35	29.39	161.0	256	37.4	12.5	794	3.11	62.3	20.4	200.7	3.8	28.5	11.32	9.65	10.75	81	.55	.080	13.0	162.5	.62	140.8	.114	2	1.76	.038	.15	7.2	2.09	256	2.5	1.80	6.0	.03

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Assay recommended for Ag > 30 ppm.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data ___ FA ___

ACME ANALYTICAL

International Kodiak Resources Inc. PROJECT AREA 1/#5 FILE # 9902254 Page 4

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99X12018	4.53	141.99	42.57	128.6	1205	48.5	17.8	820	4.75	38.0	.8	7.0	5.6	27.0	.65	20.38	96	69	.29	.110	26.0	31.7	.31	321.3	.011	2	1.29	.007	.08	.4	.31	231	2.9	.11	5.0	.09
99X12019	3.61	85.63	16.24	97.1	561	36.1	12.8	525	3.39	16.7	.8	9.4	1.9	19.4	.27	4.22	.54	78	.20	.123	17.7	35.8	.40	375.6	.016	1	1.39	.009	.06	.3	.29	95	1.3	.09	5.6	.10
99X12020	3.74	104.22	20.85	125.7	287	58.0	22.1	774	5.62	17.7	.6	6.0	2.2	18.9	.41	9.79	.80	119	.32	.119	20.0	55.7	.59	428.7	.013	1	1.41	.007	.08	.3	44	156	1.1	.09	6.6	.12
99X12021	4.17	75.15	42.18	155.4	963	43.3	16.0	424	4.26	18.5	1.9	7.0	3.7	46.6	.58	16.58	.89	71	.66	.123	32.6	38.5	.74	195.6	.014	2	1.33	.008	.11	.4	.36	223	1.8	.07	5.2	.05
99X12022	5.79	120.35	54.36	185.8	840	63.3	17.5	649	4.88	22.8	1.6	7.4	3.5	31.9	1.10	18.57	4.24	92	.21	.127	30.4	47.0	.52	363.0	.011	1	1.48	.005	.10	.6	.40	249	2.0	.15	5.4	.07
99X12023	7.44	67.04	30.51	161.9	842	55.1	10.5	149	3.02	23.5	2.3	5.3	3.5	38.6	1.44	22.34	.44	40	.29	.071	30.4	17.7	.33	143.6	.005	1	.62	.003	.09	.3	.23	438	3.6	.12	2.4	.02
99X12024	2.26	69.63	28.77	114.3	1219	32.1	12.8	368	3.60	10.9	2.0	3.5	3.3	52.8	.79	11.65	.43	44	1.07	.134	33.7	24.5	.66	263.6	.010	1	1.21	.006	.10	.3	.31	192	1.2	<.02	4.4	.08
99X12026	3.56	73.62	276.40	345.0	1811	30.2	53.9	1423	7.08	14129.6	19.3	1186.5	56.2	215.9	3.51	215.85	58.43	28	2.71	.102	72.0	7.5	.47	76.5	.005	1	.62	.006	.14	.5	1.47	1056	1.7	.96	2.3	.67
RE 99X12026	3.77	78.02	289.20	359.0	1896	31.6	54.4	1490	7.37	14302.4	19.9	1181.2	60.0	226.2	3.64	221.86	59.90	28	2.83	.107	76.6	11.6	.50	79.6	.005	2	.66	.007	.15	.6	1.49	1094	1.8	1.12	2.5	.68
99X12027	1.55	47.47	9.00	77.6	97	50.9	38.2	1264	4.60	33.0	4.1	7.1	10.3	112.8	.17	14.00	.14	114	6.10	.223	37.6	149.9	1.05	300.2	.108	1	.83	.016	.44	.2	.70	1970	.1	.03	3.8	<.01
99X12029	14.99	45.75	1536.17	90.7	21028	4.9	12.1	398	14.35	99999.0	4.3	5191.2	11.5	141.6	.80	1207.52	952.90	24	.02	.081	90.8	9.6	.03	178.9	.002	<1	.39	.045	.27	.9	.62	690	20.4	2.95	1.9	.88
99X12031	14.55	46.51	169.03	102.9	19145	<.1	5.2	289	21.21	99999.0	4.4	13145.2	5.1	7.7	2.59	1827.35	2036.85	8	.01	.018	22.6	12.2	.01	24.6	.002	<1	.22	.008	.03	.3	.32	307	31.0	5.47	.8	.47
99X12032	5.24	51.58	1187.51	93.9	1220	9.1	18.0	306	4.54	3948.8	2.9	97.8	30.5	153.9	.03	36.45	8.21	51	.02	.044	133.5	12.2	.08	145.2	.005	1	.91	.055	.12	1.2	.33	339	1.4	.36	6.9	.33
99X12033	64.25	61.18	983.48	146.1	1103	13.9	56.1	2251	6.51	1416.4	9.5	92.2	67.5	13.4	.15	33.67	5.80	58	.15	.229	47.8	19.8	.13	81.6	.006	1	.99	.003	.09	.9	.52	1424	1.7	.33	2.7	.01
STANDARD DS2	14.08	130.25	29.48	158.2	255	35.9	12.7	796	3.22	61.9	20.2	195.1	2.5	31.1	11.58	9.59	10.75	76	.56	.081	14.1	156.5	.55	130.5	.111	1	1.69	.036	.16	7.5	2.08	253	2.6	1.88	6.2	.02

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data 1 FA ___

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 1/#5 File # 9902255

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99S11016	2.63	67.09	83.53	138.7	462	18.6	19.6	816	4.40	775.2	25.3	16.3	34.7	59.8	.92	32.97	2.73	83	.78	.151	55.0	31.0	.65	293.0	.106	3	1.68	.019	.23	.9	.68	618	.6	.28	6.0	.05
99S11058	2.49	361.42	82.97	131.1	2802	28.7	45.0	1062	4.18	3624.6	21.6	134.7	25.6	161.4	1.06	31.16	30.35	81	.88	.164	57.0	42.6	.92	353.6	.128	3	1.51	.033	.28	13.4	.51	234	.6	.56	5.5	.04
RE 99S11058	2.36	344.10	79.38	125.6	2793	27.6	41.7	1025	4.02	3494.0	20.4	134.3	24.6	151.2	1.00	29.13	29.71	77	.84	.157	52.1	38.1	.85	324.1	.116	3	1.38	.030	.26	12.6	.48	224	.7	.54	5.1	.03

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: SILT Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 15 1999 **DATE REPORT MAILED:** July 22/99 **SIGNED BY** ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data A FA

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.)
852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 1/#5 File # 9902256 Page 1

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99R10008	3.09	79.12	4.99	28.1	410	22.6	7.0	442	4.96	4.4	1.0	15.2	7.5	15.0	.12	2.34	.10	57	.56	.037	4.3	57.3	1.37	125.7	.073	7	1.26	.038	.13	3.7	.19	<5	5.5	.20	5.4	.15
99R10029	2.10	18.26	10.45	46.2	72	10.1	17.6	250	2.46	69.1	5.4	1.7	26.7	83.8	.10	2.33	.19	93	.83	.134	29.1	48.2	.92	291.3	.258	4	1.57	.180	.79	3.6	.58	<5	.2	.05	6.7	<.01
99R10030	2.37	30.29	10.42	51.5	85	10.9	10.2	238	2.42	19.7	6.0	4.0	28.0	76.1	.06	1.18	.16	95	.77	.127	26.9	47.3	.92	318.3	.302	6	1.59	.174	.84	4.7	.59	10	.2	.02	6.2	.01
99R10030A	7.70	25.29	182.83	41.6	344	3.1	2.1	31	2.18	348.2	7.5	188.4	42.6	118.9	.06	25.32	.44	20	.03	.040	42.6	18.6	.02	122.0	.002	2	.69	.004	.04	1.6	.27	4422	.3	.04	2.2	.08
99R10031	2.62	18.59	21.30	43.6	73	9.0	8.8	317	2.27	30.1	7.3	4.9	41.3	69.4	.12	1.68	.19	66	.83	.142	34.4	42.2	.75	179.3	.266	4	1.22	.132	.61	5.5	.44	33	.2	.02	5.4	<.01
99R10032	2.19	18.30	20.71	39.6	61	8.5	8.0	285	2.17	21.0	6.8	2.6	39.0	54.3	.09	2.34	.17	65	.63	.127	30.8	36.8	.69	201.9	.277	4	1.22	.109	.63	5.7	.48	59	.2	<.02	5.7	.01
99R10033	2.91	29.65	20.75	31.2	103	5.7	6.7	226	1.53	59.2	6.0	2.1	48.6	26.3	.11	2.76	.17	39	.60	.115	36.7	22.7	.52	120.4	.159	3	.84	.073	.40	6.1	.35	11	.2	.04	4.3	.01
99R10034	2.76	14.65	17.78	38.3	57	6.6	6.9	294	2.02	134.5	6.6	1.1	55.8	39.5	.08	2.37	.14	53	.59	.112	34.2	31.4	.68	144.1	.243	3	1.03	.105	.62	6.6	.60	17	.1	.03	5.2	.01
99R10035	2.56	16.82	21.39	47.4	87	8.8	12.3	261	2.50	106.4	6.0	.5	41.1	82.6	.11	4.19	.19	86	.70	.122	35.7	38.8	.85	217.7	.259	2	1.36	.138	.66	4.9	.53	20	.2	.03	6.1	.01
99R10036	2.77	54.30	22.64	53.1	240	9.2	10.0	317	2.63	104.7	7.8	1.6	56.6	60.0	.10	2.80	.23	77	.69	.114	39.9	38.0	.86	237.9	.281	5	1.27	.127	.75	5.8	.66	12	.3	.05	6.2	.02
99R10041	1.53	87.77	3.72	20.0	65	141.3	29.0	306	2.80	99.6	.5	3.6	2.2	99.2	.08	4.13	.46	80	1.22	.093	7.4	89.3	2.78	1317.0	.142	8	2.38	.174	.58	1.2	.56	5	.7	.05	5.4	.13
99R10042	.70	96.91	2.32	49.6	48	266.8	49.6	754	5.15	1.8	.2	.9	.4	87.0	.11	.41	.13	79	1.79	.080	6.5	103.4	5.25	2075.8	.195	8	2.90	.345	.30	.8	.12	6	.3	.04	6.7	.12
99R10045	1.63	105.27	7.43	42.3	134	23.4	23.8	222	6.47	13.4	.3	1.4	1.7	63.9	.13	7.80	.94	219	1.31	.227	12.1	10.8	2.53	149.3	.372	3	3.28	.216	1.54	.3	1.90	11	1.3	.04	13.5	.97
99R10047	1.15	126.90	25.26	32.5	319	29.0	17.4	191	4.70	24.7	.4	6.6	2.5	59.7	.16	11.70	.99	123	.95	.142	8.0	43.2	1.94	479.5	.368	10	2.38	.133	1.55	1.6	1.65	5	1.9	.02	10.5	.52
99R11001	.74	98.71	5.62	128.7	788	252.3	59.2	539	5.32	1.9	<.1	2.0	<.1	118.7	.76	.67	.46	123	2.02	.086	7.3	189.4	3.53	226.0	.208	5	3.60	.305	.07	<.2	.14	5	.7	.05	11.4	.82
99R11009	1.72	49.39	13.50	90.7	178	47.1	11.3	143	3.23	22.0	.7	3.8	3.9	27.1	.83	6.51	.80	83	.42	.053	9.6	61.4	1.07	527.0	.073	4	1.65	.053	.28	.7	.33	7	2.0	.09	5.9	.42
99R11024	3.32	358.48	5.30	23.9	187	45.6	27.3	213	6.57	88.2	.4	28.2	1.5	101.4	.11	4.41	.89	176	3.02	.256	12.5	12.6	2.68	45.1	.447	5	4.41	.236	1.03	.4	.83	<5	6.0	.26	11.5	3.63
RE 99R11024	3.45	376.60	5.61	24.7	194	47.5	29.4	206	6.85	95.5	.5	31.0	1.0	108.6	.11	4.63	.95	183	3.15	.266	13.2	12.6	2.81	45.1	.468	6	4.63	.246	1.07	.4	.89	<5	6.2	.27	12.4	3.82
99R11030	2.99	54.22	20.14	41.3	174	8.0	7.9	346	2.24	778.1	9.9	1.8	60.5	48.3	.13	2.86	.24	60	.97	.123	37.9	30.8	.77	139.5	.208	4	1.03	.094	.55	6.5	.54	<5	.3	.14	5.4	.04
99R11031	2.08	20.29	23.85	45.4	85	10.1	10.2	297	2.43	125.3	4.6	4.1	40.7	89.5	.18	2.84	.29	86	.89	.129	35.2	35.4	.77	283.4	.295	4	1.34	.149	.66	6.0	.49	<5	.2	.03	6.1	.01
99R11032	3.28	39.82	29.91	47.6	124	7.8	7.6	310	2.20	24.9	7.3	2.0	54.0	130.9	.14	3.10	.19	60	.63	.116	42.2	31.1	.67	185.3	.255	5	1.07	.117	.63	8.0	.59	<5	.2	.02	5.5	.02
99R11033	3.16	27.22	20.92	40.9	73	9.0	8.6	332	2.05	52.9	6.0	1.1	41.9	62.6	.18	2.07	.13	60	.71	.113	34.0	32.2	.69	220.5	.254	4	1.19	.114	.58	5.6	.44	13	.3	.03	5.3	.01
99R11034	2.20	20.54	22.00	38.0	91	7.2	6.3	279	1.65	87.8	5.1	10.8	39.0	60.8	.18	2.28	.26	49	.90	.114	32.4	27.6	.57	170.2	.190	3	1.05	.121	.42	3.4	.32	22	.2	.02	4.3	.01
99R11035	2.73	27.01	19.47	49.2	80	12.3	10.3	315	2.42	120.6	6.8	5.4	39.2	66.8	.14	1.55	.24	85	.84	.134	32.2	46.1	.90	243.7	.305	6	1.32	.140	.75	5.2	.58	<5	.3	.02	5.5	.02
99R11036	2.52	21.65	17.08	50.6	107	15.7	9.8	572	2.67	157.0	3.9	7.4	39.6	143.4	.21	4.35	.30	69	2.65	.097	33.4	64.0	1.92	802.7	.173	3	1.14	.099	.52	2.4	.65	364	.1	.06	4.7	.07
99R11037	.75	2.17	21.97	24.8	383	<.1	12.3	1272	3.33	10455.7	1.1	82.0	6.4	322.6	.16	68.12	3.11	2	10.45	.016	3.4	5.1	5.40	87.6	.001	2	.16	.006	.06	2.4	.29	641	1.7	.51	.5	1.32
99R11038	1.26	21.87	24.20	45.4	94	17.5	11.3	284	1.95	96.0	3.6	5.4	33.2	50.5	.18	3.19	.43	70	.78	.151	32.6	37.0	.73	205.3	.275	4	1.11	.106	.60	1.7	.48	<5	<.1	.02	4.5	.01
99R11039	.97	14.30	13.63	29.3	109	4.3	3.1	283	.89	124.0	1.8	45.9	27.5	52.6	.29	5.80	.78	26	2.02	.101	9.4	14.5	.55	53.8	.036	3	.72	.057	.05	2.4	.07	8	.2	.03	2.8	.02
99R11040	11.06	20.70	23.68	13.5	204	3.7	2.8	108	.54	171.9	36.3	25.3	42.2	17.6	.10	10.12	4.40	10	.42	.015	25.5	21.2	.18	53.1	.014	3	.34	.052	.09	8.8	.11	6	.1	.05	1.4	.02
99R11041	2.66	59.03	15.85	56.7	105	18.5	13.9	303	2.52	16.8	5.4	3.8	34.5	136.7	.23	2.16	.24	95	1.32	.194	32.5	55.4	.94	255.4	.337	5	1.89	.223	.79	3.3	.52	11	.7	.03	6.3	.04
99R11042	1.64	53.41	11.68	33.7	188	23.4	15.2	234	3.21	2595.1	1.6	59.7	8.3	185.2	.25	5.31	9.44	82	4.27	.219	19.8	11.7	.35	232.3	.239	11	3.41	.309	.27	1.5	.15	8	3.1	.68	9.6	.85
99R11043	2.66	44.80	11.34	48.7	114	26.4	14.4	283	4.16	173.9	1.0	13.9	4.8	44.7	.15	3.96	1.68	111	.69	.108	12.6	49.5	.64	484.6	.153	4	1.81	.095	.35	2.7	.31	9	2.3	.16	6.6	.30
99R11044	3.90	85.80	4.22	32.1	101	18.0	11.6	118	4.53	83.3	.6	5.1	3.1	13.8	.04	1.48	.58	222	.40	.162	11.7	56.7	1.53	183.3	.528	2	1.16	.072	.78	1.3	.40	5	2.7	.18	5.0	.70
99R11045	5.56	17.78	7.31	32.8	161	36.5	8.8	215	1.67	4836.7	1.4	37.2	3.3	27.5	.26	14.84	5.77	119	1.78	.082	9.1	46.8	1.38	283.7	.066	1	1.00	.023	.21	4.0	.25	<5	2.9	1.24	3.8	.19
STANDARD DS2	14.17	129.79	28.15	163.3	251	38.3	12.5	820	3.15	64.7	21.3	202.2	4.3	24.3	11.32	9.86	11.14	83	.56	.081	12.0	172.1	.64	148.0	.115	2	1.83	.039	.16	7	1	2.11	240	2.4	1.79	5.9	.02

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: ROCK Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 15 1999 DATE REPORT MAILED: July 23/99 SIGNED BY C. Leong ..D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data ✓ FA ___

ACME ANALYTICAL

International Kodiak Resources Inc. PROJECT AREA 1/#5 FILE # 9902256 Page 2

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99R11046	6.21	76.20	7.75	96.7	141	50.3	6.7	142	1.67	42.7	2.0	4.2	8.4	17.9	.56	2.08	.22	168	.82	.037	7.9	82.0	1.43	462.2	.112	4	1.38	.045	.63	4.7	.29	23	1.2	.04	7.2	.19
99R11047	2.68	14.55	13.78	46.9	53	13.8	2.8	728	.52	2.5	1.0	4.0	3.9	73.6	.41	.78	.07	15	13.77	.150	33.0	19.9	.19	83.1	.093	12	1.51	.195	.13	.6	.08	14	.4	.02	3.5	.13
99R11048	14.03	59.62	6.75	38.3	167	29.3	4.8	145	3.52	31.5	5.6	20.2	6.0	25.2	.27	3.88	.83	572	.89	.236	8.2	106.3	.92	260.6	.144	4	1.53	.047	.54	3.0	.70	16	4.5	.10	5.9	.85
99R11050	2.45	29.10	15.18	56.4	67	18.6	13.2	303	2.59	18.3	4.2	2.9	24.7	140.9	.20	1.57	.15	80	1.28	.134	26.8	37.3	1.16	311.2	.296	5	2.30	.211	.75	2.6	.56	13	.5	.04	7.6	.11
99R11052	3.04	53.40	21.67	66.5	135	20.5	15.0	940	4.54	43.3	4.8	3.8	33.6	89.8	.26	3.14	.94	109	3.68	.120	60.7	57.3	1.70	70.3	.003	2	.53	.007	.06	5.8	.12	752	.8	.04	1.7	.16
99R11054	3.20	816.72	8.68	26.7	831	2.0	2.8	234	1.38	51.9	3.3	10.2	16.1	152.1	.31	2.44	.39	9	5.44	.072	14.4	9.5	.40	137.2	.001	3	.25	.007	.16	13.3	.14	137	.3	.04	.9	.15
99R11055	1.54	66.61	6.08	64.3	136	21.5	14.8	633	3.50	6.0	4.3	5.6	19.2	110.8	.17	3.08	2.69	95	2.46	.119	31.2	83.3	1.68	170.9	.195	3	1.42	.131	.59	1.6	.41	32	.3	.06	4.7	.05
99R11056	1.27	37.16	9.91	37.9	89	21.1	9.6	186	1.91	22.2	2.1	<.2	12.2	144.4	.23	3.37	.69	76	1.42	.144	17.5	53.3	.91	418.0	.273	3	1.93	.193	.66	2.6	.59	<5	.6	<.02	6.6	.06
99R11059	4.25	24.08	16.24	52.1	119	6.4	6.9	373	1.96	19.1	7.0	83.1	53.2	39.2	.16	1.55	.11	51	.85	.095	41.2	27.8	.57	145.6	.215	3	.93	.090	.54	4.8	.52	28	.2	<.02	4.0	.01
99R11060	3.73	48.04	16.92	60.4	150	8.3	7.7	405	2.13	191.3	5.3	54.6	49.9	58.4	.23	1.92	.62	55	1.01	.101	42.1	33.4	.68	235.3	.256	3	1.08	.111	.61	8.1	.51	19	.3	.03	4.6	.01
RE 99R11060	3.56	45.38	16.02	57.8	141	8.1	7.2	390	2.01	181.9	5.1	52.3	48.2	54.7	.24	1.83	.59	51	.96	.096	39.7	31.1	.63	216.6	.238	3	1.01	.104	.58	7.9	.49	15	.3	.02	4.4	.02
99R11061	5.20	146.27	22.54	52.7	253	7.2	8.0	353	2.12	144.1	8.9	108.6	53.1	50.4	.30	3.52	.36	51	.89	.092	37.2	31.5	.74	148.0	.200	3	1.07	.104	.50	7.6	.52	12	.5	.03	4.7	.04
99R11062	3.27	98.97	24.77	67.0	223	7.9	8.8	345	2.46	29.0	10.7	44.5	58.5	56.0	.36	2.70	.13	60	.85	.094	40.4	32.0	.80	168.0	.254	4	1.16	.110	.72	5.5	.75	17	.5	<.02	4.9	.03
99R11063	3.16	167.28	41.45	67.9	339	7.6	8.7	390	2.27	37.4	8.4	31.8	60.8	51.5	.42	2.68	.15	52	1.00	.091	39.2	29.7	.74	164.6	.230	3	1.06	.096	.63	5.8	.66	<5	.7	.02	4.7	.05
99R11064	4.14	46.58	23.21	43.0	150	6.3	6.1	329	1.88	240.1	14.0	251.8	69.7	51.1	.31	2.65	.80	37	1.17	.085	48.3	25.3	.46	132.3	.143	2	.80	.083	.39	4.9	.43	24	.3	.03	3.8	.05
99R11065	3.74	33.37	15.13	55.4	122	7.8	8.2	373	2.37	28.6	8.2	19.5	66.9	48.8	.17	2.57	.12	61	.61	.085	51.0	31.2	.78	195.1	.220	4	1.14	.091	.61	9.0	.63	6	<.1	<.02	5.2	.01
99R11066	3.70	26.38	21.90	52.1	80	6.9	7.6	375	2.31	10.0	3.1	2.7	43.1	68.1	.18	1.27	.14	59	.90	.112	33.2	25.9	.60	209.7	.250	3	1.18	.118	.66	4.6	.63	26	.2	<.02	4.8	.01
99R11067	3.16	81.70	35.07	48.9	269	7.3	7.0	274	1.99	120.9	6.5	38.8	44.7	54.4	.48	3.08	.58	49	.88	.107	39.1	26.6	.67	133.7	.192	2	1.08	.102	.52	5.2	.53	9	.4	.02	4.6	.03
99R12012	.94	99.19	4.47	74.9	87	85.0	36.2	936	6.04	13.6	.1	4.4	1.9	189.1	.14	.23	.04	236	2.65	.149	13.3	140.4	5.01	3356.2	.019	4	3.50	.020	.15	.2	.04	8	.3	.03	12.3	.19
99R12025	3.58	128.87	24.61	57.2	413	8.2	7.8	548	6.00	30.8	7.3	14.0	62.4	12.8	.24	8.80	.47	53	.29	.079	39.8	33.2	.84	97.3	.073	2	1.77	.036	.24	5.1	.54	22	.5	<.02	6.6	.46
99R12028	13.30	143.88	12.71	27.7	346	1.7	4.6	1200	3.38	44.6	3.2	4705.2	12.4	144.7	.27	3.14	1.13	15	8.41	.041	43.6	14.2	1.50	90.1	.018	1	.25	.014	.08	4.2	.10	371	.3	.06	1.1	.04
99R12030	34.98	24.21	616.53	37.1	38533	<.1	10.3	226	23.67	99999.0	4.9	14387.6	62.2	6.6	.59	2318.81	4311.98	14	.02	.004	5.5	22.2	.01	9.6	.001	<1	.17	.004	<.01	.6	.23	242	50.8	8.67	1.6	9.90
99R12034	3.92	12.02	61.97	76.4	365	3.0	4.1	118	2.82	491.9	7.2	108.6	11.8	97.8	.11	53.59	25.95	23	.24	.054	38.5	10.6	.07	91.7	.003	3	.54	.004	.09	1.8	5.39	5038	<.1	<.02	1.6	.10
99R12035	2.95	31.57	22.24	49.2	166	11.5	9.3	337	2.35	852.2	8.1	76.9	47.4	72.5	.16	9.34	10.63	75	1.19	.128	37.8	43.4	.78	223.5	.268	4	1.21	.107	.68	2.8	.63	34	.3	.05	4.6	.01
L1 9901	2.30	13.27	18.23	58.8	128	7.8	6.9	315	2.01	67.7	4.8	213.0	48.7	41.3	.20	2.78	1.44	58	.49	.099	40.0	36.1	.67	273.7	.268	1	1.08	.087	.69	4.3	.48	67	.2	<.02	4.8	<.01
L1 9902	4.78	11.67	16.87	55.6	140	8.4	7.2	376	2.07	86.3	7.0	452.7	60.1	26.6	.21	1.75	1.43	56	.50	.094	42.2	36.0	.60	170.3	.257	1	.89	.075	.67	6.6	.47	23	.2	.02	4.2	<.01
L1 9903	2.52	11.57	16.87	58.8	103	8.9	7.7	387	2.20	58.1	5.3	199.9	53.6	30.3	.22	3.30	.63	63	.46	.096	41.3	36.0	.61	286.0	.282	1	1.04	.074	.69	4.8	.48	24	.1	.02	4.7	<.01
L1 9904	2.77	14.11	16.69	62.1	155	10.1	8.4	424	2.42	43.8	5.4	583.9	64.0	27.4	.25	1.35	.71	66	.46	.101	44.2	40.7	.60	172.6	.282	1	.91	.072	.73	4.9	.47	57	<.1	<.02	4.3	<.01
L1 9905	2.20	10.42	21.07	62.3	141	9.3	7.8	420	2.21	24.9	7.6	510.8	62.0	29.2	.27	1.24	.49	59	.55	.100	44.4	36.0	.59	171.3	.257	1	.88	.076	.70	4.8	.43	14	<.1	<.02	4.3	<.01
L1 9906	2.19	11.24	22.41	55.5	144	8.4	7.3	371	2.06	35.7	6.5	295.2	65.4	25.6	.26	1.67	.54	56	.45	.102	43.7	37.2	.49	156.8	.237	1	.80	.071	.58	5.3	.39	16	<.1	<.02	3.9	.01
L1 9907	3.86	14.54	16.00	46.9	114	7.9	7.3	268	1.90	25.8	7.6	120.8	56.7	23.9	.09	1.96	.22	56	.41	.103	40.0	35.9	.57	180.4	.266	1	.87	.074	.67	5.3	.45	10	.2	<.02	4.4	.01
L1 9908	3.46	8.76	17.06	47.1	114	8.4	7.1	266	1.86	30.9	7.3	49.7	58.1	31.0	.12	1.63	.23	55	.47	.104	40.7	34.4	.58	173.2	.247	1	.85	.078	.64	4.9	.36	8	.1	<.02	4.3	.01
L1 9909	2.81	10.45	15.21	49.0	91	8.1	6.9	306	1.85	23.0	5.5	60.2	40.1	68.6	.16	2.02	.32	55	.78	.093	39.0	34.7	.61	324.5	.232	1	1.10	.105	.57	4.3	.32	22	.2	.02	4.5	<.01
L1 9910	3.22	9.94	12.05	60.7	101	9.6	8.1	561	2.82	7.2	3.0	54.6	32.4	111.5	.15	1.64	.12	74	1.67	.101	37.6	45.4	.71	501.0	.250	1	1.24	.120	.66	4.4	.37	336	.1	.02	4.7	.02
L1 9911	1.72	8.77	21.13	69.3	112	8.3	8.5	865	3.26	9.6	4.6	67.8	11.9	155.8	.22	9.69	.11	47	4.05	.027	16.0	28.1	1.48	160.9	.002	<1	.39	.005	.01	1.3	.07	740	.1	.02	1.2	.02
STANDARD DS2	14.32	128.49	28.66	162.6	237	37.9	11.6	805	3.12	62.4	21.6	210.9	4.1	23.1	10.96	9.32	11.06	82	.55	.081	12.9	178.3	.66	151.6	.117	2	1.90	.040	.16	7.9	2.14	247	2.3	1.69	5.7	.03

Sample type: ROCK. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
L1 9912	2.76	14.43	18.41	55.7	130	7.5	8.0	695	3.15	32.4	4.9	41.8	32.0	130.7	.23	3.97	.25	56	3.02	.085	30.4	37.8	.99	304.4	.130	2	.80	.056	.36	2.6	.21	353	<.1	<.02	3.3	.02
L1 9913A	2.08	6.66	14.68	31.3	80	5.4	5.0	808	3.26	17.5	3.6	18.5	9.6	235.1	.14	3.35	.15	30	8.18	.041	23.0	19.8	2.36	67.4	.002	1	.28	.006	.02	2.1	.04	73	<.1	.02	1.0	.08
L1 9913B	5.38	14.80	14.01	74.4	96	9.0	8.7	344	2.67	13.8	6.9	5.0	19.8	93.3	.21	3.05	.07	71	1.05	.101	28.7	44.9	.75	588.8	.335	1	1.58	.124	.83	4.5	.57	13	<.1	<.02	6.5	.04
L1 9914	2.93	15.14	19.17	74.9	176	9.5	9.1	439	2.81	13.2	5.3	16.1	20.4	96.7	.31	3.19	.09	71	1.41	.106	28.4	43.2	.70	506.5	.298	1	1.44	.126	.75	4.4	.50	72	<.1	<.02	6.0	.03
L1 9915	2.48	11.94	18.35	65.8	126	8.3	8.0	433	2.56	8.3	3.9	7.4	16.7	87.1	.24	4.34	.06	63	1.23	.095	26.0	39.5	.72	449.1	.273	1	1.32	.111	.68	4.3	.48	39	<.1	<.02	5.5	.02
L1 9916	2.50	11.32	16.83	64.5	90	9.0	7.7	317	2.42	8.8	3.8	11.2	18.6	99.2	.20	2.93	.07	64	.71	.100	27.6	39.1	.78	557.4	.304	1	1.53	.123	.73	4.6	.47	7	<.1	<.02	6.2	<.01
L2 9917	2.54	15.90	22.24	57.9	378	8.1	7.5	306	2.12	17.6	4.4	205.0	17.3	83.4	.32	4.25	.36	55	.79	.091	27.6	38.9	.70	448.5	.282	1	1.33	.116	.62	6.4	.43	<5	<.1	.05	5.6	.01
L2 9918	1.89	11.64	18.92	53.8	329	8.3	7.8	328	2.55	8.1	3.3	116.8	17.5	80.7	.26	3.64	.08	64	.92	.104	26.3	36.1	.79	537.0	.314	1	1.48	.097	.75	4.2	.29	9	<.1	<.02	6.5	.01
L2 9919	2.09	8.24	12.63	62.1	170	9.1	9.3	516	3.05	4.4	4.9	17.7	19.2	147.2	.22	1.88	.03	69	1.20	.107	34.3	40.9	.99	482.9	.298	2	1.80	.134	.75	4.6	.33	18	<.1	<.02	6.8	.02
L2 9920	1.93	6.22	8.88	63.0	87	9.2	8.6	388	2.80	6.4	5.2	12.7	19.2	99.3	.13	.94	.04	69	.99	.105	32.4	39.6	.97	489.0	.308	2	1.71	.141	.81	4.5	.36	8	<.1	.02	6.4	.01
L2 9921	2.00	8.45	15.17	51.7	123	9.0	7.4	359	2.34	23.3	4.6	1.4	18.4	83.4	.18	5.38	.18	62	1.59	.101	32.8	37.7	.74	420.5	.273	1	1.41	.100	.69	5.7	.40	12	.1	<.02	5.9	.01
L2 9922	2.57	8.21	17.05	35.2	114	8.2	6.4	308	2.06	15.2	4.8	1.7	19.2	67.3	.24	3.71	.13	56	1.34	.096	32.0	39.9	.79	412.5	.260	2	1.33	.088	.59	6.4	.31	26	<.1	.02	5.8	.01
RE L2 9922	2.62	8.36	17.90	36.0	112	8.6	6.6	322	2.13	16.4	5.0	1.8	19.8	69.6	.25	3.87	.13	58	1.39	.098	33.0	42.1	.82	429.6	.272	1	1.40	.093	.61	6.4	.31	18	.1	<.02	6.0	.01
L2 9923	3.00	7.25	19.90	34.5	108	6.6	4.7	228	1.43	14.0	5.1	1.5	16.8	53.7	.23	1.60	.14	41	.73	.096	25.9	29.4	.68	350.5	.230	1	1.14	.068	.45	6.2	.21	5	.1	<.02	5.2	<.01
L2 9924	1.76	7.76	18.79	35.4	111	7.6	5.0	281	1.61	18.8	3.1	1.3	19.3	53.7	.26	4.46	.15	44	.81	.098	27.6	34.5	.60	316.8	.201	1	1.12	.086	.40	4.9	.21	25	.1	.02	4.7	<.01
L2 9926	2.22	6.87	20.96	41.1	100	9.1	8.0	250	2.25	20.4	3.4	.9	22.6	101.6	.27	2.03	.13	63	.79	.106	36.8	43.7	.76	578.1	.380	3	1.53	.121	.78	6.6	.40	<5	.1	<.02	7.0	<.01
L2 9927	3.90	8.52	14.74	38.6	80	8.4	7.0	262	2.12	26.9	5.8	3.8	18.5	81.7	.19	1.88	.16	57	.67	.095	30.5	40.2	.76	490.9	.330	2	1.43	.090	.61	6.8	.30	5	.1	<.02	6.7	<.01
L2 9928	3.32	10.26	17.24	50.5	90	9.1	7.8	329	2.57	37.6	4.9	2.0	20.6	60.1	.22	1.57	.15	66	.64	.096	32.4	40.2	.83	613.6	.378	3	1.52	.100	.90	5.5	.49	13	.1	<.02	7.2	.01
L2 9929	4.18	9.77	12.83	69.9	77	9.1	8.1	366	2.64	36.3	3.8	2.4	19.0	57.2	.14	2.98	.19	67	.57	.094	31.7	43.4	.85	675.4	.395	3	1.54	.096	.95	7.7	.61	<5	.2	.02	7.4	.01
STANDARD DS2	14.15	128.95	31.16	159.2	263	36.2	12.1	801	3.22	62.5	20.0	200.0	4.1	27.5	10.94	9.52	11.04	75	.56	.082	12.9	166.3	.57	138.7	.113	1	1.78	.037	.16	7.1	2.06	250	2.4	1.82	6.0	.03

Sample type: ROCK. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data A FA

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.)
852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 1/#10 File # 9902384

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99S10073	2.58	378.68	81.95	123.2	2805	26.9	49.3	1177	4.18	3644.6	24.2	128.6	26.0	188.2	1.15	28.42	30.66	72	.87	.158	56.8	42.6	.82	344.5	.118	4	1.41	.032	.27	12.4	.54	236	.8	.49	5.4	.05
RE 99S10073	2.48	369.27	79.54	120.3	2763	26.0	48.0	1153	4.11	3548.8	23.3	114.6	24.8	182.9	1.08	28.31	29.13	70	.85	.152	55.9	41.7	.81	339.2	.115	4	1.38	.031	.26	11.2	.54	234	.7	.44	5.2	.05

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: SILT Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 22 1999 DATE REPORT MAILED: July 28/99 SIGNED BY ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

...s are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data A FA

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.)
852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 1/#10 File # 9902385

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99R10074	1.71	119.32	6.45	31.4	258	27.4	17.2	220	5.27	95.0	.4	6.3	1.7	107.8	.13	1.15	.34	189	1.88	.156	8.0	98.2	2.05	90.3	.953	3	3.72	.328	1.24	.7	.40	15	4.6	.24	11.2	1.17
99R11083	2.37	29.75	56.39	128.2	2833	14.3	9.7	1018	2.21	106.0	3.9	74.7	12.2	182.6	.49	178.06	.40	35	4.68	.040	9.5	62.0	2.05	99.0	.003	2	.29	.006	.06	3.7	.34	1409	.4	.03	1.1	.95
99R11084	1.51	49.04	5.25	28.8	59	50.9	16.7	246	2.85	5.4	.4	2.6	2.4	66.9	.13	1.86	.05	69	1.35	.258	23.7	37.1	2.00	11807.4	.226	2	2.48	.185	.90	.8	.53	23	.3	<.02	9.0	.05
99R11085	.70	245.59	15.80	41.7	227	158.7	41.0	167	3.17	21.8	.2	33.1	.8	492.4	.24	3.69	.65	47	4.41	.133	8.6	119.9	1.11	111.0	.202	9	4.79	.318	.13	1.2	.22	25	5.2	.24	7.7	1.35
99R11086	.11	5.23	.71	18.9	11	.9	3.0	728	2.99	1.4	<.1	<.2	.1	527.6	.13	.63	.05	11	20.10	.008	1.2	3.8	4.39	94.7	.002	<1	.06	.005	.01	.5	.02	23	.2	.06	.3	<.01
99R11087	.69	68.74	5.92	56.2	88	54.5	21.4	360	3.34	2.7	<.1	1.0	.6	278.5	.28	1.69	<.02	137	3.75	.085	6.6	72.8	2.54	8630.3	.230	8	5.45	.487	.76	.7	.41	18	.4	.02	11.8	.02
99R11088	1.63	364.22	5.74	27.8	215	33.3	71.6	214	6.13	1.1	<.1	2.9	.7	253.7	.12	2.56	.73	212	2.91	.171	5.5	4.9	2.26	42.7	.188	5	4.50	.360	.77	.6	1.19	17	6.6	.12	13.7	2.73
99R11089	1.97	267.98	32.03	37.5	709	18.8	29.3	162	6.13	8.5	.2	2.0	1.1	308.9	.34	11.00	1.17	83	4.26	.228	13.9	5.3	.88	118.0	.423	11	5.36	.462	.10	1.5	.24	31	7.3	.20	15.7	.79
RE 99R11089	1.86	263.29	32.21	36.4	686	18.3	28.3	154	5.95	8.2	.2	1.6	1.1	300.3	.32	9.92	1.16	78	4.13	.225	13.4	5.1	.84	115.5	.387	10	5.30	.448	.09	1.4	.23	35	7.2	.15	15.2	.80
99R11090	2.71	76.18	30.22	38.5	208	11.4	8.0	81	1.25	95.0	4.9	<.2	18.3	69.3	.38	5.02	1.02	24	.63	.102	30.3	17.7	.35	156.6	.157	2	.66	.090	.12	2.4	.08	18	2.4	.04	3.1	.22
99R11091	2.07	548.92	35.48	25.3	1299	18.0	7.3	138	5.75	147.9	.4	.4	4.7	13.0	.16	2.22	.89	20	.33	.129	14.8	25.9	.30	77.8	.106	1	.71	.025	.05	4.2	.17	35	12.0	.03	3.7	.13
99R11092	.48	42.26	4.46	12.9	97	1.3	1.5	82	.25	57.3	1.3	4.2	7.2	166.3	.12	3.41	<.02	7	10.91	.095	16.1	6.9	.04	21.7	.062	3	1.18	.259	.04	1.1	.02	5	.1	.03	3.1	<.01
99R11093	.81	150.17	13.01	38.2	302	19.1	32.4	207	.78	883.5	1.0	31.4	9.5	144.8	.27	6.32	4.38	15	5.60	.099	37.1	22.5	.13	255.6	.052	2	1.65	.479	.09	1.4	.08	10	.5	.10	3.7	.03
99R11094	5.24	206.46	13.54	18.7	332	20.3	7.4	453	3.03	117.9	1.0	2.3	2.5	164.0	.17	43.59	.61	34	8.18	.048	7.9	10.6	3.03	44.0	.001	1	.21	.007	.05	1.9	.27	276	.8	.06	.9	.02
STANDARD OS2	14.01	129.54	30.37	164.7	257	37.9	12.4	820	3.15	62.4	20.5	199.6	3.5	28.7	11.54	9.59	10.94	82	.55	.082	13.5	165.0	.62	136.9	.115	1	1.77	.038	.16	7.2	2.07	260	2.5	1.84	6.0	.01

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: ROCK Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 22 1999 DATE REPORT MAILED: July 28/99 SIGNED BY: C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

...considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data FA

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.)
852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 3/#12 File # 9902391 Page 1

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99X04142	3.05	24.67	8.83	120.1	409	27.5	8.2	236	2.43	13.2	2.0	6.0	3.1	25.8	.59	2.11	.22	139	.20	.119	10.1	30.8	.39	386.4	.041	1	1.68	.008	.06	.2	.13	93	1.3	.05	4.9	.02
99X04143	5.64	40.36	13.47	157.7	454	39.8	11.1	323	3.06	16.4	3.1	6.2	3.2	54.6	.50	3.48	.27	185	.18	.085	11.5	52.4	.57	941.5	.046	2	2.16	.011	.08	.2	.24	118	1.9	.11	6.5	.07
99X04144	6.00	27.97	15.23	70.6	412	16.0	4.5	113	3.46	48.3	1.4	2.7	3.3	73.3	.38	3.44	.28	254	.06	.131	12.5	52.4	.26	799.0	.022	2	1.88	.007	.15	<.2	.27	61	3.4	.13	8.0	.22
99X04145	4.00	37.44	11.44	236.6	355	36.8	14.8	296	3.23	6.1	.9	1.2	3.2	11.4	1.15	1.28	.28	57	.09	.053	8.8	23.2	.29	393.4	.016	3	1.62	.005	.15	<.2	.12	43	.9	.08	4.7	.03
99X04146	3.20	55.03	13.04	166.5	308	36.3	12.0	145	2.77	7.1	.8	1.3	2.8	18.1	.53	1.41	.26	44	.09	.050	9.1	20.1	.24	398.6	.009	4	1.22	.004	.18	<.2	.12	32	1.2	.08	4.0	.05
99X04147	3.90	102.42	15.51	173.6	683	55.0	18.7	465	4.40	5.7	1.3	4.7	3.0	15.7	.74	1.43	.36	36	.13	.082	9.1	21.8	.20	444.6	.005	4	1.21	.004	.21	<.2	.16	57	1.4	.12	3.5	.04
99X04148	6.18	85.03	15.40	238.3	308	61.2	15.8	190	3.96	12.8	1.1	2.0	2.3	12.1	1.06	2.48	.31	34	.08	.050	9.0	16.4	.16	423.7	.005	3	1.01	.003	.16	<.2	.19	60	1.7	.11	3.0	.03
99X04149	21.61	32.00	14.52	667.5	2148	74.4	11.4	177	2.84	13.5	1.6	1.9	2.5	16.4	1.35	5.92	.19	188	.07	.108	5.9	23.1	.22	418.4	.012	4	1.38	.004	.12	<.2	.33	138	4.0	.08	5.7	.07
99X04150	6.44	25.43	30.32	100.4	654	14.4	5.7	462	4.08	19.4	.4	2.6	3.0	114.2	.31	2.23	.51	53	.02	.063	4.6	19.1	.12	312.9	.010	3	1.08	.014	.53	<.2	.27	76	2.1	.37	4.7	1.07
99X04151	2.41	28.85	15.65	66.1	135	17.9	6.8	139	3.64	10.3	.4	1.8	3.1	11.6	.18	1.31	.25	54	.05	.032	7.9	22.4	.30	187.1	.028	1	1.87	.009	.14	<.2	.13	30	.9	.09	5.4	.14
99X04152	19.16	86.93	24.29	412.4	7214	107.5	17.5	487	3.45	33.8	4.9	21.7	2.1	186.0	10.47	6.95	.39	170	1.27	.282	5.9	64.3	.48	566.1	.004	4	1.83	.006	.10	<.2	.41	971	8.2	.34	3.3	.19
99X04153	9.75	46.60	34.04	836.0	5478	149.7	18.3	643	3.86	24.0	5.4	4.9	7.9	106.3	5.08	3.27	.76	200	.51	.390	22.7	88.4	.42	1771.5	.063	3	1.43	.008	.34	<.2	1.06	178	13.4	.28	5.6	.65
99X04154	27.54	1218.47	15.37	200.0	13885	168.1	1.2	19	2.34	37.9	53.9	4.9	3.5	120.6	45.18	8.37	.28	470	.66	.926	18.7	304.0	.08	907.2	.005	4	1.25	.011	.19	.2	.62	2293	77.6	.49	8.1	.57
99X04155	33.71	103.05	44.07	51.5	7019	17.8	.9	30	13.58	136.8	11.0	12.2	3.7	169.0	1.36	18.32	.39	648	.11	1.526	18.9	163.7	.05	75.6	.016	7	.91	.046	1.62	.2	3.64	3024	15.8	.31	6.1	3.98
99X04156	17.32	108.22	16.19	119.7	3215	28.5	5.9	159	4.30	31.7	7.3	4.8	4.2	52.8	1.16	5.83	.50	203	.02	.141	7.4	48.1	.04	158.0	.003	2	.64	.015	.55	.2	1.03	860	17.8	.19	2.8	1.36
99X04157	34.44	414.76	13.67	1594.8	13728	308.4	12.0	534	2.42	52.5	24.4	4.3	4.3	212.1	22.70	26.35	.23	715	1.85	.755	18.2	175.8	.18	1547.5	.004	4	.98	.007	.18	.3	.70	1465	34.6	.42	4.3	.26
99X04158	5.71	59.91	14.61	340.3	2111	47.0	.9	21	.93	11.9	5.1	4.7	1.8	124.8	3.55	6.70	.16	296	.62	.183	6.1	49.9	.10	711.0	.003	8	.50	.005	.17	<.2	.32	740	7.3	.20	2.3	.15
RE 99X04158	5.55	57.72	14.13	335.9	2050	46.7	.9	21	.92	11.9	5.0	4.0	1.8	122.5	3.46	6.52	.14	307	.61	.181	6.1	53.7	.10	695.1	.003	8	.53	.005	.16	<.2	.28	700	7.1	.20	2.4	.14
99X04159	1.99	53.32	10.86	105.2	215	31.2	11.7	313	2.73	11.6	.7	19.4	3.9	23.6	.37	1.05	.21	80	.10	.056	11.0	40.6	.49	535.9	.041	1	2.28	.007	.08	<.2	.19	65	.8	.07	6.1	<.01
99X04160	5.12	35.45	15.15	304.4	557	60.9	12.9	487	3.46	11.0	.7	1.6	.8	42.3	.71	1.96	.27	117	.13	.180	8.3	28.1	.17	698.8	.023	1	1.45	.007	.17	<.2	.27	60	1.5	.07	6.0	.12
99X04161	21.12	217.87	17.58	499.0	6956	114.6	4.5	73	1.81	29.2	13.5	9.7	3.1	221.4	15.58	18.53	.22	651	1.26	.533	16.6	129.2	.10	1459.4	.009	7	.95	.006	.20	<.2	.92	1903	18.5	.33	3.6	.12
99X04162	2.33	130.28	13.02	321.4	475	50.8	11.2	243	3.19	14.5	1.1	13.2	4.3	53.7	.68	1.78	.25	94	.19	.109	11.0	39.6	.45	433.0	.042	2	2.22	.009	.12	<.2	.17	35	2.2	.11	5.9	.04
99X04163	3.34	107.14	14.26	451.0	1091	63.9	12.5	218	3.30	14.8	1.2	12.7	1.5	50.3	1.49	2.02	.26	124	.17	.161	9.8	40.6	.44	378.4	.042	3	1.93	.009	.17	<.2	.21	95	2.8	.13	6.5	.08
99X04164	2.37	50.36	15.78	140.4	506	30.5	10.3	277	3.61	14.8	.8	2.0	3.2	54.5	.44	1.24	.27	107	.15	.117	9.5	38.6	.39	796.0	.039	2	1.91	.010	.16	<.2	.28	44	1.5	.10	6.9	.20
99X04165	4.06	62.31	11.28	209.7	500	53.4	11.1	271	3.14	19.5	.8	2.0	4.0	25.9	.80	1.66	.25	104	.13	.069	9.9	38.9	.48	474.2	.041	2	2.38	.007	.08	<.2	.16	34	1.2	.08	6.8	.01
99X04166	2.68	20.76	13.59	96.5	1104	25.3	7.0	143	2.58	10.0	1.7	2.1	2.6	143.4	.76	1.54	.19	170	.19	.222	11.7	42.6	.32	826.9	.032	2	1.67	.008	.14	<.2	.27	107	2.0	.09	5.6	.10
99X04167	10.85	53.59	37.75	232.9	1331	56.2	12.7	281	4.07	17.5	2.1	1.6	4.3	184.9	1.75	2.63	.56	75	.12	.180	11.5	23.5	.15	995.9	.010	2	1.25	.009	.36	<.2	.45	76	3.9	.38	4.2	.57
99X04168	1.39	14.61	8.43	71.1	316	20.8	7.0	203	2.10	5.5	.4	.5	3.0	20.6	.27	.73	.17	51	.17	.023	10.4	22.5	.30	436.0	.037	<1	1.23	.007	.07	<.2	.10	19	.5	.04	4.6	.01
99X04169	9.32	49.75	33.99	61.0	1079	34.7	7.3	187	2.75	17.8	3.0	6.9	3.1	136.3	.17	2.77	.41	103	.32	.137	11.4	29.0	.18	1388.0	.010	3	.95	.008	.30	<.2	.34	410	3.1	.32	4.0	.41
99X04170	3.20	29.06	13.82	149.3	136	38.5	15.3	560	3.95	7.7	.7	1.0	3.9	20.8	.41	.84	.28	65	.17	.055	11.6	31.9	.42	591.1	.036	1	2.12	.007	.14	<.2	.14	29	.5	.06	6.9	.02
99X04171	7.31	79.68	45.45	144.9	1057	54.7	18.7	471	4.90	17.7	1.3	8.2	2.3	147.3	.21	2.69	.43	68	.15	.140	9.1	23.5	.21	477.2	.010	3	1.23	.011	.41	<.2	.24	108	2.8	.33	4.5	.74
99X04172	2.61	27.01	10.34	64.3	346	23.3	6.8	120	2.20	6.6	.6	3.0	2.7	33.3	.17	1.09	.16	56	.14	.038	8.4	22.2	.35	438.4	.022	1	1.11	.006	.14	<.2	.13	52	.9	.08	3.7	.08
99X04173	1.89	46.14	10.65	76.6	217	30.6	9.0	234	2.71	10.8	.6	7.7	3.4	29.3	.20	1.37	.19	63	.17	.030	8.1	30.1	.40	498.7	.042	<1	1.50	.007	.08	.2	.09	35	1.0	.08	4.2	.02
99X04174	7.15	41.48	14.73	112.6	931	33.2	8.7	162	2.61	12.7	1.4	1.6	2.6	87.0	.76	3.69	.24	107	.15	.104	8.9	22.8	.21	924.2	.023	1	.89	.008	.17	<.2	.42	141	4.5	.15	3.5	.20
STANDARD DS2	14.54	128.94	32.84	162.7	276	38.1	12.5	814	3.13	62.9	21.3	205.6	3.5	30.8	11.54	9.58	11.26	82	.55	.082	13.9	164.3	.61	140.1	.115	1	1.76	.038	.16	7.6	2.12	239	2.2	1.91	6.1	.02

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: SOIL Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 22 1999 DATE REPORT MAILED: July 29/99 SIGNED BY. C. Leong .D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data A FA

ACME ANALYTICAL

International Kodiak Resources Inc. PROJECT AREA 3/#12 FILE # 9902391 Page 2

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99X04175	4.45	48.37	10.79	185.2	289	42.9	11.4	204	2.88	11.9	1.4	9.2	3.6	51.0	.81	2.74	.22	85	.22	.066	9.2	29.3	.58	757.1	.041	3	1.55	.008	.17	.2	.18	159	2.3	.06	5.0	.05
99X05149	18.36	145.69	9.71	808.2	1421	188.4	44.8	695	5.84	28.6	4.6	7.1	2.6	76.5	5.60	12.12	.15	177	.11	.110	14.8	28.7	.07	1095.6	.003	5	.97	.006	.21	<.2	.67	1220	4.3	.14	2.5	.26
99X05150	1.14	32.87	9.84	69.2	77	31.5	11.4	326	2.70	10.4	.6	6.8	3.8	15.5	.24	1.14	.19	51	.11	.042	8.8	25.2	.43	199.1	.046	1	1.57	.007	.06	.2	.09	48	1.0	.04	4.2	.02
99X05151	2.37	132.91	13.87	139.2	367	39.9	10.7	278	3.11	12.7	1.0	18.9	3.4	19.1	.17	1.47	.23	68	.11	.049	7.8	31.8	.46	289.4	.027	2	1.88	.006	.09	<.2	.16	158	3.3	.11	5.2	.01
99X05152	2.47	95.96	9.60	47.7	28	26.6	16.2	236	4.05	4.8	.5	2.3	5.3	36.7	.02	.78	.41	15	.03	.047	4.4	8.3	.10	664.5	.003	2	.79	.002	.16	<.2	.13	143	.5	.14	2.1	.02
99X05153	2.05	73.79	13.52	21.9	136	40.2	15.8	1275	13.40	3.9	1.0	4.1	17.8	34.8	.09	.87	.44	18	.18	.053	25.9	9.0	.17	708.0	.003	3	.90	.004	.23	<.2	.17	253	.9	.11	1.7	.09
99X05154	1.87	66.72	8.54	73.3	178	14.7	5.3	68	2.24	4.0	.9	10.6	.5	19.9	.10	.70	.34	31	.08	.096	4.6	12.3	.11	231.9	.009	4	.66	.004	.15	.2	.13	146	1.5	.10	3.3	.03
99X05155	2.10	197.18	35.20	144.6	1962	58.3	18.0	586	6.01	39.5	.9	41.6	2.9	63.7	.27	7.36	.52	84	.05	.082	3.9	30.2	.17	417.8	.014	2	1.37	.007	.15	<.2	.41	388	3.2	.31	5.1	.23
99X05156	2.62	311.99	43.54	207.9	882	146.2	43.8	858	9.08	57.1	2.1	45.4	4.9	75.8	.38	8.78	.52	99	.04	.102	5.1	40.3	.19	484.9	.015	1	1.67	.008	.13	.2	.43	315	5.3	.22	3.6	.20
99X05157	1.76	391.70	23.99	469.4	469	104.0	25.4	2473	7.53	16.1	2.2	16.1	2.9	67.1	1.59	2.72	.49	94	.09	.132	5.9	40.9	.13	512.4	.025	2	2.30	.007	.09	.2	.17	212	3.0	.26	7.3	.13
99X05159	1.42	86.42	4.68	72.7	74	16.0	4.3	109	1.63	10.0	.2	16.2	.3	10.5	.08	2.17	.15	32	.07	.032	2.0	9.2	.03	172.4	.008	5	.34	.005	.09	<.2	.06	83	1.3	.12	1.8	<.01
99X05160	1.48	21.15	11.76	81.7	166	20.7	7.5	274	3.08	13.2	.4	3.2	2.1	11.7	.35	1.15	.25	83	.08	.047	8.0	28.5	.37	312.5	.047	1	1.96	.006	.04	.2	.11	40	.6	.07	6.7	.01
99X05161	5.28	59.47	20.88	66.7	384	12.1	7.0	306	2.83	19.2	1.0	7.4	2.6	63.1	.19	3.30	.33	76	.02	.094	11.5	19.9	.08	738.6	.012	2	.68	.004	.20	<.2	.25	219	8.1	.10	2.6	.38
99X05162	3.20	57.83	15.48	151.3	216	44.3	15.7	772	3.59	10.8	1.1	2.8	3.6	27.1	.26	1.61	.28	63	.03	.087	10.3	24.1	.19	306.6	.028	1	1.32	.005	.11	<.2	.18	47	1.2	.07	5.5	.09
99X05163	3.19	10.25	12.79	22.0	452	6.9	2.3	67	1.85	14.1	.7	4.1	.1	18.4	.11	2.51	.25	133	.05	.071	9.4	28.5	.15	172.7	.030	1	1.01	.005	.04	<.2	.14	87	1.3	.09	5.7	.05
99X05164	2.22	26.48	13.16	60.9	185	24.4	16.8	406	2.74	12.8	.8	3.1	3.7	17.9	.34	1.22	.23	78	.06	.039	9.4	31.6	.36	279.1	.044	1	2.08	.005	.06	.2	.20	46	.6	.06	5.8	.01
99X05165	12.34	89.74	52.85	35.3	883	18.9	3.7	118	2.98	31.4	6.7	7.9	6.7	125.2	.64	2.60	.48	60	.13	.132	29.1	33.2	.15	587.1	.018	2	.79	.007	.37	<.2	.61	566	4.5	.50	4.1	.64
99X05166	5.70	41.29	12.98	97.0	434	33.7	10.3	255	2.93	21.4	2.5	9.4	5.0	49.5	.38	2.72	.25	127	.10	.060	15.5	51.6	.39	456.3	.049	1	1.65	.008	.12	.2	.48	169	5.3	.09	4.5	.17
99X05167	2.10	24.16	9.10	66.5	166	17.3	5.2	228	1.85	8.3	1.1	7.5	.8	19.6	.29	1.02	.20	47	.09	.036	10.3	21.2	.26	170.2	.028	1	.92	.005	.06	.2	.15	122	.7	.04	3.9	.04
99X05168	2.88	34.12	16.98	67.0	442	16.1	3.9	155	2.50	23.9	1.3	7.5	.7	152.4	.18	2.75	.56	86	.06	.086	11.2	30.9	.21	744.7	.035	1	.95	.005	.12	.3	.48	151	2.8	.14	5.6	.22
RE 99X05166	5.87	40.33	13.23	96.3	430	33.0	10.4	247	2.90	21.5	2.5	11.2	5.0	49.6	.39	2.72	.28	125	.10	.059	15.4	49.7	.40	455.6	.049	1	1.68	.008	.12	.2	.50	171	5.4	.11	4.6	.18
99X05169	3.23	51.75	15.16	102.6	465	31.4	9.8	271	2.85	17.1	1.4	9.5	4.1	36.1	.43	2.70	.28	81	.07	.051	10.4	36.6	.34	486.5	.033	1	1.77	.006	.11	.2	.23	169	3.0	.09	4.8	.16
99X05170	3.85	56.59	11.64	132.1	289	34.7	11.1	314	2.86	9.9	1.5	8.5	3.6	16.1	.61	2.17	.20	74	.07	.049	9.9	29.0	.48	245.9	.034	2	1.71	.005	.08	.2	.23	119	1.2	.06	5.1	.03
99X05171	19.15	41.60	11.98	148.4	1680	35.0	7.7	185	2.62	26.0	4.1	7.6	3.3	18.3	1.05	8.47	.23	310	.08	.043	13.3	34.1	.36	359.2	.029	2	1.55	.005	.08	.2	.94	630	3.6	.09	5.4	.04
99X05172	7.57	68.30	15.53	77.4	457	25.6	11.1	279	2.55	11.1	2.3	11.5	5.1	26.0	.29	2.05	.25	47	.07	.051	13.2	25.7	.23	597.1	.019	2	1.09	.003	.12	<.2	.27	260	2.0	.10	3.8	05
99X05173	4.42	18.66	21.83	42.5	732	17.4	5.8	172	3.06	18.5	1.1	3.2	3.6	15.6	.12	1.57	.35	113	.08	.143	12.3	31.5	.30	342.1	.033	1	1.54	.004	.06	.2	.13	91	2.7	.14	5.8	.06
99X05174	2.21	31.41	10.84	59.4	198	18.0	6.4	214	2.06	9.5	1.2	5.5	.5	21.8	.20	1.24	.19	55	.13	.066	10.8	23.6	.34	383.4	.024	1	1.31	.006	.06	.2	.11	160	1.1	.06	4.2	.03
99X05175	2.34	34.76	19.59	54.7	120	12.6	3.2	115	2.27	11.5	.8	45.3	.8	29.0	.15	1.83	.40	88	.04	.091	10.8	20.7	.09	396.4	.030	1	.95	.003	.06	< 2	.15	33	.8	.15	6.6	.03
99X05176	2.55	25.79	15.29	126.2	102	36.7	16.3	621	4.11	18.5	.7	1.5	2.6	13.8	.71	1.38	.32	106	.07	.080	7.5	36.8	.45	319.6	.060	1	2.42	.006	.06	.2	.14	40	.9	.08	8.2	.02
99X05179	5.22	75.90	42.53	899.9	4076	203.1	26.2	1353	3.56	28.3	3.8	8.9	2.0	141.5	2.57	2.88	.45	166	.42	.189	8.1	35.8	.17	1062.9	.010	3	1.00	.008	.12	<.2	.47	344	5.8	.37	2.9	.15
99X05180	10.39	137.26	21.79	1082.6	7217	185.0	11.5	399	4.39	50.3	4.1	5.6	1.5	176.4	10.30	8.79	.39	336	.22	.269	5.1	58.7	.08	636.7	.006	4	1.16	.008	.24	.2	.95	335	54.9	.33	3.4	.48
99X05181	82.41	312.64	27.16	593.8	11600	82.2	3.1	124	3.63	75.9	30.4	2.4	1.0	322.5	16.83	100.91	.25	1828	.93	.543	11.9	176.5	.12	661.1	.013	9	1.11	.012	.43	.3	7.32	1896	97.8	.90	7.6	.77
99X05182	23.48	344.57	21.45	2357.3	23847	446.3	18.1	673	3.97	82.1	13.0	24.9	2.7	296.1	7.96	18.22	.38	353	2.00	.647	11.0	149.4	.26	949.9	.008	7	1.13	.007	.19	<.2	.58	2787	25.3	.37	4.3	.16
99X05183	31.75	50.39	20.72	506.5	2458	53.7	5.2	153	4.41	22.5	4.2	3.1	3.0	214.4	2.05	10.86	33	236	.10	.144	4.9	15.2	.09	302.7	.006	3	.68	.015	.51	<.2	2.11	106	16.0	.16	4.0	.92
STANDARD DS2	13.82	130.96	33.67	165.1	267	38.3	13.1	835	3.18	62.9	21.5	200.7	3.7	32.2	12.15	10.64	11.65	82	.56	.082	13.7	165.3	.62	142.2	.117	2	1.77	.037	.16	7.9	2.24	254	2.7	1.98	6.3	.02

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data ✓ FA

ACME ANALYTICAL

International Kodiak Resources Inc. PROJECT AREA 3/#12 FILE # 9902391 Page 3

ACME ANALYTICAL

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Tl	Hg	Se	Te	Ga	S
	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppb	ppm	ppm	ppm	%
99X05184	14.05	47.15	11.28	251.3	219	58.2	14.3	357	2.54	13.7	1.1	1.6	.4	15.0	2.29	1.96	31	177	.11	.075	3.3	11.4	.06	398.4	.005	3	.54	.003	.09	<.2	.23	60	2.6	.06	2.4	.03
99X05185	1.98	84.48	21.15	266.7	372	103.1	36.3	1532	3.81	7.2	1.1	14.1	6.2	26.9	.50	1.37	.30	20	.50	.053	9.4	11.1	.18	647.0	.002	4	.69	.003	.13	<.2	.15	163	1.4	.07	1.5	.04
99X05186	90.08	97.37	10.82	1274.1	645	218.9	6.6	82	2.42	40.2	11.0	3.4	5.0	61.7	7.31	9.60	.25	327	.49	.067	10.1	13.1	.08	598.9	.008	4	.46	.003	.13	.2	1.00	735	5.0	.16	2.7	.02
99X05187	1.98	66.95	13.90	442.9	605	53.2	15.1	455	2.83	5.2	1.0	1.0	2.1	75.5	1.65	.99	.32	42	.07	.066	4.3	13.7	.10	845.3	.008	1	.98	.006	.15	<.2	.12	31	2.0	.08	4.0	.10
99X05188	3.89	85.71	13.90	367.0	290	75.1	23.9	503	3.89	7.3	.8	1.0	1.1	23.3	.98	1.36	.35	41	.08	.109	3.2	12.2	.09	536.6	.007	2	.92	.004	.15	<.2	.14	25	1.0	.10	3.7	.05
99X05189	2.54	42.18	9.00	233.6	146	43.9	11.3	443	3.42	8.5	.7	2.4	2.0	18.6	.57	1.28	.23	58	.07	.051	5.4	19.2	.23	384.3	.010	1	1.50	.004	.08	<.2	.11	37	1.2	.05	4.4	.04
99X05190	41.29	221.96	13.56	408.0	7398	71.7	5.6	293	3.29	51.1	26.4	5.8	3.0	471.5	15.52	31.54	.26	902	2.02	1.323	18.1	166.3	.12	1136.5	.017	7	1.54	.016	.22	.5	2.14	303	34.2	.53	8.0	.46
99X05191	27.26	101.23	11.94	238.2	5030	61.4	10.7	665	2.51	24.3	9.1	6.6	3.1	336.2	3.16	16.68	.22	602	.74	.559	13.4	79.8	.24	914.1	.022	3	1.87	.007	.11	.3	2.06	273	16.4	.28	6.2	.14
99X05192	2.61	33.03	13.29	129.7	339	24.4	11.8	438	2.97	13.5	.6	19.7	2.4	47.1	.60	1.23	.28	69	.08	.075	7.6	30.9	.36	423.5	.040	<1	1.75	.007	.08	.2	.26	53	2.1	.09	6.0	.06
99X05193	3.78	92.31	17.01	54.8	1030	8.8	4.1	206	3.27	8.6	.5	28.1	2.0	182.4	.28	1.42	.42	29	.03	.095	2.6	17.8	.04	482.2	.007	1	.51	.011	.36	<.2	.44	164	16.5	.19	2.0	.73
99X05194	2.12	203.79	19.25	409.5	218	107.4	35.2	740	6.22	11.6	1.7	35.5	4.7	211.1	1.04	2.09	.31	50	.05	.179	8.3	22.0	.12	895.1	.011	2	1.24	.005	.18	<.2	.25	119	4.3	.14	2.4	.23
99X05195	3.43	262.14	20.25	985.2	177	87.8	35.0	1015	6.66	6.8	1.4	23.5	2.0	18.1	2.65	1.53	.54	66	.07	.133	5.5	20.4	.13	1033.0	.015	1	1.28	.004	.06	<.2	.11	43	3.1	.15	5.4	.01
99X05196	2.88	117.57	20.88	294.3	755	68.6	15.3	572	4.56	17.0	1.0	12.8	3.0	50.2	1.54	1.90	.36	82	.11	.107	7.8	33.9	.39	611.0	.032	1	2.06	.008	.12	.2	.20	57	5.7	.14	6.3	.13
99X05197	2.41	62.52	10.18	135.7	466	37.4	10.7	259	3.00	11.6	1.0	26.1	4.1	22.7	.78	1.28	.20	64	.16	.102	8.8	27.7	.45	448.9	.028	1	1.84	.006	.07	.2	.20	179	1.2	.05	4.9	<.01
99X05198	8.81	400.54	17.17	580.9	673	100.6	16.2	158	4.40	13.5	3.2	69.8	1.3	95.1	1.04	4.66	.36	80	.07	.224	4.5	18.5	.05	289.0	.005	1	.80	.003	.11	<.2	.19	321	6.5	.23	3.0	.06
99X05199	5.37	406.37	23.75	533.6	391	139.9	53.8	1580	6.51	17.2	4.1	75.1	3.7	69.8	2.28	3.34	.32	74	.51	.457	9.5	20.5	.14	486.9	.010	3	1.48	.004	.13	<.2	.28	233	4.1	.23	3.6	.03
99X05200	1.53	61.75	10.63	87.1	200	30.5	10.3	282	2.87	12.2	1.0	19.7	3.6	18.7	.55	1.34	.43	67	.07	.050	9.7	34.5	.42	338.8	.039	2	2.02	.005	.07	.4	.19	63	1.0	.07	5.2	.01
RE 99X05200	1.62	62.98	10.93	88.1	193	30.7	10.5	281	2.93	12.9	1.1	21.5	3.9	19.2	.54	1.36	.24	68	.07	.050	10.2	33.3	.45	356.0	.042	2	2.12	.006	.07	.2	.17	71	1.2	.06	5.3	<.01
99X06170	2.61	39.68	17.35	85.0	242	35.8	11.0	501	2.60	10.5	2.0	8.0	3.1	48.7	.53	2.32	.27	49	.12	.052	9.4	22.8	.32	420.4	.028	2	1.03	.006	.10	.2	.13	356	1.2	.17	3.1	.05
99X06171	1.30	27.11	11.40	274.2	142	27.4	9.5	301	3.15	11.9	.5	1.4	3.7	9.8	.69	1.09	.25	76	.07	.023	8.2	36.8	.50	186.8	.044	1	2.36	.007	.07	.2	.12	44	.5	.04	6.3	<.01
99X06172	5.29	47.49	17.10	418.4	150	37.1	11.8	285	3.75	10.1	1.1	1.6	1.8	29.6	.88	2.59	.31	57	.11	.062	6.5	15.4	.13	309.6	.019	3	.80	.005	.19	<.2	.19	68	1.5	.09	4.3	.13
99X06173	6.74	95.68	16.13	337.1	628	141.4	33.5	726	5.77	18.6	1.9	8.0	3.3	40.6	1.45	3.89	.23	98	.05	.068	9.6	28.0	.18	644.6	.006	4	1.14	.005	.20	<.2	.40	628	2.7	.08	3.0	.18
99X06174	6.71	118.06	30.14	422.8	1476	138.3	27.4	456	5.20	34.9	3.8	6.1	3.4	126.6	3.09	6.81	.14	138	.25	.235	20.8	36.6	.06	1251.3	.002	7	1.14	.009	.28	<.2	.73	1092	3.3	.15	2.5	.37
99X06175	1.90	212.89	39.96	240.2	977	112.1	36.1	2284	6.92	46.6	1.7	28.8	2.6	157.0	1.37	11.83	.55	60	.44	.100	6.5	19.9	.11	842.5	.004	6	.73	.010	.37	<.2	.61	726	3.2	.24	2.6	.66
99X06176	1.38	196.64	26.54	144.7	809	78.1	33.2	1867	6.03	24.1	1.2	28.7	2.5	92.3	.56	6.49	.68	47	.51	.089	7.4	18.2	.13	1203.1	.004	5	.68	.006	.22	<.2	.43	481	1.9	.22	2.2	.27
99X06177	1.45	181.64	49.18	53.3	1786	136.5	43.3	1807	6.77	48.2	3.9	65.9	2.2	152.0	.28	9.15	.46	44	.48	.084	3.2	15.9	.07	382.5	.002	5	.65	.009	.40	<.2	.78	855	3.0	.24	1.6	1.02
99X06178	1.94	202.86	38.03	222.2	777	48.2	10.7	535	10.01	33.4	.6	22.0	3.4	16.3	.54	6.07	.46	134	.04	.102	6.0	36.9	.23	300.3	.028	2	1.61	.006	.12	.2	.30	199	8.5	.25	6.8	.13
99X06179	9.10	624.95	25.75	533.7	1099	96.4	23.4	1399	5.43	21.9	5.1	87.1	2.6	124.7	.83	6.09	.32	100	.66	.581	7.7	28.6	.05	1448.7	.003	6	.70	.003	.19	<.2	.33	1103	12.9	.43	2.2	.03
99X06180	16.38	427.06	23.71	464.5	1220	83.1	12.6	206	3.89	25.9	13.8	30.2	9.6	375.5	2.14	5.70	.43	114	1.30	.786	22.7	23.8	.14	3730.6	.005	12	1.18	.006	.40	<.2	.54	1390	6.5	.25	3.4	.09
99X06181	1.08	64.12	11.62	61.9	43	31.0	21.2	1788	3.68	7.5	.6	2.4	2.7	22.4	.17	.94	.27	39	.33	.047	8.9	16.7	.20	652.7	.009	2	1.32	.006	.13	<.2	.14	60	.4	.09	4.2	.02
99X06182	4.55	73.53	16.93	128.0	511	60.9	21.6	698	4.12	8.6	1.7	13.6	2.5	34.9	.32	1.46	.25	23	.76	.057	6.4	9.4	.17	512.9	.005	3	.55	.004	.13	<.2	.22	496	1.5	.08	1.6	.08
99X06183	2.03	40.57	10.15	81.4	186	24.8	12.3	583	2.50	4.3	1.0	1.5	1.9	25.5	.32	.92	.23	30	.50	.038	5.3	9.7	.15	247.5	.010	4	.54	.004	.12	<.2	.10	100	1.0	.05	2.6	.03
99X06185	7.46	528.29	24.49	451.8	1816	74.7	13.9	381	4.20	23.7	1.1	57.1	.9	25.4	.65	5.73	.44	65	.10	.112	4.0	25.9	.12	384.7	.005	3	1.07	.003	.13	<.2	.35	905	11.9	.32	4.0	.06
99X06186	4.06	188.86	19.84	298.0	703	43.7	13.6	360	3.93	15.3	1.0	9.2	1.9	45.3	.75	1.96	.30	83	.20	.146	7.4	30.2	.32	450.9	.021	3	1.34	.006	.13	.2	.28	151	4.7	.23	5.5	.08
STANDARD OS2	14.12	132.81	31.95	167.0	259	37.9	12.7	829	3.23	65.7	21.7	196.7	3.5	31.7	11.54	9.75	11.28	82	.55	.084	13.8	176.2	.62	148.3	.115	1	1.80	.038	.16	7.7	2.15	256	2.6	1.86	6.1	.02

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data A FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99X06187	4.20	225.42	24.27	155.1	931	40.6	12.3	298	3.48	10.6	1.8	44.7	3.8	60.9	.21	1.96	.30	49	.19	.105	9.8	17.7	.26	403.5	.009	6	1.27	.009	.33	<.2	.31	580	5.5	.19	3.2	.42
99X06189	.95	37.14	9.88	835.9	33	75.6	13.8	298	3.54	5.9	.6	3.3	2.2	11.9	1.38	.79	.29	80	.02	.064	15.2	25.4	.25	378.3	.023	2	2.32	.004	.07	<.2	.21	18	.4	.08	9.0	.02
99X06190	4.42	49.92	14.68	319.3	254	84.1	19.3	493	3.27	9.2	1.4	4.0	1.9	32.6	.77	2.54	.25	50	.11	.083	11.4	20.4	.30	272.4	.032	2	1.06	.005	.13	.2	.19	69	1.0	.06	4.2	.06
99X06191	9.54	39.73	10.25	450.5	358	68.8	11.2	325	2.77	16.0	4.2	6.3	4.7	51.5	1.70	4.52	.19	116	.28	.104	14.9	29.4	.43	411.6	.041	2	1.35	.009	.09	.2	.39	273	3.3	.07	3.9	.03
99X06192	8.13	163.40	8.53	911.1	106	108.1	15.2	255	6.51	12.3	1.1	14.2	3.9	7.5	.83	1.83	.30	38	.03	.078	16.6	17.1	.19	104.6	.019	2	1.27	.004	.06	<.2	.09	40	2.3	.11	3.6	.01
99X06193	4.20	154.29	20.45	143.6	350	68.3	5.2	131	3.51	16.6	3.0	5.8	5.1	514.3	1.35	1.87	.36	102	.12	.226	14.5	40.3	.14	1168.4	.005	3	1.48	.006	.27	<.2	.25	107	5.1	.20	3.1	.31
99X06194	8.27	62.27	14.82	157.6	1154	41.9	7.2	333	2.24	10.8	5.1	7.7	4.4	72.4	1.44	3.66	.23	114	.13	.057	19.7	27.6	.18	541.1	.011	4	.75	.004	.17	<.2	.33	324	2.3	.13	2.7	.13
99X06195	8.24	42.13	34.18	48.9	1504	17.3	2.8	56	1.85	12.4	3.5	14.0	.4	101.7	.31	3.77	.43	133	.08	.190	21.9	33.5	.10	847.5	.008	4	.78	.004	.18	<.2	.32	1010	2.7	.24	4.0	.14
99X06196	9.32	45.70	12.58	162.3	1049	30.2	9.4	377	2.34	11.5	3.1	9.7	2.6	40.9	2.00	3.59	.24	118	.22	.099	14.3	25.3	.36	403.0	.020	2	1.29	.007	.10	.2	.34	574	3.0	.08	4.3	.04
99X06197	26.24	51.89	16.06	418.5	482	68.6	10.7	283	2.80	23.4	4.1	4.8	4.2	66.6	1.26	13.88	.42	254	.12	.109	19.5	26.9	.23	298.0	.033	3	.96	.005	.13	.3	.80	146	6.7	.12	4.0	.05
99X06198	1.44	132.78	14.63	241.1	158	47.9	16.0	509	3.93	6.2	1.8	3.9	4.1	18.8	.73	1.04	.31	52	.04	.053	11.5	23.7	.29	244.6	.017	1	1.56	.004	.09	<.2	.13	96	.7	.06	5.1	.03
99X06199	7.01	52.01	14.69	342.5	239	75.3	29.2	1371	4.56	15.7	3.3	4.7	3.7	41.9	1.81	2.15	.27	97	.15	.177	12.0	34.9	.41	365.9	.038	1	1.92	.007	.10	.2	.20	104	1.1	.07	6.0	.05
99X06200	3.13	42.87	14.90	107.1	461	24.2	9.4	430	2.28	11.4	2.3	9.8	3.6	51.4	1.06	1.86	.29	72	.21	.071	15.3	31.4	.42	380.6	.058	1	1.60	.008	.07	.2	.21	265	1.8	.10	5.2	.01
99X06201	2.42	49.53	12.51	112.9	311	30.2	9.6	275	2.18	8.2	2.8	6.2	3.4	46.7	.90	1.57	.52	65	.27	.064	15.0	32.4	.50	442.8	.049	1	1.65	.011	.08	.4	.23	231	1.3	.08	5.0	.03
RE 99X06201	2.52	48.86	12.05	108.9	303	29.5	9.6	272	2.13	8.2	2.8	6.0	3.3	46.8	.85	1.57	.28	64	.26	.062	15.1	30.3	.49	433.2	.048	1	1.61	.011	.08	.2	.20	232	1.3	.07	4.9	.02
99X06202	2.24	35.46	11.61	86.9	295	23.1	9.3	262	2.09	8.9	1.9	5.8	2.4	31.8	.65	1.27	.26	59	.20	.063	13.6	27.7	.48	336.0	.035	2	1.57	.010	.07	.2	.16	225	1.4	.07	5.0	.03
99X06203	1.44	23.49	13.82	122.2	222	31.2	11.8	314	3.28	11.9	.6	3.7	3.6	12.1	.39	.97	.28	72	.10	.037	9.6	30.3	.50	370.0	.046	2	2.07	.009	.15	.2	.10	30	.4	.07	6.3	.01
99X06204	1.54	47.71	10.90	118.8	139	36.6	13.1	248	3.04	7.8	.6	2.9	3.3	13.8	.33	.97	.24	51	.10	.030	6.4	25.2	.40	425.7	.017	3	1.80	.009	.18	<.2	.11	34	.6	.06	4.7	.03
99X06205	12.20	74.21	14.25	265.6	1145	55.4	13.7	411	2.79	19.1	3.5	11.6	4.8	84.3	5.30	8.80	.29	137	.50	.086	8.6	12.0	.18	726.0	.003	5	.88	.006	.22	<.2	.46	563	3.3	.18	2.5	.19
99X06206	4.82	41.84	14.76	70.0	519	23.2	4.5	99	1.84	13.7	1.7	7.3	.4	62.6	.59	2.17	.25	98	.14	.094	8.0	22.9	.18	349.9	.019	2	.82	.005	.11	<.2	.22	136	1.9	.11	4.2	.14
99X06207	3.95	85.10	19.14	173.9	1081	65.3	16.2	233	4.53	18.0	.8	5.6	2.8	32.3	.33	1.90	.40	62	.04	.064	5.2	22.3	.23	318.8	.023	2	1.30	.005	.14	<.2	.18	81	2.3	.15	4.3	.12
99X06208	1.94	74.09	14.48	145.7	718	37.9	11.2	256	3.75	13.6	.7	3.4	3.3	15.3	.46	1.56	.31	81	.05	.038	7.2	32.2	.34	384.7	.042	1	2.23	.006	.06	.2	.14	76	1.0	.12	6.9	.04
99X06209	1.88	79.73	19.30	138.7	1119	56.6	12.8	302	3.41	15.4	.9	6.3	4.2	13.2	.28	1.58	.33	82	.08	.043	8.8	37.4	.56	393.5	.058	2	2.65	.007	.10	<.2	.15	74	.7	.12	7.4	.03
99X06210	2.36	298.14	16.74	403.0	333	73.2	11.0	130	3.63	14.0	3.5	9.8	2.2	49.5	1.32	1.74	.45	110	.02	.057	4.5	34.2	.12	408.7	.010	2	1.84	.005	.13	<.2	.17	51	2.0	.20	4.0	.12
99X06211	1.35	40.92	12.86	137.4	144	35.0	11.1	261	3.07	12.6	1.0	3.5	5.2	9.6	.26	1.11	.26	77	.07	.025	12.9	42.6	.62	263.7	.086	2	2.55	.011	.09	.2	.11	36	.6	.06	6.5	<.01
99X06212	1.86	45.53	10.04	317.7	84	34.9	9.4	216	2.76	10.9	.8	3.3	3.4	15.3	.41	1.12	.21	70	.11	.044	8.4	31.2	.53	431.8	.046	2	2.11	.008	.07	.2	.10	47	.7	.06	5.9	.01
99X06213	1.25	32.39	7.55	72.7	49	24.4	7.2	202	2.24	9.1	.9	5.7	3.6	16.1	.15	1.04	.15	53	.15	.036	9.9	26.8	.47	314.0	.046	1	1.52	.008	.05	.2	.08	35	.5	.03	3.8	<.01
99X06214	2.52	35.95	9.41	88.7	386	27.2	7.9	192	2.71	11.7	.9	4.0	3.8	32.3	.45	1.26	.21	76	.32	.118	10.1	28.3	.52	616.0	.051	3	1.69	.010	.16	.2	.14	76	.8	.05	5.2	.01
99X06215	4.37	43.43	12.79	101.6	587	39.5	8.3	226	2.88	13.7	2.0	5.1	3.2	102.0	.55	2.60	.21	143	.20	.169	10.5	32.4	.34	894.5	.019	4	1.45	.008	.19	<.2	.30	107	3.0	.09	4.1	.16
99X06216	11.12	90.31	11.34	118.3	663	39.1	9.4	209	2.12	20.3	6.6	4.4	3.0	63.6	.65	9.10	.16	192	.08	.068	6.4	21.2	.15	804.7	.007	5	.95	.004	.18	<.2	.49	213	3.0	.09	3.1	.10
99X06217	9.65	261.42	21.78	979.8	317	242.0	68.8	448	8.01	54.8	1.9	6.7	3.7	51.6	1.09	2.36	.46	91	.01	.089	3.8	40.0	.14	466.6	.006	3	2.13	.004	.13	<.2	.19	54	1.8	.20	5.1	.09
99X06218	4.08	127.50	16.35	323.8	708	105.7	29.6	979	4.06	21.6	1.2	6.7	5.8	15.5	1.54	1.74	.33	96	.09	.040	9.2	41.4	.49	562.5	.051	2	2.88	.007	.09	.2	.20	86	1.3	.10	6.8	.02
99X06219	2.58	70.84	12.60	398.5	317	73.1	18.5	540	4.01	15.0	1.5	2.6	2.4	23.6	1.75	1.30	.32	87	.12	.079	8.3	34.2	.42	788.3	.040	3	2.12	.007	.13	<.2	.14	44	.9	.10	6.9	.01
99X08000	5.41	48.18	14.07	112.8	525	31.0	6.0	111	2.94	14.1	2.9	5.3	4.8	57.8	.34	4.03	.26	95	.04	.090	13.2	30.5	.23	700.8	.018	3	1.82	.004	.09	<.2	.19	42	2.3	.07	4.3	.01
STANDARD DS2	13.76	128.10	32.07	163.0	260	37.6	12.5	810	3.13	61.9	21.4	195.4	3.5	29.9	11.66	9.87	11.38	82	.55	.081	13.5	163.2	.61	139.5	.114	2	1.75	.036	.17	7.3	2.17	263	2.5	1.90	6.2	.03

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data A FA ____

ACME ANALYTICAL

International Kodiak Resources Inc. PROJECT AREA 3/#12 FILE # 9902391 Page 5

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99X08001	5.41	33.73	12.54	74.4	526	26.0	11.3	339	3.09	42.6	7.2	12.8	3.1	28.5	.41	3.56	.29	322	.10	.104	11.9	34.6	.42	378.4	.039	3	2.00	.006	.09	.3	.98	149	1.5	.07	6.0	.06
99X08002	5.72	104.17	19.96	860.5	267	115.5	17.8	463	4.17	14.1	8.0	6.4	2.6	76.4	2.49	4.61	.39	60	.05	.130	12.4	20.9	.12	571.4	.012	3	1.03	.006	.25	<.2	.47	92	2.5	.10	3.8	.29
99X08003	3.75	34.82	12.44	195.4	528	34.0	6.0	121	1.58	5.5	1.8	3.9	.4	28.7	1.00	1.76	.21	32	.10	.077	9.6	20.0	.12	288.8	.010	2	.68	.004	.13	<.2	.19	240	1.3	.04	3.3	.06
99X08004	3.45	61.42	11.30	99.7	300	27.0	10.3	310	2.37	13.7	2.7	6.7	3.5	53.0	.77	2.11	.37	81	.18	.069	12.5	28.6	.44	504.0	.042	1	1.36	.008	.09	.2	.20	94	1.8	.07	4.5	.05
99X08005	64.80	176.11	25.99	655.5	2390	139.5	9.6	141	4.47	52.7	42.9	15.2	7.2	390.4	5.50	23.14	.36	444	.15	.261	24.8	49.2	.10	366.3	.008	2	1.27	.009	.28	.2	2.37	968	26.1	.30	3.4	.75
99X08006	3.34	98.08	10.28	85.0	131	33.9	7.8	118	2.29	19.5	2.1	9.2	3.6	71.3	.52	3.93	.22	92	.05	.058	10.1	39.5	.25	356.0	.030	1	1.50	.006	.08	<.2	.21	44	9.1	.08	3.4	.04
99X08007	2.65	59.13	9.35	93.8	440	30.1	7.6	207	2.69	13.1	.7	15.4	3.8	22.1	.69	1.45	.42	70	.06	.043	9.9	31.9	.41	164.7	.038	1	1.75	.006	.06	.4	.19	78	1.4	.07	4.7	.01
99X08009	12.21	91.46	15.43	44.4	2272	14.9	2.2	56	1.99	17.8	6.1	13.5	3.5	123.1	.64	6.87	.27	241	.09	.097	18.0	42.1	.11	687.2	.008	4	.95	.006	.20	.2	.78	682	19.5	.17	3.3	.40
99X08010	2.22	66.79	12.85	117.7	63	46.4	13.9	619	3.16	13.1	1.4	4.1	4.7	24.0	1.08	1.81	.24	70	.12	.039	11.2	33.8	.50	297.1	.028	1	1.95	.006	.09	.2	.16	37	.9	.05	5.2	<.01
99X08011	1.97	60.40	15.21	99.4	251	26.5	10.8	476	2.77	11.2	1.6	4.4	2.8	41.9	.85	2.08	.29	104	.17	.116	11.8	36.2	.39	476.5	.027	1	1.80	.005	.11	.2	.16	41	1.3	.07	5.7	.04
99X08012	1.87	37.06	9.81	74.6	100	23.6	7.0	204	2.67	9.9	.9	10.4	3.7	19.3	.65	.94	.24	79	.09	.030	11.2	27.2	.39	244.1	.052	1	1.51	.006	.07	.2	.13	40	.7	.04	5.6	.01
99X08013	4.26	25.18	12.26	125.8	135	32.1	9.8	296	3.57	13.4	.8	2.5	3.6	13.3	1.42	1.15	.28	80	.07	.045	11.4	29.8	.37	266.9	.040	1	1.90	.005	.07	.2	.14	47	.5	.04	7.3	.01
99X08014	6.76	25.18	11.53	156.2	409	37.0	10.8	452	3.26	13.6	1.3	2.4	3.4	26.1	1.48	1.99	.25	97	.10	.068	11.9	26.3	.36	269.1	.040	1	1.47	.006	.09	.2	.18	134	.8	.07	5.7	<.01
99X08015	4.37	102.13	13.14	196.0	297	69.4	20.3	414	3.45	17.2	3.9	11.3	6.7	20.7	.79	1.85	.29	101	.07	.043	11.4	55.9	.66	340.3	.087	1	3.52	.011	.08	.2	.19	140	1.1	.05	7.5	<.01
99X08017	2.31	41.41	14.52	114.9	123	28.3	15.4	461	3.16	15.7	2.5	7.6	6.4	24.3	.33	1.20	.30	81	.11	.034	15.6	51.0	.59	284.5	.094	1	2.60	.017	.07	.2	.15	205	1.0	.05	5.9	<.01
RE 99X08017	2.25	40.85	14.24	111.3	120	27.5	15.3	455	3.11	15.1	2.4	7.1	6.2	23.1	.32	1.18	.29	78	.11	.033	14.8	48.2	.57	272.5	.087	1	2.52	.015	.06	.2	.14	202	.8	.06	5.8	<.01
99X08018	4.69	34.06	17.31	107.8	202	26.8	7.9	284	3.01	17.9	1.3	9.5	2.3	57.6	.37	2.50	.29	96	.11	.075	12.7	38.5	.48	339.7	.049	2	1.64	.007	.13	.2	.25	104	1.9	.11	5.8	.11
99X08019	5.96	59.20	20.73	165.9	202	34.0	9.1	315	3.14	18.4	2.0	6.4	4.0	85.7	.99	2.65	.35	107	.08	.076	15.1	34.9	.38	481.7	.047	3	1.47	.008	.18	<.2	.34	111	2.3	.15	5.6	.09
99X08020	2.03	27.81	10.48	113.3	229	31.0	8.2	248	2.31	7.8	1.4	4.8	1.8	28.5	.56	1.15	.22	55	.18	.063	13.1	25.6	.42	308.8	.029	2	1.43	.008	.08	.2	.14	195	1.0	.04	4.5	<.01
99X08039	2.24	43.89	16.29	102.6	253	23.4	6.7	124	3.74	12.8	.3	2.7	3.0	36.6	.36	1.20	.29	67	.13	.055	8.2	25.0	.21	700.8	.023	2	1.11	.009	.22	<.2	.33	47	.9	.12	5.1	.38
99X08040	12.27	46.00	12.86	505.3	799	91.5	15.0	396	3.60	24.8	1.8	2.1	2.8	47.1	3.58	9.81	.20	138	.30	.119	12.9	27.6	.07	1172.3	.005	5	.81	.005	.15	<.2	.70	142	3.4	.08	2.9	.04
99X08041	14.57	97.65	10.91	400.9	4092	72.1	16.4	241	3.12	18.0	6.2	7.2	2.9	225.4	7.78	10.77	.17	307	1.41	.285	16.1	46.5	.08	2521.3	.004	6	.93	.006	.16	<.2	.97	633	9.9	.20	3.4	.19
99X08042	12.50	31.20	10.53	475.2	1017	53.3	10.2	224	2.92	28.4	1.6	3.7	3.3	28.0	2.55	11.60	.22	571	.20	.066	10.1	76.5	.50	472.9	.035	2	2.05	.007	.08	.2	.65	64	7.1	.13	7.5	.03
99X08043	8.38	23.09	12.45	158.6	1470	20.7	4.4	117	2.21	20.2	1.8	2.3	2.5	37.3	2.22	8.20	.25	389	.24	.112	8.5	39.0	.18	446.3	.030	2	1.25	.007	.10	.2	.78	94	5.3	.09	6.6	.08
99X08044	47.05	96.30	11.93	1909.8	5819	198.0	11.0	149	2.79	57.5	10.3	8.1	3.7	140.2	11.03	48.09	.24	1303	.96	.483	20.6	177.4	.26	1106.8	.030	5	1.85	.008	.11	.4	2.43	562	31.8	.32	9.7	.08
99X08045	16.74	43.24	9.75	1009.0	290	115.3	14.3	242	3.74	9.7	.9	2.9	2.5	20.7	.92	1.58	.23	86	.09	.073	7.7	29.9	.28	583.1	.012	4	1.49	.004	.09	<.2	.20	45	2.3	.06	4.8	.02
99X08046	7.21	36.76	12.96	271.5	228	31.4	4.6	156	2.21	13.1	.6	13.5	2.1	30.6	.24	2.46	.23	81	.07	.111	4.8	18.6	.18	171.9	.022	2	.88	.003	.08	<.2	.14	76	1.6	.11	3.8	.09
99X08048	1.76	24.33	13.13	98.7	384	35.2	13.5	267	3.45	15.8	.5	1.8	3.5	15.2	.24	1.00	.27	89	.11	.039	9.1	40.3	.59	439.5	.062	1	2.56	.008	.06	.2	.12	43	.4	.06	7.5	<.01
99X08049	1.49	30.52	12.56	85.2	217	30.8	10.3	256	3.13	13.9	.7	1.8	5.3	13.9	.11	1.05	.26	73	.08	.022	9.1	41.8	.55	444.9	.070	1	2.46	.007	.09	.2	.11	29	.5	.04	6.3	<.01
99X08050	1.63	18.37	14.72	29.8	306	9.6	3.3	58	1.61	8.3	.3	3.4	1.6	33.5	.06	1.00	.26	32	.03	.027	3.2	14.3	.12	392.2	.015	1	.91	.004	.10	<.2	.17	36	2.7	.08	2.7	.10
99X08051	1.54	27.37	10.02	74.7	154	29.2	10.4	237	2.85	13.3	.5	4.1	3.3	18.5	.14	1.14	.21	75	.11	.034	8.1	33.7	.55	501.5	.043	1	2.04	.007	.06	.2	.09	55	.6	.03	5.4	<.01
99X08052	1.82	35.78	9.78	77.0	552	32.8	9.3	185	2.76	15.9	.8	5.5	3.7	23.2	.16	1.46	.21	70	.09	.066	8.3	30.8	.50	353.1	.041	1	1.94	.006	.07	.2	.11	41	.8	.04	4.7	.02
99X08053	1.59	11.53	14.50	26.9	242	7.5	2.7	69	2.36	8.7	.3	3.1	1.5	19.4	.09	.99	.28	52	.02	.033	3.2	16.5	.10	253.6	.019	1	1.14	.004	.14	<.2	.20	39	1.1	.09	5.1	.20
99X08054	1.84	13.45	11.00	74.6	300	15.9	6.0	171	2.63	9.5	.5	2.7	2.6	27.9	.40	.78	.21	75	.11	.053	7.4	24.9	.32	320.9	.033	1	1.39	.008	.07	.2	.15	26	.6	.04	5.2	.08
STANDARD DS	14.76	130.32	31.86	164.2	266	37.9	13.1	821	3.16	64.6	20.9	196.7	3.5	30.5	11.62	9.60	10.98	83	.56	.081	13.6	163.8	.61	139.0	.114	2	1.75	.036	.16	7.5	2.11	252	2.8	1.83	6.0	.03

Standard is STANDARD DS2. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data d FA

ACME ANALYTICAL

International Kodiak Resources Inc. PROJECT AREA 3/#12 FILE # 9902391 Page 6

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99X08055	6.22	29.84	17.58	175.1	730	28.2	7.6	228	3.12	20.8	2.0	5.5	3.3	98.6	.86	3.25	.26	187	.24	.288	9.8	28.5	.24	651.6	.014	3	1.32	.006	.16	.2	.36	90	6.4	.17	4.6	.19
99X08056	4.66	64.94	20.38	146.6	257	49.9	14.5	185	4.09	11.9	.7	8.2	3.4	28.5	.26	1.90	.37	32	.05	.037	4.4	13.0	.13	391.4	.005	3	1.01	.005	.27	<.2	.30	156	2.6	.17	2.8	.33
99X08057	1.55	44.81	10.44	173.2	248	39.2	17.5	533	2.70	8.2	.4	1.8	1.9	9.5	.35	1.02	.27	42	.07	.031	6.4	12.9	.18	440.7	.016	2	.98	.003	.11	<.2	.10	22	1.0	.06	4.0	.01
99X08058	2.42	25.52	11.71	104.4	154	29.6	9.0	224	3.02	16.3	.6	4.5	3.2	13.5	.25	1.56	.25	82	.06	.025	7.2	30.3	.43	275.9	.029	1	1.93	.004	.11	.2	.12	24	1.2	.07	5.6	.01
99X08060	2.21	189.22	15.84	124.9	282	34.1	10.9	387	3.89	8.9	.7	22.7	.3	8.5	.33	1.33	.57	38	.03	.128	3.3	14.6	.08	212.9	.006	2	.93	.003	.09	<.2	.09	76	1.4	.30	3.8	.03
99X08061	2.44	169.61	29.11	200.7	568	74.1	23.9	716	7.01	19.7	2.4	13.8	3.0	32.2	.39	2.12	.55	76	.05	.103	7.7	31.8	.18	337.6	.017	2	1.84	.007	.17	<.2	.23	92	2.3	.25	5.9	.20
99X08062	5.98	95.26	18.45	153.8	314	58.4	25.7	636	4.31	9.7	1.6	6.3	3.7	24.1	.26	1.54	.35	26	.10	.057	7.2	6.7	.14	514.4	.003	3	1.12	.005	.18	<.2	.22	177	1.2	.12	2.6	.13
99X08063	2.68	94.17	15.91	196.4	294	56.9	28.3	590	4.18	8.3	.8	2.0	3.5	47.9	.23	1.48	.33	41	.09	.045	6.9	15.8	.17	428.6	.005	2	1.28	.005	.18	<.2	.14	39	1.0	.12	3.9	.12
99X08064	7.37	102.33	17.72	269.6	1132	88.7	25.0	478	4.55	7.5	2.0	13.6	4.2	53.3	.91	2.62	.43	38	.49	.069	6.8	9.9	.26	476.1	.002	3	1.14	.004	.16	<.2	.29	292	1.6	.10	2.3	.10
99X08068	13.67	68.50	25.31	154.6	445	55.7	11.6	642	4.20	24.0	3.6	8.9	4.6	73.7	.22	3.73	.61	84	.08	.060	10.9	23.0	.27	1078.8	.006	3	1.57	.007	.24	.3	.36	442	3.2	.30	4.7	.29
99X08069	10.81	51.77	15.97	107.4	85	56.7	14.3	364	3.60	15.3	2.9	10.9	6.3	12.8	.08	1.92	.32	82	.11	.025	9.3	35.6	.64	642.9	.020	2	2.80	.005	.19	.2	.30	100	.8	.08	7.3	<.01
99X08070	3.24	104.49	20.55	190.0	431	46.0	21.7	355	4.21	7.3	1.1	6.6	3.6	48.7	.54	2.49	.38	68	.30	.071	8.5	28.3	.44	870.2	.008	3	1.68	.006	.19	<.2	.20	83	1.3	.15	5.9	.10
99X08071	2.85	99.71	20.25	274.4	212	84.6	30.5	1007	4.67	8.0	1.1	9.2	2.3	19.6	.18	1.46	.38	36	.09	.083	5.4	14.1	.25	441.6	.006	2	1.27	.004	.13	<.2	.13	54	.7	.11	4.1	.09
99X08072	4.74	74.37	12.69	453.1	4203	88.9	7.7	473	2.15	16.8	5.2	5.3	1.5	96.7	1.00	4.52	.24	153	1.04	.382	8.8	64.2	.26	449.7	.016	3	.98	.006	.08	.2	.30	301	6.3	.14	4.4	.03
99X08073	6.37	58.08	27.25	73.0	680	42.2	9.7	2048	5.73	25.7	2.9	8.0	2.6	110.1	.41	3.29	.42	144	.36	.171	9.4	26.8	.18	130.6	.023	3	1.09	.014	.46	.2	.26	402	3.0	.36	5.5	1.02
RE 99X11142	3.79	26.69	14.59	82.3	117	16.1	10.0	417	3.95	7.9	1.1	1.8	2.8	13.6	.35	.83	.25	71	.09	.111	7.8	26.9	.50	304.3	.027	2	1.89	.004	.11	.2	.15	24	.5	.06	7.0	<.01
99X08074	11.23	103.25	26.83	196.1	325	64.4	33.6	3074	6.72	23.8	2.5	5.8	4.7	92.0	.49	3.50	.44	65	.08	.166	9.0	20.6	.13	833.9	.006	3	1.43	.007	.30	<.2	.32	132	2.2	.27	4.0	.45
99X08075	17.38	70.15	41.46	78.3	2006	44.3	7.3	154	6.30	41.8	2.1	9.2	4.1	118.0	.16	8.40	.50	111	.09	.119	8.4	15.1	.06	188.3	.002	5	.59	.012	.49	<.2	.62	767	4.6	.43	2.7	1.10
99X08076	3.73	116.60	11.16	150.5	389	54.0	16.4	385	2.97	6.0	2.0	17.2	5.4	95.7	.27	1.71	.33	23	.10	.079	12.5	8.7	.10	682.6	.001	2	.77	.007	.30	<.2	.33	167	1.3	.12	1.4	.41
99X08082	3.79	201.78	31.22	269.1	1189	124.3	46.1	750	6.29	12.3	2.9	46.7	4.7	59.4	.55	3.41	.45	31	.73	.070	8.2	13.3	.30	622.3	.002	5	.79	.006	.27	<.2	.28	545	2.7	.18	1.9	.25
99X11135	6.20	107.22	16.20	226.7	560	98.5	18.5	395	5.31	10.0	1.3	13.9	3.5	27.1	.81	2.74	.31	66	.05	.127	16.1	27.1	.14	1173.6	.003	2	1.19	.003	.12	<.2	.17	247	1.6	.10	4.7	.02
99X11136	5.31	369.02	24.81	201.0	361	76.8	20.4	337	7.19	10.4	1.0	20.6	.8	24.3	.27	2.67	.61	131	.06	.141	6.2	31.8	.12	330.6	.005	2	1.04	.004	.11	<.2	.22	130	2.4	.33	6.9	.02
99X11137	40.89	283.21	14.01	338.0	3486	65.8	2.5	65	1.45	29.9	17.3	8.5	1.7	158.6	19.08	43.64	.17	1637	55	.268	25.9	197.2	.16	1849.7	.015	6	.89	.004	.11	.3	1.94	5226	23.5	.42	5.2	.03
99X11138	35.89	330.74	16.25	365.1	9560	103.7	1.3	36	1.66	40.5	22.5	9.2	4.2	275.8	9.26	29.79	.22	1060	1.15	.605	29.0	236.5	.09	3482.3	.008	4	.99	.006	.12	.4	1.17	11582	29.4	.55	5.9	.08
99X11139	3.68	112.79	13.97	208.0	221	52.2	21.4	92	3.21	14.3	1.5	13.8	5.7	28.1	.39	2.82	.24	44	.14	.030	10.4	13.4	.14	462.5	.002	4	.98	.002	.24	<.2	.35	610	1.8	.04	3.1	<.01
99X11140	8.27	242.95	19.31	586.5	866	110.3	14.7	133	4.69	17.3	3.5	16.9	4.2	132.4	1.40	8.25	.30	127	.43	.216	14.9	21.1	.15	889.6	.004	3	1.27	.005	.23	<.2	.48	1326	10.9	.15	3.8	.15
99X11141	4.98	192.87	47.01	110.8	1084	56.2	32.9	467	5.92	18.5	3.5	40.7	11.3	68.5	.38	1.96	.39	53	1.19	.156	57.7	35.2	.73	881.9	.007	6	1.84	.005	.19	<.2	.24	517	2.1	.10	5.6	.09
99X11142	3.60	26.12	14.36	80.2	114	15.8	9.5	417	3.90	8.0	1.0	1.4	2.8	14.5	.35	.83	.26	72	.10	.109	8.0	28.0	.49	300.7	.029	2	1.88	.004	.12	.2	.16	40	.5	.06	7.2	<.01
99X11143	7.40	820.65	21.19	351.0	241	101.8	17.5	372	7.66	35.3	1.6	81.5	.7	25.6	.37	7.00	.52	112	.04	.085	7.0	37.3	.08	495.3	.010	2	.97	.003	.05	.2	.20	251	7.4	.29	5.6	<.01
99X11144	5.94	77.10	9.65	71.5	943	37.3	7.9	120	4.11	14.1	1.4	2.2	3.0	192.9	.77	3.25	.09	109	.55	.138	14.7	36.2	.24	369.2	.003	5	.99	.028	.30	<.2	.42	1475	3.8	.10	4.0	.63
99X11145	5.75	99.13	10.95	264.0	519	76.6	19.5	407	3.09	14.1	2.0	14.4	3.6	65.0	1.48	4.17	.27	54	.17	.072	9.6	18.9	.12	1463.4	.005	2	.66	.004	.11	<.2	.11	478	2.1	.12	1.7	<.01
99X11146	1.74	129.40	7.42	88.4	380	40.1	18.8	577	2.76	5.0	1.2	9.4	5.2	97.1	.27	1.44	.30	27	4.28	.086	13.0	15.9	.39	900.0	.002	4	.74	.004	.18	<.2	.11	288	.7	.11	2.2	.01
99X11148	2.77	158.26	20.94	133.6	77	62.7	16.0	229	5.37	32.9	.9	2.8	.5	24.7	.09	4.02	.48	70	.01	.072	2.4	26.2	.04	588.7	.010	2	.51	.003	.07	<.2	.16	60	2.3	.24	4.7	.05
STANDARD DS2	14.85	130.80	32.00	164.4	264	38.6	12.6	833	3.16	62.1	20.9	194.9	3.5	29.5	11.58	9.85	11.31	82	.56	.082	13.6	169.4	.62	141.2	.110	2	1.78	.036	.16	7.6	2.13	258	2.4	1.90	6.3	<.01

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data d FA ___

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.)
852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 3/#12 File # 9902392

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99R06184	.22	27.88	5.13	23.4	28	11.3	4.3	363	1.26	.5	.5	4.3	2.6	91.4	.08	.44	.21	4	3.23	.020	5.0	7.2	1.52	411.5	.001	8	.37	.014	.21	.3	.04	54	.3	.04	1.1	.35
99R08008	2.87	22.00	2.98	14.3	20	8.8	.7	44	.45	1.3	.2	13.6	.4	11.4	.03	.28	.09	5	.03	.009	1.6	26.4	.03	134.0	.001	2	.16	.004	.03	9.2	<.02	32	.3	.03	.4	.01
99R08016	2.85	18.17	1.88	38.4	25	9.9	9	73	.74	2.1	.3	22.9	.3	5.1	.08	.40	.06	6	.02	.009	.6	31.2	.04	105.8	.001	2	.14	.004	.03	10.6	<.02	29	.3	.03	.6	.02
99R08047	4.10	53.04	4.30	536.5	69	71.0	19.6	388	6.25	5.9	1.0	7.6	.9	12.7	.19	.54	.11	38	.03	.019	1.0	28.3	.02	279.3	.002	3	.28	.003	.06	8.4	.04	72	1.9	.03	1.2	<.01
99R08059	2.88	46.12	1.94	108.2	32	17.9	1.9	91	.67	.9	.4	7.9	.6	15.6	.97	.16	.05	4	.09	.008	.7	29.7	.05	116.2	.001	3	.17	.003	.07	11.0	<.02	18	.3	<.02	.5	.02
99R08065	3.13	39.85	6.06	1649.6	648	91.9	22.9	564	19.59	3.6	9.8	3.0	4.0	26.3	.87	2.00	.29	30	.45	.028	15.5	19.8	.33	430.9	.002	8	.97	.008	.25	.2	.14	107	<.1	.04	2.1	.03
99R08066	5.59	15.59	3.34	6.8	895	11.6	2.0	81	.72	2.8	.2	4.4	.2	14.6	.02	.53	.07	4	.02	.003	<.5	41.9	.01	137.9	.001	2	.05	.004	.04	19.0	.06	102	1.9	.10	.3	.21
99R08067	9.02	23.03	2.96	40.0	454	17.6	2.1	88	2.27	7.2	.5	3.8	.7	15.8	.34	4.72	.05	27	.04	.005	1.1	39.6	.03	121.2	.002	4	.17	.005	.09	17.2	.14	193	6.2	.02	.7	1.33
99R08077	2.88	25.83	13.72	345.0	155	47.9	14.0	853	3.51	2.0	4.0	2.1	28.5	140.1	.75	1.36	.46	117	3.51	.154	75.8	71.7	1.37	900.6	.005	<1	.87	.012	.08	1.4	.15	121	1.5	.06	2.7	.01
RE 99R08077	2.82	25.80	13.66	346.3	150	47.7	13.6	854	3.51	1.5	3.8	2.5	27.6	131.2	.70	1.29	.17	116	3.52	.154	74.6	70.4	1.31	857.7	.005	<1	.84	.011	.08	1.2	.12	126	1.5	.05	2.7	.03
99R08079	3.45	34.76	22.54	461.4	147	68.7	15.8	785	5.19	1.4	5.3	.6	26.9	115.1	2.40	1.12	.06	156	2.46	.147	51.3	91.6	1.90	2758.4	.413	<1	2.31	.036	1.07	1.3	.45	24	1.0	.02	7.7	.04
99R08079 A	3.25	47.93	7.28	242.5	118	24.5	4.2	133	2.16	6.3	.5	6.3	.9	18.6	.39	1.10	.15	41	.02	.039	2.1	21.6	.04	773.3	.007	5	.40	.004	.14	5.0	.09	122	1.4	.06	2.0	.08
99R08080	26.77	177.86	10.08	424.6	3203	73.2	3.5	78	1.43	46.2	20.9	6.5	1.4	149.9	20.98	32.88	.13	1299	1.24	.497	14.9	146.9	.13	1688.9	.009	14	.76	.007	.23	3.9	1.08	553	22.9	.25	4.8	.13
99R08081	6.31	41.89	6.23	73.5	7136	68.2	.8	66	.81	7.5	7.3	1.6	1.9	356.9	.57	1.37	.12	129	3.01	1.194	7.6	173.1	.22	722.6	.010	14	.54	.010	.20	7.2	.13	592	12.8	.16	2.5	.18
99R11147	.15	14.61	.64	2.3	15	1.6	4.5	1081	6.86	<.1	<.1	1.4	.3	531.0	.02	.06	<.02	<2	22.32	.005	4.6	2.5	3.01	1964.3	<.001	<1	.05	.006	.02	<.2	.03	18	.3	.05	.1	.04
STANDARD DS2	14.27	132.33	31.99	158.7	267	37.4	13.1	834	3.29	66.2	20.5	193.6	3.4	29.0	11.42	10.39	11.02	79	.57	.083	13.7	170.5	.60	143.1	.115	2	1.82	.040	.15	7.4	2.18	255	2.9	1.94	6.2	.02

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: ROCK Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 22 1999 DATE REPORT MAILED: July 29/99 SIGNED BY. C. Leong .D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

*results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data A FA

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.)
852 E. HASTINGS ST. VANCOUVER BC V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 3.2/#14 File # 9902394

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE #	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
2900E 6550N	11.34	82.48	14.31	186.5	1145	70.6	17.3	489	2.80	9.1	3.0	6.8	2.3	59.3	2.59	3.12	.34	85	.84	.062	6.4	17.9	.29	657.0	.005	4	.82	.005	.11	<.2	.24	269	2.5	.11	3.5	.08
2900E 6525N	23.15	102.33	9.69	39.6	2095	13.1	.2	3	1.73	34.3	17.4	.7	2.3	257.1	.27	11.80	.27	353	.11	.235	9.2	119.9	.04	233.7	.001	4	.36	.007	.14	.2	.46	554	14.0	.22	2.1	.40
2900E 6500N	9.90	110.73	16.50	533.7	772	121.7	34.1	670	4.68	8.4	4.8	18.2	3.7	63.7	3.64	2.46	.29	36	.85	.072	8.6	15.9	.37	612.3	.003	3	1.21	.004	.14	<.2	.24	462	2.6	.13	2.6	.12
2900E 6475N	5.84	151.07	16.28	396.8	957	115.9	34.6	701	4.24	8.8	7.6	24.2	4.0	66.8	3.50	1.91	.27	32	.90	.082	12.6	19.0	.34	1132.2	.002	2	1.44	.004	.12	<.2	.19	652	1.7	.09	3.2	.10
2900E 6450N	6.06	294.61	30.37	1819.8	1557	307.6	64.9	638	11.29	7.4	10.2	36.8	6.2	27.3	8.68	2.62	.30	96	.34	.066	7.9	17.1	.28	409.8	.001	2	3.00	.004	.12	<.2	.07	316	10.2	.21	1.8	.14
2900E 6425N	27.44	79.79	28.59	226.4	163	42.2	8.2	229	3.82	32.8	4.7	3.6	3.3	91.7	.64	4.25	.29	133	.08	.104	10.4	31.0	.12	396.0	.002	3	1.00	.005	.17	<.2	.27	134	4.1	.25	3.9	.18
2900E 6400N	11.87	69.02	21.06	207.3	98	59.8	28.2	840	4.76	17.2	1.9	3.9	2.8	14.9	.22	3.22	.51	58	.11	.077	8.8	30.2	.46	467.7	.013	3	1.53	.004	.18	<.2	.30	202	2.7	.20	6.7	.05
2900E 6350N	6.73	92.53	21.28	269.6	384	77.7	34.8	903	5.41	12.6	1.9	9.7	4.2	34.6	.54	2.61	.41	54	.14	.082	8.3	30.4	.42	468.0	.008	3	1.70	.005	.19	<.2	.23	172	2.5	.12	5.9	.11
3000E 6550N	10.05	101.91	12.09	278.2	808	54.8	11.0	391	2.67	17.7	8.8	6.0	3.6	72.8	3.06	5.76	.24	129	.56	.134	10.3	28.1	.34	540.4	.022	3	1.06	.009	.13	.2	.33	251	3.3	.13	3.1	.14
3000E 6525N	9.25	125.03	17.56	274.7	2507	53.2	6.4	225	2.41	80.8	18.0	6.3	3.1	144.0	2.96	6.07	.23	347	.86	.486	12.7	120.5	.27	626.6	.020	5	.95	.010	.13	.3	.33	574	8.9	.29	4.7	.17
3000E 6500N	29.34	182.67	15.96	624.0	9375	142.0	11.8	350	3.13	32.5	17.9	5.4	4.9	134.6	7.93	10.11	.53	257	.77	.271	18.0	73.6	.28	800.9	.012	3	1.11	.006	.14	.4	.66	874	14.6	.31	4.0	.16
3000E 6475N	5.14	93.63	16.39	195.7	419	45.6	17.0	303	4.23	9.4	2.6	8.8	4.1	47.6	.93	1.63	.34	46	.40	.067	10.7	22.9	.31	487.6	.003	2	1.45	.006	.10	<.2	.22	235	1.1	.11	4.3	.09
RE 3000E 6550N	9.47	98.44	11.62	267.5	762	52.6	10.3	379	2.58	17.9	8.5	5.9	3.4	68.5	2.99	5.49	.23	119	.54	.129	9.6	27.7	.33	522.7	.020	3	1.01	.010	.12	.2	.32	258	3.1	.12	2.9	.12
3000E 6450N	.56	170.04	30.04	164.0	1072	62.5	22.8	328	6.51	4.8	1.6	36.4	4.8	87.6	.19	1.42	.34	11	.27	.047	6.4	9.7	.30	374.0	.002	2	.83	.023	.32	<.2	.16	362	2.5	.18	1.9	.57
3000E 6425N	8.01	128.25	20.03	313.6	678	76.5	27.6	472	4.03	11.4	3.8	13.0	6.2	82.4	1.84	2.53	.38	37	.30	.106	14.2	24.2	.31	571.7	.002	2	1.42	.006	.15	<.2	.23	421	1.5	.14	3.5	.14
3000E 6400N	3.29	103.80	36.47	173.8	49	37.9	21.5	773	4.68	19.0	1.3	2.7	3.9	37.3	1.44	1.33	.40	55	.04	.092	10.5	20.0	.18	455.3	.012	3	1.63	.004	.17	<.2	.13	60	.8	.19	5.2	.14
3000E 6350N	4.85	83.48	15.40	201.7	151	48.0	24.0	635	3.94	9.1	1.6	5.5	3.0	73.0	.52	1.66	.31	39	.84	.061	6.5	19.4	.40	508.1	.011	3	1.16	.008	.16	<.2	.16	95	1.3	.11	4.6	.11
3000E 6325N	6.45	96.03	14.02	185.8	326	51.7	20.8	652	3.90	9.2	2.4	6.1	2.8	37.5	1.55	1.45	.30	35	.39	.069	9.6	21.0	.26	575.2	.007	3	1.24	.006	.15	<.2	.21	147	1.1	.10	4.5	.08
3000E 6300N	2.94	110.56	19.24	530.8	72	66.3	23.3	862	5.36	7.9	1.7	3.9	3.4	17.9	1.87	1.08	.38	64	.14	.077	8.2	24.0	.27	344.8	.004	3	1.87	.005	.12	<.2	.12	54	.9	.12	4.8	.06
STANDARD DS2	14.57	127.23	30.60	159.2	252	36.1	12.7	818	3.14	62.8	20.8	191.2	3.5	29.4	11.51	9.70	11.19	75	.56	.081	13.4	166.1	.57	137.7	.107	2	1.73	.036	.16	7.3	2.04	242	2.7	1.95	6.1	.01

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: SOIL Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 22 1999 DATE REPORT MAILED: July 30/99 SIGNED BY. C. Leong .D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

...ults are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data f FA ___

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 3.2/#14 File # 9902395

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99R03052	1.93	125.49	6.97	955.1	288	193.2	27.7	224	5.34	2.2	8.8	.9	4.5	63.9	2.57	.49	.14	85	.40	.118	6.4	20.9	.40	497.1	.006	7	2.59	.010	.25	.4	.05	82	2.8	.04	2.6	.07
RE 99R03052	1.98	130.58	7.37	989.4	292	200.0	27.6	231	5.55	2.1	9.0	.9	4.7	65.3	2.61	.52	.14	88	.42	.124	6.4	21.3	.42	519.0	.005	7	2.71	.010	.25	.4	.05	84	2.8	.06	2.7	.08

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: ROCK Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 22 1999 DATE REPORT MAILED: July 30/99 SIGNED BY: C. Leong .D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

esults are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data FA

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.)
852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 3.3/#15 File # 9902396

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99S12075	1.34	28.74	5.73	81.2	184	20.8	8.0	210	1.69	3.8	1.6	6.6	3.7	42.1	.44	.68	.12	40	.75	.085	18.1	25.5	.90	602.8	.021	4	1.36	.009	.12	.2	.13	181	.9	.03	4.6	.05
99S12076	1.74	34.01	7.58	97.7	226	23.2	8.4	177	1.86	3.4	3.3	5.6	3.2	69.2	.61	.72	.13	43	1.20	.096	17.8	29.3	1.07	527.3	.013	5	1.48	.008	.14	<.2	.14	237	2.9	.04	5.1	.12
99S12077	1.17	42.62	7.66	88.8	241	23.6	8.2	233	1.78	2.9	2.2	11.5	3.1	78.6	.54	.70	.13	38	1.21	.091	18.2	26.8	.91	495.5	.014	5	1.36	.008	.12	<.2	.13	237	1.8	.04	4.5	.09
99S12078	1.15	30.90	6.67	83.4	182	21.2	7.6	205	1.76	2.3	1.3	7.8	3.5	57.3	.48	.65	.11	35	.95	.092	16.4	23.3	.80	452.6	.014	4	1.23	.007	.12	.3	.11	177	1.4	.03	4.1	.07
99S12079	1.37	43.71	8.27	98.8	249	25.7	9.3	289	1.98	2.6	1.6	7.0	3.9	69.5	.70	.79	.14	41	1.15	.098	18.2	25.4	.91	465.3	.013	5	1.37	.007	.15	<.2	.13	230	1.8	.04	4.7	.09
99S12080	1.09	35.36	7.41	87.0	198	22.8	8.0	203	1.87	1.8	1.2	5.8	3.7	63.4	.52	.68	.12	36	1.03	.094	16.5	21.2	.81	432.6	.014	4	1.24	.007	.12	.2	.11	199	1.5	.03	4.3	.08
RE 99S12080	1.12	35.43	7.20	86.8	190	23.0	8.4	205	1.86	1.5	1.2	6.1	3.7	65.0	.51	.68	.12	37	1.03	.095	16.6	22.5	.82	439.7	.014	5	1.24	.007	.12	.2	.11	195	1.6	.03	4.2	.08
STANDARD DS2	14.57	127.23	30.60	159.2	252	36.1	12.7	818	3.14	62.8	20.8	191.2	3.5	29.4	11.51	9.70	11.19	75	.56	.081	13.4	166.1	.57	137.7	.107	2	1.73	.036	.16	7.3	2.04	242	2.5	1.95	6.1	.02

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: SILT Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 22 1999 **DATE REPORT MAILED:** July 29/99 **SIGNED BY:** D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data 1 FA ___

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.)
852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 3.4/#16 File # 9902397

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99X04106	2.03	52.45	4.50	113.9	174	77.8	38.0	940	6.55	5.4	.6	2.1	3.6	24.0	.57	.75	.12	215	.33	.119	15.8	84.8	1.50	7314.7	.012	8	3.78	.017	.14	<.2	.19	241	.4	.03	12.4	.01
99X04107	1.52	56.67	7.65	112.7	188	60.0	44.3	743	5.68	6.3	.4	.3	2.1	22.1	.52	.65	.13	177	.25	.085	8.6	63.6	.79	9151.7	.009	5	3.01	.012	.14	<.2	.28	96	.5	.06	11.6	.04
99X04108	3.08	73.60	13.92	171.0	195	57.3	23.2	619	4.53	8.0	1.0	4.5	2.2	22.6	.64	1.97	.31	50	.11	.058	6.7	21.6	.19	502.8	.013	4	1.19	.007	.15	<.2	.21	78	1.1	.09	4.0	.08
99X04109	1.92	44.37	11.35	102.5	59	44.6	14.7	340	3.14	6.4	.7	2.0	4.3	15.3	.12	1.14	.23	36	.09	.021	8.8	24.5	.38	464.6	.020	2	1.59	.008	.15	<.2	.14	54	.7	.07	4.1	.01
99X04110	2.19	29.03	12.28	151.9	237	44.3	16.2	379	2.95	7.5	.9	2.2	3.7	17.1	.40	1.35	.33	62	.24	.036	8.6	25.6	.38	589.5	.018	4	1.75	.007	.13	<.2	.21	71	.8	.07	4.9	.01
99X04111	2.65	114.37	12.50	179.6	620	32.7	7.6	227	2.87	11.0	.9	19.7	3.0	22.2	.48	1.52	.27	74	.10	.101	7.9	31.7	.32	542.1	.027	3	1.67	.007	.09	<.2	.21	276	5.6	.12	5.5	.02
99X04112	1.63	47.92	14.53	122.5	309	32.1	15.8	761	4.15	12.2	.7	2.4	3.3	16.3	.28	1.43	.41	66	.08	.051	10.1	29.2	.34	465.7	.042	4	1.66	.008	.11	<.2	.17	61	.8	.10	5.9	.01
99X04113	.94	108.58	15.97	131.0	396	21.7	11.1	232	3.46	4.2	.4	12.7	.7	15.4	.62	.92	.47	39	.06	.077	3.4	14.6	.15	462.6	.010	5	.98	.005	.16	.3	.14	86	1.0	.18	3.9	.01
99X04114	10.32	225.15	17.06	285.5	364	55.7	16.7	150	4.19	16.7	3.3	28.5	2.9	139.1	.66	2.66	.40	73	.31	.337	6.4	18.6	.13	859.4	.006	8	1.20	.005	.32	<.2	.45	430	3.5	.18	4.1	.07
RE 99X04111	2.52	112.21	12.41	174.7	615	32.1	7.2	222	2.82	10.8	.8	18.2	2.8	20.7	.45	1.44	.28	73	.10	.099	7.3	30.2	.30	500.4	.025	3	1.56	.006	.08	<.2	.21	266	5.6	.13	5.4	.01
99X04115	4.05	132.30	10.63	234.3	583	50.4	13.9	589	3.08	10.4	3.1	24.2	8.5	80.2	1.25	1.66	.21	41	1.33	.137	11.4	12.1	.11	982.3	.002	10	.74	.006	.26	<.2	.35	642	2.0	.06	1.7	.21
99X04116	9.98	170.16	76.63	208.4	1429	139.8	32.5	2830	7.52	17.5	3.9	9.2	3.2	213.5	2.95	3.74	.31	97	.09	.318	12.2	21.2	.04	1154.6	.004	3	1.52	.005	.16	<.2	.42	728	5.4	.25	1.9	.27
99X04117	4.34	292.80	14.41	387.6	786	195.4	48.3	1926	12.13	8.5	1.5	24.8	3.9	25.4	1.98	1.76	.20	102	.17	.147	17.5	41.3	.11	1536.6	.010	2	1.54	.003	.13	<.2	.27	372	3.5	.06	1.7	.06
STANDARD DS	14.36	128.70	28.81	162.0	250	37.9	12.2	809	3.12	61.8	18.5	207.6	3.4	27.9	11.11	9.44	10.53	82	.55	.081	12.0	168.8	.62	141.2	.116	4	1.79	.037	.16	7.4	2.09	240	2.5	1.82	6.0	.03

Standard is STANDARD DS2.

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: SOIL Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 22 1999 DATE REPORT MAILED: Jul 29/99 SIGNED BY ..D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

...ults are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data A FA

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 4/#17 File # 9902398 Page 1

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
5200E 11250N	3.37	78.77	13.91	128.5	267	25.9	5.7	155	3.05	14.3	.6	2.2	.1	16.7	.57	1.51	.34	80	.08	.068	5.4	20.6	.04	209.2	.018	2	.62	.005	.09	.2	.12	185	2.0	.12	5.3	.10
5200E 11225N	9.14	61.31	13.16	84.8	1716	27.5	5.6	147	2.49	16.5	2.4	18.2	.7	39.2	.74	5.34	.25	163	.12	.088	8.4	27.8	.19	596.0	.012	3	.88	.004	.14	<.2	.55	1087	3.2	.10	3.9	.12
5200E 11200N	22.70	65.25	19.57	125.7	3396	24.3	2.6	52	2.67	37.9	3.9	11.5	.8	117.2	1.23	18.03	.25	325	.03	.081	4.2	39.5	.04	485.5	.003	4	.43	.006	.32	<.2	1.79	745	7.2	.20	3.5	.58
5200E 11175N	2.53	79.66	11.14	120.6	679	29.5	13.9	448	2.76	6.7	2.7	15.5	.3	53.2	.90	1.14	.21	60	.29	.320	14.0	22.3	.27	605.4	.007	3	1.37	.006	.18	<.2	.28	262	1.3	.05	4.5	.04
5200E 11150N	7.76	87.71	14.67	172.2	163	43.2	18.8	482	3.46	14.3	2.3	11.7	1.9	47.8	.55	2.23	.26	89	.26	.157	12.1	29.0	.67	344.6	.022	4	1.57	.005	.27	<.2	.52	170	1.7	.12	5.8	.03
5200E 11125N	1.65	20.67	13.56	59.1	43	13.5	8.7	532	3.44	9.7	.5	3.3	1.0	11.3	.26	.60	.46	76	.09	.079	9.6	26.9	.39	125.8	.048	1	1.40	.005	.08	.2	.14	41	.6	.06	7.3	.01
5200E 11100N	10.30	127.00	12.96	330.9	170	87.8	19.7	579	3.80	15.4	1.6	29.5	4.6	35.4	1.67	2.68	.26	91	.16	.126	11.3	32.6	.53	427.5	.048	2	2.01	.007	.09	.2	.44	155	2.6	.11	5.2	<.01
5200E 11050N	1.28	81.42	11.27	47.9	125	18.5	6.3	202	3.07	13.1	1.1	20.1	3.9	14.3	.12	1.44	.27	68	.05	.037	8.3	31.6	.30	192.5	.036	1	1.25	.004	.07	<.2	.16	462	2.0	.12	3.9	.02
5200E 11025N	2.55	106.61	16.74	201.2	192	35.0	10.2	174	6.24	14.3	2.0	15.5	2.2	15.0	.31	2.42	.40	88	.05	.072	4.9	40.1	.18	233.9	.019	1	1.01	.004	.10	<.2	.17	129	2.7	.21	4.9	.05
5200E 11000N	1.97	78.70	16.48	107.5	265	32.3	9.6	269	3.78	16.0	1.0	8.1	3.7	26.5	.11	1.66	.28	66	.07	.034	7.4	33.5	.41	365.7	.045	1	1.64	.006	.17	<.2	.27	81	1.4	.11	5.0	.14
5200E 10950N	9.35	88.54	38.64	273.3	2292	77.2	17.0	542	4.55	24.3	6.4	21.6	4.2	302.8	2.34	5.04	.76	140	.10	.200	11.8	29.9	.14	819.7	.007	2	1.32	.010	.27	.3	.68	1063	4.7	.36	3.0	.44
5200E 10925N	4.94	148.96	17.20	281.3	107	60.3	20.5	326	4.10	13.9	2.6	20.9	7.9	55.1	1.25	3.02	.30	106	.14	.103	11.2	31.0	.52	619.6	.016	5	1.69	.005	.26	<.2	.54	75	2.9	.08	5.3	.02
5200E 10875N	4.88	66.48	22.93	146.2	170	42.2	26.9	921	4.23	11.9	1.6	4.8	.7	26.9	.31	2.25	.34	75	.08	.156	9.1	27.0	.27	346.3	.014	3	1.27	.005	.15	.2	.21	78	1.8	.14	4.3	.07
RE 5200E 10950N	9.03	84.32	36.28	256.8	2108	71.8	15.8	512	4.28	22.4	6.0	22.3	3.7	270.5	2.17	4.94	.45	129	.09	.187	10.9	25.3	.13	744.1	.006	2	1.18	.009	.25	<.2	.60	975	4.5	.33	2.8	.41
5200E 10850N	4.39	63.66	17.02	142.7	482	68.6	23.3	893	3.59	9.6	2.2	13.6	4.7	33.8	.45	2.03	.29	45	.57	.058	14.9	28.6	.73	767.2	.014	3	1.58	.006	.23	<.2	.31	305	2.5	.07	4.8	.03
5300E 11250N	2.44	48.46	9.81	76.4	109	26.9	12.0	411	2.79	13.3	.8	12.6	3.5	20.8	.27	1.43	.21	47	.14	.066	6.5	24.0	.32	223.1	.032	1	1.51	.006	.09	.2	.11	95	1.7	.09	2.7	.07
5300E 11225N	17.29	181.29	24.03	209.1	1367	40.9	8.9	281	5.76	31.5	3.2	31.6	2.9	44.3	1.17	9.43	.42	241	.10	.110	7.7	46.0	.18	850.4	.018	2	1.10	.007	.27	<.2	.97	308	7.3	.21	5.5	.38
5300E 11200N	5.00	159.64	17.36	267.0	427	51.0	11.7	369	4.34	12.7	1.1	26.2	1.7	36.5	.64	2.36	.30	87	.11	.134	8.1	30.6	.23	456.2	.018	2	1.08	.004	.13	<.2	.30	139	3.7	.13	4.9	.06
5300E 11175N	20.05	368.90	19.82	585.5	787	215.6	25.3	880	6.51	16.4	3.1	32.2	5.2	165.1	3.02	5.78	.26	135	.49	.330	12.3	40.5	.22	2632.9	.005	6	1.21	.005	.33	<.2	.84	798	7.3	.26	3.8	.07
5300E 11150N	5.02	186.68	20.34	213.9	440	67.6	20.3	440	5.85	11.9	1.3	17.2	4.2	29.4	.77	2.33	.36	81	.12	.101	8.7	33.3	.51	515.1	.027	4	1.93	.005	.22	<.2	.38	198	2.5	.13	6.2	<.01
5300E 11125N	1.70	63.56	15.80	117.8	65	31.6	14.2	586	3.50	13.6	.9	16.5	2.9	16.5	.30	1.42	.27	72	.11	.063	10.8	34.8	.41	176.6	.057	1	1.76	.007	.09	.2	.14	90	1.2	.07	5.2	.01
5300E 11100N	1.83	304.29	29.08	324.3	435	107.0	28.9	504	8.15	15.9	1.0	12.5	3.6	36.5	.60	1.99	.50	86	.05	.226	5.9	50.9	.16	620.8	.009	2	1.81	.004	.09	<.2	.20	221	3.4	.30	4.8	<.01
5300E 11075N	2.01	70.88	22.09	42.9	268	16.7	5.2	161	2.84	13.5	.9	31.7	3.5	43.6	.06	1.50	.37	87	.06	.048	6.9	37.0	.33	721.6	.030	2	1.42	.006	.14	<.2	.37	300	2.5	.16	5.1	.13
5300E 11050N	1.57	43.82	15.60	68.5	125	26.0	10.1	345	3.10	17.6	1.4	19.6	5.8	19.6	.14	1.34	.28	74	.08	.035	12.8	38.3	.47	288.4	.068	2	1.61	.007	.09	.3	.24	289	1.4	.06	4.8	.06
5300E 11025N	1.33	77.31	12.46	177.4	67	77.7	18.8	866	4.35	15.4	1.4	9.1	6.1	23.8	1.14	1.29	.26	84	.09	.047	11.5	41.9	.48	332.9	.053	1	1.88	.007	.08	.2	.15	115	1.2	.07	4.6	.01
5300E 11000N	1.43	45.29	18.73	77.7	215	28.0	7.5	206	2.49	13.9	1.3	17.5	3.0	267.9	.71	1.38	.37	93	.12	.190	7.8	29.4	.36	976.1	.025	1	1.96	.006	.10	<.2	.35	67	1.1	.16	3.7	.04
5300E 10975N	5.01	282.37	19.14	333.7	119	90.3	27.8	557	5.08	12.3	4.5	44.5	15.3	105.1	.86	2.13	.33	70	.15	.178	18.2	28.9	.22	1157.6	.004	4	1.48	.004	.33	<.2	.47	216	3.3	.12	4.9	<.01
5300E 10950N	21.17	90.75	17.64	14.1	2564	16.0	1.6	38	1.44	21.6	4.9	10.2	2.0	59.5	.26	11.72	.28	355	.05	.066	9.0	68.2	.11	1008.5	.006	5	.95	.004	.19	<.2	.49	275	10.3	.19	6.9	.17
5300E 10925N	22.79	156.14	32.83	35.2	681	17.3	2.7	82	3.67	18.9	5.6	7.6	3.8	72.7	.47	3.01	.37	53	.05	.129	16.4	15.8	.08	327.9	.003	3	1.08	.020	.50	<.2	.64	245	4.4	.18	2.5	.76
5300E 10900N	8.40	96.99	26.14	165.3	334	75.5	49.1	2068	5.47	11.0	2.5	6.4	4.2	21.4	.51	2.06	.30	63	.08	.092	14.3	28.3	.33	456.1	.014	2	1.59	.005	.16	<.2	.39	171	1.4	.11	5.0	.05
5400E 11250N	3.15	92.82	13.32	138.0	124	42.8	14.6	604	3.32	18.9	1.3	12.8	3.4	41.7	.58	1.56	.28	53	.06	.053	7.7	27.0	.26	425.4	.025	2	1.40	.007	.16	<.2	.24	125	2.6	.10	3.8	.15
5400E 11225N	1.99	74.39	12.54	125.6	139	45.1	12.4	330	3.16	9.2	.9	14.0	4.1	19.0	.39	1.50	.22	53	.12	.040	9.1	29.1	.44	337.7	.039	2	1.55	.006	.08	<.2	.13	70	1.2	.09	3.4	<.01
5400E 11175N	8.57	110.12	19.33	259.4	810	69.2	21.9	405	4.21	19.9	1.9	23.1	4.5	94.1	1.42	4.57	.27	122	.06	.089	6.6	35.1	.21	1060.1	.008	2	1.33	.005	.24	<.2	.69	165	4.2	.12	4.0	.21
5400E 11150N	5.61	215.04	21.99	333.4	292	95.5	17.8	313	6.54	15.8	1.3	27.7	2.5	27.9	1.43	2.20	.41	87	.06	.080	4.6	36.3	.16	756.6	.011	1	1.15	.005	.10	<.2	.25	144	2.9	.17	4.1	.06
STANDARD G52	13.37	129.98	30.90	164.3	250	38.2	13.0	824	3.16	64.4	20.8	191.8	3.4	30.0	11.57	9.77	10.98	82	.55	.081	13.5	168.5	.63	140.7	.115	2	1.78	.037	.16	7.5	2.16	253	2.6	1.83	5.9	.02

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: SOIL Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 22 1999 **DATE REPORT MAILED:** July 30/99 **SIGNED BY** C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data d FA

ACME ANALYTICAL

International Kodiak Resources Inc. PROJECT AREA 4/#17 FILE # 9902398 Page 2

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
5400E 11125N	8.98	161.03	15.46	300.7	278	62.9	29.8	838	3.66	13.8	3.2	35.4	5.6	80.9	1.06	3.73	.27	109	.54	.292	10.2	28.3	.49	431.3	.017	7	1.69	.005	.32	<.2	.52	162	3.2	.10	5.8	.03
5400E 11100N	14.85	331.85	15.63	532.3	482	163.0	24.9	1076	5.96	14.8	2.4	44.5	3.0	57.8	1.84	4.98	.28	86	.14	.176	8.0	25.6	.14	934.5	.005	2	.94	.002	.12	<.2	.55	386	5.4	.23	2.8	.04
5400E 11075N	2.39	140.39	17.27	244.0	83	66.0	18.6	542	5.10	16.2	1.0	9.7	3.5	19.4	.36	1.76	.32	62	.07	.049	7.2	28.8	.31	231.1	.043	1	1.47	.005	.09	<.2	.17	81	2.2	.12	4.6	.06
5400E 11050N	3.63	85.55	18.88	191.6	263	60.6	20.2	791	4.98	28.9	.8	2.6	3.0	37.8	.56	2.47	.34	135	.08	.065	6.3	39.6	.34	419.9	.036	1	1.91	.007	.15	.2	.26	53	2.9	.13	6.8	.17
5400E 11025N	2.93	21.66	7.17	54.7	213	20.0	5.9	154	2.01	13.6	.8	12.4	2.7	18.9	.17	2.54	.16	72	.15	.057	7.3	22.2	.40	212.0	.038	1	1.01	.006	.06	.2	.16	470	2.1	.05	3.3	.04
5400E 11000N	2.34	136.30	18.33	196.2	220	41.4	17.4	268	5.81	20.5	.7	6.9	2.5	47.9	.30	2.37	.46	77	.02	.071	5.9	32.9	.14	467.0	.017	1	1.26	.002	.08	<.2	.12	85	2.9	.24	4.7	.03
5400E 10975N	3.41	64.68	12.23	44.0	139	12.7	5.6	282	1.92	8.6	.8	15.6	3.1	144.0	.20	1.43	.46	55	.05	.102	7.7	25.0	.18	1037.6	.020	2	1.04	.003	.08	.2	.21	35	2.9	.16	3.3	.05
5400E 10950N	1.21	192.20	10.91	66.4	29	19.5	10.8	536	2.97	5.2	.7	9.8	4.3	16.3	.17	.76	.24	43	.08	.068	7.4	23.3	.55	257.3	.031	3	1.32	.004	.16	<.2	.11	23	.5	.08	4.4	.01
5400E 10925N	2.94	46.43	18.05	91.4	193	34.1	11.3	377	3.07	17.8	1.1	6.9	4.1	54.8	.20	2.27	.30	58	.18	.084	10.7	27.2	.42	643.7	.040	2	1.26	.008	.14	.2	.16	163	1.3	.13	3.9	.14
5400E 10900N	1.75	30.87	8.22	82.0	75	31.9	9.0	274	2.52	11.5	1.1	5.8	4.0	29.3	.22	1.69	.46	70	.23	.091	11.2	31.6	.53	427.0	.048	1	1.49	.007	.07	.4	.16	119	.8	.05	4.2	.01
5900E 2625N	78.79	468.09	16.47	1407.9	11555	206.0	13.0	828	2.54	107.5	44.3	7.1	1.0	316.6	85.99	69.59	.26	2093	1.54	.962	23.0	269.9	.11	1330.9	.009	17	1.19	.014	.23	.4	2.43	2281	62.5	.63	8.8	.33
5900E 2600N	94.55	546.84	15.44	1259.9	11262	210.6	9.5	233	1.65	99.9	48.6	4.2	2.2	241.1	69.47	73.13	.22	2856	1.47	.692	25.8	320.1	.09	835.3	.015	21	.84	.010	.19	.4	1.64	2653	79.1	.58	8.1	.26
5900E 2575N	64.24	512.36	14.04	500.3	14436	126.3	1.6	35	1.78	77.4	51.3	4.0	3.9	295.5	56.09	48.73	.19	1896	1.68	.839	28.7	366.5	.06	1991.7	.012	15	.79	.010	.16	.5	1.21	2199	54.1	.62	7.4	.29
5900E 2525N	1.71	124.32	17.99	104.4	118	44.8	23.2	2135	5.44	24.7	1.3	6.3	2.3	49.1	.71	1.95	.43	34	.17	.053	5.3	10.3	.07	669.1	.002	3	.66	.004	.22	<.2	.34	195	.8	.12	1.5	.27
5900E 2500N	.50	105.53	7.91	100.2	55	42.9	18.9	1276	4.47	11.3	1.0	11.5	3.7	30.0	.16	1.05	.50	17	.05	.029	6.9	6.7	.06	534.1	.001	1	.52	.003	.10	<.2	.10	128	1.4	.09	.8	.02
5900E 2475N	1.84	39.97	14.94	67.8	297	25.6	16.7	812	3.25	9.0	.4	11.1	2.1	25.3	.24	1.73	.24	46	.20	.048	6.7	20.9	.22	533.9	.014	2	.82	.004	.06	<.2	.10	192	1.1	.08	3.4	.01
RE 5900E 2475N	1.79	37.66	14.67	66.6	293	25.4	17.1	780	3.09	8.6	.4	10.9	2.1	26.1	.23	1.76	.22	44	.20	.046	6.9	19.8	.21	534.3	.015	2	.81	.005	.06	<.2	.10	185	1.1	.06	3.5	.02
5900E 2450N	3.39	217.13	26.23	168.1	1072	89.8	15.6	318	4.17	21.1	1.3	24.1	2.9	116.9	.60	4.01	.38	51	.14	.152	10.6	24.9	.03	3320.3	.001	3	.48	.003	.07	<.2	.23	759	4.8	.22	1.7	.03
5900E 2425N	3.04	39.11	16.78	28.2	389	20.4	5.7	393	2.26	9.7	1.1	5.3	1.0	32.0	.22	1.01	.22	40	.17	.122	7.2	19.0	.07	378.5	.006	3	.72	.004	.07	<.2	.13	494	1.7	.09	3.5	.07
6000E 11250N	29.04	104.05	17.77	438.0	230	170.8	21.9	1262	5.09	28.7	4.8	8.1	5.0	94.0	3.77	5.57	.31	135	.19	.089	13.9	22.7	.18	1360.3	.011	2	1.20	.004	.12	.2	.22	1121	7.8	.18	3.1	.06
6000E 11225N	4.55	39.75	10.62	180.6	879	53.1	10.4	245	3.01	19.1	4.0	15.0	4.3	179.0	.98	3.25	.22	247	.46	.286	11.3	44.8	.45	341.2	.036	2	1.63	.007	.08	.3	.25	278	3.0	.12	5.0	.07
6000E 11200N	4.08	111.72	17.36	515.7	168	97.2	20.8	325	4.63	16.2	1.5	18.9	3.1	51.5	1.85	1.80	.29	84	.07	.076	5.9	38.3	.28	192.0	.026	2	2.12	.005	.09	.2	.17	111	2.1	.13	4.3	.07
6000E 11175N	2.73	105.00	13.13	331.4	83	64.3	16.4	330	3.85	13.0	1.2	11.6	3.8	15.8	1.55	1.58	.27	59	.05	.034	7.7	27.7	.35	164.5	.036	1	1.42	.004	.06	<.2	.15	83	1.5	.10	3.9	.02
6000E 11150N	18.91	248.34	14.69	364.2	1120	118.2	20.8	303	4.00	18.3	3.0	25.0	4.2	60.4	1.42	5.02	.23	88	.62	.078	11.4	27.1	.24	989.5	.005	3	1.51	.004	.14	<.2	.46	588	11.8	.18	3.4	.03
6000E 11125N	9.47	100.20	15.06	174.8	472	51.1	16.0	425	3.59	15.5	2.7	18.6	4.9	63.6	.80	2.32	.23	85	.78	.174	10.4	27.5	.64	771.4	.021	5	1.45	.006	.23	<.2	.36	351	2.5	.12	5.2	.03
6000E 11100N	2.88	70.33	9.94	106.2	502	30.1	8.7	235	2.31	7.5	2.1	28.0	2.6	48.4	.70	1.27	.21	56	.64	.088	9.3	24.3	.38	675.5	.023	2	1.15	.006	.09	.2	.19	364	1.6	.08	4.1	.04
6000E 11025N	12.66	233.54	19.17	369.0	2402	100.1	24.3	789	3.84	13.7	2.5	60.7	3.3	88.1	3.02	3.96	.30	83	.59	.248	13.2	30.9	.24	961.1	.013	4	1.63	.004	.15	<.2	.67	920	4.9	.14	4.4	.07
6000E 10975N	3.50	215.30	20.28	105.2	60	31.9	7.6	161	5.26	22.1	1.5	19.1	4.3	25.1	.11	2.54	.40	82	.03	.042	6.4	40.9	.14	291.0	.016	1	1.06	.003	.05	<.2	.17	74	2.8	.23	4.3	.03
6000E 10950N	2.39	57.98	18.66	68.9	71	29.7	11.9	335	3.44	23.8	.8	12.9	5.0	27.1	.12	1.81	.37	71	.07	.041	9.3	38.2	.37	352.5	.033	2	1.87	.005	.08	.2	.18	85	1.8	.14	5.6	.01
6000E 10925N	2.48	41.14	13.96	47.8	166	16.6	6.9	203	2.41	23.3	.6	10.6	2.6	30.6	.09	1.19	.26	47	.05	.042	5.1	24.3	.24	253.3	.024	1	1.10	.004	.09	<.2	.21	189	1.7	.11	3.7	.08
6000E 10900N	1.96	43.88	14.25	80.8	35	31.2	11.9	344	3.07	12.2	1.1	13.1	4.9	18.8	.14	1.21	.24	61	.09	.022	9.2	33.3	.55	294.8	.059	1	1.70	.007	.07	<.2	.13	47	.9	.07	4.6	.01
6100E 11300N	2.81	29.38	8.47	111.1	131	24.2	9.6	342	2.22	9.4	1.4	7.4	4.3	23.0	.41	1.76	.16	67	.20	.063	11.2	24.7	.40	199.2	.053	1	1.19	.007	.05	.2	.13	68	.8	.03	3.6	.01
6100E 11275N	2.75	31.43	11.29	115.0	125	36.8	14.4	432	2.77	9.3	1.0	6.4	3.2	20.4	.34	1.11	.20	54	.14	.039	9.1	22.6	.33	360.7	.027	1	1.24	.005	.08	<.2	.12	71	.8	.06	3.9	.02
6100E 11250N	2.93	53.04	11.48	149.3	267	50.8	16.3	337	3.35	8.1	1.3	9.2	3.4	27.7	.32	1.29	.23	49	.15	.041	8.7	28.1	.37	326.9	.024	1	1.37	.006	.11	<.2	.16	109	1.1	.09	3.8	.03
STANDARD DS2	13.53	130.37	30.69	163.9	254	38.0	12.9	816	3.16	63.5	20.8	198.3	3.5	29.5	11.51	9.59	11.08	82	.55	.081	13.5	166.8	.62	141.9	.116	2	1.79	.038	.16	7.6	2.14	250	2.5	1.99	6.1	.03

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
6200E 11150N	2.90	73.33	11.81	118.6	235	45.1	16.3	397	4.09	8.1	1.8	16.9	4.8	38.0	.38	1.11	.23	39	.29	.031	9.5	26.7	.40	366.8	.041	2	1.11	.011	.15	<.2	.17	307	.8	.05	3.4	.10
6200E 11125N	4.11	137.55	16.97	230.2	304	61.0	20.9	608	4.29	9.7	1.4	37.5	4.8	21.8	1.39	1.85	.30	61	.15	.076	12.8	33.5	.35	179.5	.037	1	1.42	.005	.08	.2	.19	139	2.7	.14	3.8	.01
6200E 10950N	1.43	54.07	11.55	70.3	109	20.5	8.7	299	2.62	7.3	1.0	9.4	3.7	28.9	.22	1.14	.22	52	.19	.049	10.2	27.3	.37	285.8	.061	2	1.22	.008	.06	.2	.10	91	.9	.07	4.0	.01
6200E 10925N	1.84	63.76	9.94	95.0	90	26.0	9.7	298	2.65	5.2	.9	14.2	3.8	23.3	.36	1.24	.19	53	.21	.065	10.4	26.1	.38	228.8	.058	1	1.21	.007	.06	.2	.12	46	.7	.06	3.8	<.01
6200E 10900N	1.57	45.76	9.27	181.7	112	43.0	14.1	377	3.14	5.7	1.6	7.6	5.0	33.3	1.61	1.20	.22	56	.37	.078	12.9	34.0	.56	591.5	.077	1	1.43	.011	.08	.2	.17	87	.5	.04	4.5	.01
RE 6200E 10900N	1.57	46.54	9.24	180.0	111	42.3	14.6	370	3.08	5.8	1.6	6.6	5.0	34.4	1.66	1.17	.22	55	.36	.077	13.6	33.7	.57	611.2	.078	2	1.48	.012	.08	.2	.17	90	.5	.04	4.4	<.01
STANDARD DS2	13.65	127.70	29.90	162.5	250	36.2	12.6	808	3.20	61.4	20.9	199.3	3.4	29.9	11.47	9.33	10.93	74	.56	.082	13.0	158.6	.55	133.7	.118	1	1.69	.036	.16	7.4	1.98	234	2.4	1.87	5.9	.01

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data FA

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 4/#17 File # 9902399

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99R01005	3.59	16.30	1.46	24.7	11	10.2	1.3	63	.89	.5	.1	1.1	.5	6.3	.04	.17	.04	6	.01	.010	.9	30.8	.02	266.5	.001	2	.18	.004	.07	13.0	<.02	13	.2	<.02	.7	.01
99R01006	.96	39.10	4.92	99.0	29	22.6	6.2	147	1.83	.2	.1	1.3	1.4	63.2	.29	.16	.09	13	.01	.030	2.9	15.2	.05	695.7	.004	5	.67	.009	.17	1.4	.04	10	.3	.02	2.2	<.01
RE 99R01006	.95	38.76	4.77	96.8	26	22.0	6.0	145	1.78	.1	.1	1.0	1.3	60.8	.29	.15	.09	13	.01	.029	2.7	16.1	.04	675.8	.004	4	.64	.009	.16	1.4	.04	10	.3	.02	2.0	<.01

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: ROCK Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 22 1999 DATE REPORT MAILED: July 30/99 SIGNED BY ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data FA

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.)
852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 5/#18 File # 9902400

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99X08021	1.04	27.11	11.84	108.1	150	27.0	10.6	204	2.42	7.7	1.1	4.0	2.2	22.6	.43	1.21	.28	58	.25	.065	13.2	33.3	.54	471.9	.038	1	1.66	.010	.06	.3	.14	66	.5	.04	5.2	.02
99X08022	.76	20.60	9.29	61.7	92	16.1	6.5	129	1.94	9.4	.8	5.4	3.1	19.7	.26	1.06	.19	45	.25	.078	13.0	25.2	.40	233.9	.050	1	1.20	.010	.05	.5	.09	59	.6	.02	3.7	.01
99X08023	.92	20.94	8.78	64.1	76	19.0	7.5	146	2.17	10.8	.8	3.5	3.0	20.7	.26	1.01	.17	46	.27	.077	12.6	23.2	.39	263.9	.047	<1	1.16	.009	.05	.3	.09	43	.5	.02	3.5	.01
99X08024	.87	20.96	8.72	61.1	41	22.5	8.3	260	2.09	10.7	.9	2.0	4.0	24.8	.13	.95	.17	39	.38	.080	12.0	25.1	.44	410.5	.062	1	1.08	.011	.05	.2	.07	33	.4	.02	3.4	<.01
99X08025	.80	15.32	8.13	51.1	80	15.8	6.9	156	1.92	7.7	.6	5.2	.6	24.8	.19	.57	.17	36	.32	.068	10.2	21.3	.38	200.5	.031	<1	1.21	.009	.04	.2	.09	43	.6	.03	4.0	.01
99X08026	.94	27.29	7.75	66.5	63	23.9	8.5	324	2.20	11.4	.6	2.9	4.5	26.6	.19	1.13	.16	38	.37	.083	13.4	23.5	.44	263.5	.062	1	.98	.012	.05	.2	.07	40	.4	.03	3.2	<.01
99X08027	.65	21.80	7.25	58.6	55	18.5	8.7	218	2.01	8.8	.7	7.0	3.2	21.4	.22	.74	.35	35	.28	.078	13.9	24.6	.43	279.6	.056	1	1.19	.009	.04	.3	.09	28	.6	.03	3.4	<.01
99X08028	.98	23.15	8.70	65.6	80	21.2	7.3	165	2.34	8.0	.7	3.1	.8	17.7	.23	.75	.19	47	.22	.063	11.3	26.5	.44	209.8	.039	1	1.44	.009	.05	.2	.09	46	.7	.03	4.5	<.01
99X08029	1.00	30.88	7.92	69.1	81	25.2	8.3	331	2.35	12.1	.6	4.9	4.2	28.3	.27	1.12	.17	41	.40	.088	12.1	25.8	.43	337.2	.060	<1	.96	.014	.05	.3	.07	32	.2	.02	3.1	<.01
99X08030	.82	23.62	7.41	63.0	52	22.8	7.2	250	2.20	9.4	.6	2.8	3.0	25.2	.20	.83	.47	41	.34	.073	12.6	25.3	.44	303.0	.060	<1	1.15	.010	.04	.4	.10	28	.5	.05	3.4	<.01
99X08031	1.24	40.43	12.51	103.2	155	36.8	12.1	542	3.03	16.7	.7	5.8	4.5	32.6	.32	1.46	.27	58	.46	.080	14.9	35.7	.58	566.9	.077	1	1.46	.018	.06	.4	.10	59	.4	.06	4.4	<.01
99X08032	1.06	30.37	9.15	78.6	113	28.2	8.6	371	2.53	11.8	.6	10.2	3.5	28.4	.21	1.12	.20	47	.38	.078	13.0	28.5	.49	446.2	.067	<1	1.22	.013	.05	.2	.09	49	.1	.03	3.7	<.01
RE 99X08032	1.01	29.47	8.94	77.0	107	27.7	8.6	367	2.48	11.3	.5	4.4	3.2	26.6	.20	1.06	.18	45	.37	.078	11.9	27.1	.46	422.9	.060	<1	1.15	.012	.05	.2	.08	48	.4	.03	3.5	<.01
99X08033	.90	19.21	8.41	56.0	74	20.7	6.7	204	2.19	10.4	.6	6.3	1.7	20.5	.16	.72	.17	41	.28	.065	10.1	22.8	.39	275.8	.039	<1	1.17	.008	.04	.2	.08	40	.4	.02	3.6	<.01
99X08034	1.01	28.29	9.06	75.7	87	25.0	8.8	340	2.42	11.4	.6	4.2	3.1	25.9	.17	1.04	.19	46	.36	.073	12.4	27.7	.48	375.6	.064	<1	1.25	.012	.05	.2	.08	43	.5	.02	3.7	<.01
99X08035	.92	23.96	8.23	64.2	66	21.7	7.1	237	2.27	10.0	.6	3.7	2.0	22.6	.16	.85	.17	44	.29	.066	12.7	26.6	.44	245.4	.056	<1	1.29	.009	.04	.2	.08	40	.5	.04	3.9	<.01
99X08036	1.17	33.60	10.18	81.9	117	30.1	10.2	407	2.77	13.2	.8	5.3	3.6	30.2	.15	1.11	.21	55	.37	.071	14.9	34.0	.55	469.7	.069	1	1.49	.012	.05	.2	.09	46	.5	.03	4.4	<.01
99X08037	.86	23.85	8.22	66.3	61	23.0	7.6	272	2.27	9.5	.6	2.8	2.7	25.1	.21	.88	.15	44	.33	.071	12.6	26.3	.45	291.2	.063	1	1.17	.010	.04	.2	.07	26	.4	.03	3.5	<.01
99X08038	1.08	29.55	9.80	80.7	86	26.1	9.1	376	2.50	11.0	.7	3.5	4.4	28.0	.21	1.05	.18	46	.37	.083	13.8	26.8	.48	383.1	.070	1	1.18	.014	.05	.3	.07	35	.4	.05	3.6	<.01
STANDARD DS2	13.65	127.70	29.90	162.5	250	36.2	12.6	808	3.20	61.4	20.9	199.3	3.4	29.9	11.47	9.33	10.93	74	.56	.082	13.0	158.6	.55	133.7	.118	1	1.69	.036	.16	7.4	1.98	234	2.4	1.87	5.9	.01

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: SOIL Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 22 1999 DATE REPORT MAILED: July 30/99 SIGNED BY ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data dFA

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 6/#19 File # 9902401 Page 1

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99X03027	6.50	137.62	23.53	232.2	43	70.1	32.8	512	5.00	17.2	1.1	7.3	8.6	60.6	.60	23.62	.51	75	.05	.032	31.9	30.8	.25	483.8	.006	<1	1.43	.005	.07	<.2	.19	192	1.4	.13	3.1	<.01
99X03029	1.04	26.67	10.19	75.1	33	34.4	15.6	794	2.98	7.1	.6	5.0	3.9	16.9	.19	.93	.18	56	.19	.060	12.4	35.4	.63	405.6	.032	<1	1.85	.006	.06	<.2	.10	40	.6	.03	4.4	.01
99X03030	.65	16.45	13.05	61.5	72	25.9	12.7	408	2.80	5.3	.6	2.1	3.2	26.9	.14	.51	.19	34	.61	.104	17.3	30.2	.69	367.3	.018	<1	1.68	.009	.07	<.2	.07	54	.4	.02	4.3	<.01
99X03031	.78	17.76	13.20	65.0	46	29.4	13.6	508	2.68	5.8	.6	1.4	6.6	12.6	.08	.50	.17	32	.19	.064	15.0	30.3	.68	237.2	.014	2	1.83	.006	.07	<.2	.10	57	.3	.03	4.2	<.01
99X03032	.55	8.65	15.73	47.0	70	13.9	7.6	588	2.37	4.8	.7	.4	2.1	58.8	.26	.28	.14	38	1.32	.098	19.1	23.1	.18	320.4	.012	1	1.41	.007	.05	<.2	.10	75	.4	.04	4.0	.04
99X03033	1.12	52.79	18.15	73.0	43	31.1	19.7	1003	3.01	11.2	.8	3.8	4.2	15.9	.25	2.22	.26	51	.12	.056	13.3	32.0	.59	182.4	.040	3	1.88	.006	.06	<.2	.11	58	.9	.08	4.8	<.01
99X03034	6.36	106.18	22.62	250.0	51	58.0	25.7	1731	5.50	21.2	1.2	3.7	2.8	42.2	1.04	3.15	.45	81	.04	.093	7.8	26.9	.15	653.7	.022	<1	1.29	.003	.06	<.2	.22	128	1.5	.20	5.4	<.01
99X03035	.50	13.74	11.97	58.2	52	23.2	11.5	356	2.37	4.4	.6	.5	8.6	80.7	.10	.45	.12	27	2.55	.070	17.3	28.9	.73	426.6	.020	2	1.40	.010	.10	<.2	.09	34	.3	.03	3.5	.02
99X03036	1.24	21.45	13.85	67.0	47	28.2	13.0	624	2.98	7.9	.6	1.9	2.6	12.1	.12	.73	.22	48	.12	.062	8.8	30.2	.52	365.3	.014	<1	1.91	.006	.06	.2	.15	31	.6	.05	4.4	<.01
99X03037	.99	22.14	13.60	71.7	73	28.7	11.4	762	3.15	6.5	.7	3.0	4.1	15.5	.10	.62	.19	47	.10	.074	11.5	37.2	.81	349.4	.014	1	2.32	.006	.08	<.2	.15	65	.7	.04	5.6	.01
99X03038	12.26	42.58	39.41	125.3	46	21.6	7.0	131	3.35	19.7	1.3	1.9	5.3	13.8	.35	2.36	.36	39	.06	.034	6.3	17.3	.22	264.4	.009	2	1.32	.004	.11	<.2	.23	61	3.9	.09	3.3	.03
99X03039	1.40	23.87	15.16	64.2	40	26.6	14.4	660	3.33	8.8	.6	4.4	6.0	11.9	.17	.83	.22	61	.12	.039	11.2	37.6	.74	772.7	.016	2	2.67	.006	.07	<.2	.15	38	.6	.04	7.1	<.01
99X03040	1.19	20.23	15.43	86.3	93	23.8	16.6	822	3.06	8.7	.6	3.1	2.0	10.5	.34	.80	.19	58	.12	.066	10.1	31.6	.70	270.5	.030	2	1.80	.007	.08	<.2	.15	35	.4	.03	5.9	<.01
99X03041	1.71	19.99	12.19	74.2	68	19.0	13.2	495	3.33	10.2	1.0	2.7	3.1	10.0	.52	.88	.34	73	.09	.060	10.3	39.2	.59	318.0	.050	4	2.20	.007	.07	.4	.24	56	.9	.03	6.7	<.01
99X03042	1.27	30.42	21.25	163.8	35	33.0	29.9	461	4.10	7.3	.9	3.4	7.0	7.2	.48	1.05	.25	78	.05	.049	11.0	35.9	1.21	347.4	.028	6	2.63	.006	.20	<.2	.21	67	1.5	.05	7.5	<.01
99X03043	1.74	20.01	11.90	65.7	62	18.7	8.5	282	3.27	11.7	.5	4.6	4.0	9.3	.48	1.02	.26	71	.07	.044	8.7	30.5	.46	358.3	.043	5	1.81	.006	.06	<.2	.13	110	.7	.06	6.6	<.01
99X03044	.47	42.31	20.40	72.7	20	31.5	17.5	1438	3.43	4.2	.6	1.0	8.5	18.9	.17	.53	.23	40	.11	.096	14.7	34.8	.87	1062.7	.018	4	2.17	.008	.16	<.2	.10	32	.7	.05	6.2	<.01
99X03045	10.98	87.69	14.81	246.3	2248	86.7	10.1	543	4.09	17.2	2.3	16.6	5.4	71.8	2.84	3.84	.19	87	1.33	.245	22.3	40.0	.28	794.8	.009	5	2.25	.014	.16	<.2	.49	616	4.9	.13	3.2	.16
99X03046	1.37	16.70	11.75	46.5	78	18.1	6.7	295	3.00	12.8	.5	4.5	2.0	9.1	.17	1.05	.20	66	.08	.032	8.9	25.8	.32	138.8	.042	6	1.42	.005	.04	.2	.10	60	.7	.04	5.9	<.01
99X03047	1.68	34.70	13.79	77.1	43	32.8	11.9	471	3.02	13.1	.8	4.8	4.1	14.2	.35	1.34	.21	66	.12	.034	10.3	34.0	.53	297.6	.049	5	1.92	.008	.06	.2	.11	40	.8	.06	5.3	<.01
99X03048	1.66	41.20	13.38	76.5	141	37.3	12.6	295	3.00	10.9	.6	10.3	4.4	10.2	.66	1.33	.19	61	.08	.029	9.0	35.9	.50	250.1	.052	4	2.33	.006	.07	.2	.13	61	.9	.06	4.9	<.01
99X03049	2.76	33.45	17.59	90.1	88	20.6	11.1	415	3.78	9.9	.7	4.6	1.1	14.1	.44	1.18	.24	84	.16	.200	8.4	31.4	.61	208.3	.027	6	1.40	.005	.14	<.2	.20	59	1.2	.06	4.9	<.01
99X03050	2.80	109.15	18.83	118.5	52	49.3	17.6	1603	4.30	8.5	1.1	12.5	3.6	11.4	.37	2.00	.30	63	.05	.042	6.7	34.4	.26	239.9	.025	3	1.52	.005	.05	<.2	.12	42	1.3	.14	3.7	<.01
RE 99X04137	1.40	30.32	11.81	71.8	102	25.9	8.5	257	2.28	9.4	1.0	5.7	1.7	20.0	.22	1.08	.21	60	.21	.061	11.8	32.9	.52	366.2	.041	3	1.68	.009	.06	.3	.13	99	.8	.04	4.7	<.01
99X04130	2.35	84.95	8.33	79.1	89	22.1	6.6	179	1.86	4.8	.5	5.2	2.1	17.8	.18	1.15	.17	39	.03	.030	3.7	19.6	.29	184.0	.009	3	1.36	.004	.06	<.2	.11	34	.9	.06	3.3	.01
99X04131	1.77	82.18	15.06	108.8	117	47.3	17.9	1229	3.94	10.1	.9	5.7	2.9	16.2	.29	1.42	.32	45	.04	.071	5.7	32.2	.38	213.8	.015	4	1.71	.003	.07	<.2	.10	39	.9	.10	4.6	.01
99X04132	9.83	35.16	19.20	147.9	967	42.9	5.6	259	3.11	20.1	3.3	2.8	.2	104.0	.52	4.17	.34	203	.10	.297	7.1	39.0	.16	450.2	.023	2	1.34	.008	.14	.2	.27	106	4.4	.20	6.5	.22
99X04133	15.68	98.06	57.73	182.0	280	87.0	23.0	5694	8.71	47.5	4.8	6.5	5.4	139.4	.61	6.17	.83	56	.08	.142	10.3	18.0	.09	188.4	.003	1	1.15	.020	.81	.2	.32	433	3.0	.54	3.0	1.44
99X04134	2.79	41.86	12.82	127.1	93	28.5	8.4	411	3.32	13.2	1.0	20.0	1.7	23.4	.25	1.61	.26	104	.12	.152	8.9	37.7	.44	237.0	.039	2	2.04	.005	.07	.2	.22	120	1.1	.08	6.1	<.01
99X04135	6.06	105.62	14.59	206.7	308	50.1	10.5	425	3.15	14.5	2.3	13.6	.5	49.5	.79	2.84	.25	109	.17	.182	9.8	34.2	.35	385.4	.020	1	1.27	.005	.12	<.2	.25	163	2.2	.11	4.6	.06
99X04136	1.08	32.11	12.01	72.1	339	21.0	4.3	89	1.32	4.4	1.5	11.9	.6	26.6	.39	.89	.20	52	.27	.076	10.0	26.1	.44	432.3	.019	3	1.49	.007	.06	.2	.17	339	1.0	.04	4.1	.02
99X04137	1.37	29.96	10.01	70.5	105	25.1	8.1	253	2.26	9.0	.9	5.0	1.6	20.1	.20	1.08	.20	58	.20	.062	10.7	31.9	.51	361.8	.039	3	1.63	.008	.05	.3	.12	88	.8	.04	4.6	<.01
99X04138	3.15	49.03	11.24	131.5	598	35.2	10.4	352	2.38	6.3	1.7	14.8	1.7	28.3	.60	1.45	.23	69	.22	.096	10.3	37.4	.58	485.8	.029	3	1.87	.008	.08	<.2	.27	502	1.4	.06	5.5	<.01
99X04139	2.85	46.40	13.27	126.4	98	29.0	16.3	933	2.50	11.9	1.0	3.3	1.3	28.0	.48	1.93	.20	57	.21	.113	8.9	22.1	.39	241.8	.028	2	1.15	.006	.12	<.2	.22	70	1.1	.05	3.7	<.01
STANDARD DS2	14.36	129.97	31.78	163.2	257	38.0	12.3	818	3.14	62.9	21.7	198.7	3.9	28.9	11.60	10.53	11.31	83	.55	.081	15.2	171.3	.65	147.4	.116	1	1.85	.038	.16	8.0	2.17	277	2.4	1.87	5.8	.02

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: SOIL Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 22 1999 **DATE REPORT MAILED:** July 30/99 **SIGNED BY** ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data # FA ___

ACME ANALYTICAL

International Kodiak Resources Inc. PROJECT AREA 6/#19 FILE # 9902401 Page 2

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99X04140	1.91	37.52	12.63	94.0	100	29.4	13.2	503	2.79	14.6	1.0	7.8	4.4	22.4	.40	1.53	.28	68	.18	.073	12.6	29.1	.45	358.1	.041	4	1.66	.006	.11	.3	.18	118	.8	.05	6.0	<.01
99X04141	1.21	30.44	11.28	85.9	146	24.5	10.7	399	2.31	10.8	.9	10.9	4.9	27.4	.37	1.46	.23	47	.43	.077	12.3	25.3	.42	309.7	.049	4	1.19	.008	.08	.3	.14	100	.7	.03	4.0	<.01
99X10085	3.23	54.00	14.27	110.6	54	49.8	19.8	728	4.22	13.4	1.4	1.5	3.9	11.2	.29	1.38	.28	57	.06	.052	7.0	31.3	.41	355.9	.022	3	2.40	.003	.10	<.2	.16	45	.8	.07	7.7	<.01
99X10086	2.02	20.05	11.96	91.7	121	21.8	11.8	367	3.51	11.2	.4	2.0	1.7	9.7	.48	1.17	.29	93	.08	.059	8.5	32.7	.38	255.3	.046	1	1.86	.005	.07	<.2	.14	35	.4	.07	8.8	.01
99X10087	2.29	45.49	13.03	100.4	84	35.2	16.4	597	3.17	14.1	.8	8.3	4.6	12.5	.29	1.45	.28	68	.08	.037	9.3	33.7	.54	224.9	.057	1	2.35	.007	.08	<.2	.24	49	.8	.06	6.5	<.01
99X10088	1.27	30.83	10.89	77.5	60	33.6	14.2	571	2.82	10.3	.7	9.3	4.3	11.5	.22	1.14	.23	54	.07	.024	8.8	28.6	.45	221.7	.052	3	1.73	.006	.07	<.2	.11	49	.6	.04	4.7	.01
99X10089	2.81	33.36	8.66	79.4	321	30.8	11.1	289	2.33	12.9	1.9	4.9	3.6	60.7	.42	2.10	.20	79	.21	.104	9.3	30.6	.41	265.2	.039	2	1.44	.006	.08	.2	.16	81	1.7	.07	3.7	.08
99X10090	3.64	89.02	16.82	126.9	192	30.1	23.4	1085	5.13	11.5	1.2	7.0	4.3	32.8	.18	2.30	.34	68	.05	.133	9.1	33.1	.41	225.4	.025	3	1.83	.008	.16	<.2	.19	69	1.9	.10	6.5	.09
99X10091	5.07	22.96	11.73	92.7	548	21.6	6.5	287	3.29	19.6	1.0	6.3	1.7	45.9	.23	3.76	.30	165	.07	.065	6.5	40.1	.29	389.7	.036	1	1.41	.006	.14	.3	.35	276	2.3	.12	5.4	.24
99X10092	1.38	26.03	11.65	79.4	69	21.8	13.6	720	3.24	8.1	.8	6.3	4.5	12.5	.30	.88	.25	73	.12	.049	9.7	34.2	.76	218.6	.059	1	2.21	.007	.07	.2	.13	71	.7	.04	6.4	.01
99X10093	3.20	100.17	15.67	151.3	252	60.7	18.3	475	5.84	14.6	.8	6.3	2.2	11.9	.23	1.93	.50	97	.05	.060	5.8	41.9	.20	239.5	.027	1	1.92	.003	.06	<.2	.20	74	1.3	.20	7.8	.01
99X10094	4.54	52.04	17.27	157.0	513	51.6	13.1	673	4.05	23.5	.8	4.6	2.2	58.0	.36	2.59	.35	131	.06	.070	6.2	42.6	.31	393.3	.037	3	1.81	.006	.09	<.2	.31	76	2.5	.13	6.8	.07
99X10095	5.10	45.46	16.75	124.1	151	40.1	18.2	1157	3.61	23.3	1.5	6.2	2.7	48.9	.55	2.54	.29	93	.11	.074	9.9	34.9	.44	435.6	.032	2	2.12	.008	.13	.3	.19	149	1.6	.14	5.2	.15
99X10096	2.83	28.70	14.07	87.8	94	29.6	13.1	413	2.89	9.0	.6	3.4	3.3	23.5	.22	1.50	.24	73	.08	.032	8.0	27.7	.35	296.2	.036	2	1.62	.004	.06	.2	.13	48	.8	.08	5.3	.02
99X10097	6.23	52.85	10.86	263.4	180	62.6	15.1	450	2.78	9.9	2.7	10.0	5.1	34.6	.60	2.58	.23	76	.23	.057	13.2	30.9	.51	411.8	.061	1	1.59	.009	.07	<.2	.17	108	.8	.06	4.4	.01
99X10098	3.12	43.19	11.57	121.0	165	36.6	12.1	367	2.96	12.9	1.0	7.4	5.2	25.7	.33	1.84	.25	82	.19	.031	13.3	36.2	.57	562.0	.055	1	2.01	.009	.07	<.2	.15	106	.9	.07	5.5	.02
99X10099	3.49	39.68	12.47	160.2	99	37.1	16.7	700	3.01	13.6	1.3	9.0	2.3	20.7	.60	2.21	.41	99	.18	.072	11.1	35.6	.52	407.9	.042	4	2.08	.007	.07	.4	.26	96	.9	.06	6.6	.01
99X10100	2.70	46.28	9.60	122.1	199	31.3	11.0	314	2.39	8.3	1.6	9.8	3.2	27.9	.43	1.68	.25	72	.28	.076	14.5	30.7	.56	490.8	.054	4	1.75	.008	.07	.3	.19	142	.5	.05	5.3	<.01
99X10101	1.93	33.03	9.77	87.6	41	28.5	15.5	714	2.70	9.5	.8	8.3	5.6	19.0	.43	1.42	.21	57	.19	.071	10.4	30.4	.50	239.5	.061	2	1.70	.007	.08	<.2	.13	35	.7	.05	4.7	.01
99X10103	1.21	22.37	8.15	71.9	50	21.9	10.9	314	2.11	5.4	.6	5.6	5.5	14.6	.33	1.06	.17	47	.14	.043	10.4	31.5	.54	693.4	.022	3	1.83	.006	.13	<.2	.15	31	.6	.03	5.5	<.01
99X10104	1.91	33.24	9.59	81.0	46	26.9	11.6	325	2.39	7.1	1.3	6.4	7.0	25.6	.25	1.27	.20	51	.26	.055	16.9	34.1	.72	622.8	.054	4	1.77	.009	.11	<.2	.16	53	.5	.03	5.1	<.01
RE 99X10104	1.78	32.39	8.84	80.3	43	26.6	11.4	318	2.34	6.7	1.1	5.5	6.5	23.9	.22	1.20	.18	52	.26	.056	15.6	31.3	.67	573.6	.054	3	1.67	.010	.12	<.2	.15	50	.4	.04	5.1	<.01
99X11116	1.77	44.29	11.95	111.5	187	42.6	11.3	404	3.19	13.0	1.0	5.5	5.3	12.7	.56	1.44	.24	73	.07	.027	8.2	37.6	.49	220.3	.068	2	2.16	.007	.06	.2	.14	46	.8	.08	5.7	.01
99X11117	1.59	37.28	11.92	106.5	102	28.3	9.7	436	3.30	12.2	.8	7.4	1.0	14.5	.41	1.20	.27	84	.10	.079	7.9	31.8	.33	170.0	.036	4	1.96	.005	.07	<.2	.11	94	.9	.07	6.4	.02
99X11118	3.11	65.33	9.53	115.0	402	32.7	10.1	285	2.76	11.9	2.0	23.9	2.6	30.1	.47	1.86	.21	99	.19	.100	12.8	32.3	.63	466.1	.038	3	2.08	.007	.10	<.2	.27	348	1.2	.05	5.6	.01
99X11119	2.32	38.82	10.16	87.6	202	22.0	11.3	424	3.10	13.2	.7	7.6	2.3	14.4	.34	1.06	.26	98	.10	.083	9.8	33.4	.51	273.6	.049	5	1.91	.006	.10	<.2	.17	69	.7	.08	7.7	<.01
99X11120	2.11	21.03	11.94	87.4	315	18.0	9.5	442	3.21	11.9	.4	2.9	2.9	9.8	.60	.97	.26	95	.07	.054	8.1	31.4	.35	171.0	.047	4	2.05	.005	.05	.2	.14	51	.5	.07	7.9	<.01
99X11121	1.78	45.96	12.10	96.7	86	29.3	14.3	560	2.99	9.0	.8	9.9	3.2	15.4	.51	1.05	.21	67	.13	.067	9.2	31.4	.57	193.6	.046	3	1.65	.005	.08	<.2	.14	49	.8	.05	5.1	<.01
99X11122	1.72	31.13	10.36	91.2	800	20.7	10.3	419	2.17	5.5	.9	10.8	2.9	25.0	.96	1.04	.22	73	.26	.070	13.3	30.8	.62	694.9	.022	6	1.76	.005	.14	<.2	.33	240	.8	.03	6.4	.01
99X11123	.93	22.78	7.65	51.9	122	20.5	7.7	221	2.03	8.1	.7	4.3	3.2	21.2	.11	.78	.15	50	.27	.053	11.3	26.2	.53	428.1	.043	4	1.52	.008	.05	<.2	.10	82	.5	.03	4.5	<.01
99X11124	1.39	14.04	10.12	55.9	49	20.9	11.0	298	2.74	11.5	.5	4.6	3.9	11.0	.19	.84	.20	62	.12	.032	9.3	29.2	.54	231.6	.046	5	1.85	.007	.05	<.2	.14	32	.5	.04	6.1	<.01
99X11125	2.26	33.41	10.95	83.7	164	25.1	11.3	329	2.82	10.1	.9	8.9	4.1	23.6	.35	1.12	.22	70	.21	.066	11.0	28.3	.59	628.3	.041	3	1.77	.006	.09	<.2	.26	101	.8	.04	5.9	<.01
99X11126	1.17	26.88	7.03	70.9	277	22.2	7.2	207	2.00	6.3	.9	9.7	1.4	21.6	.29	.70	.17	53	.24	.065	10.8	28.4	.57	500.8	.034	4	1.66	.007	.07	<.2	.16	194	.5	.03	4.9	<.01
99X11127	2.11	59.44	10.19	109.2	271	30.8	11.3	382	2.54	8.4	1.0	13.3	3.1	29.9	.34	1.16	.21	72	.39	.073	10.7	32.6	.59	347.9	.051	4	1.70	.010	.07	.2	.16	218	.8	.07	5.5	<.01
99X11128	1.17	41.94	8.30	81.4	146	27.7	9.4	302	2.36	8.2	.8	7.5	3.9	26.2	.23	1.10	.20	60	.35	.063	12.3	34.6	.61	428.8	.059	4	1.61	.011	.06	.2	.11	97	.7	.05	5.1	<.01
STANDARD DS2	12.97	128.71	28.56	162.4	265	37.8	13.2	808	3.14	61.8	19.4	195.3	3.5	27.7	11.53	9.85	10.96	82	.55	.081	12.5	162.6	.61	140.5	.115	3	1.77	.037	.15	7.4	2.12	262	2.5	1.93	6.1	.02

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data 1 FA ____

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.)
852 E. HASTINGS ST. VANCOUVER BC V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 6/#19 File # 9902402

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99R03028	.58	60.30	2.34	60.6	22	47.0	28.7	789	5.17	.1	.2	1.2	1.7	42.8	.20	<.02	.07	116	2.84	.119	9.3	62.6	2.34	962.5	.365	14	4.23	.040	.04	.6	<.02	<5	.2	<.02	12.3	<.01
99R03051	8.29	6.34	61.59	334.0	693	37.7	2.7	100	2.79	2345.8	2.0	1038.7	11.5	65.4	1.21	1425.12	.55	27	.06	.054	29.4	8.3	.03	865.5	.001	4	.58	.002	.17	2.0	.83	3807	2.1	.05	1.5	.03
RE 99R03051	8.31	6.48	59.69	331.2	672	37.0	2.7	99	2.75	2321.1	1.9	1036.1	10.9	64.7	1.15	1401.55	.53	26	.06	.052	29.4	8.3	.03	838.0	.001	4	.57	.003	.16	2.0	.83	3744	2.2	.03	1.5	.02
STANDARD DS2	13.71	126.36	28.42	161.4	249	35.8	12.3	791	3.10	61.9	20.1	216.0	3.3	28.3	10.98	9.20	10.70	81	.55	.080	11.4	161.7	.55	134.0	.107	2	1.68	.036	.16	7.0	2.08	211	2.5	1.82	5.9	.03

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: ROCK Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 22 1999 **DATE REPORT MAILED:** July 30/99 **SIGNED BY** C. Leong .D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

...sults are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data FA

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.)
852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 7/#20 File # 9902403

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99X04118	1.80	34.87	11.45	64.3	81	28.8	16.4	225	3.08	14.1	.4	7.1	3.1	20.9	.19	1.02	.28	80	.09	.042	7.4	31.7	.35	417.8	.039	1	2.05	.006	.06	<.2	.11	26	.6	.07	6.3	<.01
99X04119	1.58	61.59	9.29	87.8	352	29.0	9.4	248	2.90	9.1	.8	8.5	5.0	12.6	.17	1.08	.22	78	.10	.053	9.6	37.6	.65	648.6	.036	3	2.22	.005	.14	<.2	.13	74	1.2	.05	6.5	<.01
99X04120	2.15	90.26	10.46	103.3	230	32.6	14.5	402	3.00	8.8	.9	16.6	3.8	39.5	.24	1.33	.19	76	.28	.113	9.5	31.4	.69	1007.6	.036	<1	1.61	.008	.13	<.2	.13	115	1.7	.06	5.6	.02
99X04121	1.86	38.63	9.38	78.8	225	25.1	8.8	221	2.56	10.2	.8	7.0	4.3	21.9	.29	1.14	.17	79	.22	.049	10.5	30.7	.59	696.1	.049	1	1.84	.010	.10	<.2	.13	89	.8	.06	5.7	.02
99X04122	1.67	27.39	11.32	60.6	123	13.9	4.9	180	2.56	10.5	.4	7.4	2.2	11.0	.12	.85	.26	83	.07	.037	8.9	19.6	.21	156.7	.058	2	.99	.004	.06	<.2	.14	54	.7	.07	6.8	.02
99X04123	10.16	71.16	10.69	112.3	586	31.2	9.1	172	2.82	18.7	1.5	20.3	3.2	46.1	.30	6.81	.18	150	.10	.047	7.7	33.1	.28	694.6	.040	<1	1.11	.006	.13	<.2	.63	235	3.8	.07	4.6	.15
99X04124	2.02	24.15	14.35	48.5	288	11.2	5.2	244	3.34	16.4	.5	9.9	2.9	17.1	.08	1.15	.31	87	.06	.059	8.4	28.4	.22	237.2	.062	1	1.31	.005	.08	<.2	.25	175	1.3	.09	7.6	.07
99X04125	1.62	20.27	12.98	50.8	64	11.4	5.2	226	2.96	13.5	.4	9.1	3.3	11.0	.08	.93	.35	77	.06	.045	8.8	30.8	.23	148.9	.048	2	1.52	.004	.05	.3	.19	82	1.0	.08	7.1	.02
99X04126	1.26	30.04	13.31	67.5	106	17.0	8.1	348	2.48	9.7	.5	37.9	3.2	14.7	.15	1.07	.22	56	.11	.054	7.7	29.1	.36	177.2	.047	1	1.39	.005	.06	<.2	.13	168	1.6	.08	4.6	.03
99X04127	1.42	17.10	13.76	56.0	80	19.5	8.1	214	2.70	12.9	.4	7.1	3.5	9.4	.13	1.14	.24	78	.07	.029	8.1	33.0	.40	177.8	.056	1	2.19	.006	.04	.2	.14	42	.6	.05	6.3	.01
99X11103	1.30	31.62	12.50	104.2	249	26.7	11.2	432	2.88	12.3	.5	.2	3.3	12.9	.13	1.05	.39	86	.11	.045	8.9	39.0	.50	454.1	.064	2	2.41	.010	.05	.4	.19	49	.7	.05	7.7	.02
99X11104	2.49	56.59	16.67	49.2	143	12.7	5.5	229	3.50	14.6	.7	11.1	3.3	37.0	.10	1.51	.35	102	.06	.121	8.6	33.4	.24	636.5	.041	2	1.32	.005	.06	.2	.17	57	3.1	.14	7.1	.02
99X11105	1.91	35.67	14.37	65.8	207	24.4	9.2	306	3.18	14.0	.5	6.1	3.7	12.8	.13	1.20	.29	88	.08	.044	8.1	36.3	.42	337.4	.053	2	2.49	.008	.05	.2	.15	58	1.2	.07	7.3	.01
99X11106	1.79	28.40	16.55	54.0	394	15.3	7.4	247	3.19	13.8	.5	7.1	3.8	11.6	.14	1.13	.30	85	.07	.038	9.1	34.1	.33	201.3	.058	<1	2.08	.007	.05	.2	.17	75	.9	.10	7.4	.01
RE 99X11106	1.68	28.48	16.46	51.9	365	15.4	7.2	247	3.12	13.7	.5	6.0	3.7	11.8	.14	1.09	.28	84	.07	.038	9.1	37.1	.32	199.3	.059	2	2.03	.007	.05	<.2	.16	66	.8	.07	7.2	<.01
99X11107	1.74	29.51	13.05	53.9	300	13.0	5.1	201	2.83	11.7	.5	8.0	2.9	13.8	.10	1.05	.26	89	.07	.040	8.8	29.5	.23	204.4	.049	2	1.53	.005	.05	<.2	.17	68	1.1	.09	7.0	.01
99X11108	2.26	32.37	14.03	89.0	315	18.3	10.1	374	3.25	15.6	.6	11.0	2.7	17.5	.16	1.31	.30	81	.06	.057	8.0	32.9	.26	339.7	.051	5	1.33	.005	.08	<.2	.25	160	1.4	.08	6.9	.04
99X11109	1.32	41.80	13.96	79.3	900	20.5	15.6	608	2.21	6.1	1.4	29.6	3.2	39.7	.26	.49	.22	59	.50	.061	11.5	32.1	.40	1603.5	.011	6	1.77	.006	.11	<.2	.26	575	1.2	.05	6.5	.03
99X11110	2.80	38.25	10.38	88.9	858	21.5	8.1	163	2.71	12.1	.7	7.6	3.9	16.9	.45	1.18	.20	88	.16	.142	7.1	27.2	.48	472.2	.029	4	1.71	.005	.18	<.2	.23	112	1.2	.05	6.1	.02
99X11111	2.79	28.85	14.03	92.2	144	21.6	7.7	269	3.20	15.2	.6	.5	3.4	14.1	.29	1.54	.25	98	.10	.133	9.1	35.2	.44	389.5	.034	3	2.08	.006	.07	<.2	.16	30	.9	.06	7.1	.02
99X11112	1.85	20.71	12.42	81.1	444	19.9	9.4	270	2.89	12.2	.8	5.5	4.0	11.7	.59	1.04	.24	80	.11	.073	8.9	34.2	.45	376.0	.051	4	2.07	.008	.07	<.2	.16	73	.7	.04	6.6	.01
99X11113	3.24	156.97	13.67	193.3	316	37.1	9.3	345	3.36	13.5	.6	22.3	2.8	23.1	.45	2.08	.26	92	.11	.089	7.3	37.6	.38	515.4	.035	2	1.71	.006	.06	<.2	.15	67	2.4	.10	5.6	<.01
STANDARD DS2	14.14	130.34	32.02	163.6	285	38.2	13.0	826	3.16	63.3	19.2	201.9	3.6	28.3	11.07	9.89	11.41	82	.55	.081	13.0	165.3	.62	141.8	.117	2	1.78	.037	.16	7.6	2.15	262	2.7	1.99	6.3	.04

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: SOIL Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 22 1999 DATE REPORT MAILED: July 30/99 SIGNED BY ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

...s are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data FA ___

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.)
852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 7/#20 File # 9902404

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99S10075	1.79	61.98	5.72	121.9	176	88.4	27.3	580	4.38	6.4	1.1	2.4	2.5	77.3	1.28	1.25	.14	168	.98	.092	12.5	113.8	2.16	3527.0	.015	6	2.55	.020	.14	<.2	.23	342	1.9	.03	8.2	.09
99S10076	1.51	60.12	7.50	124.9	229	63.9	19.2	385	3.27	5.1	1.3	5.3	2.3	55.0	.82	.93	.15	83	.96	.104	10.8	57.3	.92	1250.5	.022	4	1.55	.011	.10	<.2	.18	425	2.1	.04	4.9	.08
99S10077	2.55	65.77	10.80	168.4	237	63.7	20.9	431	4.05	9.2	.9	7.2	3.9	83.0	1.19	1.81	.33	108	1.36	.137	13.2	54.4	1.04	1613.1	.025	4	1.57	.012	.15	<.2	.21	317	1.9	.05	5.5	.09
99S10078	5.20	60.94	11.63	562.9	177	122.9	41.1	2048	4.70	13.6	2.0	6.2	4.1	94.7	2.87	2.28	.17	149	1.42	.218	13.5	59.9	1.03	3027.2	.020	6	1.74	.014	.22	<.2	.39	206	2.3	.08	6.2	.08
99S10079	1.77	26.02	8.44	193.4	87	40.8	13.2	543	2.76	10.7	.9	7.1	4.7	55.5	.53	1.40	.15	67	1.05	.114	11.6	29.3	.62	837.3	.034	1	1.05	.011	.09	.4	.11	69	1.0	.04	3.5	.03
99S10080	1.46	20.10	7.22	133.8	104	33.8	10.3	268	2.26	8.7	.9	14.6	5.1	52.9	.40	1.09	.13	55	.59	.095	12.3	26.5	.46	1006.7	.048	3	1.05	.012	.07	1.0	.09	87	.7	.03	3.2	.04
99S10081A	1.27	27.14	9.25	107.5	232	26.4	14.0	704	3.72	16.2	1.3	5.7	2.7	42.7	.64	1.07	.17	75	.64	.136	11.4	29.9	.50	974.2	.028	3	1.51	.011	.07	.2	.12	214	1.1	.05	4.4	.04
99S10081B	.94	22.99	8.24	93.4	195	22.8	11.7	593	3.15	13.4	1.1	6.0	2.6	40.0	.54	.94	.16	63	.55	.117	10.5	25.8	.45	837.9	.027	1	1.35	.010	.07	.2	.10	171	.9	.03	4.0	.03
99S10082	1.02	15.41	7.90	78.6	138	19.3	8.0	244	1.88	7.3	.9	3.4	3.3	32.2	.40	.91	.21	51	.42	.079	11.6	21.9	.42	821.8	.042	2	1.19	.009	.06	.7	.10	125	.7	.03	3.6	.02
99S10083	1.76	30.78	7.53	93.6	194	27.5	14.3	790	2.81	8.4	.8	4.9	2.2	40.0	.38	1.05	.16	76	.48	.095	11.2	30.3	.53	1313.7	.049	3	1.56	.009	.08	<.2	.10	156	.8	.04	4.8	.03
99S10084	.87	22.08	7.15	72.0	150	18.3	6.6	149	1.75	6.7	.9	3.7	2.2	30.5	.33	.83	.14	53	.36	.085	10.7	24.6	.40	667.7	.030	1	1.36	.009	.07	.4	.10	129	.7	.03	4.0	.01
99S11095	.81	20.46	5.39	124.3	214	24.4	7.8	287	1.62	4.3	.9	6.9	3.0	44.5	.76	.92	.27	47	.61	.088	9.2	20.2	.45	467.5	.038	4	.94	.012	.06	.5	.15	174	1.3	.02	2.9	.04
99S11096	1.13	23.25	6.78	94.3	257	21.4	8.1	272	1.69	5.9	1.1	7.9	2.1	37.4	.58	.93	.16	51	.51	.071	9.4	21.7	.41	497.9	.033	3	1.08	.010	.07	.4	.13	207	1.2	.04	3.3	.03
99S11097	1.52	24.30	6.33	111.8	175	24.6	7.3	220	1.63	6.2	1.1	5.1	3.2	49.5	.68	1.16	.11	58	.50	.096	9.4	18.7	.38	500.9	.030	2	.89	.009	.08	.4	.13	201	1.4	.04	3.0	.02
99S11098	1.16	20.17	5.12	103.4	247	21.4	6.0	248	1.17	3.5	1.5	6.7	2.3	36.6	.73	1.02	.10	53	.49	.061	8.3	16.7	.32	412.1	.018	3	.86	.007	.08	.3	.17	246	1.3	.04	2.7	.03
RE 99S11098	1.20	19.50	4.93	102.0	233	20.8	6.0	249	1.16	3.4	1.4	3.4	2.0	35.0	.68	1.04	.08	49	.48	.060	7.3	15.7	.30	376.8	.015	4	.79	.006	.07	.2	.15	252	1.2	.03	2.4	.04
99S11099	3.20	36.04	9.78	136.3	424	33.6	9.2	379	1.96	8.3	1.3	8.1	2.1	63.3	.90	1.96	.17	70	.78	.089	8.0	21.0	.36	542.4	.021	4	.88	.008	.09	.3	.18	479	2.9	.08	2.9	.09
99S11100	1.41	29.72	6.06	364.2	273	42.7	13.5	425	2.42	6.4	1.1	6.3	2.9	48.3	1.99	1.24	.12	92	.72	.121	9.9	26.6	.68	935.5	.084	3	1.21	.012	.09	.3	.14	198	1.7	.04	4.1	.05
99S11101	1.60	20.08	6.42	385.7	276	46.9	9.2	946	1.63	5.9	1.2	5.2	2.1	47.7	5.68	1.48	.11	73	.66	.111	8.8	19.6	.38	393.3	.023	4	.99	.008	.07	.6	.25	241	2.1	.03	2.8	.05
99S11102	1.21	22.23	7.13	108.6	323	22.9	9.1	371	1.80	5.8	1.0	6.5	2.0	35.7	.86	1.05	.13	60	.51	.088	8.5	21.3	.42	653.2	.023	4	1.06	.009	.06	.3	.12	227	1.9	.05	3.2	.05
99S11114	1.93	23.18	10.42	122.6	106	31.3	11.2	337	2.56	6.9	.7	6.0	3.1	33.3	.47	1.05	.11	66	.47	.079	9.0	31.3	.53	1146.1	.023	4	1.19	.010	.07	.3	.09	161	.7	.04	3.6	.04
99S11115	1.03	27.11	5.13	90.8	132	25.7	8.7	216	2.07	4.6	.7	10.0	2.9	36.1	.35	.84	.10	56	.55	.095	9.6	27.6	.51	828.0	.034	3	1.05	.011	.06	.6	.08	143	.7	.04	3.3	.04
STANDARD DS2	13.40	128.50	29.32	162.8	255	37.4	12.8	805	3.11	62.6	18.4	204.6	3.4	27.9	10.93	9.71	10.67	82	.55	.081	12.4	167.8	.63	142.2	.118	2	1.80	.037	.16	7.2	2.19	230	2.3	1.84	6.1	.02

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: SILT Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 22 1999 DATE REPORT MAILED: July 30/99 SIGNED BY: C. Leong .D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.)
852 E. HASTINGS ST. VANCOUVER BC V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 1 File # 9902428

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE #	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99X12054	1.70	45.73	16.54	114.5	485	24.8	15.1	759	5.08	15.8	.6	6.7	2.2	10.5	.30	2.59	.40	88	.06	.115	16.1	42.1	.43	103.7	.037	1	1.58	.006	.09	.2	.14	69	1.4	.10	8.3	.03
99X12055	1.95	65.73	21.17	137.5	562	44.7	36.0	1376	5.23	25.6	.8	8.8	.8	23.5	.58	2.77	.66	91	.20	.195	28.0	56.4	.75	267.8	.015	2	2.13	.007	.10	<.2	.15	102	2.3	.13	8.0	.09
99X12056	2.22	71.99	13.23	89.6	209	45.3	28.2	1135	4.64	12.1	.6	4.5	2.6	18.2	28	4.93	.42	80	.14	.126	36.4	43.4	.59	219.8	.011	3	1.76	.007	.09	.2	.11	54	1.5	.13	6.9	.06
99X12057	1.95	58.85	19.86	126.4	250	36.8	23.9	661	4.17	15.5	.8	9.9	2.7	16.1	.37	3.66	.37	70	.09	.079	28.9	41.2	.58	163.9	.040	1	1.64	.008	.08	.3	.15	61	1.3	.09	6.2	.03
99X12058	10.16	51.91	32.53	255.3	1247	43.7	10.9	223	4.35	54.6	1.4	13.3	2.5	28.4	.41	27.34	.23	96	.03	.083	23.9	27.2	.15	198.8	.014	1	.83	.004	.10	.3	.21	167	6.0	.11	3.5	.11
99X12059	1.77	99.50	20.50	134.7	662	54.9	16.6	481	4.95	24.7	.8	9.0	3.0	13.4	.36	16.57	.31	65	.06	.064	18.4	35.3	.31	127.1	.036	2	1.59	.006	.06	.4	.41	172	1.6	.09	4.9	.05
99X12060	1.83	51.66	18.02	124.3	927	38.1	13.4	388	4.57	23.4	.7	9.4	3.5	15.2	.51	26.99	.33	68	.11	.089	21.0	36.3	.34	120.5	.046	2	1.13	.006	.08	.3	.49	365	2.7	.09	4.5	.07
99X12061	1.65	155.69	32.36	274.5	641	200.8	88.3	1457	7.43	25.1	.8	10.8	4.2	25.9	80	6.47	.33	79	.15	.119	51.5	52.7	.88	201.4	.048	2	2.44	.011	.10	.2	.19	77	2.4	.08	5.7	.15
99X12062	2.21	303.01	21.34	111.0	685	73.0	69.5	1972	8.15	6.4	.4	6.1	1.5	73.0	.64	3.46	.18	268	1.62	.133	28.5	38.4	3.66	1204.2	.407	3	3.77	.037	.12	<.2	.53	57	.8	.05	15.3	.07
99X12063	2.23	63.45	24.28	63.0	425	13.4	7.8	471	3.53	14.3	.6	8.2	1.9	16.8	.15	15.73	.43	57	.06	.118	39.1	27.8	.17	268.6	.017	3	.89	.009	.20	.4	.43	34	1.7	.08	3.5	.25
99X12064	1.87	62.67	37.64	55.9	370	36.3	33.8	672	5.33	35.8	1.0	19.1	3.1	42.7	.30	38.07	.72	188	1.08	.260	35.2	20.0	.88	354.2	.030	1	2.51	.011	.12	.8	.51	24	1.3	.04	9.3	.12
99X12065	6.85	190.83	40.73	101.2	547	72.0	25.0	790	5.40	32.1	1.9	18.7	2.1	24.6	.37	34.73	.90	152	.17	.140	33.1	47.1	.37	261.9	.041	1	1.75	.012	.13	.3	1.12	38	2.7	.09	6.1	.16
99X12066	2.02	47.75	32.38	65.9	220	36.3	14.5	463	2.68	38.9	1.4	4.7	2.6	31.3	.34	25.35	1.15	75	.52	.132	32.9	43.0	.41	258.5	.020	2	1.75	.007	.09	.5	.47	39	.8	.06	6.1	.11
99X12067	1.93	20.11	22.98	53.3	85	16.9	8.3	376	3.51	20.0	.6	2.6	1.7	10.4	.24	10.83	.77	74	.06	.061	16.0	30.7	.24	200.2	.040	2	1.43	.006	.08	.5	.36	61	.9	.06	6.7	.06
99X12068	1.00	119.77	35.07	179.4	390	187.6	47.7	1034	6.15	23.0	.3	2.3	.6	37.2	1.05	11.97	.62	134	.45	.080	7.7	224.6	2.57	6940.8	.070	1	3.50	.026	.11	<.2	.43	45	.9	.04	10.5	.07
RE 99X12068	.99	120.81	34.84	178.5	385	186.5	49.7	1036	6.16	22.7	.3	2.8	.6	38.0	.99	11.77	.60	135	.45	.081	7.6	209.8	2.47	6698.5	.068	2	3.37	.025	.12	<.2	.44	45	.9	.03	11.0	.07
99X12069	1.20	105.27	18.63	149.8	607	112.9	52.3	1236	7.72	5.0	.4	3.1	1.8	25.5	.63	6.08	.20	206	.44	.140	18.7	111.5	1.69	2449.3	.036	1	2.90	.015	.09	<.2	.18	57	.6	.02	11.4	.06
99X12070	2.03	92.02	65.68	287.0	506	101.5	37.6	796	6.82	29.4	.6	3.9	2.5	29.3	1.05	34.14	1.07	177	.21	.120	21.2	137.2	1.53	2324.8	.045	<1	3.13	.014	.19	<.2	.54	60	1.6	.06	10.3	.25
99X12071	5.23	188.67	95.70	155.8	988	31.4	13.2	561	3.98	29.2	3.8	3.7	6.0	18.9	.49	67.32	1.27	94	.08	.130	32.4	45.0	.41	169.6	.016	1	1.23	.009	.09	<.2	.66	127	3.2	.07	4.9	.12
99X12072	23.52	97.83	353.28	34.7	2017	5.8	2.3	102	2.53	69.1	2.5	6.5	3.4	80.2	.18	139.71	1.95	59	.05	.107	20.1	18.8	.11	251.8	.014	2	.55	.005	.19	<.2	.84	555	9.5	.08	4.0	.28
99X12073	5.10	43.68	101.63	51.8	795	11.4	4.8	271	2.43	39.1	1.1	6.1	.4	18.3	.35	36.59	.71	53	.06	.085	10.5	23.1	.21	100.9	.021	3	1.11	.005	.07	<.2	.24	250	1.6	.05	4.9	.09
99X12074	3.93	1200.60	57.79	398.1	869	82.2	34.5	2110	4.66	39.3	2.3	11.8	5.1	19.5	1.40	35.02	.73	82	.07	.139	19.7	37.3	.28	160.9	.033	2	1.46	.007	.11	.3	1.32	176	1.8	.10	4.7	.09
STANDARD DS2	13.85	128.99	31.40	163.1	244	37.9	12.9	811	3.12	63.6	18.5	201.9	3.3	27.9	11.23	10.25	10.71	82	.56	.080	12.5	167.7	.63	143.5	.114	2	1.82	.037	.16	7.3	2.25	244	2.4	1.92	6.3	.03

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: SOIL Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 22 1999 DATE REPORT MAILED: Aug 3/99 SIGNED BY: C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data FA

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.)
852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 2/#11 File # 9902429

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE #	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99X10105	1.67	62.20	9.34	90.8	77	21.0	6.1	233	3.20	3.8	.5	.8	.5	25.0	.77	1.21	.30	47	.10	.079	6.6	12.7	.08	384.5	.016	2	.86	.006	.11	<.2	.11	54	.4	.06	3.8	.09
99X10106	15.97	142.98	16.66	229.6	2499	82.0	10.6	253	2.69	17.7	5.2	4.6	3.5	233.0	4.65	6.08	.24	223	.94	.151	7.2	29.7	.29	748.3	.007	6	.78	.008	.23	<.2	.40	1121	6.7	.22	2.5	.38
99X10108	8.47	77.82	18.08	175.6	825	57.0	12.1	155	2.81	12.7	4.4	8.8	1.9	101.2	1.36	2.78	.24	85	.47	.156	6.4	17.8	.11	861.6	.002	8	.95	.006	.13	<.2	.22	465	4.0	.16	2.4	.29
99X10109	12.21	127.34	17.12	455.8	3562	84.1	9.4	843	2.04	23.6	8.5	5.5	1.8	194.7	5.15	7.17	.23	277	1.37	.291	9.7	68.9	.23	696.1	.003	5	.51	.007	.15	<.2	.41	861	15.2	.24	2.5	.29
99X10110	20.58	119.90	11.80	565.4	1267	86.6	8.2	121	2.50	25.0	10.3	11.4	2.0	86.0	5.06	11.07	.18	480	.35	.206	10.2	53.8	.21	921.1	.006	7	1.14	.004	.14	<.2	.68	560	6.7	.12	4.4	.12
99X10111	2.20	50.10	13.49	111.4	225	34.3	15.5	339	3.07	13.5	1.1	8.4	5.1	12.6	.49	1.34	.25	89	.08	.036	7.7	43.3	.62	400.8	.066	1	2.76	.010	.07	.2	.16	88	1.2	.05	6.1	<.01
99X10112	5.32	81.20	12.76	100.7	692	43.2	11.2	736	2.03	7.5	5.4	10.2	1.7	21.9	1.17	1.20	.23	37	.05	.028	4.3	14.2	.04	527.8	.006	5	.50	.004	.13	<.2	.22	200	2.5	.08	1.5	.17
99X10113	8.17	63.13	11.00	146.4	1302	32.6	2.9	79	1.26	9.6	6.0	4.7	1.3	68.9	2.01	4.27	.18	171	.47	.115	6.5	29.7	.16	424.9	.009	3	.68	.004	.08	<.2	43	570	4.7	.09	2.8	.05
99X10116	5.70	81.60	12.61	306.8	1191	75.5	17.5	535	3.04	9.8	4.6	16.2	2.0	89.7	1.06	2.99	.27	86	1.83	.086	6.9	24.2	.62	578.1	.008	6	.86	.007	.16	<.2	.23	479	5.2	.11	2.1	.15
99X10117	5.43	100.75	14.22	122.9	593	78.5	14.7	448	3.05	9.0	3.9	12.5	2.3	94.6	.91	2.42	.25	40	1.56	.096	7.5	12.8	.39	985.8	.004	5	.92	.007	.13	<.2	.17	517	3.9	.11	2.1	.15
99X10118	9.21	98.67	27.15	225.2	1096	70.9	25.4	803	3.73	22.0	3.5	10.9	3.6	160.1	.94	3.31	.39	98	.88	.126	8.3	23.5	.33	931.4	.004	5	.93	.007	.21	<.2	.26	447	4.7	.28	2.8	.34
99X10121	9.35	107.07	10.16	564.7	1296	88.5	9.5	447	1.70	19.1	9.4	8.2	1.3	115.1	7.86	11.10	.17	238	2.31	.114	5.5	17.9	.39	567.4	.004	5	.54	.005	.07	<.2	.49	649	7.9	.11	1.7	.13
99X10124	5.68	28.15	9.94	188.1	486	27.6	6.5	136	2.87	10.3	.8	1.8	1.9	16.4	.69	1.60	.44	73	.07	.038	5.6	23.4	.19	208.7	.028	2	1.40	.006	.08	.4	.16	45	.7	.07	6.1	.02
99X10125	4.34	71.91	12.36	234.3	581	69.5	17.3	338	3.89	5.9	1.9	6.3	3.2	34.6	.84	1.97	.33	84	.52	.035	5.5	22.4	.38	1091.8	.007	1	1.56	.005	.10	<.2	.14	194	1.4	.08	4.2	.01
99X10126	36.93	77.40	12.79	572.8	1293	113.4	12.5	189	2.71	28.1	4.3	13.3	2.9	28.4	2.93	17.21	.25	296	.40	.046	6.1	18.3	.20	416.1	.004	4	.86	.003	.13	<.2	.76	623	4.9	.12	2.7	.03
99X10127	7.44	80.54	17.48	126.7	425	39.9	14.8	445	4.12	12.8	1.5	14.4	2.8	122.3	.45	2.77	.36	59	.11	.092	4.0	16.2	.08	851.1	.005	2	.94	.006	.22	<.2	.23	181	3.0	.15	2.1	.43
99X10128	6.48	65.09	21.20	176.8	718	34.3	8.0	187	4.65	18.0	3.6	27.5	3.1	234.8	2.06	3.99	.50	65	.12	.148	7.5	14.7	.07	289.5	.002	1	.58	.014	.40	<.2	.40	407	8.4	.22	1.8	.94
RE 99X10128	7.04	67.87	21.96	181.0	765	35.6	8.6	200	4.81	17.5	3.7	28.9	3.1	246.7	2.19	4.19	.50	67	.12	.153	8.0	18.8	.07	299.8	.002	2	.59	.014	.42	<.2	.42	396	9.1	.20	1.9	1.03
99X10129	37.13	330.53	17.96	1090.6	8136	190.4	9.6	863	3.22	63.1	10.6	3.9	2.3	179.7	17.91	24.15	.22	683	1.83	.380	8.8	94.5	.54	670.8	.004	5	.50	.005	.12	.2	.68	1683	47.2	.30	3.1	.20
99X10130	69.07	216.76	17.70	1862.2	3476	222.0	6.5	204	2.60	72.6	16.1	8.0	2.3	130.3	16.68	40.48	.30	681	.89	.319	10.5	59.1	.17	1104.0	.007	3	.87	.004	.14	.3	1.09	816	15.0	.29	4.1	.14
99X10131	9.12	104.65	13.18	190.9	175	66.4	26.7	657	4.35	11.4	1.6	3.3	2.8	19.5	.25	1.80	.32	31	.15	.035	5.0	6.9	.11	448.0	.004	1	.76	.006	.15	<.2	.17	105	1.7	.13	1.7	.09
99X10132	4.16	96.23	14.38	275.2	99	83.9	28.2	1652	7.02	10.6	1.1	2.3	2.0	14.6	.56	1.74	.33	69	.06	.086	5.0	18.2	.13	305.8	.018	<1	.92	.006	.12	<.2	.13	51	1.1	.11	4.6	.06
99X10133	2.64	43.46	15.25	173.0	101	42.8	20.3	738	5.35	11.3	1.0	1.8	2.6	17.7	.42	1.13	.32	72	.08	.052	5.4	28.8	.33	403.8	.019	<1	2.23	.005	.10	<.2	.12	45	.5	.07	6.1	.03
99X10134	10.50	31.57	15.25	124.3	379	39.6	8.1	602	2.87	14.4	1.7	3.3	2.3	104.3	.47	1.60	.29	69	.12	.090	8.7	23.8	.26	910.6	.018	<1	1.38	.007	.17	<.2	.19	121	1.9	.13	4.3	.21
99X10135	7.02	91.87	11.52	132.2	296	44.6	14.4	162	2.87	4.6	.6	2.3	2.1	85.1	.73	1.30	.30	31	.36	.055	2.8	11.3	.14	668.0	.007	4	.81	.006	.17	<.2	.18	87	1.2	.09	2.6	.19
99X10136	.93	33.93	8.91	92.7	84	29.3	15.5	529	2.37	3.8	.4	1.3	2.6	14.1	.39	.59	.21	28	.42	.030	5.6	15.1	.23	727.3	.006	2	1.16	.005	.16	<.2	.07	28	.5	.05	3.4	.01
99X10137	2.11	25.71	10.18	95.8	152	28.1	9.9	243	2.97	13.2	.5	3.3	3.0	21.4	.34	1.21	.23	64	.08	.029	5.6	33.3	.51	401.5	.035	<1	2.08	.008	.09	<.2	.11	46	.7	.07	5.3	.05
99X10138	3.13	41.31	13.28	109.9	393	34.2	11.6	314	3.45	5.7	.6	2.0	2.3	102.9	1.47	.98	.28	40	.07	.062	5.7	13.6	.17	1007.6	.012	<1	1.08	.013	.25	<.2	.21	56	1.0	.08	3.2	.38
STANDARD DS2	14.45	130.34	30.41	164.3	258	38.2	12.2	826	3.16	63.9	18.4	219.9	3.4	28.3	11.39	10.30	10.90	83	.56	.081	12.2	179.1	.66	151.0	.121	<1	1.90	.038	.16	7.2	2.16	247	2.6	1.90	6.4	.01

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: SOIL Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 22 1999 **DATE REPORT MAILED:** Aug 3/99 **SIGNED BY.** D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data A/FA ___

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.)
852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 2/#11 File # 9902430

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99R05158	2.26	70.91	2.55	223.9	53	32.6	10.3	2466	2.79	3.2	.3	9.2	1.0	5.8	1.60	1.83	.12	16	.23	.004	.8	22.7	.04	296.2	.001	3	.22	.005	.07	7.9	.03	226	.8	.07	.9	.02
2 RE 99R05158	2.32	72.22	2.66	229.4	52	33.4	10.8	2524	2.83	3.2	.4	9.3	1.1	6.0	1.67	1.79	.11	17	.23	.004	.8	21.8	.04	302.0	.001	3	.23	.005	.08	8.4	.03	243	.8	.07	.9	.02
STANDARD DS2	13.71	126.36	28.42	161.4	249	35.8	12.3	791	3.10	61.9	20.1	216.0	3.3	28.3	10.98	9.20	10.70	81	.55	.080	11.4	161.7	.55	134.0	.107	2	1.68	.036	.16	7.0	2.08	211	2.5	1.82	5.9	.03

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: ROCK

DATE RECEIVED: JUL 22 1999 **DATE REPORT MAILED:** Aug 3/99 **SIGNED BY** ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data FA

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 3.1 File # 9902447 Page 1

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
L1600E 4000N	24.49	235.16	12.72	339.6	1504	39.7	1.9	102	1.91	61.4	33.5	9.6	3.0	378.9	27.21	30.72	.24	865	.44	.772	9.8	57.2	.08	4217.8	.003	7	1.46	.006	.12	.3	1.83	361	32.3	1.22	3.8	.13
L1600E 3950N-A	4.75	39.34	11.23	483.7	1149	71.2	12.2	386	2.86	20.1	2.4	4.2	4.2	107.6	2.61	7.34	.26	204	.36	.267	12.7	55.1	.46	379.4	.044	2	1.91	.008	.08	.2	.30	115	7.8	.10	5.1	.02
L1600E 3950N-B	65.02	308.45	16.23	879.0	1365	68.1	3.0	119	2.99	63.5	19.3	12.5	3.1	710.3	27.84	38.52	.33	447	.97	.827	11.7	79.2	.07	1121.2	.004	10	1.28	.010	.24	.5	5.57	216	74.7	2.05	5.4	.36
L1600E 3925N	32.68	205.12	13.87	240.1	2823	68.2	6.5	172	2.40	27.1	14.7	8.5	2.2	307.2	11.59	41.12	.23	985	1.02	.585	12.7	129.4	.30	1609.9	.027	10	1.69	.009	.18	.4	4.49	286	39.8	.50	9.1	.25
L1600E 3900N	24.43	113.09	11.68	254.0	3002	83.0	8.5	225	2.96	29.0	10.2	12.3	4.2	222.2	5.76	24.82	.24	662	.83	.576	14.5	105.6	.36	1105.6	.037	7	1.92	.010	.15	.4	2.82	241	32.5	.48	9.4	.18
L1600E 3875N	21.07	90.98	11.17	124.2	1803	44.1	5.1	125	3.17	45.8	8.9	9.2	2.7	190.1	5.28	20.89	.24	632	.56	.729	9.5	65.4	.25	856.4	.017	7	2.01	.008	.16	.4	3.58	182	90.1	1.00	8.4	.28
L1600E 3850N	18.57	96.16	9.27	164.8	1003	59.0	9.7	353	2.37	25.3	13.0	11.5	3.0	216.3	8.26	26.41	.17	543	.40	.583	12.6	53.8	.34	1179.7	.027	4	1.76	.007	.10	.4	2.28	181	26.2	.51	5.5	.09
L1600E 3825N	10.68	31.36	7.59	60.8	477	26.1	8.5	305	2.10	11.7	2.7	7.2	4.0	37.7	.72	7.96	.27	232	.21	.173	9.7	31.0	.40	325.2	.034	2	1.76	.006	.07	.3	.93	124	10.8	.16	4.6	.07
L1600E 3800N	27.90	33.89	12.50	67.8	642	29.5	6.7	275	2.44	18.2	2.9	3.5	2.8	104.2	1.42	17.18	.38	782	.21	.232	8.4	56.7	.39	657.3	.025	5	2.34	.008	.12	.4	2.50	88	43.1	.57	7.5	.14
L1600E 3775N	10.76	43.67	10.56	68.3	358	33.2	8.8	304	2.71	17.6	3.5	10.3	4.1	55.0	.92	6.45	.26	283	.20	.152	10.1	44.9	.47	474.2	.033	3	2.20	.009	.10	.3	.87	79	20.6	.38	6.1	.11
L1600E 3750N	6.90	62.30	11.54	93.7	336	48.4	13.7	458	3.27	18.7	9.6	9.6	4.4	58.8	.80	6.21	.28	221	.34	.164	11.9	48.7	.69	607.8	.048	2	2.29	.012	.10	.3	.46	227	10.5	.29	6.6	.07
L1600E 3725N	9.27	118.49	13.52	328.2	1812	93.3	19.5	479	4.97	18.3	7.1	10.4	3.6	261.0	3.20	9.73	.23	229	.26	.223	11.6	47.7	.21	563.6	.010	3	1.54	.014	.31	<.2	1.15	382	12.0	.21	3.7	.59
L1600E 3700N	1.68	64.18	12.22	137.5	55	53.0	15.5	433	3.95	10.2	1.1	10.0	5.3	59.8	.64	1.56	.29	55	.09	.068	8.3	31.7	.42	385.7	.039	1	1.61	.011	.17	<.2	.13	42	1.6	.07	3.7	.26
RE L1600E 3700N	1.72	64.36	12.66	137.8	55	53.6	15.9	436	3.96	10.2	1.1	8.6	5.3	58.4	.64	1.58	.30	55	.09	.067	8.4	30.8	.43	384.2	.038	1	1.63	.010	.18	<.2	.12	44	1.6	.07	3.7	.30
L1600E 3675N	2.36	87.19	17.54	152.2	38	51.5	18.1	448	4.37	14.0	.8	1.7	5.0	32.8	.52	1.86	.46	82	.06	.070	8.7	33.9	.33	252.0	.046	2	1.65	.006	.11	.2	.09	26	1.6	.09	5.5	.13
L1600E 3650N	2.31	27.97	14.92	94.0	204	26.1	14.6	643	3.89	16.0	.6	3.7	2.7	16.3	.78	1.48	.39	105	.07	.065	8.7	32.9	.31	234.5	.046	1	1.91	.006	.08	.2	.10	43	.9	.08	8.6	.06
L1600E 3625N	1.18	25.76	7.94	130.7	85	31.7	12.0	281	2.35	10.9	1.1	4.7	4.7	15.2	.87	1.50	.18	62	.10	.047	9.9	33.5	.50	242.9	.045	1	1.97	.007	.06	.2	.09	61	1.0	.03	4.3	.03
L1600E 3600N	1.92	35.67	12.44	152.3	193	39.4	11.7	277	3.90	16.1	.7	3.7	4.3	47.5	.72	2.11	.26	88	.07	.048	7.7	38.8	.47	579.7	.041	2	2.34	.009	.18	<.2	.20	46	2.5	.05	5.6	.24
L1600E 3575N	8.75	73.47	14.76	301.1	1546	70.8	8.6	204	4.38	29.8	3.5	5.6	2.1	173.2	2.56	7.83	.26	296	.10	.215	5.3	44.7	.18	445.5	.015	5	1.90	.010	.42	<.2	1.51	410	10.0	.21	5.9	.85
L1600E 3550N	16.82	114.18	14.81	314.5	7322	54.4	7.2	336	2.47	27.3	9.3	4.3	1.1	341.4	6.92	18.69	.25	1028	1.58	.945	11.4	161.0	.23	3584.2	.028	11	1.84	.010	.19	.3	2.03	104	30.2	.36	7.8	.18
L1600E 3525N	55.07	164.42	17.39	417.6	8916	90.2	4.3	153	2.85	45.3	10.7	5.3	2.2	335.1	4.33	33.14	.27	933	.50	.468	11.3	133.7	.20	3553.2	.022	5	1.61	.007	.15	.4	5.10	160	51.6	.52	8.2	.27
L1600E 3500N	4.61	48.87	17.82	193.7	230	45.8	11.1	206	4.29	17.1	1.4	3.0	2.9	190.8	.30	1.88	.29	89	.05	.081	5.8	33.1	.34	883.6	.025	2	1.93	.007	.22	<.2	.24	44	1.6	.17	5.1	.31
L1600E 3475N	3.51	38.55	11.61	198.1	225	48.1	10.8	264	2.96	11.9	1.1	6.2	4.7	21.7	.38	2.35	.22	78	.06	.027	9.1	32.2	.43	570.6	.037	2	1.77	.006	.07	<.2	.23	80	1.2	.05	4.5	.02
L1600E 3450N	3.23	64.55	16.62	213.2	755	50.5	10.6	137	4.26	8.9	.9	3.4	1.9	51.5	.56	2.27	.33	53	.04	.062	4.4	23.0	.19	984.8	.015	2	1.41	.006	.18	<.2	.23	66	2.2	.09	4.5	.21
L1600E 3425N	3.22	34.34	11.84	141.0	626	39.7	10.0	229	3.21	10.3	.8	4.7	3.3	29.7	.55	1.63	.24	78	.08	.053	7.6	31.7	.37	438.6	.029	2	1.86	.006	.09	<.2	.19	59	1.4	.05	5.3	.05
L1600E 3400N	2.26	34.94	11.83	95.7	305	37.4	10.9	319	3.05	13.4	1.8	7.1	5.8	20.1	.42	1.59	.24	95	.12	.053	12.4	42.5	.61	579.0	.060	2	2.37	.008	.08	.2	.18	126	1.2	.05	6.1	.03
L1700E 4000N	21.56	126.58	13.37	123.5	6964	16.1	.6	18	2.15	22.8	21.0	6.4	3.3	294.6	17.76	11.48	.27	590	1.15	1.162	12.5	135.8	.09	3043.3	.005	10	1.50	.009	.20	.4	1.64	255	49.6	72	6.5	.31
L1700E 3975N	7.01	49.20	10.83	464.1	690	56.8	10.2	267	2.90	22.0	2.3	6.6	8	59.4	2.20	4.86	.25	258	.28	.200	10.4	53.9	.56	480.7	.032	2	2.19	.008	.08	3	.54	82	8.0	.25	6.7	.05
L1700E 3950N	24.96	74.25	14.15	541.3	2868	63.9	5.3	443	2.03	18.3	6.1	3.3	.7	198.8	3.71	19.18	.27	685	.38	.350	7.0	86.9	.17	1186.2	.010	8	1.51	.006	.12	.3	2.32	75	40.8	.66	6.6	.20
L1700E 3925N	9.41	46.67	12.77	651.1	2963	82.5	11.9	374	2.93	29.2	3.3	4.6	3.9	133.9	3.98	11.68	.24	420	.37	.424	10.7	73.7	.43	744.6	.031	4	2.01	.007	.10	3	.93	119	12.9	.23	6.1	.08
L1700E 3900N	36.00	145.78	19.90	2225.4	2579	314.8	25.0	458	4.42	63.3	8.3	11.4	4.2	215.4	10.62	54.09	.37	778	.56	.446	11.4	135.0	.22	651.9	.016	5	1.74	.006	.12	.3	1.81	193	40.2	.38	6.3	.12
L1700E 3875N	35.98	164.93	14.55	736.9	3023	117.5	9.9	262	2.71	42.9	15.7	10.2	1.0	329.7	14.01	36.26	.25	777	.97	.789	11.4	99.2	.19	2064.8	.016	9	1.64	.010	.16	.4	2.11	270	43.0	.57	6.9	.20
L1700E 3850N	24.12	174.98	11.78	273.0	5015	46.7	3.3	91	2.07	31.5	17.4	4.6	.9	395.7	17.08	23.96	.22	778	1.93	1.313	13.6	163.3	.18	2723.9	.013	15	1.66	.011	.22	.4	1.78	247	36.5	.56	8.0	.25
L1700E 3825N	38.00	157.49	11.57	192.7	2309	60.3	5.2	223	2.31	36.9	17.0	8.5	.7	348.8	12.83	29.47	.20	707	.77	.705	10.2	60.5	.22	2295.3	.016	8	1.57	.008	.14	.3	1.96	304	39.9	.60	6.2	.17
STANDARD DS2	13.87	128.01	30.48	163.1	242	38.0	12.9	810	3.12	63.1	20.9	192.5	3.5	29.5	11.48	10.02	11.17	82	.55	.081	13.7	165.7	.62	140.9	.116	2	1.78	.036	.16	7.6	2.12	242	2.5	1.87	6.0	.02

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: SOIL Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 22 1999 **DATE REPORT MAILED:** Aug 3/99 **SIGNED BY** ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data ✓ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
L1700E 3800N	24.82	148.49	8.62	274.0	867	40.5	4.5	175	1.69	21.7	16.4	7.6	1.9	287.6	13.79	20.10	.20	761	1.74	1.104	10.2	83.0	.14	1015.7	.012	14	1.42	.009	.18	.3	1.21	169	28.9	.63	6.0	.15
L1700E 3775N	27.21	76.99	12.59	262.4	2538	35.6	5.5	160	3.09	42.8	7.1	6.1	1.1	88.8	2.61	16.11	.26	464	.37	.314	9.8	62.1	.34	926.1	.025	7	2.14	.009	.12	.3	1.14	100	17.0	.32	7.0	.17
L1700E 3750N	7.41	43.27	10.00	84.9	664	27.3	8.8	305	2.74	16.9	2.3	6.2	3.9	55.1	1.35	5.30	.24	265	.26	.185	9.9	53.1	.53	556.6	.044	6	2.23	.012	.09	.3	.64	76	14.3	.32	6.4	.08
L1700E 3725N	2.58	30.58	14.47	136.0	128	26.8	5.9	97	2.75	9.1	.7	3.3	.1	42.8	.67	1.67	.32	93	.07	.081	7.4	27.8	.13	391.3	.013	5	.94	.005	.12	<.2	.36	57	1.6	.10	5.4	.14
L1700E 3700N	2.01	44.45	11.28	265.6	242	38.4	10.0	317	3.07	9.5	1.0	7.2	.2	56.0	1.15	1.83	.25	55	.06	.130	7.0	22.8	.13	477.5	.014	2	.96	.005	.08	<.2	.37	95	1.8	.08	3.7	.10
L1700E 3675N	2.00	25.85	10.24	293.9	223	60.4	16.5	673	3.45	10.6	1.0	5.6	4.4	29.8	2.58	1.53	.22	86	14	.059	8.7	42.1	.35	767.4	.027	3	1.97	.007	.09	<.2	.35	82	1.9	.05	4.4	.07
L1700E 3650N	3.07	36.93	9.81	237.7	172	45.4	13.5	437	3.01	10.6	2.1	5.1	2.2	34.8	2.15	2.74	.18	102	18	.093	11.7	32.4	.42	817.4	.037	3	1.65	.009	.11	<.2	.22	69	2.1	.04	4.6	.10
L1700E 3600N	1.92	63.81	11.43	762.0	112	100.8	14.6	408	4.35	6.7	.9	9.0	4.5	12.0	1.97	2.05	.32	46	.04	.043	6.8	22.4	.23	335.9	.012	4	1.51	.005	.12	<.2	.20	102	2.7	.08	3.3	.01
L1700E 3575N	14.29	106.51	13.63	376.5	3671	59.4	3.4	101	1.93	23.6	7.9	5.5	.3	152.5	5.30	17.18	.24	596	.29	.294	10.0	79.2	.20	2331.0	.015	7	1.19	.007	.13	.2	1.13	400	12.2	.22	5.7	.06
L1700E 3550N	16.39	130.97	13.43	794.1	3809	117.4	16.5	697	2.44	30.9	9.2	10.8	2.3	246.8	5.76	17.83	.36	469	.88	.519	13.3	105.7	.29	2867.3	.028	11	1.46	.008	.18	.2	1.23	376	17.2	.23	5.9	.11
L1700E 3525N	14.78	99.03	16.83	679.9	6118	104.1	6.8	365	3.13	33.3	6.6	5.2	1.5	176.0	4.08	19.46	.50	471	.19	.211	8.1	94.3	.11	1410.6	.013	6	.97	.008	.20	.3	2.18	237	40.4	.37	5.0	.27
RE L1700E 3450N	1.25	29.50	11.25	78.6	29	30.5	10.4	315	2.91	11.6	.7	4.7	5.1	12.3	.20	1.14	.25	63	.08	.020	8.9	33.1	.53	284.9	.065	2	2.09	.010	.06	.2	.13	38	.8	.04	4.8	<.01
L1700E 3500N	6.18	34.17	13.06	183.0	1295	42.9	9.1	292	3.10	18.0	2.5	4.1	2.6	47.0	.71	3.49	.30	186	.14	.090	10.9	51.7	.44	484.1	.043	3	2.33	.008	.09	.2	.46	91	2.3	.08	7.2	.04
L1700E 3475N	2.21	37.70	13.61	86.1	585	29.2	8.5	205	3.74	10.7	.8	11.3	3.0	59.8	.29	1.86	.29	65	.07	.045	6.3	31.6	.42	436.6	.041	3	1.80	.009	.24	<.2	.27	125	1.7	.07	5.0	.29
L1700E 3450N	1.37	30.75	11.10	81.0	28	32.3	10.9	323	3.04	12.3	.8	4.2	5.5	13.4	.18	1.15	.23	68	.09	.020	10.0	36.0	.56	307.9	.074	2	2.27	.010	.06	.2	.13	38	.7	.04	5.0	.01
L1700E 3425N	3.30	55.96	17.50	121.3	96	36.4	11.6	331	4.16	11.8	.9	6.9	3.5	71.4	.25	1.38	.41	51	.05	.051	6.0	25.7	.32	488.1	.032	2	1.67	.010	.32	<.2	.17	43	1.2	.12	4.2	.48
L1700E 3400N	6.92	36.24	10.95	318.2	3178	40.3	8.0	263	3.10	26.9	3.3	3.9	4.6	49.9	2.47	7.18	.27	301	.21	.183	12.4	60.5	.55	1269.3	.058	3	2.44	.009	.09	.3	.40	131	4.4	.10	8.0	.02
L1800E 4000N	7.74	29.90	13.31	147.1	1353	22.7	4.7	117	3.01	22.9	3.2	4.7	2.4	60.7	1.60	5.48	.28	380	.10	.178	10.2	70.2	.27	938.0	.025	3	2.13	.008	.12	.2	.51	147	10.4	.16	7.2	.14
L1800E 3975N	4.45	23.64	14.02	102.4	433	18.9	4.7	126	4.37	22.5	.6	4.5	3.4	92.7	.33	3.35	.30	146	.05	.085	5.3	34.0	.30	330.2	.029	2	1.69	.013	.39	<.2	.31	104	20.2	.13	5.5	.68
L1800E 3950N	3.42	34.93	11.95	148.0	403	26.4	6.4	159	3.46	15.3	1.0	9.4	3.7	50.0	.44	4.13	.23	153	.06	.052	7.4	40.5	.38	354.4	.046	2	1.99	.008	.13	<.2	.20	103	4.8	.11	5.7	.16
L1800E 3925N	4.98	38.62	13.72	113.6	221	25.0	4.1	105	2.83	9.0	.5	3.2	2.0	299.6	.33	3.11	.27	88	.06	.108	8.7	25.6	.19	575.7	.025	3	1.79	.008	.12	<.2	.14	48	12.1	.13	5.0	.14
L1800E 3900N	2.23	29.93	11.97	110.4	116	32.1	10.6	273	3.36	14.6	.8	5.1	5.0	35.3	.63	2.15	.28	80	.09	.041	9.8	40.3	.61	256.3	.089	2	2.40	.015	.13	.2	.12	47	3.3	.06	5.7	.10
L1800E 3875N	27.80	135.28	13.86	231.0	3484	46.1	6.0	322	2.03	21.7	12.7	7.2	.4	196.9	13.51	25.14	.24	726	.46	.496	16.7	93.0	.17	2585.4	.011	8	1.22	.007	.17	.3	1.67	522	41.4	.40	5.6	.28
L1800E 3850N	25.08	118.98	15.47	54.2	2799	19.7	1.6	47	1.30	13.6	11.1	6.0	.3	148.8	7.71	18.75	.23	464	15	.308	12.3	71.0	.11	2382.2	.012	8	.87	.005	.12	.3	1.35	473	40.2	.50	4.4	.19
L1800E 3825N	14.40	130.98	10.11	76.9	3046	30.9	4.3	137	1.76	14.4	12.8	5.7	1.0	159.8	8.52	14.03	.18	480	.46	.458	13.5	92.7	.28	2677.4	.025	6	1.43	.007	.11	.3	.85	407	15.1	27	4.8	.10
L1800E 3800N	16.43	151.64	14.98	43.0	1422	20.3	3.4	117	1.06	11.5	15.0	3.3	2.5	215.4	7.25	12.11	.20	480	.16	.379	22.2	94.8	.14	5273.5	.015	9	1.50	.005	.09	.2	.94	257	18.8	.40	4.1	.09
L1800E 3775N	19.40	160.54	24.53	230.9	6692	60.1	1.4	32	2.73	55.6	20.3	11.8	4.2	468.6	8.13	42.92	.35	1039	1.49	1.179	16.2	167.2	.15	3451.8	.009	16	1.80	.010	.32	.2	1.43	908	69.4	.63	6.6	.21
L1800E 3750N	18.65	62.16	11.00	96.1	1185	37.8	6.1	169	2.99	32.2	5.9	9.9	3.0	112.7	4.03	10.29	.23	383	.42	.431	11.2	50.4	.41	698.9	.040	4	2.09	.012	.13	.3	1.05	122	35.3	.79	6.2	.17
L1800E 3725N	11.70	73.95	8.29	164.6	946	36.3	6.7	161	2.38	14.0	3.8	5.4	1.6	120.8	2.89	6.28	.18	203	.32	.220	7.9	31.6	.26	435.0	.023	4	1.02	.007	.16	.2	.87	135	15.8	.27	4.0	.21
L1800E 3700N	10.66	187.58	22.18	180.0	883	40.0	7.3	116	4.56	14.6	1.4	38.7	1.7	72.4	.28	4.23	.30	72	.02	.073	3.7	24.4	.06	389.8	.004	3	.91	.009	.40	<.2	.82	221	5.6	.15	2.7	.64
L1800E 3675N	4.06	396.32	39.54	216.2	1637	67.6	15.4	350	7.99	13.8	1.5	19.4	.2	127.7	.49	3.14	.56	84	.07	.178	6.4	37.3	.05	396.8	.013	4	1.07	.014	.30	<.2	.44	358	5.0	.36	3.7	.56
L1800E 3650N	3.59	82.95	20.87	90.6	1058	27.6	7.2	136	6.05	22.8	.7	12.4	3.0	172.4	.35	2.39	.42	93	.07	.092	6.1	47.6	.32	216.7	.039	3	1.93	.017	.47	.2	.53	138	2.9	.23	7.2	.92
L1800E 3625N	3.80	149.27	18.59	251.2	428	107.1	19.2	236	5.98	27.8	1.3	12.5	4.3	191.5	.27	1.48	.32	55	.02	.126	6.8	30.8	.11	483.0	.006	2	1.47	.013	.21	<.2	1.45	134	3.3	.11	2.7	.37
L1800E 3575N	1.53	98.83	14.86	211.7	160	78.4	15.8	252	3.51	4.9	.9	15.0	1.6	42.6	.19	1.19	.27	19	.05	.047	2.9	15.7	.12	431.0	.003	3	.91	.005	.18	<.2	.23	114	1.9	.09	1.9	.18
STANDARD D52	13.49	127.58	30.77	162.1	233	37.6	12.4	802	3.11	62.8	19.8	200.5	3.4	28.3	11.03	10.07	10.87	81	.55	.080	13.3	165.9	.62	137.1	.116	3	1.79	.036	.16	7.3	2.12	238	2.7	1.86	5.9	.02

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data d FA ____

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
L1800E 3550N	3.63	65.75	17.59	360.2	144	81.8	22.1	524	3.64	8.0	1.4	9.0	2.2	63.9	.43	1.57	.30	35	.14	.041	3.8	21.0	.17	1104.1	.003	4	1.60	.005	.15	<.2	.30	203	2.1	.06	2.9	.15
L1800E 3450N	1.81	29.27	10.60	147.6	37	37.2	11.7	378	3.13	15.9	1.1	6.4	4.2	36.2	1.08	1.73	.26	78	.13	.068	10.8	36.5	.51	431.2	.052	2	2.10	.008	.08	.2	.13	48	1.0	.06	5.5	.04
L1800E 3425N	2.28	29.33	13.55	225.0	304	32.9	13.3	1093	3.67	11.7	.6	1.9	1.1	28.9	1.86	2.00	.38	101	.10	.096	8.5	31.8	.33	342.3	.033	2	1.76	.005	.07	.2	.16	53	.9	.09	7.0	.03
L1800E 3400N	2.17	41.13	10.07	121.3	160	44.6	10.3	329	3.10	13.3	1.2	5.3	3.8	44.8	1.20	1.88	.22	106	.08	.041	8.7	38.9	.52	608.8	.041	2	2.34	.007	.10	.2	.13	69	1.3	.04	5.5	.09
L1900E 3975N	3.40	64.16	15.07	2225.8	703	267.3	5.7	113	4.23	18.5	1.8	9.9	2.4	203.0	3.21	2.17	.37	106	.55	.139	6.7	30.7	.17	626.0	.015	4	1.28	.007	.29	<.2	.34	222	5.1	.16	5.0	.52
L1900E 3950N	2.72	35.10	9.18	150.5	754	28.2	8.8	217	2.12	13.2	2.0	4.9	1.2	42.8	2.74	3.95	.21	158	.35	.147	13.9	34.7	.46	474.7	.037	2	1.23	.010	.06	.3	.28	181	4.3	.05	4.1	.01
L1900E 3925N	3.55	146.06	13.38	201.1	2365	36.1	3.6	64	2.31	8.3	5.6	41.7	.1	67.9	3.03	4.38	.24	120	.18	.346	10.5	36.0	.16	549.7	.008	3	1.03	.006	.09	<.2	.44	928	8.4	.12	3.4	.15
L1900E 3900N	9.26	317.92	20.63	823.8	1736	109.3	21.4	404	4.43	21.1	4.1	81.6	3.3	162.4	7.10	7.74	.50	225	.42	.251	8.6	28.2	.19	488.9	.014	4	.98	.012	.30	<.2	.53	877	11.8	.24	2.9	.48
L1900E 3875N	24.20	193.09	14.06	737.4	6520	100.5	5.1	84	2.42	31.2	10.5	7.1	1.5	191.1	12.60	24.78	.26	667	.88	.385	15.7	94.9	14	1041.1	.013	7	.93	.008	.25	.2	1.72	846	26.4	.43	5.4	.39
L1900E 3850N	6.21	63.67	8.57	63.1	2258	16.6	1.3	30	1.15	5.8	6.2	4.9	.1	102.8	4.89	8.69	.19	191	.31	.270	8.4	39.7	.08	921.2	.008	3	.68	.005	.08	.2	.72	338	19.5	.31	4.2	.14
L1900E 3675N	10.28	35.41	15.22	194.0	2186	15.5	2.3	114	1.03	7.3	5.9	3.5	<.1	164.3	6.51	7.64	.48	564	1.26	.154	7.1	36.9	.17	1002.4	.007	2	.85	.007	.07	.2	1.05	139	7.9	.22	5.8	.10
RE L1900E 3950N	2.40	33.34	8.33	141.0	688	26.1	7.7	207	2.01	11.3	1.8	5.2	1.1	37.0	2.38	3.60	.21	148	.34	.141	12.5	31.4	.42	422.9	.034	2	1.12	.010	.06	.2	.27	181	4.1	.06	3.7	.04
L1900E 3625N	14.99	130.42	12.64	519.9	2493	70.7	16.1	785	1.79	20.3	10.6	6.8	.6	168.4	10.74	13.89	.25	472	.79	.324	7.7	63.1	.20	2085.3	.008	7	1.03	.005	.15	.2	.93	633	11.0	.18	4.4	.13
L1900E 3600N	3.31	84.00	11.38	183.7	91	43.3	10.2	80	3.84	6.3	.6	4.9	2.3	137.6	.22	1.53	.32	39	.05	.081	3.2	11.7	.07	345.8	.006	5	.58	.009	.53	<.2	.36	61	2.8	.12	2.8	.83
L1900E 3575N	3.91	64.60	11.44	189.3	1570	33.6	5.3	76	2.14	11.0	4.5	5.7	.2	57.9	5.54	3.10	.23	120	.19	.219	6.9	28.1	.09	758.7	.008	3	.79	.005	.12	<.2	.22	323	5.0	.08	3.5	.19
L1900E 3500N	4.11	67.23	8.04	103.0	1704	27.9	2.0	24	1.71	6.0	4.2	9.5	.4	58.6	6.77	4.41	.19	87	.35	.135	4.2	17.2	.08	1353.2	.005	4	.63	.007	.10	<.2	.44	449	6.8	.08	2.1	.18
L1900E 3475N	8.09	99.70	13.89	130.5	1765	24.2	1.8	24	2.13	15.3	8.6	9.1	<.1	105.9	6.63	15.72	.26	269	.11	.270	6.3	32.1	.05	944.7	.007	4	.74	.005	.21	<.2	.73	493	32.5	.17	3.8	.30
L1900E 3450N	7.90	48.25	11.03	45.8	6165	14.5	2.2	54	1.93	14.4	9.2	6.7	.1	58.0	3.38	10.73	.27	486	.19	494	9.9	66.1	.21	790.1	.013	3	1.39	.005	.07	.2	1.21	407	21.7	.19	9.1	.05
L1900E 3425N	46.66	228.13	16.64	59.1	7344	20.4	.6	14	1.28	24.3	27.5	9.6	.6	181.7	10.14	35.76	.22	1504	.25	.360	9.8	133.4	.08	1530.9	.011	7	1.01	.004	.18	.4	3.66	808	48.7	.47	9.1	.24
L1900E 3400N	30.12	180.19	11.36	99.0	7994	59.2	4.8	143	2.12	25.1	31.0	13.2	2.3	342.9	13.84	13.29	.21	1011	1.29	.798	13.7	155.1	.25	2081.0	.025	7	1.48	.007	.16	.4	2.42	998	48.3	.45	7.3	.20
L2000E 4000N	12.57	190.58	16.95	297.9	7137	108.2	12.1	257	3.11	27.1	11.4	9.2	5.5	491.8	4.26	6.29	.34	267	2.43	1.167	28.9	123.0	.17	1194.4	.010	10	1.92	.009	.27	.2	.63	367	9.3	.30	5.4	.28
L2000E 3950N	7.84	84.56	12.37	114.9	983	23.9	1.4	23	.92	7.3	4.2	3.0	<.1	96.0	4.97	8.66	.21	215	.11	.163	7.0	37.7	.04	727.5	.004	3	.44	.003	.07	<.2	.66	327	17.9	.41	3.2	.11
L2000E 3925N	19.59	237.70	20.46	867.1	5966	205.6	5.8	84	2.81	41.7	22.7	3.9	2.1	454.5	32.88	33.07	.33	1092	2.08	1.230	22.6	207.6	.13	1719.6	.010	15	1.33	.008	.26	.3	1.03	464	77.4	.71	6.0	.21
L2000E 3900N	29.39	115.93	14.34	134.3	2728	35.6	1.6	33	1.69	21.8	9.9	2.2	.2	261.9	16.10	18.46	.27	770	.45	.488	9.6	80.4	.07	1292.6	.012	4	.86	.005	.13	.2	1.99	308	52.6	.63	7.4	.20
L2000E 3875N	35.43	474.18	10.71	380.8	3263	127.3	2.8	133	1.84	52.3	35.0	6.4	2.6	714.8	29.59	44.69	.19	1575	2.33	1.635	23.5	158.6	.14	2243.1	.021	10	2.30	.006	.16	.4	1.43	753	36.9	.73	7.3	.11
L2000E 3850N	38.30	160.42	12.11	84.4	2073	35.8	2.4	55	2.38	33.6	20.4	10.9	3.7	299.1	11.48	20.21	.24	692	.73	.968	11.7	70.3	.17	1263.5	.008	7	1.90	.007	.15	.4	1.70	412	92.5	1.49	6.1	.21
L2000E 3825N	30.43	94.96	11.52	105.6	2836	35.8	4.2	86	2.44	26.9	9.6	15.1	3.9	217.2	6.34	19.97	.24	546	.68	.729	10.7	64.1	.29	1199.0	.018	7	1.80	.008	.17	.4	2.00	320	48.5	.85	7.1	.23
L2000E 3800N	27.52	103.97	14.35	56.6	2550	19.7	1.3	35	2.96	30.8	19.3	7.2	5.3	273.1	7.36	11.64	.38	603	1.27	1.779	12.6	115.0	.14	1273.5	.010	13	2.09	.008	.26	.3	1.11	236	79.5	1.85	6.5	.26
L2000E 3775N	20.77	140.74	12.06	138.0	6679	43.1	2.7	66	2.65	28.2	15.2	4.2	2.6	324.4	15.69	10.01	.32	463	1.29	1.216	12.5	135.1	.17	1286.8	.022	6	1.97	.012	.16	.4	.89	207	31.3	.38	9.0	.24
L2000E 3750N	11.34	93.69	12.00	107.3	2648	31.5	2.7	72	1.75	19.5	10.3	2.8	.1	119.6	3.49	8.27	.27	371	.48	.443	10.9	65.5	.12	1163.6	.010	5	.95	.006	.12	.2	1.02	200	35.9	.40	5.2	.12
L2000E 3725N	26.19	79.17	10.13	26.6	1481	13.1	1.2	34	1.93	34.7	9.9	7.3	1.2	119.0	1.21	19.01	.25	524	.15	.519	6.1	44.3	.10	2148.7	.007	4	1.48	.003	.08	.3	1.97	214	49.8	.86	4.8	.11
L2000E 3700N	45.51	373.66	14.38	128.5	3198	103.9	1.8	38	3.42	83.6	36.8	6.6	4.9	470.9	7.68	42.69	.36	1373	.82	1.689	14.6	170.3	.10	3628.0	.007	7	2.82	.005	.16	.4	1.64	1275	41.6	1.23	7.9	.13
L2000E 3675N	10.84	71.79	13.43	413.6	1795	55.0	19.2	774	4.74	18.9	3.1	5.0	.7	95.0	2.71	5.54	.25	138	.09	.244	10.6	26.1	.08	257.6	.006	3	.74	.010	.37	<.2	.90	171	9.8	.10	2.4	.71
L2000E 3650N	11.05	63.72	11.61	387.0	1126	52.3	12.1	258	6.34	19.7	3.1	1.3	3.7	156.4	3.98	6.20	.16	109	.16	.183	16.1	20.2	.06	97.3	.002	3	.58	.019	.59	<.2	1.18	126	4.0	.08	1.4	1.42
STANDARD DS2	14.19	127.07	30.01	161.1	218	37.2	12.9	803	3.11	61.4	20.3	198.2	3.4	28.8	11.50	10.09	10.90	81	.55	.080	13.7	167.9	.62	139.8	.115	2	1.78	.035	.16	7.4	2.17	224	2.2	1.82	6.0	.02

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data h FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
L2000E 3625N	6.62	51.37	14.26	355.2	293	56.1	11.7	316	3.35	17.6	1.5	7.4	2.7	46.0	3.12	5.41	.31	247	.28	.073	7.7	31.1	.38	996.2	.016	3	1.65	.007	.14	.2	.34	123	10.4	.11	4.9	.14
L2000E 3600N	6.16	52.14	13.44	338.2	316	55.4	10.3	291	3.07	16.0	1.6	8.2	2.2	46.4	2.99	5.13	.28	233	.31	.077	7.3	31.1	.35	960.4	.015	3	1.53	.008	.13	<.2	.33	115	9.9	.10	4.5	.15
L2000E 3500N	3.08	43.37	10.10	180.3	1793	40.6	4.8	86	1.89	9.6	2.4	6.6	1.3	52.5	1.26	3.20	.21	132	.31	.124	7.0	38.2	.29	863.4	.018	4	1.08	.007	.09	.2	.31	565	8.0	.08	4.0	.12
L2000E 3450N	3.51	44.81	7.50	18.8	3760	12.5	.7	20	.73	4.6	9.3	6.8	<.1	52.9	1.82	6.29	.14	159	.15	.273	7.0	30.4	.04	838.5	.004	2	.66	.007	.05	<.2	1.03	858	22.4	.09	2.8	.14
L2000E 3425N	3.57	58.91	11.97	33.2	3425	11.9	.9	24	1.15	7.6	12.3	8.0	<.1	95.8	2.62	7.19	.24	171	.16	.266	10.1	40.8	.06	1167.9	.006	2	.76	.006	.07	.2	.84	696	33.0	.24	4.6	.16
L2000E 3400N	32.98	86.16	17.17	96.7	1922	31.9	1.3	37	1.83	20.2	13.4	3.8	.1	151.9	3.27	14.91	.29	322	16	.337	12.4	38.4	.06	1394.7	.010	3	.85	.006	.15	.4	1.39	351	49.8	.50	4.6	.27
L2100E 4000N	19.74	143.72	15.49	373.3	1628	64.8	8.7	29	5.95	39.5	3.9	2.8	2.3	152.2	.83	8.96	.23	141	.03	.207	16.4	25.8	.05	171.2	.006	3	.79	.020	.63	<.2	1.64	397	44.9	.14	2.9	1.39
L2100E 3975N	20.63	104.42	13.13	389.6	1240	60.3	7.6	33	4.76	34.6	5.9	4.3	4.0	100.7	.91	10.84	.30	150	.02	.148	12.2	25.3	.03	208.0	.003	3	.63	.021	.50	<.2	1.21	896	17.0	.12	2.3	1.12
L2100E 3950N	3.94	66.54	10.11	356.1	1681	50.5	6.8	128	2.03	12.0	4.4	4.1	1.6	66.6	5.80	5.80	.22	209	.58	.263	6.3	38.0	.09	902.5	.006	6	.88	.006	.10	<.2	.25	380	15.9	.09	3.1	10
L2100E 3925N	13.05	187.10	12.20	930.5	10368	182.5	8.8	297	1.77	27.3	14.5	11.7	1.7	282.2	20.82	20.09	.35	581	2.58	.681	20.6	159.2	.18	2315.1	.011	13	.92	.008	.16	.3	.58	1510	43.4	.29	4.2	.16
L2100E 3900N	15.85	119.57	11.14	197.4	6219	31.9	4.3	104	1.57	14.0	10.6	10.7	1.5	163.7	16.24	12.25	.23	539	.54	.567	11.8	85.9	.23	1724.7	.024	4	1.74	.008	.09	.3	1.41	508	25.8	.30	6.7	.13
L2100E 3875N	21.95	39.38	12.89	98.5	1807	20.1	2.7	98	2.26	26.6	4.2	9.9	.9	127.9	3.90	14.29	.27	603	.29	.280	9.6	51.9	.19	799.8	.023	4	1.09	.007	.10	.4	1.41	268	27.2	.74	7.4	.15
RE L2100E 3850N	4.82	43.52	10.50	62.7	1279	19.3	2.5	63	1.89	10.4	6.4	2.4	.1	50.3	8.50	3.31	.29	139	.19	.379	10.0	25.9	.10	773.0	.021	1	1.26	.006	.04	.2	.31	122	9.1	.23	6.0	.08
L2100E 3850N	4.62	43.89	10.55	63.4	1255	19.6	2.4	61	1.91	10.0	6.3	1.1	.1	48.6	7.99	3.25	.29	143	.19	.380	9.8	26.0	.10	771.6	.022	1	1.25	.006	.04	.2	.30	120	9.0	.22	6.0	.07
L2100E 3825N	8.32	113.62	24.13	1608.3	2694	258.5	42.0	706	4.88	29.1	3.8	6.5	1.6	123.3	5.34	14.17	.39	163	.27	.257	5.6	45.1	.11	906.6	.004	2	.77	.005	.08	<.2	.47	291	9.3	.34	2.3	.06
L2100E 3800N	4.73	115.73	22.00	766.6	168	115.0	30.1	813	5.83	6.7	4.4	6.2	3.1	41.2	4.71	2.23	.44	63	.11	.165	6.0	17.6	.07	960.2	.008	2	3.04	.005	.20	<.2	.28	145	1.7	.11	4.0	.24
L2100E 3775N	28.68	98.58	19.08	160.3	2283	23.2	1.7	24	3.93	36.1	6.0	6.3	1.7	73.5	1.70	13.85	.25	182	.02	.124	3.5	23.9	.04	241.0	.003	3	.86	.010	.50	<.2	2.38	477	32.2	.13	1.9	.93
L2100E 3750N	3.18	106.22	20.54	1642.9	495	195.4	67.6	2206	4.53	10.3	.9	10.1	3.1	24.5	21.72	3.64	.25	53	.10	.091	4.6	11.4	.10	1196.1	.007	2	.63	.003	.12	<.2	.42	475	2.4	.07	1.1	.03
L2100E 3725N	61.32	444.86	16.93	118.0	12036	35.3	1.0	34	1.79	51.3	38.8	8.4	2.5	741.7	25.69	24.21	.19	2156	1.92	1.315	13.6	168.5	.15	2146.8	.011	20	1.65	.009	.36	.4	3.48	3153	155.1	.77	8.7	.24
L2100E 3700N	48.79	291.36	15.36	159.2	6477	68.8	2.7	95	2.16	45.2	33.4	11.5	4.1	206.1	9.97	25.87	.23	1533	.63	.498	10.6	148.9	.22	1916.4	.022	11	1.45	.009	.25	.4	4.65	846	105.1	.64	8.0	.30
L2100E 3675N	34.30	288.62	12.13	109.3	8130	61.3	3.6	116	1.84	24.3	20.4	9.2	3.6	239.6	8.97	17.10	.17	970	1.07	.586	14.0	173.1	.26	2330.8	.028	5	1.25	.010	.15	.4	2.12	1285	47.6	.52	7.6	.20
L2100E 3650N	15.22	141.72	9.90	168.9	3996	71.8	6.2	227	2.17	20.4	12.6	7.0	3.8	214.3	9.99	14.26	.17	568	.94	.399	12.7	104.3	.40	2754.1	.040	3	1.36	.011	.11	.3	.92	644	16.0	.28	6.2	.12
L2100E 3625N	8.88	73.53	10.57	291.9	1335	54.2	12.7	508	3.00	27.9	7.3	9.4	3.0	60.5	3.47	8.78	.24	507	.33	.168	12.5	74.6	.60	1758.2	.055	1	2.18	.011	.09	.3	.65	576	8.8	.14	6.9	.06
L2100E 3600N	19.34	208.19	10.65	306.9	1432	68.4	4.5	143	3.54	79.8	25.6	9.7	3.2	275.8	9.39	55.62	.21	1310	.73	.820	12.1	119.4	.28	1571.1	.022	4	1.79	.008	.14	.5	.88	300	58.2	1.32	7.7	.20
L2100E 3550N	8.48	39.96	12.59	70.8	1512	17.3	2.5	49	1.54	9.9	3.3	4.5	.1	72.8	1.16	5.83	.21	218	.12	.109	8.0	30.5	.13	831.0	.011	4	.83	.005	.13	<.2	.80	333	5.2	.10	5.1	.13
L2100E 3525N	8.99	87.66	13.07	653.0	824	133.6	10.4	607	3.40	33.5	3.2	4.1	.2	74.4	11.30	14.97	.27	324	.30	.177	9.0	46.0	.29	1809.6	.017	1	1.31	.007	.08	<.2	.62	150	8.4	.14	5.9	.09
L2100E 3500N	3.24	62.82	15.65	235.3	2572	125.0	19.0	1358	3.48	15.2	2.4	13.8	5.6	82.4	1.09	3.59	.29	162	.32	.147	12.7	57.1	.43	933.4	.034	2	2.19	.010	.08	.2	.61	267	4.3	.16	4.4	.04
L2100E 3475N	2.45	67.18	13.05	153.8	226	47.1	17.0	358	3.97	13.8	.8	4.3	2.9	60.2	.37	4.92	.27	49	.08	.066	5.4	20.5	.25	870.4	.012	<1	1.68	.009	.15	<.2	.16	72	3.8	.08	3.5	.23
L2100E 3450N	16.60	187.14	14.00	506.9	1812	202.9	26.3	349	7.29	53.0	11.6	6.9	2.7	178.5	7.71	16.27	.15	702	.14	.409	6.4	74.3	.10	180.1	.014	4	4.09	.019	.67	<.2	.78	563	18.9	.15	3.3	1.36
L2100E 3425N	5.08	56.87	8.47	76.5	1715	29.3	6.5	270	2.08	16.5	5.3	4.8	.1	48.4	2.08	5.96	.20	252	.24	.185	11.0	43.2	.37	625.7	.020	1	1.46	.008	.06	.2	.50	336	8.3	.10	5.4	.03
L2100E 3400N	10.83	181.29	11.17	162.8	5114	63.9	8.0	302	2.41	31.0	16.4	8.3	2.4	169.5	6.24	11.48	.20	541	.66	.500	12.5	115.1	.37	2240.1	.032	3	1.65	.008	.10	.3	1.03	667	42.6	.29	6.2	.16
L2150E 3750N	24.70	163.12	17.80	102.2	8433	28.7	1.1	42	2.40	42.6	25.9	6.8	.4	323.4	10.70	22.59	.31	819	1.12	1.081	12.6	139.4	.13	1625.8	.016	9	1.33	.009	.24	.3	1.45	764	111.9	.56	7.3	.31
L2150E 3725N	89.43	251.33	21.45	86.7	10614	45.0	.5	8	2.03	60.1	46.9	11.5	1.4	206.6	14.60	45.90	.29	2346	.22	.389	10.2	193.8	.10	806.9	.015	15	1.41	.008	.36	.6	11.01	925	272.0	.89	12.7	.58
L2150E 3700N	32.83	312.46	12.13	258.1	1790	46.9	1.2	41	2.62	66.4	27.8	22.4	3.0	303.4	39.17	24.31	.22	845	1.15	1.372	8.4	82.3	.11	3842.0	.003	6	1.83	.005	.16	.3	1.06	631	55.5	1.63	4.7	.15
STANDARD DS2	13.44	127.36	30.00	162.0	214	37.6	12.7	800	3.10	62.3	20.3	188.7	3.4	28.9	11.23	9.64	10.85	81	.55	.080	13.5	164.6	.61	139.7	.115	2	1.76	.035	.16	7.4	2.08	245	2.5	1.77	5.8	.03

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data A FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
L2150E 3675N	43.86	327.50	12.74	72.6	7892	37.8	2.5	54	1.53	20.2	32.9	5.2	2.3	306.0	10.71	16.62	.22	1483	.67	.590	13.5	186.8	.16	3528.2	.016	10	1.54	.007	.18	.4	2.03	756	80.4	.49	9.1	.21
L2150E 3650N	45.93	116.56	12.14	314.3	2971	45.1	10.0	644	2.39	37.4	22.0	4.6	1.4	199.6	9.29	26.08	.24	1298	.44	.543	12.0	119.9	.28	1538.2	.032	10	1.77	.009	.19	.4	3.17	102	48.4	.57	9.2	.24
L2150E 3625N	103.88	339.33	13.04	652.8	7549	120.4	4.6	231	2.75	68.9	41.0	5.3	1.9	386.2	16.64	47.05	.19	2269	1.07	.717	11.7	232.4	.15	921.8	.014	14	1.79	.010	.27	.5	4.02	259	80.4	.57	9.2	.39
L2200E 3975N	7.04	92.06	8.47	556.5	5032	91.4	11.7	434	2.09	18.7	5.4	4.9	2.4	153.6	11.53	9.80	.16	387	1.37	.319	11.0	98.0	.34	1197.3	.024	7	1.01	.013	.14	10.0	.39	381	20.6	.14	3.6	.18
L2200E 3950N	8.81	82.55	9.50	478.6	5208	82.7	11.7	287	2.35	21.3	4.0	3.1	3.9	147.5	11.60	12.72	.17	372	1.57	.272	12.4	97.0	.71	1139.6	.053	4	1.17	.022	.13	9.0	.37	223	15.6	.16	4.2	.10
L2200E 3925N	10.05	110.10	9.02	526.2	6742	84.2	10.1	280	2.03	22.8	6.0	4.6	1.8	137.0	17.19	14.95	.17	456	1.03	.298	12.6	102.0	.39	1291.6	.033	6	1.16	.016	.11	12.1	.53	303	19.0	.21	4.3	.11
L2200E 3900N	14.79	114.57	9.09	390.6	6366	74.6	7.5	214	1.95	23.1	8.8	4.5	2.0	156.0	14.71	14.90	.17	583	1.15	.404	8.2	97.8	.25	1163.7	.015	10	1.01	.010	.18	7.2	.58	345	32.5	.36	4.3	.21
L2200E 3850N	22.01	204.75	8.96	636.8	11761	92.1	7.5	150	1.48	17.4	6.6	3.7	1.8	321.2	23.56	18.54	.29	656	1.66	.547	6.5	196.7	.33	985.7	.006	16	1.09	.009	.23	19.6	.63	479	36.5	.56	5.2	.27
L2200E 3825N	4.27	121.96	13.38	706.1	4953	125.2	31.7	496	4.17	11.6	3.5	6.9	3.1	131.1	12.16	3.36	.25	98	.42	.111	6.7	36.5	.25	512.7	.009	6	1.31	.010	.27	1.3	.34	301	8.4	.10	2.4	.48
L2200E 3800N	5.60	92.88	9.59	248.2	22026	75.0	8.7	146	1.54	16.2	6.8	5.3	.2	128.0	20.32	7.75	.17	430	.78	.271	8.6	82.7	.25	1130.6	.016	6	.86	.007	.09	27.0	.37	473	20.0	.17	3.4	.11
L2250E 3750N	12.03	233.32	29.83	858.2	14327	164.6	5.9	209	8.37	91.2	6.4	21.4	2.8	322.2	22.41	17.42	.49	873	.23	.304	4.9	119.4	.07	306.4	.010	4	.75	.020	.85	.6	2.17	2214	262.4	1.34	6.4	2.30
L2250E 3725N	84.49	396.11	23.80	117.8	7910	37.5	.6	12	1.90	74.3	45.1	10.5	2.3	251.7	35.23	43.25	.24	3258	.70	.828	14.4	267.2	.14	1723.6	.018	20	1.58	.006	.26	.7	4.98	1463	144.0	.63	12.7	.23
L2250E 3700N	103.65	341.77	14.63	117.2	13397	42.7	.5	7	3.00	73.7	48.2	19.1	2.1	381.8	18.47	32.69	.24	2347	.57	1.315	12.5	241.5	.10	631.0	.016	10	1.39	.010	.41	.5	9.00	2085	118.7	.68	15.9	.40
L2250E 3675N	44.89	323.69	17.01	97.6	11753	45.0	.4	9	1.70	39.8	53.1	6.6	4.0	457.3	18.34	25.06	.39	2264	2.60	1.680	22.9	354.1	.15	1001.8	.023	20	1.44	.012	.33	.4	4.85	1233	98.7	.64	9.8	.31
RE L2300E 3600N	35.91	230.66	8.07	765.6	6841	100.2	2.3	51	1.11	53.9	19.1	3.5	2.3	345.1	21.06	33.35	.15	1726	1.56	.569	8.1	222.5	.18	1089.9	.014	22	.80	.007	.21	4.9	1.43	635	39.8	.31	6.4	.17
L2250E 3625N	38.54	619.27	10.67	910.8	15383	286.0	2.2	47	2.40	102.9	46.4	5.0	4.1	685.2	55.46	51.95	.18	1786	3.02	1.758	19.0	334.0	.21	3357.2	.010	15	1.60	.011	.18	.5	.86	1337	101.3	2.11	8.2	.21
L2300E 3600N	35.18	225.66	7.85	753.0	6508	98.6	2.2	52	1.09	51.3	18.9	3.9	2.3	342.6	20.71	32.44	.12	1697	1.53	.555	8.0	214.0	.18	1075.7	.014	21	.78	.007	.20	4.8	1.54	622	38.5	.28	6.3	.16
L2300E 3575N	2.45	48.12	9.83	140.3	262	36.3	11.5	408	2.19	4.8	.7	3.6	.9	68.6	1.35	1.50	.26	43	.59	.053	4.6	18.7	.22	1176.8	.012	5	.61	.004	.16	.3	.18	146	1.4	.06	2.9	.10
L2400E 3850N	4.02	78.58	7.94	694.4	3289	75.2	9.9	234	2.04	14.4	3.8	4.4	1.3	141.5	18.84	5.69	.14	231	.90	.215	5.9	40.6	.15	1525.1	.007	8	.85	.005	.12	5.2	.37	379	17.3	.13	2.5	.17
L2400E 3825N	12.02	150.92	10.97	1049.5	5101	98.9	11.9	286	2.91	21.2	5.7	6.4	2.5	274.3	13.47	9.90	.19	301	.81	.425	9.0	107.8	.15	1080.7	.010	13	1.17	.010	.31	8.1	.72	514	15.6	.20	4.3	.42
L2400E 3775N	12.06	119.21	11.22	1666.2	4321	128.0	12.1	352	3.54	26.1	5.8	9.7	2.1	169.1	33.10	14.03	.20	460	.47	.200	7.6	46.8	.16	1068.5	.008	7	1.00	.007	.17	3.7	.65	587	24.1	.14	3.2	.23
L2400E 3750N	5.35	91.48	14.77	526.4	6308	75.9	13.7	298	3.53	13.4	3.5	13.5	2.4	138.7	7.71	5.09	.27	172	.67	.136	6.4	129.8	.23	518.9	.016	5	1.08	.012	.24	15.1	.49	382	10.5	.14	3.0	.48
L2400E 3725N	5.69	94.60	10.38	1206.3	2647	132.2	31.4	793	5.35	11.8	4.4	2.8	3.5	172.5	13.00	5.29	.21	212	1.00	.167	12.6	76.3	.49	337.2	.017	7	1.30	.016	.44	1.9	.33	262	19.3	.11	3.1	.73
L2400E 3625N	11.46	168.96	8.22	567.9	10385	133.8	6.5	150	1.28	23.3	16.1	3.7	1.1	245.2	15.62	16.21	.16	852	1.39	.458	9.4	162.9	.23	2360.9	.016	14	.96	.007	.18	10.6	.83	638	18.4	.25	5.0	.13
L2400E 3600N	8.39	155.98	14.05	644.6	8917	90.1	6.9	136	2.20	18.7	10.8	11.5	1.3	295.7	15.97	9.80	.25	336	.89	.464	10.6	99.2	.12	1830.5	.011	10	1.10	.006	.17	.2	.88	961	21.9	.25	4.7	.18
L2400E 3575N	5.52	54.50	16.91	253.3	946	36.3	5.5	114	2.30	11.8	2.5	4.6	.2	70.2	4.00	4.36	.28	132	.11	.117	8.0	23.5	.11	921.6	.016	3	.95	.005	.17	<.2	.30	152	6.4	.10	4.1	.21
L2650E 3725N	42.29	231.98	12.01	601.6	9326	97.8	4.0	80	2.38	66.5	19.0	7.6	2.0	258.6	18.48	36.01	.19	990	.86	.767	31.7	260.5	.12	1652.3	.015	7	1.56	.006	.12	.3	1.99	1114	52.0	.55	8.9	.09
L2650E 3700N	15.39	215.98	10.43	104.3	6408	45.8	7.4	166	2.17	39.9	23.5	5.8	3.8	178.6	11.29	12.78	.18	573	.74	.825	35.1	178.6	.22	1869.5	.022	6	1.54	.008	.11	.3	.80	1094	62.3	.39	5.8	.12
L2750E 3900N	171.16	137.58	28.33	120.8	5738	44.5	3.6	47	2.94	86.4	18.2	9.4	2.8	202.0	9.01	40.42	.39	1180	.23	.715	6.4	64.9	.11	650.1	.005	15	1.38	.012	.36	.5	6.00	2479	103.6	2.92	7.6	.56
L2750E 3875N	27.95	333.52	29.39	3386.2	9055	494.2	52.4	360	4.31	55.5	11.3	5.2	4.8	292.7	17.02	27.03	.40	844	2.76	.584	22.8	165.2	.59	1455.3	.008	21	1.09	.008	.27	<.2	.41	1542	42.7	.58	4.4	.07
L2750E 3850N	49.49	521.20	13.76	3987.6	17241	273.7	4.7	102	1.48	60.6	31.8	10.2	1.7	413.0	48.81	50.37	.20	1576	1.67	.671	13.3	243.7	.20	2678.2	.009	21	1.67	.008	.24	.2	2.02	1544	41.5	.40	8.1	.20
L2750E 3825N	36.34	346.75	13.60	433.1	12998	84.8	1.4	28	2.47	50.9	23.0	14.4	1.9	369.1	63.99	25.93	.23	1213	1.44	1.316	13.4	179.3	.13	954.9	.010	18	1.82	.011	.28	.3	2.20	2042	141.0	.70	7.5	.30
L2750E 3800N	21.26	240.26	10.88	133.6	11826	38.5	1.2	21	2.27	26.7	23.6	17.3	.8	233.1	22.05	16.34	.24	733	.95	.991	12.3	175.2	.13	2586.6	.014	12	1.66	.012	.19	.3	1.76	1367	51.3	.47	7.4	.30
L2750E 3775N	39.62	203.39	17.32	112.1	8152	28.9	3.0	35	3.59	32.6	24.9	8.4	3.4	262.0	12.22	22.87	.28	1080	.53	.939	11.0	139.4	.14	459.1	.012	10	1.97	.010	.37	.2	3.37	895	73.9	.54	9.7	.53
STANDARD DS2	14.89	129.59	31.89	163.6	264	37.8	13.1	811	3.13	63.2	21.5	195.1	3.7	30.6	11.99	10.52	11.63	78	.55	.081	14.4	161.5	.60	137.3	.115	3	1.72	.036	.16	7.9	2.15	254	2.9	1.91	6.3	.03

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data ✓ FA ____

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
L2750E 3750N	4.93	82.20	16.70	58.8	4690	16.0	1.6	19	1.15	6.9	5.1	28.7	2.0	197.6	90	3.83	.29	170	.08	.166	8.6	80.3	.06	1026.7	.004	5	1.01	.003	.13	<.2	1.25	788	9.9	.26	3.2	.15
L2750E 3725N	3.93	21.18	14.61	21.9	2945	4.1	.7	12	.99	5.0	1.2	22.3	2.5	60.6	.15	1.50	.33	37	.01	.118	4.2	17.8	.04	540.4	.004	3	.54	.003	.13	<.2	.61	246	9.9	.13	1.5	.19
L2750E 3700N	5.01	23.80	15.87	24.6	2805	8.1	1.9	32	1.38	11.3	1.0	12.8	3.1	129.4	.27	3.14	.37	49	.05	.087	7.5	14.9	.10	724.2	.010	4	.64	.005	.13	<.2	.55	122	3.9	.19	1.7	.18
L2750E 3675N	4.58	24.31	14.34	18.7	389	5.6	1.9	44	1.61	9.0	1.1	28.7	2.2	35.3	.57	6.40	.30	108	.06	.053	4.2	15.9	.07	590.4	.007	4	.47	.004	.13	<.2	.21	240	41.9	.24	3.5	.11
L2850E 3850N	8.12	97.26	13.28	625.8	3906	117.6	18.1	521	2.61	25.9	5.5	9.2	3.4	145.8	6.87	14.81	.34	443	.89	.320	9.9	81.7	29	1263.7	.019	11	1.07	.007	.20	.2	.79	459	15.3	.23	4.4	.16
L2850E 3800N	25.29	180.42	13.64	45.3	5651	23.8	.4	17	1.16	16.5	21.0	5.6	.8	351.4	8.23	20.60	.23	757	.12	.506	10.8	105.1	.08	5691.1	.004	14	1.15	.006	18	.2	1.60	1317	60.2	.98	5.5	.19
L2850E 3775N	4.89	98.65	16.21	213.7	744	26.3	4.2	50	3.62	12.6	1.3	16.8	.9	82.2	2.77	5.30	.30	111	.07	.092	6.3	26.7	.07	395.6	.022	3	.54	.006	.16	<.2	.24	233	4.6	.20	3.7	.21
L2850E 3750N	6.06	93.89	13.61	144.3	4793	28.8	23.3	618	1.69	13.7	7.9	6.6	.2	112.2	20.58	6.22	.26	254	.33	.429	10.1	50.7	.10	1225.2	.020	3	1.28	.008	.12	<.2	.80	404	21.8	.17	5.7	.17
L2850E 3725N	8.30	219.70	5.39	153.9	2393	37.1	1.2	16	.93	27.4	15.5	4.0	2.6	271.3	6.40	13.75	.08	681	.70	.461	23.8	149.7	.08	680.6	.006	10	1.10	.004	14	<.2	.76	304	9.2	.29	3.4	.06
L2850E 3700N	20.06	88.49	14.86	736.8	1542	110.7	21.0	238	4.51	35.3	4.8	2.6	3.2	116.5	3.84	9.92	.19	183	.09	.107	6.8	27.7	.08	1253.9	.006	5	1.06	.008	.27	<.2	.87	293	6.4	.10	2.8	.34
L2900E 4000N	37.52	175.14	17.66	751.4	1443	124.0	15.3	214	3.94	29.7	6.8	6.0	3.3	99.1	12.00	11.25	.32	243	.07	.204	7.7	33.4	.08	2209.4	.003	4	1.34	.003	.17	<.2	.38	429	25.2	.21	3.7	.07
L2900E 3975N	50.63	268.47	16.87	97.9	7584	42.3	1.4	32	2.40	35.6	38.6	7.3	2.2	563.6	14.61	19.25	.41	1362	.48	1.077	13.6	225.0	.12	6332.2	.018	11	2.03	.007	.18	.5	2.55	1167	52.2	.70	9.6	.18
L2900E 3950N	3.96	117.46	12.82	108.2	6233	29.9	1.3	18	1.43	5.6	8.2	8.1	.2	61.2	4.19	5.11	.24	197	.20	.242	7.2	68.6	.06	1253.7	.007	5	.64	.004	.10	<.2	.65	1164	15.8	.17	4.5	.13
L2900E 3925N	30.03	178.04	17.52	317.4	5346	108.0	3.3	25	2.25	18.1	10.7	2.2	1.1	158.7	3.93	15.19	.25	388	.19	.242	12.5	122.0	.07	2913.6	.008	13	.75	.007	.27	<.2	1.00	609	33.4	.42	4.6	.37
L2900E 3900N	27.55	158.17	14.56	328.8	6185	80.2	3.8	21	2.20	22.9	8.6	3.8	1.1	150.4	5.54	25.24	.37	670	.49	.195	8.8	101.0	.23	1536.3	.006	12	.72	.008	.27	.2	1.33	528	32.9	.35	4.8	.47
RE L2850E 3700N	20.92	91.05	15.12	752.8	1591	113.8	22.3	243	4.58	37.8	5.1	3.5	3.2	120.8	4.09	10.49	.25	176	.09	.108	7.0	27.6	.07	1179.7	.005	4	1.02	.008	.24	<.2	.92	300	6.8	.10	2.5	.34
L2900E 3850N	18.47	110.95	11.01	1805.5	4642	128.2	18.2	351	4.14	24.8	9.5	7.4	1.9	314.1	32.36	16.81	.23	645	.92	.516	8.1	102.1	.18	427.0	.006	8	1.99	.011	.32	<.2	1.47	566	82.7	.44	6.0	.67
L2900E 3825N	41.41	191.81	13.58	162.4	8998	37.1	.8	17	2.21	37.7	17.5	16.9	.9	233.5	20.38	20.08	.26	891	.87	.868	9.7	132.0	.12	1570.8	.008	14	1.49	.009	.23	.3	2.10	1885	83.4	1.13	7.4	.35
L2900E 3800N	13.94	155.20	10.36	73.9	8062	34.0	4.5	117	2.45	36.9	16.4	6.4	4.2	428.6	5.87	10.82	.19	580	.40	.638	21.1	156.0	.27	3936.6	.026	6	1.82	.007	.14	.3	1.13	600	12.7	.33	7.1	.11
L2900E 3775N	7.76	60.61	12.46	224.7	3096	37.9	5.9	68	3.08	13.3	3.6	5.8	.2	109.5	1.45	5.48	.19	154	.16	.279	7.7	29.8	.08	997.7	.007	5	.79	.006	.21	<.2	1.02	448	11.0	.10	3.8	.35
L2900E 3750N	10.76	57.83	13.77	290.4	1939	50.4	7.7	54	3.27	17.2	2.9	4.3	.4	97.3	2.79	6.43	.19	182	.11	.166	7.5	32.6	.06	783.5	.007	6	.82	.008	.34	<.2	1.04	490	16.2	.10	3.8	.61
L2900E 3725N	23.48	176.80	17.51	678.6	5663	123.4	9.8	154	4.00	38.5	12.2	15.3	3.2	221.1	8.81	23.86	.26	596	.63	.555	10.6	59.0	.15	845.0	.015	9	1.74	.012	.36	<.2	1.33	782	20.9	.26	4.8	.50
L2900E 3700N	10.54	49.42	14.46	457.0	1512	66.7	11.1	160	3.78	21.5	1.4	3.9	.3	89.0	2.19	7.12	.25	146	.10	.152	8.7	32.1	.15	936.2	.016	3	1.27	.005	.16	<.2	1.00	115	7.5	.10	5.2	.15
L2900E 3675N	2.01	33.62	14.23	418.3	230	30.5	6.8	377	3.31	8.5	.5	2.2	.6	53.7	2.01	2.16	.32	59	.06	.116	5.6	22.1	.23	632.3	.018	2	1.67	.007	.23	<.2	.20	16	6.9	.08	5.6	.34
L2900E 3650N	4.67	114.21	21.37	408.0	1956	46.9	7.9	248	3.84	11.6	1.8	14.9	.6	134.5	3.02	4.00	.36	102	.23	.265	5.5	25.2	.13	1110.9	.015	3	1.39	.008	.17	<.2	.34	213	24.5	.23	5.2	.27
L2900E 3625N	10.56	48.95	18.89	391.3	1849	37.9	7.5	460	4.14	23.5	1.1	6.4	2.2	149.4	1.71	4.76	.31	163	.10	.098	5.4	53.7	.31	696.9	.024	5	2.03	.010	.30	<.2	1.36	163	9.2	.13	6.6	.51
L2900E 3600N	37.87	277.05	16.72	838.1	5446	111.4	4.2	32	2.67	44.9	18.9	6.2	2.5	312.4	10.49	28.11	.28	1111	.19	.341	9.1	117.4	.11	4659.6	.005	9	1.38	.006	.25	.2	2.08	468	42.3	.34	6.1	.24
L2900E 3575N	5.05	119.84	24.05	548.9	732	57.2	13.2	442	6.01	9.5	1.9	7.0	2.2	144.1	.86	3.09	.41	66	.05	.147	3.0	25.6	.08	307.5	.008	6	1.57	.013	.56	<.2	.92	185	7.8	.13	4.4	.94
L2900E 3550N	3.04	119.24	29.87	632.7	236	77.8	25.5	745	6.38	12.5	3.1	16.2	5.5	102.0	1.85	2.35	.48	59	.05	.106	7.7	31.6	.17	536.2	.017	3	2.32	.012	.38	<.2	.42	99	3.7	.13	4.0	.63
L2900E 3525N	15.77	84.29	16.66	1181.2	3067	90.8	8.2	181	3.13	32.0	7.7	9.6	1.5	176.4	5.68	11.38	.28	917	.19	.236	6.0	77.2	.14	1234.4	.008	6	1.68	.006	.24	<.2	1.75	169	38.1	.28	6.0	.25
L2900E 3500N	28.99	154.86	12.20	510.9	6040	103.5	12.2	396	3.12	39.1	17.3	5.5	3.5	345.3	33.36	24.92	.20	1210	.72	.543	11.1	102.8	.21	2497.5	.019	8	1.83	.007	.23	.3	2.31	266	45.0	.47	6.9	.21
L2900E 3475N	16.32	60.17	8.96	93.9	1998	35.2	9.0	321	2.80	30.1	7.2	7.2	2.1	118.6	2.64	19.08	.21	589	.40	.414	12.0	60.9	.41	1677.5	.046	3	2.08	.009	.11	.4	1.18	161	16.6	.27	6.8	.08
L2900E 3450N	13.25	36.01	11.96	61.4	2111	19.1	5.6	201	2.99	26.8	5.5	5.1	3.9	65.8	1.61	9.74	.24	413	.17	.461	11.1	44.4	.36	906.5	.049	2	2.24	.007	.08	.4	.75	164	11.2	.18	7.2	.05
L2900E 3425N	42.61	71.31	15.63	238.6	3920	62.0	7.6	207	3.31	42.4	12.2	10.3	3.5	144.7	4.68	26.63	.27	567	.26	.519	12.5	55.4	.35	1505.2	.034	4	2.21	.008	.16	.6	1.80	294	36.2	.55	7.5	.26
STANDARD DS2	14.20	128.74	29.72	163.4	266	38.0	12.7	804	3.15	62.0	21.5	193.1	3.7	30.7	11.83	10.79	11.13	82	.55	.081	14.6	166.0	.62	135.6	.116	2	1.77	.036	.16	8.0	2.10	249	2.5	1.99	6.1	.02

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data ✓ FA ____

ACME ANALYTICAL

International Kodiak Resources Inc. PROJECT AREA 3.1 FILE # 9902447 Page 7

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
L2900E 3400N	90.08	221.23	18.77	234.6	7374	79.1	2.0	62	2.90	49.3	40.1	9.7	1.2	375.9	22.39	59.78	.33	1031	.89	.939	17.4	119.9	.11	2083.6	.012	6	1.84	.012	.19	.7	3.57	633	40.2	.90	8.7	.47
L3000E 4000N	13.00	74.67	105.69	484.6	957	85.6	11.8	457	3.98	31.8	3.7	2.9	5.9	185.3	3.92	5.99	1.59	142	.28	.201	13.6	20.0	.08	386.9	.005	6	.65	.010	.51	< .2	.43	569	17.8	1.03	3.3	1.02
L3000E 3950N	14.62	156.57	10.55	39.4	5936	39.7	1.0	12	1.35	18.8	31.4	9.2	1.1	127.8	4.89	10.88	.22	574	.49	.623	9.7	144.6	.07	1448.8	.007	3	1.16	.004	.07	.2	.79	1994	15.1	.52	4.7	.14
L3000E 3925N	6.43	23.28	19.30	68.6	442	7.7	1.0	22	2.39	11.8	.3	6.3	.2	29.7	.09	3.43	.31	64	.04	.046	2.3	15.8	.04	295.1	.013	3	.30	.004	.16	< .2	.35	137	20.0	.15	3.3	.38
L3000E 3900N	36.86	283.51	12.17	3400.1	10183	292.9	9.8	250	2.16	49.0	17.8	3.1	2.8	294.0	26.44	26.88	.26	730	6.38	.868	19.4	221.0	3.01	1396.4	.011	22	1.11	.013	.28	.3	.42	1545	99.2	.31	5.4	.09
L3000E 3875N	13.15	106.68	10.62	141.6	6416	57.5	10.6	392	1.89	23.3	14.7	8.2	1.7	135.3	37.52	14.88	.26	434	.66	.970	13.7	96.1	.17	2758.5	.036	2	2.18	.007	.07	.3	1.04	796	24.7	.28	7.9	.08
L3000E 3850N	39.99	268.09	13.40	85.5	8368	36.2	1.0	19	1.91	28.1	23.4	15.8	.8	336.6	18.76	23.12	.26	1122	1.04	1.040	12.3	139.7	.10	2104.7	.011	9	1.57	.007	.19	.3	7.18	1327	82.8	.76	8.9	.29
L3000E 3800N	6.60	230.95	19.98	457.9	2006	85.2	22.7	512	6.05	11.8	1.9	29.6	3.1	221.6	1.43	3.80	.38	96	.16	199	6.5	26.0	.07	680.7	.005	4	1.11	.008	.42	< .2	.64	397	5.4	.22	3.5	.59
L3000E 3750N	2.24	28.62	16.54	120.0	306	16.8	4.8	23	7.35	7.3	.3	2.1	3.2	128.1	.27	1.12	.53	51	.03	.145	4.6	13.0	.02	113.4	.007	2	.39	.031	1.10	< .2	.54	48	5.4	.12	3.5	2.34
L3000E 3725N	14.40	139.07	20.83	1230.4	2615	227.7	18.8	190	5.41	42.0	6.9	14.7	3.0	306.5	6.01	17.35	.44	419	1.26	.804	9.3	86.7	.11	1937.7	.007	8	1.77	.009	.29	.2	1.39	345	24.5	.33	5.4	.37
L3000E 3700N	14.25	66.53	11.80	344.2	4066	37.5	7.4	217	3.03	25.0	3.7	3.6	2.7	91.6	5.63	9.30	.28	545	.30	.338	10.2	71.3	.43	1117.9	.033	3	2.31	.008	.12	.3	1.28	103	14.3	.25	7.8	.11
L3000E 3675N	6.50	66.90	9.90	198.7	3015	49.5	8.7	203	2.88	24.2	3.0	4.3	2.6	118.6	4.30	8.92	.24	223	.43	.321	9.9	63.1	.40	1058.5	.031	2	1.97	.008	.11	.3	.54	74	13.1	.20	6.6	.11
L3000E 3650N	9.19	131.13	9.44	216.0	3697	54.3	6.5	168	2.62	27.4	10.3	7.6	3.0	317.6	11.40	12.80	.42	378	.95	.727	10.9	82.1	.25	2225.8	.025	4	1.60	.010	.15	.4	.72	214	20.5	.28	5.6	.17
RE L3000E 3650N	9.58	128.19	9.74	219.6	3952	53.6	7.0	177	2.76	30.0	10.9	9.5	3.1	332.1	11.84	13.88	.28	385	.99	.755	12.3	83.8	.27	2516.4	.036	6	1.78	.012	.17	.4	.80	244	22.5	.27	6.1	.18
L3000E 3625N	5.05	76.17	7.21	99.8	1618	41.1	7.1	171	2.39	20.3	2.8	10.7	3.6	58.9	3.35	6.61	.17	292	.40	.231	9.0	42.7	.43	732.0	.033	3	1.42	.007	.09	.2	.49	330	10.5	.10	4.7	.07
L3000E 3450N	11.53	149.24	16.33	1651.7	1821	175.3	9.4	104	5.22	71.5	8.7	10.0	2.0	129.8	27.53	25.82	.32	1030	.23	.648	5.8	36.7	.10	1334.3	.007	3	1.22	.006	.17	.2	.88	202	36.2	.32	2.9	.21
L3000E 3425N	10.57	177.88	18.43	1671.9	933	180.5	12.9	250	5.65	91.1	7.4	7.8	1.7	115.3	41.21	30.09	.38	1056	.14	.634	6.3	35.8	.06	1595.7	.006	3	1.06	.007	.15	< .2	.79	188	62.0	.41	2.3	.20
L3100E 3875N	13.62	285.92	18.46	554.2	6915	89.7	2.4	54	1.79	22.1	18.7	6.0	.2	148.3	23.97	16.05	.32	469	.52	.384	8.5	80.1	.08	2917.0	.007	4	.81	.006	.09	.2	1.47	1653	54.4	.40	4.9	.15
L3100E 3850N	33.04	226.99	28.42	1407.7	3494	242.4	40.9	965	4.95	63.0	10.5	7.6	3.9	225.6	9.01	26.72	.56	509	1.53	1.167	10.6	181.5	.10	3663.9	.011	9	1.54	.005	.17	.5	1.12	311	106.7	.53	6.8	.05
L3100E 3825N	15.38	50.71	7.82	83.5	2604	23.4	5.4	167	2.54	32.8	5.9	7.8	.6	60.4	4.35	14.68	.19	587	.31	.404	9.0	58.0	.35	442.7	.030	2	1.62	.008	.07	.3	1.06	407	13.6	.21	6.3	.09
L3100E 3800N	28.39	94.18	9.85	63.7	1501	23.6	3.9	102	3.30	44.2	14.0	13.5	4.2	177.3	9.32	20.18	.23	681	.73	1.003	10.4	53.6	.26	1169.0	.024	3	1.43	.009	.15	.4	1.42	451	67.2	1.14	5.7	.20
L3100E 3775N	28.49	153.16	15.02	82.9	7410	30.7	2.3	46	1.91	42.0	15.8	9.4	3.7	315.8	5.80	20.97	.20	940	.52	.505	15.7	145.5	.11	1465.1	.009	7	1.29	.007	.15	.2	2.65	491	33.0	.49	6.8	.18
L3100E 3725N	3.77	148.29	15.84	274.0	796	47.3	7.5	120	3.76	13.3	1.1	4.5	.5	83.8	2.00	2.76	.35	105	.32	.091	7.1	22.7	.09	744.2	.037	2	.57	.007	.10	< .2	.23	151	4.8	.14	4.7	.14
L3100E 3700N	5.04	185.01	16.69	387.9	759	88.0	13.8	138	6.42	27.7	1.6	15.7	1.5	259.6	1.44	3.32	.30	62	.02	.180	3.3	29.0	.05	581.4	.004	4	.83	.012	.31	< .2	.74	223	5.6	.16	3.0	.51
L3100E 3675N	3.38	90.68	16.82	774.4	437	69.8	11.8	344	5.88	15.0	.8	1.5	3.1	72.7	5.15	5.32	.35	131	.07	.121	6.3	44.6	.16	1024.1	.010	3	1.78	.009	.20	< .2	.35	82	11.9	.16	5.9	.32
L3100E 3650N	2.38	36.48	13.27	450.0	201	59.9	11.1	647	4.39	11.6	.9	1.1	3.1	86.3	7.96	3.06	.32	111	.32	.156	7.0	49.2	.17	1196.8	.009	3	1.86	.009	.18	< .2	.31	76	4.9	.10	4.9	.35
L3100E 3625N	3.51	61.64	16.06	565.1	229	57.4	11.6	382	5.80	15.7	1.0	1.3	4.0	90.7	6.45	5.13	.33	139	.11	.146	8.7	38.1	.26	573.6	.018	3	1.88	.016	.31	< .2	.28	55	10.5	.10	5.3	.63
L3100E 3600N	6.87	72.50	17.47	560.4	282	53.4	8.1	132	6.83	20.6	1.2	4.9	5.0	102.2	4.26	8.62	.38	170	.04	.140	10.4	26.2	.18	323.8	.013	2	1.39	.020	.48	< .2	.42	43	15.0	.11	3.3	.96
L3100E 3575N	2.16	30.85	10.24	188.8	163	38.1	9.3	244	3.33	12.6	.7	1.9	3.4	46.9	2.45	1.93	.22	86	.14	.068	7.6	37.4	.40	1040.7	.019	3	1.98	.008	.14	.2	.18	72	3.3	.07	5.2	.21
L3100E 3550N	2.61	69.52	11.22	457.0	181	66.7	12.7	370	4.90	11.9	.9	7.7	3.6	77.6	3.98	4.01	.31	128	.22	.113	6.3	37.6	.14	1609.6	.007	4	1.46	.011	.18	< .2	.20	104	7.5	.10	3.0	.32
L3100E 3500N	4.74	61.42	10.58	49.2	2393	12.1	1.3	35	.85	7.1	6.0	6.0	.1	85.1	2.37	9.88	.18	308	.18	.136	9.0	47.3	.12	1165.4	.012	3	.80	.007	.06	.2	1.00	617	10.4	.18	5.8	.09
L3100E 3450N	18.21	111.70	11.47	1278.3	1550	139.4	26.0	215	6.18	26.5	4.6	1.6	3.1	181.4	5.37	19.30	.15	363	.29	.358	16.8	29.0	.08	441.4	.007	4	1.22	.012	.36	< .2	1.28	174	36.3	.12	2.8	.67
STANDARD OS2	13.88	129.35	29.37	163.6	261	38.1	12.4	815	3.15	63.1	20.6	191.8	3.5	29.4	11.67	10.00	11.21	82	.56	.081	14.3	166.8	.62	139.9	.117	2	1.76	.035	.16	7.6	2.08	255	2.6	1.94	6.1	.02

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data h FA ____

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99X01001	17.59	312.50	6.48	153.9	9361	48.5	.5	7	1.74	34.2	29.9	5.0	1.3	235.6	37.03	27.94	.14	794	1.59	1.413	10.8	154.8	.08	1546.9	.005	9	1.29	.013	.14	.4	.73	2018	305.8	.30	5.4	.20
99X02030	57.68	399.03	9.17	349.7	10898	87.3	1.1	27	2.00	58.6	34.6	3.9	.6	241.5	37.68	23.67	.18	1054	.60	.484	13.3	269.6	.08	983.2	.014	13	.82	.009	.22	.3	1.29	375	49.1	.46	9.5	.42
99X02031	5.50	150.73	8.37	35.9	3320	20.1	.9	22	1.02	9.7	15.3	3.7	<.1	62.0	5.12	8.21	.18	266	.14	.270	7.5	42.0	.08	887.9	.006	2	.88	.006	.05	<.2	1.03	539	15.4	.14	5.8	.08
99X02032	9.83	162.72	8.98	68.7	4169	36.4	1.3	32	1.07	20.5	13.8	3.7	<.1	72.4	13.00	11.33	.17	397	.19	.244	8.2	44.5	.09	1035.4	.007	2	.92	.006	.05	<.2	1.10	504	19.4	.21	5.4	.08
5 RE 99X02032	9.82	164.19	9.13	68.6	4265	36.2	1.2	32	1.07	20.3	13.7	3.4	<.1	71.3	12.80	11.11	.18	397	.19	.246	8.0	47.6	.09	1051.8	.007	2	.93	.005	.05	<.2	1.07	507	19.7	.24	5.4	.08
STANDARD DS2	12.97	125.87	22.69	160.1	231.3	37.1	12.4	784	3.08	61.5	21.0	195.2	3.3	28.3	11.40	9.69	10.44	80	.54	.079	12.9	161.1	.61	137.9	.118	2	1.74	.036	.16	7.6	2.10	233	2.5	1.75	5.8	.02

Sample type: SOIL

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data ✓ FA ___

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.)
852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 3.1 File # 9902448

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99R01000	13.21	76.59	2.37	32.4	1476	30.5	.5	44	.72	20.2	11.9	1.0	.6	163.2	10.67	14.89	.10	433	1.59	.723	3.1	101.7	.02	653.2	.003	6	.25	.011	.08	15.9	.22	158	26.4	.13	1.2	.16
99R01002	16.41	79.39	4.37	29.4	3164	30.3	.5	40	.81	15.5	5.3	1.0	.7	54.9	7.87	14.81	.09	503	.31	.149	1.8	87.1	.03	552.1	.004	7	.30	.007	.12	13.3	.41	356	42.6	.21	2.2	.21
99R01003	8.30	51.91	1.78	129.5	700	21.2	.7	54	.98	9.9	1.6	.4	.4	27.9	1.80	4.65	.06	96	.09	.069	.6	52.4	.01	453.1	.001	4	.18	.004	.07	16.9	.11	148	24.6	.26	.7	.16
99R01004	21.46	65.19	2.91	293.0	510	25.0	.8	58	1.38	15.0	3.5	2	.6	35.3	5.33	10.22	.05	292	.08	.181	1.2	54.6	.02	472.8	.002	4	.27	.003	.07	15.3	.22	241	47.0	.27	1.2	.09
99R02018	1.61	20.30	15.73	24.0	160	5.6	1.0	28	1.58	1.9	.1	4.1	1.0	34.5	.10	.82	.38	10	.01	.013	1.4	16.6	.05	493.8	.004	10	.59	.008	.48	3.1	.22	151	2.0	.04	2.3	.41
99R02019	5.29	21.30	3.26	18.1	726	11.5	1.2	67	.87	3.4	.2	2.6	.2	50.6	1.15	1.15	.10	33	.04	.022	<.5	45.6	.01	606.7	.001	3	.09	.003	.07	18.7	.05	59	2.2	.06	.5	.14
99R02021	4.49	11.04	4.68	6.2	108	6.6	4	44	.87	4.9	<.1	2.8	.3	12.1	.02	.81	.38	22	.01	.012	<.5	39.9	.01	358.4	.002	5	.19	.003	.11	14.1	.13	133	3.3	.09	1.3	.12
99R02022	26.18	35.96	3.69	101.8	972	29.3	.6	65	.94	18.5	3.5	<.2	.4	24.3	2.89	17.65	.09	873	.05	.014	.5	71.5	.02	235.0	.004	4	.23	.003	.10	20.3	.43	228	30.5	.06	1.3	.16
RE 99R02022	23.39	32.41	3.32	91.1	880	26.3	.5	57	.81	16.1	3.1	<.2	.3	21.7	2.50	15.64	.06	769	.05	.013	<.5	61.6	.02	211.8	.004	5	.20	.003	.09	17.9	.35	200	27.6	.07	1.2	.14
99R02023	12.19	44.14	6.10	132.4	299	26.5	1.2	89	1.42	5.2	2.4	<.2	1.1	55.9	2.10	.80	.11	40	.21	.040	1.2	41.6	.07	587.4	.001	4	.32	.003	.10	15.6	.03	132	2.3	.11	.6	.34
99R02029	15.83	215.72	4.78	1227.3	7516	144.9	3.6	98	.94	28.9	16.1	<.2	1.9	436.6	24.18	9.79	.08	372	3.03	1.312	8.5	245.9	.05	2138.4	.006	9	.50	.009	.16	10.4	.14	557	22.7	.24	4.0	.13
99R04105	9.26	100.16	2.23	25.2	1588	21.8	.5	54	.80	9.3	6.6	4.1	.3	178.9	10.20	4.13	.04	199	1.22	.607	2.9	84.0	.02	1108.6	.003	5	.29	.004	.09	20.3	.10	142	15.4	.10	.9	.09
99R05148	13.55	143.95	2.85	143.1	1058	68.4	.7	46	1.19	22.6	11.7	.6	1.0	163.3	10.93	36.52	.06	384	.60	.368	3.5	69.7	.02	2122.6	.002	5	.54	.003	.09	13.9	.09	133	11.3	.24	1.7	.10
STANDARD DS2	14.37	126.10	27.75	158.4	205	35.0	12.2	793	3.14	63.4	21.0	199.7	3.4	28.4	11.31	8.60	10.65	75	.55	.080	11.3	164.2	.57	136.0	.100	3	1.72	.037	.16	7.5	2.04	247	2.4	1.76	5.7	.01

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: ROCK Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 22 1999 DATE REPORT MAILED: Aug 3/99 SIGNED BY. C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data FA

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 1/#21 File # 9902564

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99R10158	2.08	15.70	21.19	61.6	139	6.0	7.9	373	2.33	25.6	5.2	118.4	24.0	93.8	.26	1.67	1.14	66	.83	.093	33.5	34.7	.65	426.7	.245	2	1.47	.148	.69	3.6	.51	33	.1	.03	6.0	<.01
99R10159	2.11	13.52	14.95	63.9	98	5.3	7.6	395	2.50	8.5	6.2	51.9	29.3	96.8	.22	1.08	.28	65	.80	.079	40.5	33.9	.64	460.5	.276	3	1.53	.154	.76	4.5	.59	98	.1	<.02	6.3	<.01
99R10160	2.28	12.63	13.89	68.5	119	6.1	7.7	446	2.42	7.5	5.5	15.8	32.5	97.6	.25	1.24	.10	65	.90	.076	40.8	32.4	.56	448.2	.279	2	1.48	.138	.78	4.2	.62	193	.1	<.02	5.9	<.01
99R10161	2.39	14.93	19.60	68.0	149	7.9	7.8	460	2.68	5.1	7.3	35.4	31.4	91.4	.23	1.23	.04	63	.69	.080	37.1	34.7	.52	415.1	.244	1	1.39	.145	.67	4.3	.46	34	.1	<.02	5.6	.01
99R10162	2.24	13.88	22.61	61.1	193	5.9	7.2	375	2.25	5.5	5.7	236.9	35.3	75.3	.33	1.99	.10	60	.66	.087	39.6	34.8	.52	369.8	.222	2	1.20	.116	.64	3.8	.44	65	.1	<.02	5.3	.01
99R10163	1.06	4.24	13.37	29.1	88	5.1	5.0	186	1.52	31.4	3.0	3.2	20.7	70.9	.12	2.19	.23	47	.62	.093	29.1	28.8	.54	310.1	.216	2	1.24	.105	.42	3.9	.24	8	<.1	<.02	6.1	.02
99R10164	1.30	5.57	16.14	40.3	81	5.3	6.2	270	2.01	17.0	3.3	.9	23.2	86.8	.21	1.69	.12	59	.62	.096	33.0	34.6	.76	405.9	.245	3	1.41	.116	.63	3.5	.36	8	.1	<.02	6.6	.01
99R10165	.85	7.61	19.89	38.5	119	8.5	6.4	340	1.59	29.6	4.3	1.3	26.4	110.1	.31	2.89	.12	50	1.04	.101	31.1	29.1	.56	346.7	.207	3	1.28	.126	.49	4.6	.26	18	.1	<.02	5.3	.01
99R10166	1.19	5.71	14.75	37.8	74	6.7	6.0	304	1.77	9.4	2.9	.3	21.4	91.4	.24	2.10	.29	56	.58	.096	23.8	33.2	.66	388.6	.211	1	1.37	.096	.52	2.4	.32	8	<.1	.02	5.6	<.01
99R10167	.78	6.66	15.30	33.9	166	6.8	6.5	249	1.85	23.5	3.7	<.2	23.5	224.3	.17	1.73	.12	57	.70	.093	27.6	34.5	.69	440.8	.228	1	1.52	.108	.60	3.9	.36	15	.1	.03	6.2	<.01
99R10168	1.05	5.26	12.67	28.8	120	6.4	3.6	204	.98	22.6	2.5	1.2	16.1	65.3	.10	2.10	.30	34	.62	.098	15.4	23.0	.48	193.5	.160	1	.98	.105	.25	3.0	.14	10	.3	<.02	4.1	<.01
99R10169	1.58	5.95	10.23	27.4	143	3.9	1.8	230	.70	15.2	2.7	.4	16.3	89.7	.13	5.56	.51	23	.61	.086	10.8	18.3	.38	157.4	.107	2	.93	.078	.17	13.8	.09	8	.3	<.02	3.5	.01
99R10170	1.43	11.59	13.59	23.9	129	5.8	2.5	167	.91	33.6	5.4	16.8	30.9	53.6	.23	3.42	.52	36	1.39	.068	14.4	25.3	.55	108.2	.095	2	.92	.067	.14	3.1	.12	11	.2	.03	3.2	.01
99R10171	1.57	8.22	31.54	84.9	195	7.0	9.3	914	3.67	17.3	5.8	6.4	15.5	145.4	.37	8.00	.10	50	.56	.027	19.8	24.6	.05	210.2	.003	<1	.75	.005	.01	1.4	.13	1560	.1	.03	2.2	<.01
99R10172	2.97	17.92	18.89	54.7	110	6.8	8.3	323	2.43	8.7	4.3	187.9	39.8	51.4	.15	1.16	.17	65	.50	.103	38.9	37.1	.70	283.6	.289	1	1.23	.113	.79	5.8	.66	19	.3	<.02	5.9	<.01
99R10173	2.09	8.52	37.90	46.1	105	6.6	5.1	250	1.13	56.9	11.4	3.4	21.0	60.1	.21	19.99	.12	20	.10	.049	27.4	14.8	.02	190.6	.002	<1	.99	.001	.02	1.2	.21	2832	.4	<.02	2.5	<.01
RE 99R10173	1.77	8.05	35.14	48.7	87	6.6	4.7	258	1.19	55.6	10.6	1.6	21.9	58.8	.19	16.55	.11	21	.11	.051	25.7	14.1	.02	170.2	.002	<1	.90	.005	.02	.9	.19	2569	.3	<.02	2.4	<.01
99R10174	.97	9.35	7.23	14.1	96	5.1	1.3	166	.62	121.3	3.2	51.8	18.8	65.4	.12	1.86	.16	27	2.24	.019	16.9	25.4	.38	53.3	.007	1	.78	.064	.09	2.0	.05	53	.1	.02	2.8	.01
99R10175	.29	3.96	11.26	23.3	87	5.7	2.6	230	.66	322.7	2.8	2.0	14.8	54.7	.18	2.63	.17	25	1.45	.034	13.3	21.9	.42	60.2	.047	3	.81	.072	.08	1.5	.06	54	.3	.03	2.9	.01
99R10176	3.59	33.08	13.92	26.7	212	7.0	3.7	228	1.57	99.5	3.3	4.1	13.6	96.2	.11	4.96	.24	50	1.25	.062	20.0	29.3	.60	223.5	.155	3	1.16	.118	.47	2.8	.34	43	1.6	.06	4.4	.09
99R10177	1.76	23.98	14.66	37.2	220	5.4	5.4	290	1.81	119.3	3.3	9.4	23.3	76.5	.25	4.34	.18	63	.88	.087	17.7	42.0	.83	207.9	.190	3	1.38	.129	.45	3.0	.32	23	.8	.03	5.4	.04
99R11162	1.62	8.99	20.79	42.2	96	10.2	12.7	337	1.37	476.1	4.2	108.7	26.9	60.0	.53	1.88	.61	54	1.39	.132	26.9	28.2	.75	49.6	.067	6	1.20	.098	.07	2.3	.12	12	<.1	.06	4.2	.02
99R11163	2.35	18.59	31.04	30.7	904	2.5	1.2	40	5.30	732.4	2.4	60.2	11.9	25.9	.08	112.22	.21	23	.05	.073	16.8	9.9	.02	629.3	.001	1	.43	.007	.09	2.2	.31	5884	.3	.05	1.2	.05
99R11165	1.76	22.30	21.21	41.5	87	6.8	14.2	237	2.24	446.1	5.3	41.4	29.5	76.4	.24	10.59	1.16	48	.55	.100	29.0	22.9	.65	261.5	.201	3	1.54	.111	.58	8.3	.53	223	.3	.22	5.8	<.01
99R11169	.46	6.82	8.13	19.7	50	4.6	5.2	208	1.17	122.0	5.3	9.6	37.3	45.5	.10	4.57	.30	50	1.29	.096	27.3	26.9	.71	86.0	.075	1	.77	.098	.17	2.0	.20	45	<.1	.06	3.3	<.01
99R11181	4.71	64.26	12.57	71.9	784	45.1	20.5	333	5.13	14.5	1.8	9.0	4.7	38.7	.64	1.59	.91	195	.51	.146	9.2	59.6	1.49	229.3	.054	4	2.60	.106	.36	1.0	.38	19	3.9	.14	8.5	1.93
STANDARD DS2	13.81	128.48	29.47	156.0	276	36.2	13.0	799	3.33	66.1	20.7	210.0	3.6	32.4	11.75	9.91	10.95	80	.54	.081	13.6	159.5	.56	143.1	.105	2	1.78	.034	.16	7.5	2.17	252	2.6	1.93	6.2	.02

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: ROCK Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 29 1999 DATE REPORT MAILED: Aug 6/99 SIGNED BY. C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

lts are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data___ FA ____

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 1/#21 File # 9902565

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Ti ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99X04195	1.91	110.59	1765.47	816.1	38421	10.2	10.1	4970	5.49	4583.5	21.6	345.5	10.2	108.8	6.00	522.58	22.42	38	.91	.093	34.4	16.6	.25	127.8	.008	4	1.04	.015	.08	.7	.31	597	1.2	.34	3.8	.09
99X04196	.69	23.96	326.19	114.6	5154	7.6	8.8	900	1.99	859.1	6.0	37.8	11.9	89.1	.51	112.08	2.73	29	.54	.080	23.2	16.0	.26	131.4	.005	2	1.39	.011	.06	.9	.16	118	.2	.15	4.4	.06
99X04197	1.53	34.28	832.52	85.5	2064	11.6	10.7	994	2.77	604.7	10.1	41.7	6.7	214.7	.64	182.59	3.61	51	.54	.091	25.6	25.3	.51	247.6	.023	3	2.13	.016	.09	1.5	.26	77	.4	.16	7.6	.05
99X04198	.38	57.91	33.29	83.1	381	249.6	42.0	871	3.69	317.4	2.6	6.7	11.0	457.5	.42	8.11	.41	81	6.19	.157	37.1	439.1	5.03	498.8	.228	12	2.29	.018	1.10	.3	.50	151	.1	.09	7.8	.04
99X04199	1.58	44.21	165.32	119.4	635	56.8	17.7	934	3.06	529.0	14.2	10.8	6.6	79.3	.76	19.69	1.04	73	.88	.093	24.6	136.7	1.48	186.1	.077	5	1.68	.015	.10	.3	.31	149	.5	.07	6.4	.11
99X04200	1.01	18.21	36.06	41.2	106	11.1	6.8	503	1.70	226.8	8.4	16.7	49.0	96.0	.41	8.71	.69	36	.55	.056	13.3	20.7	.46	84.6	.030	2	1.57	.015	.07	1.4	.13	64	.4	.04	7.4	.05
99X04201	.56	18.68	62.89	62.7	240	23.2	10.3	517	1.85	484.2	10.0	11.2	34.2	75.3	.42	12.53	2.31	35	.70	.065	17.9	37.9	.59	97.7	.021	4	1.54	.016	.07	.4	.13	96	.2	.08	5.9	.02
99X04202	.93	16.74	72.31	53.1	265	14.0	6.6	567	2.02	420.4	6.3	6.6	10.0	73.9	.35	21.31	1.34	36	.87	.071	16.4	24.9	.39	119.4	.010	3	1.36	.012	.06	.3	.17	77	.3	.05	4.5	.06
99X04203	1.24	64.10	149.28	227.5	2674	14.0	16.6	2393	3.90	1280.0	12.3	146.5	30.8	196.8	1.76	179.17	4.34	45	.91	.129	44.9	24.0	.47	350.6	.056	2	1.27	.015	.22	.4	.49	446	.2	.11	4.7	.06
99X04204	2.95	63.23	60.50	149.2	726	18.0	19.4	2035	5.21	254.9	15.9	115.9	57.0	97.5	.82	24.87	.97	67	.80	.165	70.7	29.5	.48	236.3	.088	2	1.23	.020	.30	1.0	.66	881	.1	.03	5.3	.04
99X04205	4.21	133.48	102.31	183.6	1292	28.5	23.0	2660	4.99	417.8	51.1	94.6	49.7	140.4	1.13	30.02	.89	59	.68	.151	69.5	44.5	.55	227.9	.053	7	1.33	.011	.17	1.1	.91	1106	.7	.05	5.1	.07
99X04206	2.77	103.12	221.92	301.8	3735	29.5	24.3	3488	5.66	1089.7	20.1	101.6	55.3	94.3	2.06	65.82	2.02	60	.91	.171	72.5	32.2	.47	174.0	.049	5	1.08	.014	.19	1.0	1.03	1173	.4	.08	4.8	.09
99X04207	2.41	42.51	99.17	140.3	1063	12.6	19.7	2781	4.73	474.7	31.7	40.2	53.7	103.7	.91	34.30	1.00	55	.80	.176	65.5	23.1	.36	164.8	.035	4	1.18	.015	.16	.8	.73	666	.1	.04	4.6	.04
99X04208	2.47	84.49	85.34	151.3	1315	12.7	19.9	2382	4.89	527.0	21.0	72.8	45.9	118.6	.92	40.22	1.45	67	.73	.163	59.1	26.8	.55	193.8	.093	4	1.28	.022	.29	1.0	.70	643	.3	.05	5.4	.05
99X04209	2.52	100.05	106.35	161.6	1028	13.6	20.4	1979	4.92	890.8	18.4	97.6	52.8	132.1	1.12	48.80	2.90	65	.98	.160	65.6	27.8	.58	249.2	.099	4	1.30	.023	.32	1.1	.69	599	.2	.06	5.5	.05
99X04210	2.00	63.92	104.70	147.5	783	14.3	22.7	1644	5.09	927.9	15.1	79.8	50.1	78.6	1.01	36.34	3.75	63	.86	.173	65.3	25.4	.47	178.3	.049	2	1.13	.017	.20	1.1	.74	855	.2	.09	4.8	.06
99X11161	3.72	47.49	3844.04	617.2	8389	9.9	15.6	450	6.91	1271.4	9.8	63.1	34.0	63.0	1.38	279.17	2.56	62	.26	.146	61.8	24.8	.22	235.1	.031	1	1.01	.031	.27	1.1	1.43	3105	1.7	.10	4.0	.53
99X11164	4.00	50.97	97.41	138.3	297	13.2	16.4	530	8.09	2133.0	20.8	32.1	36.1	39.8	.48	25.46	.81	67	.57	.188	60.3	24.1	.31	304.4	.050	1	1.30	.013	.16	.5	.32	525	.4	.28	4.4	.03
99X11166	3.76	76.70	326.29	206.0	1160	25.4	41.8	1522	6.34	3446.0	29.5	39.7	48.0	59.8	1.22	22.89	1.38	94	.78	.237	69.7	37.0	.34	221.2	.041	2	1.51	.017	.12	.5	.51	392	.5	.67	5.3	.03
99X11167	4.31	49.40	93.14	134.1	294	21.5	29.9	1537	5.61	1459.5	21.9	8.4	48.3	73.9	.91	22.65	.49	79	.97	.266	60.6	33.9	.40	175.3	.055	2	1.32	.014	.23	.8	.80	1104	.2	.27	4.9	.10
99X11168	2.57	47.94	1039.15	305.7	2897	15.9	12.4	1341	6.55	261.0	15.0	11.0	26.2	58.9	1.95	64.34	.56	70	.40	.151	41.3	24.8	.23	166.0	.012	1	1.40	.029	.10	.7	1.42	2039	.3	.07	4.6	.21
99X11170	3.57	74.44	73.12	118.3	265	24.2	27.2	1319	4.98	2330.6	21.8	33.9	25.1	52.9	.69	17.33	1.72	75	.49	.143	48.6	40.3	.50	217.4	.057	2	1.78	.011	.18	6.3	.52	110	.4	.44	6.1	.04
RE 99X11170	3.18	74.36	66.54	119.2	247	26.5	27.2	1334	5.00	2346.4	21.2	30.3	24.4	50.7	.63	16.48	1.68	75	.49	.142	46.4	38.4	.48	207.0	.055	2	1.70	.013	.18	6.4	.48	140	.4	.41	6.1	.04
99X11171	2.07	41.86	127.40	171.7	377	9.9	14.1	667	3.82	774.0	13.7	26.2	26.5	50.8	1.13	51.75	.85	56	.59	.140	50.2	20.3	.42	187.6	.053	1	1.72	.005	.15	.6	.56	571	.2	.16	5.9	.08
99X11172	3.38	55.82	55.33	88.6	131	18.4	18.8	1128	4.94	377.7	22.8	16.0	50.6	47.4	.34	16.34	2.05	82	.58	.167	51.3	33.2	.57	207.0	.122	2	2.04	.013	.21	9	.43	673	.3	.18	6.8	.04
99X11173	2.69	38.37	51.99	82.9	176	13.0	19.1	984	4.79	769.2	23.4	8.8	50.0	48.6	.40	11.41	5.62	70	.56	.143	57.7	30.7	.61	224.8	.105	2	2.04	.016	.26	.5	.61	335	.4	.46	7.6	.05
99X11174	3.69	63.46	40.87	86.1	160	16.7	16.6	859	5.17	406.3	31.3	12.2	27.3	34.5	.27	11.56	1.94	74	.40	.132	55.4	31.1	.49	152.8	.062	1	1.99	.018	.10	.5	.40	460	.5	.16	7.0	.07
99X11175	2.55	51.27	43.56	94.7	204	16.1	19.2	1088	5.30	353.4	17.6	8.0	44.1	34.5	.31	6.09	2.07	76	.63	.154	57.3	29.4	.52	173.8	.093	1	1.68	.011	.20	.9	.49	437	.3	.14	6.4	.04
99X11176	3.22	102.58	46.32	107.5	409	17.5	27.0	1236	6.45	339.5	13.5	12.2	47.0	55.1	.40	12.99	5.38	110	.84	.195	62.8	45.1	.77	275.1	.166	3	2.15	.030	.39	1.1	.67	786	.4	.08	9.1	.05
99X11177	5.76	74.20	46.24	112.1	205	17.6	28.0	1564	7.17	509.1	18.6	6.2	80.4	48.1	.41	13.57	1.78	98	1.16	.281	99.7	42.6	.64	208.3	.137	4	1.64	.025	.43	1.4	.85	594	.5	.23	7.4	.03
99X11178	3.08	91.43	30.60	95.5	218	20.1	22.0	989	5.46	158.7	11.5	9.1	35.1	41.5	.36	7.21	2.34	86	.71	.169	44.0	43.6	.62	246.4	.137	4	1.86	.029	.23	4.7	.44	416	.4	.07	7.1	.05
99X11179	17.86	129.79	21.71	218.9	277	97.8	17.2	183	5.34	129.3	8.8	43.5	1.0	64.8	1.55	14.18	1.21	296	.41	.275	26.3	56.4	.33	524.5	.023	1	1.62	.036	.25	.4	.79	122	4.3	.15	5.5	.36
99X11180	10.36	154.88	23.41	133.0	482	49.1	11.8	259	12.13	84.4	5.9	9.7	5.9	78.2	.49	14.61	.87	216	.23	.249	16.3	63.7	.63	465.2	.069	2	2.57	.082	.20	.5	.40	39	8.8	.18	9.4	.60
99X11188	2.57	20.03	15.95	66.0	87	19.3	14.4	975	4.31	14.2	.6	3.5	1.7	9.9	.22	2.52	.25	57	.07	.104	11.6	29.6	.40	217.4	.024	<1	1.76	.002	.08	<.2	.19	189	.8	.05	6.8	.06
STANDARD DS2	13.79	131.42	30.51	150.6	264	34.4	13.8	800	3.34	61.7	21.4	199.1	3.8	29.7	11.48	9.76	11.39	73	.55	.082	14.1	149.5	.51	136.0	.108	2	1.68	.034	.16	7.5	1.95	255	2.5	1.84	6.4	.02

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: SOIL Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 29 1999 **DATE REPORT MAILED:** Aug 6/99 **SIGNED BY.** C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

'ts are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data ✓ FA ___

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 2/#22 File # 9902566 Page 1

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99X10198	2.62	63.83	11.06	130.7	125	46.5	13.3	492	3.64	10.0	1.7	14.9	7.6	28.5	.44	1.47	.20	69	.21	.080	15.6	32.5	.64	922.9	.029	2	1.99	.010	.17	<.2	.18	82	.7	.05	4.3	.03
99X10199	14.97	34.84	14.10	37.4	1898	14.6	3.8	82	2.69	26.0	1.6	4.3	2.8	109.3	.54	5.14	.26	193	.06	.089	7.1	37.9	.14	575.9	.017	1	.89	.011	.30	<.2	.77	117	9.1	.17	4.0	.56
99X10200	4.33	65.04	11.38	71.8	303	26.9	6.6	218	3.27	14.6	1.5	6.9	4.3	42.3	.17	2.10	.26	72	.05	.074	8.9	30.1	.21	736.1	.049	1	1.27	.009	.10	<.2	.22	119	2.4	.11	4.0	.10
99X10201	3.45	93.26	10.57	99.8	366	41.9	26.9	1023	3.88	13.1	1.4	10.3	4.0	17.8	.30	1.77	.25	92	.08	.086	8.1	37.9	.31	561.2	.033	1	2.10	.007	.09	<.2	.20	122	2.3	.10	6.4	02
99X10202	2.25	109.11	15.20	158.0	92	52.3	21.0	330	4.85	9.1	1.3	23.2	4.9	14.1	.38	1.70	.22	77	.07	.092	8.3	30.4	.52	583.0	.036	1	2.09	.009	.17	<.2	.18	37	1.9	.09	6.5	<.01
99X10203	2.30	64.36	24.41	412.0	202	56.9	37.6	3371	4.71	9.3	7	4.3	1.3	20.8	1.91	1.40	.60	94	.18	.174	10.8	64.2	.53	1881.9	.031	2	2.96	.010	.13	<.2	.21	55	.5	.24	9.0	.01
99X10204	2.17	61.54	15.11	317.7	289	61.6	17.1	788	4.24	7.3	.8	3.0	3.5	28.4	1.80	1.47	.29	83	.30	.139	8.9	37.2	.50	1818.9	.025	2	2.23	.009	.17	<.2	.20	32	.6	.08	4.8	.03
99X10205	17.93	160.49	17.09	600.7	7638	73.9	4.8	109	1.76	23.9	23.0	14.2	.4	256.7	9.07	15.11	.29	409	.75	.573	20.4	78.2	.18	1379.7	.013	5	1.38	.007	.18	.2	2.51	1399	9.7	.18	5.8	.15
99X10206	17.65	80.46	14.45	318.2	3494	55.9	9.5	209	3.72	26.8	7.4	15.8	1.2	137.2	1.42	8.38	.27	232	.11	.556	9.8	39.6	.14	965.3	.016	1	1.23	.006	.17	.2	.94	840	12.9	.17	4.5	.23
99X10207	4.84	71.11	15.17	307.7	352	40.6	8.4	208	3.91	14.2	2.1	8.0	5.2	110.1	.88	5.44	.30	74	.09	.129	11.9	27.6	.15	1032.7	.019	1	1.29	.008	.18	<.2	.23	53	1.6	.13	3.1	.20
99X11191	2.51	68.68	13.74	139.4	206	29.4	9.9	792	3.63	12.3	1.5	2.0	.6	14.2	.98	1.80	.30	78	.11	.122	6.3	24.9	.20	1411.9	.018	1	1.48	.006	.10	.2	.22	45	.6	.11	5.7	.03
99X11192	6.07	72.29	12.62	288.6	344	49.3	17.6	304	3.60	16.2	2.0	6.6	6.3	49.6	.69	3.77	.23	105	.31	.202	8.2	31.0	.53	566.2	.031	3	1.93	.009	.25	<.2	.44	107	1.6	.06	6.0	.04
99X11193	3.10	59.41	10.64	124.0	139	36.2	14.8	228	3.34	7.5	1.2	10.8	8.5	19.1	.26	1.43	.16	53	.16	.057	17.8	34.6	1.04	485.2	.012	3	2.15	.004	.24	<.2	.26	161	1.2	.03	6.5	.03
99X11194	2.91	52.29	14.74	85.1	331	34.1	16.4	345	3.42	6.8	.8	13.8	8.5	38.5	.14	1.06	.17	48	1.73	.086	23.3	37.4	1.60	562.9	.009	3	2.23	.006	.21	<.2	.21	427	.4	.04	7.6	.04
99X11195	2.05	68.94	10.12	97.7	87	32.9	12.1	251	2.74	11.2	1.3	23.0	6.0	21.8	.35	1.56	.21	54	.26	.046	17.2	28.9	.50	219.7	.040	1	1.38	.011	.09	.2	.10	177	.9	.07	4.1	.05
99X11196	1.54	49.32	6.34	78.9	255	28.0	8.4	269	2.31	7.2	1.0	8.1	3.5	51.6	.33	.58	.18	45	1.04	.099	15.0	25.4	.76	491.7	.025	3	1.41	.013	.13	.2	.13	223	.8	.04	4.6	.05
99X11197	3.56	60.95	11.34	244.0	296	40.1	14.8	547	3.26	15.4	2.5	8.9	2.5	33.3	.92	3.91	.20	116	.11	.153	8.7	26.5	.36	384.7	.016	2	1.32	.005	.15	<.2	.34	77	1.9	.10	4.5	.10
99X11198	6.78	111.66	15.89	367.1	286	57.1	12.6	258	3.79	18.0	6.4	16.7	8.0	74.7	1.42	4.58	.24	146	.25	.190	10.0	34.2	.52	647.6	.018	3	1.78	.006	.25	<.2	.33	157	3.0	.14	6.1	.10
99X11199	4.04	55.41	13.85	281.9	2580	111.0	20.9	343	3.34	17.3	2.3	10.2	4.9	77.1	.79	4.67	.32	128	.22	.146	9.7	39.1	.29	667.6	.025	1	1.78	.008	.07	.2	.28	839	2.8	.16	4.7	.06
99X11200	8.58	146.35	17.54	663.5	5640	118.0	15.3	455	3.28	18.6	8.7	9.1	3.0	306.7	3.87	8.07	.26	138	1.05	.582	31.5	55.7	.09	1497.3	.010	4	.84	.005	.21	.2	.64	1125	12.7	.24	3.1	.16
RE 99X11200	10.12	151.55	16.28	688.6	5814	121.1	15.5	472	3.40	20.2	8.9	8.8	3.1	331.6	4.76	8.26	.26	145	1.10	.604	34.1	61.4	.10	1624.4	.012	3	.93	.006	.22	.2	.57	1090	13.4	.26	3.3	.15
99X11201	2.13	150.14	24.85	145.7	206	48.3	28.2	1240	5.16	19.2	1.2	4.2	3.7	34.8	.31	4.04	.45	65	.26	.121	15.5	38.6	.46	327.4	.024	1	2.13	.008	.13	.2	.18	85	.7	.24	6.0	.09
99X11202	3.73	91.08	13.93	100.0	187	38.2	17.3	1145	3.78	9.8	1.4	8.3	5.2	39.0	.21	2.78	.26	57	.52	.084	20.9	27.4	.52	631.1	.020	1	1.49	.007	.15	<.2	.13	133	.7	.12	5.0	.08
99X11203	6.26	169.93	15.36	116.4	213	40.3	28.8	2356	5.62	16.1	1.0	8.0	3.6	68.3	.15	5.96	.33	49	.24	.110	19.7	27.3	.44	613.9	.019	<1	1.54	.008	.14	<.2	.17	98	1.3	.22	4.8	.16
99X11204	1.39	78.41	10.80	110.0	91	30.8	18.1	1371	2.95	9.4	.5	5.4	5.6	110.4	.27	1.13	.22	31	4.12	.091	15.5	22.4	.52	303.0	.011	2	1.19	.004	.17	<.2	.09	130	.2	.11	4.1	.09
99X12136	.78	9.84	9.92	448.5	13	13.8	14.2	464	3.73	9.0	.5	1.3	.6	13.1	.28	.58	.19	59	.18	.137	16.5	20.1	.27	111.2	.027	2	1.61	.007	.12	<.2	.09	67	.5	.03	6.7	.08
99X12137	.89	18.17	7.52	87.8	56	16.3	11.4	326	3.31	8.1	.8	3.2	2.2	32.2	.08	.55	.14	53	.61	.206	30.9	20.8	.33	455.9	.023	2	1.75	.010	.13	<.2	.07	44	.1	.03	6.0	.09
99X12138	1.21	12.23	8.09	128.0	83	12.5	17.0	793	4.12	6.6	.6	1.4	.7	36.3	.26	.93	.16	44	.24	.165	23.4	17.1	.21	364.4	.014	2	1.46	.009	.12	<.2	.10	77	.2	.02	5.3	.15
99X12139	1.12	17.63	6.76	60.4	39	14.5	6.8	145	2.56	7.7	.6	1.7	1.7	17.7	.09	.51	.14	49	.21	.093	11.4	23.5	.28	203.9	.018	2	1.75	.008	.09	<.2	.09	41	.4	.03	5.7	.10
99X12140	.97	33.45	7.36	66.4	100	33.3	15.3	426	3.18	8.9	.9	3.0	2.0	30.9	.10	.49	.17	67	.71	.098	18.8	45.3	.63	538.1	.052	1	2.18	.013	.04	<.2	.10	50	.2	.04	6.7	.05
99X12141	6.68	25.00	11.86	50.3	380	16.8	3.7	74	2.98	9.1	1.3	1.2	.7	193.9	.28	2.56	.09	31	.20	.204	18.6	8.7	.06	560.0	.019	3	.41	.010	.38	<.2	.19	134	2.1	.11	1.6	.59
99X12142	1.26	20.10	9.46	38.8	15	21.0	17.0	397	4.07	12.2	1.1	2.2	3.5	44.1	.15	.60	.15	47	.21	.175	26.6	26.8	.32	288.0	.031	1	2.20	.014	.07	<.2	.19	49	.4	.03	5.2	.06
99X12143	1.18	12.23	11.42	31.4	13	11.6	8.9	433	2.85	8.0	.5	1.3	.4	8.7	.12	.61	.25	58	.08	.047	10.8	21.5	.29	145.8	.029	1	1.77	.007	.04	<.2	.13	32	.3	.04	7.8	.06
99X12144	1.14	11.71	9.72	49.1	7	14.0	8.5	368	3.54	9.5	.4	1.9	1.0	7.5	.13	.67	.21	65	.08	.054	9.1	28.7	.45	149.1	.030	1	2.14	.008	.04	.2	.11	27	.3	.04	7.9	.05
STANDARD DS2	14.37	129.69	25.88	161.3	245	36.2	13.0	813	3.30	61.4	20.7	195.1	3.4	29.3	11.00	9.55	10.26	75	.57	.083	12.8	165.8	.57	138.3	.111	1	1.80	.037	.17	7.2	1.92	222	2.5	1.85	6.1	.03

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: SOIL Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 29 1999 **DATE REPORT MAILED:** Aug 10/99 **SIGNED BY** C. Leong .D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data A FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99X12145	1.82	11.20	11.97	47.6	16	12.9	10.8	390	3.91	10.9	.7	2.4	1.9	10.1	.13	.73	.24	63	.10	.051	11.8	26.8	.31	229.1	.038	1	1.97	.004	.05	<.2	.14	48	.7	.04	7.1	<.01
99X12146	1.17	22.53	9.92	57.5	24	23.7	12.7	644	3.18	12.6	.8	2.3	4.2	17.2	.15	.89	.20	58	.22	.091	18.0	30.1	.48	383.2	.044	2	2.14	.011	.07	<.2	.11	46	.6	.04	5.8	<.01
99X12147	1.14	13.03	9.96	52.1	12	10.2	7.9	235	4.44	10.7	.6	1.4	.5	9.8	.07	.68	.20	79	.09	.059	17.3	25.2	.38	139.5	.037	1	1.90	.011	.05	<.2	.12	35	.6	.03	8.1	.01
99X12148	1.22	10.81	10.02	43.2	27	14.5	8.2	266	3.43	11.4	.5	1.7	3.6	9.6	.14	.68	.21	65	.09	.034	11.3	28.2	.36	198.7	.036	<1	2.35	.007	.04	<.2	.12	45	.6	.05	7.1	.02
99X12149	1.10	22.11	10.45	73.8	20	21.2	22.3	605	4.83	9.9	.7	1.4	3.9	13.7	.20	.65	.19	41	.27	.149	22.6	17.6	.31	273.8	.012	3	2.20	.010	.14	<.2	.11	43	.9	.04	5.4	.03
99X12150	1.31	22.72	10.15	58.7	50	24.1	13.7	335	3.72	12.4	.7	1.6	4.3	14.3	.17	.71	.23	96	.17	.024	11.2	41.4	.66	318.1	.108	<1	2.90	.013	.05	<.2	.16	32	.5	.04	8.9	.02
99X12151	1.21	17.02	9.41	40.2	44	16.0	9.4	211	3.18	10.3	.5	.5	3.2	16.8	.04	.68	.34	89	.25	.022	11.3	32.4	.45	305.7	.144	1	2.14	.007	.04	.4	.18	25	.4	.03	8.9	.01
99X12153	.85	92.48	4.29	74.1	29	82.8	44.8	752	8.46	5.1	.4	1.1	1.6	9.8	.13	.29	.11	202	.15	.065	7.1	84.3	.80	431.2	.074	2	3.58	.011	.04	<.2	.08	177	.6	.03	11.6	.02
RE 99X12146	1.14	21.57	10.15	58.9	22	25.2	12.8	655	3.24	12.0	.8	3.9	4.4	16.2	.15	.87	.19	60	.22	.093	17.8	30.3	.49	392.0	.046	2	2.18	.008	.06	<.2	.12	36	.6	.03	5.8	.01
99X12154	.76	75.82	4.19	70.8	21	63.7	52.5	1477	9.03	5.3	.5	1.7	2.0	16.4	.07	.38	.07	229	.38	.138	13.3	91.6	1.83	590.2	.051	1	5.48	.015	.05	<.2	.08	36	.6	.03	16.8	.01
99X12155	.87	44.13	7.29	51.0	43	42.2	22.7	643	4.65	7.0	.5	1.0	2.6	16.8	.10	.32	.12	150	.39	.028	7.9	55.9	.91	677.5	.052	2	4.10	.019	.05	<.2	.12	22	.3	.02	12.1	.01
99X12156	1.93	67.39	5.41	75.0	33	69.2	40.9	972	8.20	6.6	.4	1.3	2.4	14.1	.15	.32	.07	198	.18	.078	8.2	72.8	1.35	602.2	.009	2	4.21	.018	.05	<.2	.08	94	.6	.02	11.7	<.01
99X12157	1.05	68.83	7.07	44.8	45	77.9	22.4	583	4.38	7.0	.5	1.9	2.5	18.4	.13	.62	.15	108	.36	.034	10.6	130.3	.99	500.3	.220	2	3.15	.013	.05	<.2	.10	33	.5	.04	8.9	.01
STANDARD DS2	13.71	124.24	30.65	146.2	248	32.9	12.0	785	3.26	58.6	19.7	190.0	3.3	29.2	10.84	9.57	10.57	72	.53	.081	13.0	147.2	.50	137.1	.107	1	1.64	.032	.15	6.8	1.97	220	2.4	1.77	6.1	.04

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data A FA ___

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.)
852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 2/#22 File # 9902567

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99R12152	.21	80.79	.29	100.2	42	74.3	53.2	1166	9.77	<.1	.3	<.2	2.0	90.2	.02	<.02	.02	267	5.25	.207	23.4	129.7	6.69	927.1	.477	4	5.59	.033	.08	<.2	<.02	18	.3	.02	20.9	.02
STANDARD DS2	13.81	128.48	29.47	156.0	276	36.2	13.0	799	3.33	66.1	20.7	210.0	3.6	32.4	11.75	9.91	10.95	80	.54	.081	13.6	159.5	.56	143.1	.105	2	1.78	.034	.16	7.5	2.17	252	2.6	1.93	6.2	.02

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: ROCK

DATE RECEIVED: JUL 29 1999 **DATE REPORT MAILED:** Aug 6/99 **SIGNED BY.** C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

...sults are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data /FA

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 3/#23 File # 9902568 Page 1

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99X05201	6.56	96.02	16.06	300.3	388	47.2	11.5	346	4.69	13.4	2.3	5.4	.9	40.2	1.18	3.59	.32	119	.14	.223	7.0	24.6	.34	377.9	.020	3	1.36	.008	.12	<.2	.19	60	2.2	.08	6.5	.05
99X05202	5.21	76.82	16.96	254.2	506	65.2	15.3	407	3.86	11.2	2.4	11.0	9.6	72.9	1.41	2.27	.31	67	.86	.169	20.6	35.4	1.33	1000.3	.005	5	2.33	.007	.25	<.2	.27	311	1.8	.09	7.2	.05
99X05203	4.60	67.72	17.18	204.2	451	49.5	21.4	852	3.31	9.1	2.5	10.4	5.4	44.3	1.55	1.86	.26	67	.49	.136	15.5	34.5	.83	1176.4	.007	5	2.08	.008	.18	<.2	.31	244	1.4	.07	7.3	.06
99X05204	3.64	41.28	10.86	121.9	293	27.7	8.9	170	2.80	6.4	1.6	7.8	3.9	25.9	.34	1.13	.20	72	.25	.140	10.0	34.2	.97	463.9	.006	4	2.04	.005	.22	<.2	.24	233	1.2	.03	7.0	.04
99X05205	3.21	25.78	12.03	74.2	639	17.9	6.6	314	2.39	6.8	1.7	7.8	2.2	29.8	.29	1.22	.20	80	.19	.141	11.6	29.3	.60	436.4	.009	3	1.50	.005	.13	<.2	.26	413	2.1	.05	5.2	.04
99X05206	2.95	57.26	13.14	152.4	399	27.2	15.9	964	3.00	5.6	2.3	3.9	3.6	100.2	1.89	1.31	.17	51	1.73	.096	12.8	24.0	.75	2257.4	.007	6	2.11	.010	.22	<.2	.18	135	1.3	.03	6.4	.07
99X05207	3.45	52.41	13.82	99.8	309	28.1	14.7	377	3.12	6.2	1.6	2.2	6.0	55.0	.77	1.15	.18	59	1.12	.057	16.3	30.8	.70	1374.3	.008	4	2.37	.009	.24	<.2	.19	111	.9	.05	6.7	.04
99X05208	2.39	43.78	16.97	94.5	164	33.9	14.6	704	3.38	7.8	3.0	4.6	5.9	44.3	.66	1.09	.19	41	1.10	.113	25.4	31.4	.86	588.7	.009	3	2.34	.009	.17	<.2	.14	98	1.0	.04	6.0	.04
99X05209	2.08	51.83	17.65	99.3	101	30.5	15.2	597	3.39	5.3	1.0	4.7	9.3	29.0	.46	.99	.21	44	.67	.072	25.0	30.2	.96	627.5	.004	2	2.35	.006	.23	<.2	.13	116	.7	.03	6.3	.03
99X05210	.45	21.34	11.70	64.1	97	25.9	9.6	313	2.79	5.8	.4	3.3	4.9	65.0	.12	.47	.14	31	2.14	.088	18.1	27.6	.70	690.8	.014	4	1.83	.014	.14	<.2	.08	100	.4	.02	4.9	.05
99X05230	1.34	22.07	12.58	68.5	76	22.9	12.0	312	3.16	10.2	.6	3.0	3.2	11.7	.35	1.44	.21	68	.10	.042	10.6	32.7	.67	295.5	.030	1	2.34	.006	.10	<.2	.17	41	.8	.04	6.8	.01
99X05231	.96	27.61	13.73	60.4	47	22.6	10.5	306	2.98	9.2	.5	1.7	6.2	10.4	.12	.76	.37	52	.10	.048	12.2	32.8	.70	203.8	.026	2	2.06	.006	.09	<.2	.12	32	.4	.05	6.2	.01
99X05232	1.29	24.83	8.45	71.3	62	21.0	8.6	198	2.55	7.8	.5	3.7	4.6	10.5	.25	1.58	.15	48	.10	.037	9.4	24.4	.63	184.0	.023	1	1.44	.003	.09	<.2	.23	47	.6	.03	4.0	.02
99X05233	.92	41.77	13.88	81.9	241	36.7	15.9	549	3.73	6.3	.8	4.9	6.4	15.6	.35	.80	.20	52	.18	.125	18.6	44.3	1.59	333.1	.020	3	2.88	.007	.15	<.2	.16	59	.6	.04	8.0	.02
99X05234	.82	19.81	16.17	109.3	60	28.1	16.4	678	3.62	6.9	.6	1.6	4.6	30.7	.51	.57	.24	59	.64	.099	16.8	39.3	.83	644.6	.018	2	2.84	.008	.15	<.2	.13	41	.3	.04	7.9	.02
99X05235	.95	19.77	11.21	53.7	86	24.1	12.2	345	2.86	9.1	.5	1.9	5.3	28.0	.21	.56	.17	43	.56	.036	15.9	32.4	.76	396.1	.017	2	1.92	.009	.12	<.2	.16	46	.3	.02	6.0	.02
99X05236	.84	30.08	11.66	57.9	122	27.7	11.4	333	2.96	9.4	.5	6.5	4.7	37.4	.18	.62	.43	41	.93	.069	22.0	32.5	.90	369.8	.020	4	2.05	.011	.16	.3	.17	136	.4	.04	5.9	.02
99X05237	.84	33.82	11.55	69.4	104	29.5	12.6	522	3.36	8.6	.9	8.9	9.6	26.6	.16	.73	.20	48	.62	.067	36.4	37.9	1.32	461.9	.025	4	2.53	.007	.21	<.2	.16	68	.4	.05	7.3	.04
99X05238	1.16	30.65	10.97	71.8	113	28.9	13.5	391	3.00	8.3	.8	6.6	7.7	23.3	.25	.91	.18	50	.39	.069	23.0	32.8	.99	335.2	.027	3	2.01	.008	.15	<.2	.15	87	.3	.03	6.2	.01
99X05239	1.12	35.18	7.77	77.3	182	27.7	8.3	239	2.47	5.8	1.6	7.1	4.5	72.5	.75	.81	.16	43	1.03	.084	21.3	34.8	1.17	350.9	.016	7	1.92	.008	.19	<.2	.23	147	1.7	.03	6.1	.09
99X05240	26.51	185.15	23.80	388.0	1084	69.3	24.4	673	4.91	31.9	6.6	16.6	4.3	148.1	1.88	7.87	.20	148	.74	.345	12.3	36.4	1.01	1397.2	.005	6	2.17	.023	.42	<.2	.69	728	6.1	.13	6.8	.28
99X05241	2.29	23.83	11.08	41.3	136	12.1	4.4	136	2.43	6.6	.9	4.4	.9	11.5	.46	.89	.23	67	.10	.078	9.2	22.3	.19	360.5	.013	1	1.48	.006	.08	<.2	.16	60	.7	.05	7.1	.03
99X05242	4.72	50.03	15.23	140.0	150	33.5	17.1	476	3.76	11.8	1.1	7.8	5.4	17.7	1.04	2.46	.18	82	.16	.090	11.2	33.4	1.04	452.6	.023	3	2.22	.008	.17	<.2	.34	119	1.5	.05	6.8	.03
RE 99X05244	2.48	85.53	9.54	141.5	171	34.5	9.1	359	2.63	9.0	1.2	17.7	3.3	34.5	1.24	1.64	.16	54	.32	.115	10.5	24.3	.44	262.0	.041	1	1.07	.009	.07	<.2	.13	81	1.6	.05	3.4	.03
99X05243	3.52	177.37	17.99	147.8	116	44.3	17.8	784	4.51	15.5	3.3	4.8	2.2	32.4	1.88	1.86	.36	97	.13	.106	9.8	36.1	.37	406.6	.033	2	1.79	.007	.12	<.2	.17	47	1.8	.13	7.2	.05
99X05244	2.41	80.16	7.98	135.2	160	30.9	8.9	336	2.52	8.4	1.1	13.0	3.3	32.8	1.14	1.54	.16	51	.32	.110	10.3	24.0	.42	250.8	.041	1	1.03	.008	.07	.2	.13	81	1.4	.04	3.2	.02
99X05245	2.07	32.73	12.73	82.0	88	22.4	9.8	358	3.68	10.2	.6	5.9	4.3	11.2	.41	1.10	.24	80	.07	.045	7.8	34.5	.54	243.5	.040	2	2.11	.006	.13	<.2	.14	48	.7	.05	7.1	.02
99X05246	4.14	91.66	16.85	224.9	652	98.2	24.2	1365	4.92	17.3	.7	4.0	2.4	43.9	.58	1.79	.36	102	.06	.106	12.3	45.1	.32	487.6	.014	3	2.29	.008	.14	<.2	.37	88	1.8	.13	9.0	.09
99X05247	2.24	54.76	14.04	99.7	302	43.4	18.5	378	4.05	13.4	.6	3.2	4.5	14.4	.52	1.58	.29	94	.09	.046	8.4	46.5	.47	351.6	.041	2	3.35	.009	.08	<.2	.15	42	.8	.10	8.1	.01
99X05248	1.83	44.09	10.00	93.2	84	24.0	11.4	344	3.18	6.7	.4	2.0	3.0	12.1	.34	1.16	.23	83	.10	.035	8.6	34.8	.40	363.2	.026	1	1.77	.007	.06	<.2	.11	21	.5	.08	6.4	.01
99X05249	2.32	40.30	9.24	80.4	252	27.3	9.6	231	2.81	7.3	.6	5.8	3.6	28.6	.38	.88	.17	59	.54	.028	10.0	28.3	.60	435.9	.018	2	1.84	.008	.09	<.2	.15	62	.8	.05	5.1	.01
99X05250	4.31	90.10	10.18	122.6	965	38.5	10.6	336	2.67	9.0	4.8	17.4	3.5	87.9	.89	2.22	.18	66	1.48	.089	16.3	27.6	.70	926.4	.016	3	1.76	.012	.15	<.2	.24	477	2.0	.07	5.1	.11
99X05251	2.50	45.55	12.46	89.4	256	30.8	21.0	787	4.16	12.3	.5	4.1	3.1	10.6	.34	1.22	.28	82	.05	.058	7.3	33.4	.32	133.4	.034	1	2.02	.007	.06	<.2	.14	73	.8	.10	7.2	.03
99X05252	2.20	36.42	9.14	94.9	267	27.7	10.7	541	2.97	9.8	.5	4.9	3.3	18.7	.67	1.05	.20	66	.14	.043	6.6	28.9	.43	389.1	.024	1	1.75	.006	.07	<.2	.11	64	.8	.05	5.3	.02
STANDARD DS2	14.88	137.75	31.58	165.7	233	36.6	13.2	808	3.51	65.0	19.9	200.4	3.5	32.0	11.55	10.24	11.01	82	.61	.091	12.3	184.9	.65	165.0	.110	2	2.09	.042	.17	7.3	2.15	236	2.6	1.86	6.3	.03

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: SOIL Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 29 1999 **DATE REPORT MAILED:** Aug 10/99 **SIGNED BY.....** C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data A FA

ACME ANALYTICAL

International Kodiak Resources Inc. PROJECT AREA 3/#23 FILE # 9902568 Page 2

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99X05253	8.67	121.36	8.96	144.4	953	46.6	6.9	260	1.68	7.0	1.4	16.8	2.0	279.8	1.59	3.30	.20	53	7.39	.168	17.9	14.2	1.02	466.2	<.001	5	.88	.005	.15	<.2	.23	823	3.5	.12	2.5	.05
99X05254	9.34	130.80	19.72	192.3	511	60.4	24.5	367	4.12	19.4	3.7	18.9	5.9	109.7	1.27	3.68	.28	96	1.29	.175	21.6	30.9	.87	824.4	.014	8	2.12	.012	.30	<.2	.50	471	5.7	.11	6.7	.12
99X05255	8.34	181.35	14.35	271.2	456	63.9	12.3	269	3.74	13.5	1.5	32.7	5.8	39.7	1.22	4.17	.25	84	.37	.095	17.5	35.9	.72	932.0	.008	5	1.99	.007	.22	<.2	.34	415	5.2	.10	5.6	.04
99X05256	14.59	168.48	23.22	261.8	793	74.9	21.8	1782	4.53	26.5	2.7	18.7	4.3	74.1	1.61	6.18	.30	101	.68	.157	15.7	31.4	.48	1753.7	.004	7	1.69	.007	.25	<.2	.30	478	4.1	.24	5.0	.21
99X06220	5.84	144.93	11.45	232.7	253	33.1	7.7	202	4.14	9.7	1.4	31.4	2.5	122.5	.33	2.40	.24	72	.03	.087	4.3	23.8	.05	873.3	.011	2	.70	.002	.13	<.2	.14	101	2.3	.13	3.3	.06
99X06221	4.43	118.32	10.90	152.6	332	36.6	9.2	455	3.63	11.6	1.9	37.8	2.8	67.2	.57	2.05	.22	76	.05	.169	5.9	28.9	.15	495.6	.029	2	1.61	.001	.08	<.2	.17	100	2.7	.11	4.7	.04
99X06222	5.47	153.75	17.59	117.0	98	23.5	2.8	52	2.68	12.8	1.4	10.3	1.0	76.7	.48	2.37	.29	107	.01	.083	5.4	26.9	.04	543.3	.008	2	.74	.001	.08	<.2	.14	41	13.2	.23	5.0	.03
99X06223	.59	128.96	15.29	96.8	173	41.2	19.4	226	6.24	2.4	.6	13.6	3.8	32.8	.12	1.24	.33	104	.27	.050	5.8	31.4	3.68	1893.1	.003	6	4.40	.003	.27	<.2	.17	103	1.0	.10	11.3	.01
99X06224	3.25	78.12	10.73	106.3	509	37.9	13.1	395	2.44	6.3	6.1	12.7	3.0	89.7	1.06	1.56	.18	60	1.38	.110	16.9	26.3	1.12	2277.4	.008	6	1.82	.007	.19	<.2	.23	505	5.0	.05	6.0	.15
99X06225	17.78	212.22	26.34	185.5	360	70.4	25.7	230	5.39	22.2	11.7	23.6	13.8	116.7	.82	3.22	.26	142	.40	.198	21.2	50.9	2.37	1887.7	.002	3	3.52	.012	.22	<.2	.66	590	2.9	.16	10.4	.16
99X06226	4.98	98.95	12.25	129.7	179	29.0	9.8	194	2.98	6.8	1.2	8.3	3.8	42.5	.53	1.69	.22	97	.34	.115	6.4	28.5	1.13	671.2	.009	2	1.94	.004	.17	<.2	.20	101	2.4	.12	6.0	.01
99X06227	6.87	280.90	11.33	241.6	484	67.5	12.9	665	4.94	9.0	1.6	56.3	3.7	64.6	.85	2.95	.25	52	.30	.128	5.3	26.6	.28	940.7	.002	1	1.27	<.001	.07	<.2	.17	155	3.2	.14	2.9	.05
99X06228	8.25	112.73	14.43	160.2	814	47.9	12.9	350	3.53	13.4	3.9	19.0	3.6	109.9	1.00	2.39	.21	102	.54	.161	12.1	32.9	1.21	2283.3	.009	5	2.35	.003	.29	<.2	.40	723	3.3	.10	7.6	.14
99X06229	7.73	110.98	15.63	310.2	357	99.1	29.4	548	5.60	11.7	1.4	4.2	4.0	64.3	.82	3.13	.52	62	.07	.106	8.7	27.6	.46	656.5	.006	1	1.64	.003	.22	.3	.27	63	7.1	.13	5.4	.10
99X06230	17.81	247.72	21.44	405.9	785	60.0	12.4	229	5.00	35.6	6.5	28.8	7.5	172.4	1.39	7.89	.34	262	.81	.503	12.2	51.7	.74	986.1	.011	5	2.65	.004	.42	<.2	.67	304	8.7	.26	8.9	.09
99X06231	1.85	59.50	11.63	112.5	295	30.8	11.9	273	3.01	7.3	1.1	10.6	5.7	24.6	.72	1.92	.19	63	.36	.081	15.0	31.2	1.29	860.1	.010	2	2.28	.005	.16	<.2	.22	197	1.1	.04	6.4	<.01
99X06249	.56	36.69	10.26	62.4	17	26.2	9.8	112	2.75	5.2	.4	1.3	7.4	6.6	.16	.51	.20	36	.05	.030	24.9	31.8	.91	609.8	.011	1	2.39	.005	.11	<.2	.10	38	.4	.02	6.3	<.01
99X06250	1.15	19.89	12.95	64.1	33	21.0	11.5	474	3.19	11.0	.5	1.5	5.8	8.9	.12	.81	.22	53	.09	.084	12.0	32.7	.59	385.4	.024	1	2.04	.005	.10	<.2	.10	36	.5	.03	5.9	<.01
RE 99X06251	.96	21.28	9.88	61.8	79	27.5	9.7	235	3.10	11.1	.5	1.4	5.0	9.3	.12	.86	.16	57	.09	.037	9.7	32.9	.78	257.6	.029	1	2.10	.004	.08	<.2	.12	37	.4	.03	5.7	<.01
99X06251	.94	20.85	9.72	60.7	77	27.3	9.6	235	3.08	10.5	.5	2.7	4.8	9.3	.11	.87	.16	58	.09	.036	9.8	31.5	.77	254.3	.029	1	2.09	.005	.08	<.2	.13	35	.4	.04	5.6	<.01
99X06252	1.78	34.01	11.60	82.5	192	25.1	13.6	325	2.99	8.6	.6	4.8	6.8	12.1	.26	1.28	.19	61	.09	.046	12.6	32.3	.81	603.8	.024	2	2.14	.005	.12	<.2	.19	80	.7	.03	6.0	<.01
99X06253	1.30	41.24	11.38	71.7	35	33.0	15.9	472	3.31	9.7	.8	4.6	8.6	13.4	.16	.88	.17	60	.13	.060	13.2	38.1	1.42	495.4	.032	2	2.59	.006	.13	<.2	.18	57	.5	.04	7.1	<.01
99X06254	.90	26.56	9.29	56.8	24	35.9	12.3	408	2.52	9.2	.9	10.9	7.0	16.6	.12	.89	.14	41	.18	.039	9.8	27.4	.55	242.8	.022	1	1.78	.005	.07	<.2	.12	42	.5	.03	4.1	<.01
99X06255	.79	24.16	12.62	61.7	43	32.0	14.5	791	3.23	7.8	.6	2.2	8.7	16.6	.21	.67	.17	47	.22	.051	13.9	35.6	.81	540.6	.017	2	2.31	.004	.13	<.2	.11	29	.4	.02	6.3	.01
99X06256	3.87	49.60	13.09	107.3	588	47.4	11.8	422	3.77	12.9	2.1	11.2	8.8	35.7	1.03	1.92	.16	67	.61	.141	44.1	38.2	1.32	1069.4	.013	4	2.57	.008	.21	<.2	.36	531	1.4	.05	7.1	.02
99X06257	2.72	47.52	18.55	139.0	249	31.4	23.0	799	4.01	14.4	1.2	8.6	6.8	28.5	1.86	2.54	.20	102	.43	.098	18.6	38.0	1.30	666.8	.018	3	2.52	.004	.19	<.2	.26	238	1.1	.05	7.7	.03
99X06258	2.68	38.84	11.78	100.1	192	28.4	13.3	510	3.10	8.6	1.3	10.1	2.1	22.5	.43	1.33	.22	69	.18	.116	10.5	30.9	.54	381.0	.026	3	1.72	.003	.14	<.2	.22	138	.9	.07	5.8	.04
99X06259	2.97	59.09	12.05	87.3	297	31.3	13.0	501	2.95	7.6	1.4	8.2	.4	14.1	.60	1.38	.24	55	.08	.084	10.4	26.0	.25	510.3	.016	1	1.39	.003	.10	<.2	.16	178	1.3	.06	6.1	.03
99X06260	2.49	35.03	11.79	72.1	281	21.4	8.6	417	3.16	9.6	1.3	5.2	.4	13.1	.58	1.10	.27	66	.09	.111	10.6	30.0	.30	238.0	.028	2	1.50	.003	.08	<.2	.17	80	.8	.07	6.2	.04
99X06261	1.81	20.02	9.74	62.5	228	30.1	10.6	287	3.10	8.0	.6	4.9	3.8	15.2	.24	.88	.20	72	.11	.031	8.8	32.9	.45	482.2	.037	1	2.19	.006	.07	<.2	.14	81	.6	.05	6.1	.01
99X06262	4.03	70.23	14.59	61.2	212	43.7	12.7	522	5.34	11.9	.6	2.9	4.9	7.0	.20	1.46	.25	101	.04	.041	12.8	49.3	.94	578.7	.013	2	3.50	.003	.09	<.2	.22	66	1.2	.06	9.4	.01
99X06263	6.98	149.35	15.39	198.3	371	43.7	11.4	340	3.92	14.0	1.3	15.3	4.1	33.2	1.04	2.66	.27	77	.31	.058	11.9	35.5	.60	497.9	.014	3	2.01	.005	.17	<.2	.32	138	2.5	.11	6.3	.05
99X06264	4.10	41.18	15.14	108.0	211	30.8	12.9	255	3.68	11.6	1.2	4.7	5.7	30.5	.47	2.19	.18	63	.21	.076	9.5	28.9	.68	305.3	.027	2	1.80	.006	.16	<.2	.25	66	1.2	.05	5.3	.08
99X06265	33.69	111.09	31.56	213.5	191	72.0	28.2	801	7.33	51.1	6.6	10.8	10.6	110.3	.93	5.76	.28	134	.31	.219	15.8	37.2	.90	881.5	.010	4	2.47	.016	.28	<.2	.67	312	4.0	.31	8.7	.15
STANDARD DS	14.22	128.08	32.05	157.3	229	38.6	12.2	811	3.34	58.4	19.4	201.8	3.5	32.0	11.26	11.18	11.22	77	.57	.086	13.3	164.1	.57	145.8	.097	3	1.82	.030	.16	7.7	2.19	254	2.4	1.85	6.1	.03

Standard is STANDARD DS2. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99X06266	5.35	79.73	11.61	188.5	295	30.7	8.0	204	2.86	9.4	.8	6.6	2.9	32.2	1.93	2.46	.27	79	.14	.098	8.7	26.1	.35	466.6	.015	2	1.38	.004	.11	<.2	.14	42	1.5	.08	5.2	.05
99X06267	9.03	93.83	25.63	180.8	252	60.2	21.2	2390	4.52	25.4	1.4	4.2	4.6	65.5	.91	4.17	.46	95	.19	.113	13.7	35.5	.37	1650.7	.015	3	1.95	.010	.23	<.2	.25	92	2.8	.23	6.3	.16
99X06268	4.49	185.81	29.10	355.2	182	98.3	49.6	3237	6.60	14.5	.8	6.2	5.6	29.8	1.63	2.73	.59	109	.09	.108	14.8	61.1	.41	946.9	.010	3	2.51	.005	.17	<.2	.23	53	1.4	.30	8.9	.03
99X06269	2.86	56.98	11.01	108.9	180	41.2	12.2	489	2.93	9.8	.8	4.0	4.9	36.2	.46	1.51	.21	63	.27	.095	10.8	29.5	.52	438.0	.025	3	1.64	.006	.14	<.2	.18	71	1.2	.07	4.9	.04
99X06270	2.09	34.78	8.18	72.1	117	28.0	9.5	369	2.52	8.7	.9	4.8	4.6	34.4	.19	1.11	.16	56	.29	.070	10.1	25.7	.47	442.4	.029	2	1.50	.007	.11	<.2	.12	50	.9	.04	4.5	.03
99X10139	1.35	70.85	9.10	62.4	213	28.4	10.6	365	4.33	6.6	.6	7.1	4.2	12.4	.15	.97	.21	48	.08	.061	5.9	25.1	.36	840.2	.010	2	1.70	.002	.16	<.2	.12	79	1.3	.07	4.9	.02
99X10140	3.62	51.68	10.69	99.3	198	21.2	10.3	181	3.22	9.3	.9	2.3	4.9	14.8	.54	1.47	.20	62	.13	.094	7.7	25.6	.41	614.9	.016	3	1.59	.002	.16	<.2	.21	51	1.3	.04	6.0	.01
99X10141	1.63	32.21	7.12	73.1	267	38.0	11.2	204	3.10	7.9	.9	7.9	4.1	24.0	.39	1.01	.13	64	.37	.067	11.8	35.7	.50	1303.0	.020	2	1.66	.004	.12	<.2	.13	97	.8	.03	5.3	.04
99X10142	1.62	17.14	8.25	92.6	185	26.5	10.3	288	3.74	6.8	.5	.5	3.5	16.1	.67	1.01	.14	80	.20	.040	11.3	28.3	.43	708.3	.019	1	1.59	.005	.08	<.2	.09	18	.4	.02	6.9	.02
99X10143	2.21	38.47	6.73	106.6	290	41.0	12.9	374	2.83	5.8	1.4	6.4	2.3	64.8	.79	1.13	.10	56	1.39	.127	12.4	26.7	.46	1680.2	.007	3	1.45	.004	.12	<.2	.11	336	1.1	.03	4.8	.12
99X10144	4.39	29.03	9.83	56.9	571	22.5	6.0	128	3.56	12.0	.7	5.0	2.3	32.7	.35	1.79	.11	116	.10	.084	10.8	37.5	.28	1002.1	.017	2	1.31	.014	.25	<.2	.30	214	3.3	.07	5.1	.41
99X10145	1.44	22.33	7.96	59.7	138	24.9	9.3	283	3.05	9.2	.8	4.2	3.4	20.5	.27	.89	.17	81	.20	.063	12.3	34.0	.42	969.0	.031	1	1.80	.006	.06	<.2	.11	90	.6	.02	6.2	<.01
99X10146	1.29	25.33	9.53	54.8	186	21.3	7.2	240	2.87	9.7	.8	6.1	2.9	22.8	.15	.73	.19	75	.21	.045	12.0	33.2	.41	1053.3	.037	1	1.86	.008	.05	<.2	.12	104	.5	.04	6.4	.01
99X10147	1.74	22.37	8.78	62.2	219	21.7	10.5	370	3.55	13.4	.4	2.9	3.1	12.4	.13	.94	.35	85	.08	.040	8.5	34.2	.43	477.0	.039	1	1.93	.007	.04	.3	.13	44	.4	.07	7.3	<.01
99X10148	1.62	38.36	11.15	68.8	307	19.5	5.1	155	2.61	9.7	.5	4.5	1.3	55.0	.15	.96	.23	78	.12	.138	8.3	27.3	.23	1172.4	.030	1	1.17	.006	.07	<.2	.12	32	1.7	.10	5.7	.02
99X10149	1.30	30.61	8.09	57.7	208	23.1	7.7	217	3.12	9.4	.5	2.7	3.0	15.1	.15	.89	.18	79	.09	.050	9.5	33.0	.40	1183.4	.032	1	1.72	.005	.06	<.2	.10	40	.5	.04	6.6	.02
99X10150	1.38	33.72	8.67	63.6	276	26.0	10.5	208	3.76	11.2	.4	1.7	3.0	13.7	.10	1.04	.18	77	.07	.049	8.7	34.5	.56	786.3	.032	<1	2.25	.005	.06	<.2	.11	48	.6	.05	7.5	.03
99X10151	1.06	42.21	7.52	61.2	72	25.1	10.1	210	3.51	8.9	.4	3.6	2.7	14.6	.06	1.07	.39	65	.10	.044	8.6	27.3	.43	705.3	.025	1	1.61	.004	.06	.3	.10	20	.4	.07	6.2	.02
99X10152	.68	62.86	9.02	75.7	203	23.2	10.9	349	2.49	4.8	.4	4.9	3.4	20.9	.13	.78	.21	56	.18	.092	7.7	27.5	.33	786.7	.024	<1	1.42	.004	.07	<.2	.09	24	.5	.05	4.8	.01
99X10153	1.41	41.66	11.39	67.0	137	36.2	10.3	215	3.43	15.7	.5	4.0	3.9	13.9	.10	1.33	.23	73	.10	.029	6.4	38.2	.49	461.3	.034	<1	2.31	.007	.06	.2	.09	33	.5	.05	5.9	.01
99X10154	1.07	42.14	13.48	96.7	247	34.5	12.4	423	3.78	14.2	.4	4.0	3.3	16.2	.27	1.30	.28	83	.12	.061	7.6	37.6	.40	696.4	.042	<1	2.11	.005	.07	.2	.14	30	.3	.09	6.9	.03
99X10155	4.65	103.36	13.77	171.8	359	40.3	13.1	337	3.33	12.6	2.0	7.6	3.2	81.4	.43	3.80	.23	106	.45	.192	8.8	34.9	.49	839.5	.029	2	1.78	.007	.16	<.2	.21	109	2.6	.10	5.9	.07
RE 99X10155	4.22	103.73	13.10	171.1	339	38.9	13.2	329	3.32	12.3	1.9	7.2	3.0	78.6	.44	3.75	.22	103	.44	.194	8.4	30.9	.46	800.9	.025	2	1.65	.007	.15	<.2	.19	103	2.5	.11	5.6	.08
99X10156	1.82	50.37	7.83	88.2	585	25.6	8.0	254	2.65	8.8	1.1	18.2	3.9	39.6	.35	1.18	.19	68	.36	.105	8.9	28.3	.50	898.3	.028	2	1.62	.008	.12	<.2	.15	243	1.0	.04	5.2	.01
99X10157	2.08	74.78	10.37	94.4	181	33.1	10.1	203	3.25	13.1	.7	9.9	3.7	21.4	.19	1.27	.21	78	.10	.102	8.1	35.7	.40	408.5	.037	1	1.98	.006	.07	<.2	.12	78	1.5	.09	5.7	<.01
99X11150	.34	16.06	12.02	49.4	53	21.1	11.2	345	2.51	2.4	.6	1.8	8.1	112.4	.08	.18	.13	26	4.78	.094	21.0	29.4	.68	822.3	.010	6	1.91	.003	.20	<.2	.11	93	.2	.02	5.9	.06
99X11151	.21	11.12	7.84	48.0	84	18.2	8.3	302	2.46	1.7	.6	2.3	6.1	155.2	.12	.18	.09	21	6.54	.096	21.6	29.9	.76	676.7	.008	5	1.92	.005	.18	<.2	.10	83	.5	.03	5.5	.09
99X11152	3.77	237.05	15.15	179.7	271	43.2	7.1	126	3.21	12.2	1.5	39.2	3.2	56.6	.34	2.88	.29	69	.05	.081	7.3	28.5	.13	884.1	.009	2	.89	.004	.10	<.2	.22	153	8.2	.17	3.4	.03
99X11153	1.01	61.19	9.01	77.7	73	32.5	13.6	266	2.65	8.6	.6	20.1	4.0	16.2	.26	1.24	.17	48	.17	.082	9.0	27.3	.36	201.0	.036	1	1.48	.005	.06	.2	.10	103	1.5	.05	3.7	.01
99X11154	1.38	48.37	14.10	98.1	161	20.6	14.0	501	3.65	14.4	.6	16.3	2.2	20.0	.19	1.39	.30	74	.08	.157	11.1	29.1	.22	411.4	.027	1	1.33	.004	.07	<.2	.15	108	2.0	.09	6.4	.03
99X11155	2.64	22.96	7.96	162.7	601	49.0	19.0	721	4.20	11.4	.8	2.8	3.2	40.2	.98	2.57	.15	107	.74	.164	20.5	40.0	.40	2457.8	.011	2	2.22	.005	.09	<.2	.29	193	1.1	.04	6.2	.04
99X11156	1.69	34.72	12.05	77.0	131	18.3	8.9	404	3.92	12.0	.5	6.4	2.1	25.7	.18	1.40	.26	68	.17	.169	16.0	22.4	.18	617.6	.024	1	1.07	.004	.08	<.2	.14	100	1.1	.06	6.0	.04
99X11157	1.39	55.00	11.43	47.7	377	20.4	6.9	208	2.23	10.5	1.2	17.1	.3	30.7	.38	1.16	.28	55	.11	.100	11.4	29.7	.19	685.9	.018	1	1.14	.010	.07	<.2	.21	560	1.0	.06	5.2	.05
99X11158	4.15	43.65	7.46	94.5	424	45.8	20.1	387	4.64	8.9	.7	3.3	2.8	49.2	.45	1.77	.10	158	.22	.090	13.7	57.1	.44	1479.2	.009	3	2.26	.053	.19	<.2	.29	59	1.2	.06	6.9	.40
STANDARD DS2	14.90	131.54	31.18	156.9	232	38.7	12.6	811	3.37	64.4	20.1	197.4	3.9	33.1	11.35	10.56	11.00	78	.59	.087	12.9	169.7	.58	151.6	.102	1	1.88	.038	.16	7.6	2.16	247	2.5	1.88	6.4	.03

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99X11159	5.00	107.44	65.83	165.0	712	88.5	19.4	511	6.75	44.8	1.2	1.9	3.4	100.3	.29	4.72	.53	98	.04	.137	12.3	26.4	.07	598.7	.013	2	.87	.018	.21	<.2	.13	110	3.8	.58	5.0	.31
99X11160	3.88	48.31	7.25	103.1	575	52.0	14.4	344	4.15	10.1	.9	3.0	3.0	56.5	.74	1.85	.09	139	.44	.102	16.5	59.5	.47	1278.4	.016	2	1.70	.057	.14	<.2	.24	221	1.5	.05	6.8	.26
RE 99X11160	4.21	49.37	8.14	105.3	652	50.0	15.0	340	4.19	10.5	1.0	6.7	3.2	59.7	.79	2.00	.09	142	.45	.105	18.0	64.5	.51	1410.8	.017	3	1.82	.061	.16	<.2	.27	236	1.7	.05	7.6	.29

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data FA

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 3.2/#24 File # 9902569 Page 1

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
2700E 6550N	4.60	58.84	16.67	168.4	277	61.4	26.7	834	3.88	9.8	1.6	5.9	4.7	15.1	.51	2.00	.36	34	.27	.049	8.2	20.5	.45	395.4	.014	3	1.26	.006	.17	<.2	.22	162	1.2	.08	4.3	.05
2700E 6525N	4.12	24.28	9.34	85.9	125	22.2	8.4	185	1.95	5.9	.8	3.4	2.1	11.4	.15	1.10	.26	35	.11	.039	7.3	14.5	.21	270.1	.014	2	.82	.002	.10	<.2	.19	93	.6	.09	4.6	.04
2700E 6500N	9.75	87.78	15.11	210.0	658	109.9	24.9	398	4.19	13.7	2.3	13.9	7.5	27.5	.70	3.34	.33	32	.45	.054	9.1	19.9	.55	628.5	.015	3	1.54	.007	.17	<.2	.35	681	1.7	.14	3.6	.06
2700E 6475N	5.26	82.60	11.71	318.3	123	57.8	27.6	998	5.58	9.0	1.8	7.6	3.5	26.7	.72	2.47	.29	35	.16	.071	6.1	9.3	17	820.1	.003	1	1.18	.005	.08	<.2	.14	148	1.1	.09	2.8	.07
2700E 6450N	3.77	93.53	10.16	98.0	100	42.4	13.8	362	4.67	8.0	.4	1.2	1.5	23.0	.35	1.30	.35	56	.04	.089	5.9	7.3	.05	252.5	.020	2	.75	.008	.11	<.2	.10	74	.8	.28	4.7	.15
2700E 6425N	9.55	191.87	53.77	31.9	947	26.6	8.2	559	6.66	88.6	10.4	19.6	8.6	202.6	.48	8.19	.50	81	.11	.211	17.5	25.6	.07	195.1	.003	3	.89	.019	.41	<.2	.43	1203	8.7	.70	3.2	1.44
2700E 6375N	19.17	70.21	10.89	235.3	1013	72.0	14.1	291	2.79	12.6	3.8	14.3	4.5	80.7	1.37	5.24	.24	84	1.46	.058	5.2	12.5	.48	625.5	.006	3	.87	.006	.10	<.2	.30	641	4.0	.13	2.6	.10
2700E 6350N	5.18	55.96	15.30	171.0	307	35.0	23.3	1088	4.49	8.0	1.0	2.2	2.4	29.5	.69	1.69	.33	58	.16	.063	6.7	18.8	.20	412.7	.014	2	1.30	.006	.13	<.2	.15	61	1.1	.13	5.5	.11
2700E 6325N	4.59	91.20	14.89	201.4	610	86.8	30.2	441	3.72	10.1	2.1	11.5	4.6	69.3	2.07	4.06	.28	30	1.00	.047	6.0	9.2	.56	467.7	.003	4	.84	.006	.14	<.2	.20	543	5.3	.09	2.2	.17
2700E 6300N	9.42	85.96	28.53	173.6	353	48.4	31.9	3373	6.50	22.4	2.3	7.4	4.1	72.0	.46	3.60	.45	54	.33	.138	7.5	16.4	.22	596.7	.004	4	.94	.013	.28	<.2	.24	253	3.4	.30	3.2	.50
2800E 6625N	14.96	167.10	40.00	151.5	2921	55.9	2.5	110	1.94	37.6	14.9	7.4	3.2	408.5	10.19	13.21	.46	142	.82	.471	9.5	33.2	.04	1180.5	.003	4	.66	.008	.14	.3	.71	971	8.4	.55	2.1	.31
2800E 6600N	14.06	307.60	20.48	1029.6	390	174.2	27.7	643	9.13	18.1	6.0	22.0	3.7	29.7	2.08	6.46	.58	101	.03	.082	4.8	38.0	.12	215.6	.010	1	1.93	.008	.07	<.2	.15	231	8.4	.28	3.6	.06
2800E 6575N	35.65	330.60	16.04	1222.1	1768	226.3	12.6	447	4.03	19.4	9.4	18.0	6.3	91.2	9.79	20.12	.19	241	1.44	.305	16.9	26.0	.39	561.4	.003	3	1.26	.003	.11	<.2	.29	870	10.0	.15	1.5	.07
2800E 6550N	15.55	83.70	27.19	146.6	3546	24.0	1.1	36	3.52	51.0	9.9	9.6	.7	211.6	2.54	6.67	.25	467	.39	.374	8.0	68.4	.03	482.8	.008	5	.36	.007	.33	.2	.55	1739	11.6	.38	2.9	.92
2800E 6525N	14.21	68.91	11.75	262.4	611	67.1	15.2	305	3.38	12.9	3.0	7.0	3.9	52.2	1.91	4.63	.27	74	.36	.055	7.0	13.4	.20	529.2	.006	2	.85	.005	.13	<.2	.32	267	3.0	.12	3.4	.09
2800E 6500N	7.52	71.54	14.45	286.4	281	56.1	34.6	1007	4.35	9.1	1.6	11.7	5.2	37.1	.57	2.61	.46	30	.26	.069	5.7	11.9	.18	307.7	.003	1	.73	.005	.12	.2	.24	225	1.2	.12	2.4	.06
2800E 6425N	4.33	149.59	13.97	82.7	62	9.7	5.9	106	8.07	11.3	.8	4.6	12.7	11.3	.22	1.69	.46	19	.01	.062	8.7	19.0	.13	703.2	.006	1	1.34	.004	.13	<.2	.10	133	1.4	.34	4.5	.10
2800E 6400N	49.92	89.59	16.00	282.9	668	113.1	20.7	819	3.81	18.6	7.6	7.8	3.2	56.2	3.10	5.86	.32	127	.62	.100	8.5	18.3	.35	748.7	.009	3	1.11	.005	.14	<.2	.93	626	3.0	.16	3.6	.09
2800E 6375N	3.35	89.83	12.45	155.2	400	35.2	23.9	1049	3.74	6.5	1.5	6.3	1.8	50.6	.98	1.47	.29	35	.78	.098	6.0	17.3	.33	529.6	.010	2	.92	.007	.13	<.2	.13	165	1.0	.10	4.3	.13
2800E 6325N	7.27	140.10	15.90	288.2	316	72.3	38.1	1267	6.93	10.5	2.8	34.1	8.4	87.6	.36	2.52	.33	28	.42	.057	8.5	23.3	.50	819.4	.004	1	1.79	.022	.27	<.2	.23	415	1.7	.12	4.7	.39
2800E 6300N	4.75	91.50	21.82	110.9	120	44.3	25.1	495	5.19	9.3	.9	2.0	5.9	21.1	.29	1.41	.39	28	.04	.074	9.2	16.4	.19	265.4	.003	2	2.19	.004	.19	<.2	.14	75	.8	.16	4.8	.17
RE 4000E 5725N	14.66	128.95	13.80	547.8	2339	77.0	6.8	279	2.14	21.8	8.8	8.8	3.1	161.1	6.70	12.12	.23	275	1.03	.271	10.3	37.3	.19	932.2	.008	6	.82	.010	.16	.2	.57	966	6.2	.21	3.0	.18
4000E 5775N	4.98	170.31	26.72	193.5	553	31.3	7.3	107	10.12	40.0	.8	3.3	4.0	109.9	.60	3.14	.66	74	.03	.136	4.6	29.2	.06	494.8	.014	<1	.95	.019	.31	<.2	.40	115	4.6	.34	5.3	.59
4000E 5750N	4.25	168.39	18.89	279.4	151	51.8	18.0	302	4.57	13.8	1.3	47.1	5.7	20.8	1.31	3.85	.46	70	.07	.061	7.2	26.7	.26	275.0	.021	1	1.56	.010	.11	<.2	.20	66	1.7	.30	4.0	.06
4000E 5725N	14.69	128.75	16.07	545.1	2394	79.2	7.0	280	2.13	21.9	8.5	9.4	3.3	152.1	6.45	12.04	.25	283	1.02	.270	9.8	37.9	.18	911.5	.008	5	.81	.010	.16	<.2	.63	941	6.3	.26	3.1	.21
4000E 5625N	5.68	112.19	21.85	254.5	692	39.8	14.4	538	6.56	18.3	1.8	7.6	2.2	75.1	.52	4.85	.56	93	.08	.088	3.9	20.8	.06	516.2	.020	<1	.56	.007	.24	<.2	.40	104	3.4	.23	3.7	.57
4000E 5600N	3.03	134.81	16.55	416.6	162	55.5	26.2	1336	7.84	14.3	1.8	7.5	1.8	49.2	.95	3.75	.43	82	.06	.087	6.5	23.2	.12	560.4	.037	<1	1.19	.008	.16	<.2	.19	110	1.5	.18	5.3	.36
4000E 5575N	1.25	105.40	23.25	365.9	64	56.4	30.2	845	4.89	10.2	.9	3.5	.6	10.5	.27	1.58	.87	40	.02	.080	2.5	16.3	.08	1313.1	.010	2	.64	.004	.10	<.2	.09	57	.9	.31	3.7	.12
4000E 5550N	1.37	204.38	31.66	546.4	806	99.5	24.3	739	8.96	22.7	3.0	45.9	5.8	27.2	.49	3.89	.51	43	.03	.965	8.2	20.3	.06	1019.5	.007	<1	.63	.002	.12	<.2	.30	716	2.1	.42	2.2	.12
4000E 5525N	2.22	190.21	9.88	120.2	460	18.6	3.7	58	4.90	13.2	1.0	11.6	3.5	9.7	.24	2.48	.41	40	.02	.042	4.5	16.7	.06	256.7	.011	1	.74	.006	.07	<.2	.11	64	1.2	.26	3.0	.06
4000E 5475N	2.43	181.77	47.81	245.0	1470	147.9	28.3	834	10.32	44.6	1.7	9.3	4.2	125.8	.26	3.48	.66	74	.02	.100	3.9	22.5	.05	234.7	.006	<1	1.18	.023	.75	<.2	.84	315	7.1	.30	3.5	1.36
4000E 5450N	1.31	297.61	29.55	265.9	139	121.5	59.9	1541	7.33	6.9	.6	10.4	3.9	24.4	.92	1.04	96	43	.11	.045	4.0	24.5	.12	775.0	.010	1	1.97	.009	.12	<.2	.10	70	.8	.33	3.2	.01
4000E 3850N	2.09	162.14	21.02	233.8	130	109.1	42.6	624	5.85	20.2	1.1	9.1	2.5	11.8	.52	2.35	.55	44	.03	.065	3.0	20.9	.15	611.4	.009	3	1.11	.007	.14	<.2	.14	41	1.1	.19	3.6	.08
4100E 5900N	21.42	246.49	18.34	235.5	6048	82.1	5.9	178	3.21	31.4	34.3	7.0	4.8	306.4	1.99	13.46	.20	620	1.34	.749	18.4	65.6	.08	1086.6	.004	5	1.14	.012	.17	<.2	.40	584	10.9	.42	3.3	.45
STANDARD OS2	13.65	124.53	26.24	151.0	223	33.9	13.0	814	3.33	66.3	20.8	199.1	4.1	31.1	11.67	10.53	10.71	84	.54	.081	12.3	154.9	.53	136.9	.111	2	1.72	.031	.16	8.3	2.04	249	2.4	1.92	6.0	.04

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: SOIL Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 29 1999 **DATE REPORT MAILED:** Aug 9/99 **SIGNED BY** ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
4100E 5875N	64	94	91.84	24.14	156.0	9484	36.8	1.8	22	7.94	185.1	5.7	18.8	3.4	232.3	.30	23.82	.44	678	.03	.165	6.8	55.5	.06	69.0	.003	2	.76	.034	.75	<.2	2.69	493	23.4	.54	4.7	1.79
4100E 5850N	1	78	118	19	19.93	363.0	183	107.0	23.8	369	4.91	39.7	1.8	11.4	6.5	42.0	1.87	2.29	.53	36	.03	.061	11.7	19.3	.20	490.0	.011	3	1.11	.006	.20	<.2	.20	63	3.1	.15	3.1	.19
4100E 5825N	1	90	271.25	27.07	250.9	208	106.4	16.6	255	7.46	17.3	6.8	30.4	6.7	96.4	1.55	2.21	.47	63	.08	.077	11.9	48.3	.27	509.5	.030	2	2.62	.007	.12	<.2	.18	149	2.2	.25	4.4	.07
4100E 5800N	1	41	41.30	9.57	91.2	125	32.3	9.5	296	2.76	11.7	8	10.4	4.3	19.3	.61	1.29	.18	51	.06	.023	9.7	25.8	.35	196.1	.049	1	1.17	.007	.08	<.2	.10	34	1.0	.07	3.4	.07
4100E 5775N	1	56	106.84	14.39	155.4	79	56.5	13.2	423	3.53	12.2	1.6	27.6	5.9	21.6	1.43	1.19	.40	55	.18	.034	12.9	33.2	.54	406.6	.069	2	1.95	.009	.12	.2	16	40	.9	.10	4.9	<.01
4100E 5750N	21	16	228.61	12.82	435.2	1914	138.5	24.0	681	4.81	14.7	3.1	40.1	5.3	79.3	3.71	4.58	.18	81	1.29	.173	16.2	29.9	.36	1103.5	.002	11	1.10	.004	.34	<.2	.68	1398	5.5	.16	3.0	.09
RE 4100E 5775N	1	67	108.31	15.47	154.0	94	57.0	13.2	423	3.56	13.0	1.7	27.3	6.3	21.1	1.54	1.38	.31	54	.17	.034	13.0	33.7	.53	403.7	.065	2	1.90	.009	.13	< 2	.15	40	1.1	.09	5.1	.05
STANDARD OS2	14	38	128.41	32.63	159.7	252	36.0	13.1	817	3.24	60.1	22.6	185.3	3.7	31.8	11.29	9.86	11.39	74	.57	.084	13.6	153.9	.54	132.1	.110	2	1.69	.037	.17	7.5	1.96	257	2.2	1.84	6.1	.02

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data FA

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.)
852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 3.2/#24 File # 9902570

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99R02046	.36	37.73	4.02	67.3	123	12.3	3.7	133	1.58	1.4	.2	1.9	.6	6.9	.03	.37	.08	13	.01	.005	.5	14.8	.03	396.6	<.001	5	.19	.009	.11	3.2	.02	94	.5	.06	1.0	.03
99R02047	.42	42.59	3.29	84.5	108	17.5	4.1	129	1.77	.9	.2	1.8	.6	5.5	.08	.27	.09	13	.01	.007	.7	16.0	.03	321.1	<.001	4	.20	.002	.12	3.4	.02	69	.4	.04	1.1	.04
99R02048	.61	56.99	3.08	39.8	79	8.1	1.6	58	1.22	1.0	.2	7.5	.5	5.5	.30	.42	.07	13	.01	.005	<.5	21.7	.03	442.0	<.001	5	.24	.004	.11	4.3	.02	131	.9	.05	1.1	.03
RE 99R02048	.58	57.89	4.49	39.0	81	7.8	1.6	62	1.24	1.0	.2	8.9	.6	5.8	.35	.43	.08	12	.01	.005	<.5	21.7	.03	439.3	<.001	5	.24	.002	.11	4.7	.02	140	1.0	.05	1.1	.03

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: ROCK Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 29 1999 DATE REPORT MAILED: Aug 10/99 SIGNED BY. C. Leong .D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data FA

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 3.3/#24 File # 9902593 Page 1

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
5200E 7900N	1.66	54.52	12.30	187.0	25	33.7	21.2	528	3.39	7.0	1.3	7.9	5.4	11.5	.44	1.66	.25	50	.07	.117	9.9	30.2	.84	313.0	.013	5	2.24	.006	.33	<.2	.26	48	1.2	.04	6.4	.02
5200E 7875N	1.65	45.15	13.93	103.2	29	31.8	17.6	239	3.44	5.0	1.4	7.9	10.3	20.8	.29	.94	.20	43	.24	.047	18.5	35.2	1.17	1920.0	.010	9	2.79	.006	.38	<.2	.25	123	.8	.03	8.3	<.01
5200E 7850N	12.34	136.39	49.44	204.0	380	81.5	32.3	5447	6.31	81.3	6.0	7.8	4.4	120.4	1.16	8.63	.62	95	.14	.217	20.1	35.9	.29	1715.0	.014	4	1.98	.010	.33	<.2	.32	283	4.6	.41	6.3	.32
5200E 7825N	31.69	133.56	49.86	27.0	7719	16.0	2.2	120	6.04	29.1	9.6	15.4	3.0	895.4	.67	3.65	.74	150	.16	.491	10.6	65.2	.08	316.8	.005	4	1.54	.022	.65	.2	1.32	732	31.2	1.04	4.3	1.53
5200E 7800N	8.21	68.44	40.91	129.5	1260	55.9	8.5	257	6.99	94.0	1.5	22.3	2.4	179.8	.47	6.28	.63	166	.06	.102	4.6	46.5	.09	319.6	.007	2	.89	.033	.44	<.2	.75	743	27.2	.42	5.8	.99
5200E 7775N	1.64	116.01	16.38	95.5	98	35.6	12.7	683	5.33	10.7	.6	4.4	3.4	15.6	.23	1.22	.38	62	.04	.077	5.9	36.8	.31	351.7	.025	2	1.87	.008	.16	<.2	.10	77	1.5	.08	6.6	.05
5200E 7750N	2.09	53.78	14.71	79.4	360	26.2	12.6	384	3.70	11.8	.6	11.0	3.2	24.8	.31	1.46	.27	67	.07	.071	7.8	40.5	.38	192.9	.040	1	2.47	.011	.09	<.2	.13	91	1.4	.09	5.4	.06
5200E 7725N	3.32	102.63	12.33	124.5	180	30.5	10.9	206	3.30	8.8	.7	13.1	3.5	30.6	.40	1.84	.25	66	.04	.047	6.3	31.2	.40	277.6	.024	3	1.49	.004	.19	<.2	.19	147	2.6	.10	4.8	.07
5200E 7700N	2.11	139.63	13.24	101.8	46	23.9	11.3	299	3.40	6.7	.7	16.6	1.2	25.9	.29	1.25	.28	46	.09	.072	5.9	31.2	.55	206.3	.014	1	1.58	.003	.09	<.2	.09	80	1.5	.12	4.7	.05
5300E 7925N	3.94	84.35	12.77	143.4	85	33.7	13.5	209	3.17	11.2	2.3	8.9	8.0	37.7	.71	1.88	.19	57	.25	.087	18.2	30.7	.81	1054.8	.018	5	2.05	.008	.29	<.2	.29	109	1.6	.05	6.1	.05
5300E 7900N	5.71	53.22	15.40	111.7	88	36.0	15.7	378	4.76	11.2	1.6	5.2	9.1	16.6	.58	2.67	.29	88	.20	.135	16.6	41.8	1.52	748.9	.013	12	3.27	.008	.44	<.2	.40	190	1.8	.05	8.6	.01
5300E 7875N	22.48	208.37	21.37	475.6	795	75.5	19.9	420	4.62	36.2	9.4	14.0	9.2	195.8	2.46	7.72	.26	283	1.39	.546	33.9	47.0	.94	1088.6	.011	13	2.69	.021	.56	<.2	.77	513	9.0	.21	7.7	.20
5300E 7850N	11.41	183.43	37.50	43.7	2386	24.4	2.4	90	4.52	79.6	34.9	7.3	3.4	799.8	1.34	7.16	.27	609	2.91	2.283	32.9	154.8	.12	516.6	.010	8	1.64	.019	.37	.4	.41	849	38.2	.84	9.4	.57
5300E 7825N	1.94	81.72	19.86	178.9	181	72.0	32.4	2240	4.44	14.3	1.3	4.3	3.1	76.3	1.36	1.36	.33	97	.13	.206	6.6	47.8	.43	392.6	.016	3	2.10	.007	.15	<.2	.12	62	1.5	.13	4.8	.02
5300E 7800N	2.44	116.70	19.22	144.4	250	91.5	19.6	424	4.39	12.0	1.4	17.9	3.5	227.2	1.23	2.11	.39	156	.03	.112	4.8	54.1	.21	524.2	.006	1	2.36	.004	.12	<.2	.29	126	2.6	.21	3.2	.09
5300E 7775N	1.08	90.72	21.03	120.6	233	28.4	15.7	1560	4.63	3.9	1.0	7.2	1.4	13.9	1.00	.68	.30	73	.19	.147	12.5	38.0	.45	863.1	.017	3	2.41	.006	.16	<.2	.10	67	.6	.10	8.1	.05
5300E 7725N	1.48	78.49	16.23	109.6	126	28.6	17.1	353	4.16	7.1	.8	2.0	5.4	40.2	.39	.93	.55	131	.20	.165	6.1	42.5	1.76	497.9	.030	10	3.16	.009	.47	.3	.26	135	.9	.12	8.9	<.01
5300E 7700N	10.87	72.69	16.53	183.9	138	43.0	20.1	511	4.24	23.1	3.1	9.2	5.1	45.8	1.23	5.03	.24	87	.23	.219	10.5	32.6	.61	324.1	.028	3	2.04	.009	.19	<.2	.43	223	3.8	.09	5.2	.06
5300E 7675N	17.83	168.78	23.73	298.3	786	64.2	24.6	558	5.50	33.3	7.1	29.2	6.1	77.4	1.79	5.96	.26	139	.41	.416	15.5	42.2	.82	981.0	.017	5	2.83	.011	.29	<.2	.79	747	6.5	.15	6.7	.10
5350E 7275N	18.69	335.13	31.10	440.6	669	89.3	33.5	752	7.45	30.5	6.2	32.2	9.4	166.4	2.03	6.52	.44	153	.81	.437	19.6	37.7	.83	1248.1	.011	6	2.37	.009	.39	<.2	.57	349	5.2	.26	6.6	.07
5350E 7250N	25.19	392.55	24.99	412.8	489	113.8	19.3	678	5.04	18.3	3.7	49.9	5.0	170.9	1.18	6.89	.42	91	.06	.218	10.7	35.8	.09	3522.2	.004	2	1.78	.006	.09	<.2	.52	341	6.0	.34	2.9	.03
5350E 7225N	7.58	380.80	58.04	34.7	462	80.9	21.4	581	7.32	29.4	1.3	47.9	4.4	73.1	.23	12.57	1.16	69	.02	.090	6.6	40.7	.07	628.4	.015	2	1.51	.006	.14	<.2	.36	357	7.7	1.02	3.0	.15
5350E 7200N	7.78	103.89	21.56	218.5	322	56.4	24.6	515	5.09	17.5	4.0	8.7	9.3	99.2	1.18	3.62	.23	81	.34	.166	14.5	34.7	.96	949.3	.010	3	2.40	.008	.27	<.2	.27	244	3.9	.09	6.2	.09
RE 5350E 7200N	7.47	99.76	20.81	209.5	301	49.1	23.2	504	4.86	16.7	3.7	8.8	8.6	97.1	1.12	3.59	.21	78	.32	.158	14.0	30.9	.90	893.3	.009	4	2.25	.006	.27	<.2	.26	236	3.6	.08	6.0	.09
5350E 7175N	4.61	61.67	21.87	129.6	113	39.8	20.9	299	4.21	7.1	2.1	6.7	9.2	44.0	.70	3.87	3.31	106	.45	.084	25.0	51.1	3.08	1335.9	.055	6	4.19	.017	.83	<.2	.64	37	2.1	.10	12.0	.10
5400E 7950N	2.21	100.54	20.83	121.2	150	41.2	22.9	576	4.40	15.5	.8	38.1	2.0	12.4	.70	1.82	.58	93	.08	.074	8.3	55.3	.55	894.0	.035	1	2.70	.008	.07	<.2	.17	68	1.8	.19	9.0	.03
5400E 7900N	11.90	106.92	18.69	250.1	236	55.7	24.3	476	4.52	21.4	3.1	10.6	6.8	64.6	.98	4.85	.75	120	.29	.259	9.2	39.4	.75	718.1	.016	4	2.72	.008	.26	<.2	.43	237	5.0	.10	7.1	.08
5400E 7875N	3.18	43.28	12.18	87.8	452	24.2	10.8	378	2.99	9.6	1.9	6.3	3.1	37.7	.71	1.64	.19	80	1.01	.109	21.1	31.6	.89	1577.8	.013	3	2.26	.010	.13	<.2	.23	291	1.5	.04	6.6	.06
5400E 7850N	8.75	124.15	15.50	360.3	549	74.3	20.1	1085	5.07	15.7	1.9	19.5	3.6	24.5	2.00	2.81	.22	108	.06	.137	7.5	30.0	.36	379.6	.013	3	2.14	.005	.14	<.2	.27	153	2.6	.11	5.5	.03
5400E 7825N	8.92	77.96	18.90	204.5	696	67.7	17.9	725	5.52	30.9	2.2	9.8	3.5	62.3	1.89	3.63	.29	135	.07	.117	6.8	45.9	.33	541.1	.019	3	2.05	.014	.16	<.2	.31	135	3.7	.17	5.2	.20
5400E 7800N	8.27	86.29	20.93	179.8	751	47.8	11.7	645	3.91	19.2	3.1	6.9	2.3	98.4	1.35	3.33	.31	134	.23	.213	9.8	34.6	.42	900.4	.019	3	1.85	.009	.27	<.2	.33	157	3.5	.18	5.6	.29
5400E 7775N	5.10	183.13	20.29	123.3	280	20.6	5.2	121	3.04	11.9	1.2	15.9	.1	29.8	.21	2.43	.43	99	.04	.181	5.8	29.3	.10	219.9	.014	2	.90	.006	.09	<.2	.17	220	2.6	.18	7.2	.08
5400E 7750N	24.10	299.73	28.95	357.3	1498	57.9	10.5	174	5.15	35.7	14.1	45.1	5.5	370.3	1.29	8.16	.50	237	1.10	.803	19.9	50.0	1.41	774.3	.013	6	2.86	.015	.45	<.2	.89	839	10.1	.28	8.6	.37
5400E 7725N	15.44	116.69	12.87	236.2	433	49.2	14.1	300	3.82	24.9	4.7	24.2	3.8	74.3	1.69	5.20	.19	98	.46	.216	14.2	28.6	.51	817.8	.031	3	1.56	.018	.17	<.2	.64	628	3.7	.08	4.7	.12
STANDARD OS2	14.02	131.15	29.88	157.0	221	36.5	13.0	821	3.39	64.2	20.5	196.9	3.6	33.2	11.53	10.71	10.87	78	.58	.088	12.9	169.3	.59	153.7	.101	2	1.91	.040	.16	7.2	2.13	244	2.6	1.90	6.2	.03

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: SOIL Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 29 1999 **DATE REPORT MAILED:** Aug 5/99 **SIGNED BY** ..D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data A FA

ACME ANALYTICAL

International Kodiak Resources Inc. PROJECT AREA 3.3/#24 FILE # 9902593 Page 2

ACME ANALYTICAL

SAMPLE #	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Sc ppm	Te ppm	Ga ppm	S %
5400E 7700N	5.66	73.48	12.39	129.7	109	33.9	13.9	407	3.38	16.1	2.3	15.1	6.6	42.7	.71	2.30	.29	64	.26	.127	14.5	31.4	.54	379.1	.046	2	1.70	.018	.12	.3	.33	350	1.9	.07	4.5	.08
5400E 7675N	9.41	122.20	15.80	221.8	702	51.1	16.3	548	4.01	18.8	3.9	17.6	3.1	72.9	1.62	4.27	.26	102	.52	.227	14.9	37.5	.77	1068.1	.033	4	2.11	.015	.21	<.2	.47	367	2.5	.09	6.2	.07
5400E 7650N	7.60	155.19	28.40	271.4	542	70.9	41.5	710	5.58	17.4	3.8	18.0	8.3	81.1	1.79	3.97	.26	77	.39	.177	13.4	33.6	.64	922.3	.014	4	1.91	.008	.32	<.2	.41	338	6.1	.09	6.4	.08
5400E 7625N	4.96	62.49	17.16	118.6	590	29.0	10.5	413	3.71	11.2	2.9	10.6	2.0	77.9	1.48	2.54	.46	76	.93	.117	26.7	28.6	.64	1060.0	.012	4	1.78	.011	.15	<.2	.26	292	1.8	.08	6.3	.06
5400E 7600N	6.11	33.87	20.01	105.4	220	17.1	9.1	438	3.67	11.6	1.5	3.4	1.8	52.6	.77	2.52	.36	82	.54	.095	16.1	23.8	.40	553.1	.043	1	1.27	.011	.10	<.2	.21	92	1.5	.05	7.4	.06
5400E 7575N	6.71	148.11	24.79	325.5	1727	57.0	17.5	552	6.47	18.8	2.2	41.8	12.5	315.1	2.33	4.50	.24	84	1.60	.128	35.4	27.1	1.01	1889.1	.003	2	1.47	.006	.14	<.2	.41	716	3.9	.11	3.8	.05
5400E 7550N	8.10	74.49	24.21	184.7	224	43.0	21.4	490	5.61	20.4	2.4	6.3	8.8	42.9	1.23	4.49	.78	114	.28	.105	21.7	37.8	1.02	553.1	.015	4	2.44	.013	.28	<.2	.32	75	3.7	.09	7.0	.10
5450E 7250N	6.08	62.04	15.74	159.9	648	47.5	16.5	454	3.51	13.1	2.5	12.8	6.5	44.4	1.77	2.46	.20	72	.68	.186	23.4	33.8	1.44	652.1	.009	5	2.46	.015	.20	<.2	.32	472	1.9	.06	6.6	.06
5450E 7225N	10.90	80.96	15.04	182.5	392	45.1	16.6	517	3.65	16.6	3.9	13.1	5.3	59.6	1.15	3.84	.17	71	.33	.175	13.0	25.3	.61	693.5	.019	3	1.55	.010	.22	<.2	.38	289	2.3	.05	4.4	.15
5450E 7200N	1.82	44.46	20.78	102.9	136	29.5	15.7	413	3.91	7.4	.9	6.6	9.3	24.8	.34	1.15	.22	46	.10	.155	13.9	35.4	.89	553.9	.011	6	2.54	.011	.30	<.2	.18	130	1.5	.04	6.3	.05
5450E 7175N	2.91	58.08	20.45	131.2	70	36.2	23.4	501	4.73	9.5	1.5	4.9	12.8	63.9	.71	1.28	.20	42	.09	.105	19.0	31.0	.81	829.3	.011	5	1.98	.016	.31	<.2	.22	142	1.9	.04	6.3	.10
5450E 7150N	4.52	92.54	19.93	129.3	150	41.2	19.8	598	4.68	11.5	2.5	18.6	14.4	46.8	.64	2.63	.20	71	.54	.134	23.5	38.6	1.64	544.9	.005	4	2.58	.010	.20	<.2	.30	199	2.1	.05	7.0	.05
5500E 8100N	2.40	120.19	12.26	101.0	283	37.6	7.1	325	2.78	11.4	2.4	7.3	.2	35.3	4.00	1.09	.49	61	.19	.078	9.7	28.6	.20	966.6	.019	1	1.40	.015	.06	.6	.14	115	1.1	.13	5.1	.07
5500E 8075N	2.08	49.14	15.43	110.4	77	31.4	12.1	799	4.75	14.3	.8	3.2	1.5	12.0	.67	1.29	.35	79	.06	.082	8.4	33.9	.25	171.1	.045	1	1.64	.006	.05	.3	.12	46	.8	.10	7.3	.03
5500E 8050N	3.05	110.76	16.77	378.3	88	113.0	24.7	1144	5.66	11.7	2.5	6.1	3.2	23.7	1.51	1.32	.36	63	.06	.097	7.7	33.8	.35	261.0	.028	2	2.46	.008	.08	<.2	.12	69	1.6	.12	6.6	.07
5500E 8025N	1.53	51.86	16.44	108.5	125	29.2	11.8	653	4.22	11.9	.7	5.8	2.2	11.2	.38	1.22	.31	71	.09	.085	7.8	36.5	.33	166.8	.039	1	1.69	.011	.06	.2	.11	65	.9	.09	6.1	.03
RE 5500E 8025N	1.53	49.00	16.65	104.7	128	28.1	11.1	626	4.06	11.7	.6	8.0	2.2	11.5	.38	1.24	.30	69	.09	.083	8.0	36.1	.33	164.7	.039	1	1.67	.010	.05	.3	.11	70	1.0	.09	6.3	.04
5500E 8000N	1.31	77.42	18.47	153.4	89	49.3	16.6	536	3.84	10.7	1.0	15.8	4.0	13.6	.51	1.41	.27	51	.11	.047	10.2	33.7	.45	278.5	.037	1	1.62	.007	.05	.2	.10	46	1.2	.12	4.5	.02
5500E 7975N	2.09	64.16	14.17	140.8	69	32.6	12.0	449	4.46	10.5	.7	14.8	4.1	12.8	.29	1.45	.26	70	.08	.055	7.6	35.4	.35	150.6	.050	1	1.72	.009	.06	.3	.16	58	1.1	.08	5.8	.02
5500E 7950N	4.67	140.52	18.33	190.9	761	37.2	13.0	412	5.60	12.6	.6	13.3	3.0	8.3	.64	2.61	.38	84	.04	.080	5.9	41.4	.25	339.0	.017	2	1.89	.006	.10	<.2	.30	110	1.9	.21	7.2	.04
5500E 7925N	2.57	65.01	12.66	105.7	183	37.9	11.6	317	3.59	12.0	.7	7.2	5.0	13.5	.31	1.37	.24	72	.08	.045	8.0	37.5	.52	295.2	.040	1	2.22	.009	.08	<.2	.15	55	.8	.07	5.6	.03
5500E 7900N	3.94	119.18	11.86	135.0	333	44.0	17.3	450	3.33	10.9	1.2	35.7	6.6	15.5	.54	1.90	.22	64	.08	.066	8.9	35.0	.54	317.6	.027	2	1.94	.011	.12	<.2	.24	112	2.0	.07	4.5	.04
5500E 7875N	8.24	195.25	16.31	239.6	191	54.0	18.1	441	4.53	14.9	1.2	20.5	5.0	28.0	.81	3.70	.27	103	.09	.130	6.6	35.5	.58	767.1	.007	3	1.99	.007	.15	<.2	.39	132	4.1	.12	5.9	.03
5500E 7850N	1.95	46.95	9.79	112.4	95	33.5	11.3	365	2.73	8.7	1.2	11.9	4.8	19.2	.33	1.25	.16	52	.19	.068	10.2	27.3	.47	288.8	.037	1	1.40	.011	.06	.2	.12	67	1.0	.04	3.8	.01
5500E 7825N	2.91	90.33	11.83	205.3	134	60.0	15.1	498	5.15	29.2	3.0	21.2	6.1	45.0	.66	2.40	.21	99	.16	.114	10.4	47.0	.46	488.1	.038	1	1.82	.013	.09	.2	.14	91	1.3	.07	4.7	.09
5500E 7800N	9.26	195.48	17.18	288.9	406	75.5	16.5	838	4.28	17.2	2.5	44.7	5.2	46.8	2.17	3.66	.28	81	.44	.127	14.1	28.2	.32	344.2	.005	2	1.36	.004	.15	<.2	.34	303	2.6	.12	2.9	.06
5500E 7750N	1.71	48.69	18.99	115.9	116	28.1	30.4	1160	3.23	5.5	1.4	5.6	2.7	27.0	.48	.85	.25	87	.17	.137	8.0	31.5	1.06	446.9	.020	4	2.16	.009	.22	<.2	.19	117	.9	.07	6.1	.02
5500E 7725N	4.26	33.85	8.54	76.7	258	23.8	7.3	277	2.49	7.1	1.4	7.9	.6	35.0	.38	1.43	.16	49	.17	.126	9.1	22.1	.37	350.9	.023	2	1.20	.009	.11	<.2	.21	148	1.3	.04	4.0	.08
5500E 7700N	11.70	133.03	20.16	254.4	209	72.8	20.2	527	4.66	20.6	5.8	18.3	10.7	104.5	1.46	4.07	.19	95	.41	.200	17.8	33.3	.78	1391.5	.020	4	2.02	.021	.30	<.2	.54	902	2.7	.10	5.5	.25
5600E 7900N	4.89	122.87	19.07	189.7	179	59.2	31.3	600	4.51	11.3	3.3	11.8	10.6	67.3	1.17	1.89	.21	80	.41	.203	11.7	34.9	.97	1505.4	.008	4	2.65	.003	.32	<.2	.31	101	2.3	.08	7.2	.07
5600E 7875N	20.87	212.13	32.49	219.8	2716	79.4	8.5	320	5.63	56.5	16.7	25.4	6.2	200.5	5.15	14.80	.30	394	.75	.553	22.7	74.7	.14	348.1	.005	4	1.49	.021	.39	.2	.87	834	11.9	.38	3.4	.89
5600E 7850N	14.07	91.13	23.34	184.2	1510	54.9	6.8	167	4.99	34.2	3.1	13.5	4.1	92.6	1.07	6.39	.27	279	.22	.242	9.7	57.8	.34	728.9	.016	3	1.69	.012	.27	<.2	.71	175	5.8	.20	4.9	.53
5600E 7825N	3.03	38.59	11.09	83.8	223	27.1	10.3	332	3.12	14.8	1.5	13.4	5.3	31.1	.40	2.15	.21	93	.20	.086	9.4	33.9	.49	437.9	.032	2	1.74	.011	.10	.3	.19	118	1.5	.07	5.1	.09
STANDARD DS2	14.38	130.43	30.74	157.8	230	37.8	12.3	816	3.41	61.1	19.6	203.3	3.8	32.9	11.36	10.55	10.78	77	.58	.088	12.3	168.2	.57	145.5	.098	2	1.83	.041	.16	8.0	2.08	240	2.5	1.85	6.2	.02

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data FA

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 4/#25 File # 9902594 Page 1

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99X03053	5.69	201.34	16.21	194.0	245	49.7	18.5	173	6.51	6.1	1.3	32.9	4.2	47.2	.79	2.82	.33	64	.03	.070	6.4	25.9	.29	397.3	.006	3	1.03	.007	.20	<.2	.25	60	5.7	.10	4.3	<.01
99X03054	2.04	40.27	10.98	93.6	137	30.3	15.2	311	3.17	7.3	1.0	6.3	6.4	32.5	.43	1.30	.19	45	.08	.046	10.8	22.4	.59	749.0	.012	3	1.59	.004	.17	<.2	.19	64	1.2	.04	4.8	.02
99X03055	3.51	45.46	13.91	119.7	349	32.2	15.2	377	4.28	9.4	1.6	8.8	8.7	49.1	.58	1.47	.27	72	.48	.096	21.4	38.6	.71	1068.2	.092	3	1.65	.014	.30	<.2	.44	167	1.3	.03	5.8	.02
99X03056	6.67	112.81	16.32	205.5	617	38.1	6.6	155	3.47	10.7	1.2	22.4	.8	32.1	.75	2.85	.37	68	.12	.074	3.8	22.9	.05	313.6	.005	3	44	.004	.08	<.2	.19	281	3.1	.25	2.8	.04
99X03057	12.69	221.43	35.79	459.0	643	82.8	14.8	189	8.31	28.5	2.5	74.8	2.0	42.9	.83	9.71	.64	131	.02	.081	4.1	35.9	.04	947.4	.007	2	.75	.008	.08	<.2	.24	291	4.9	.48	3.8	.06
99X03058	11.96	96.51	16.64	157.6	1333	26.9	2.4	56	1.95	18.8	4.7	8.4	.3	81.7	.56	7.72	.27	184	.09	.094	4.3	35.0	.03	358.1	.005	2	.38	.010	.09	<.2	.44	317	5.4	.18	2.6	.12
99X03059	10.04	55.36	14.15	199.0	121	48.4	14.2	399	3.84	11.8	1.8	2.6	1.6	23.1	.34	1.85	.29	57	.08	.053	8.3	11.7	.07	295.1	.013	2	.71	.002	.11	<.2	.22	60	1.2	.13	4.1	.06
99X03060	7.80	142.33	17.22	537.5	10318	148.6	9.7	235	3.52	23.7	5.4	20.0	3.6	85.9	2.06	5.10	.38	103	.36	.119	8.9	49.8	.14	476.0	.008	3	1.06	.006	.14	<.2	.43	829	19.3	.29	2.8	.14
99X03061	7.72	256.58	21.09	286.3	752	104.1	18.9	622	6.98	20.3	3.4	33.6	3.7	105.3	1.77	4.42	.35	75	.08	.107	7.0	34.7	.21	576.7	.025	2	2.05	.014	.19	<.2	.40	1546	13.2	.13	4.1	.41
99X03062	14.51	221.93	19.65	208.9	9662	57.7	6.0	296	3.43	37.4	13.3	13.7	4.6	432.1	7.86	11.26	.44	195	1.02	.535	10.3	89.0	.19	1080.1	.019	5	1.12	.007	.24	.3	.78	1206	17.2	.33	3.6	.43
99X03063	18.12	168.25	16.49	143.5	5954	29.6	1.0	31	1.75	30.3	13.6	7.5	.6	223.7	7.66	17.09	.26	244	.23	.164	4.9	52.0	.02	566.9	.003	2	.35	.004	.10	<.2	.95	525	14.8	.28	2.3	.19
99X03064	18.16	206.97	21.28	383.4	2073	62.3	8.1	108	3.40	27.2	7.1	25.2	1.2	105.6	2.85	11.22	.57	221	.11	.144	4.6	31.0	.04	684.5	.004	3	.45	.001	.11	.4	.33	455	7.9	.28	2.2	.08
99X03065	13.58	199.74	24.50	325.3	1856	58.7	6.9	99	3.29	27.7	6.5	34.2	1.8	229.2	1.69	9.06	.40	203	.04	.216	5.1	54.0	.03	1036.8	.004	3	.78	.005	.10	<.2	.47	311	6.9	.30	2.7	.12
99X03066	8.98	225.38	18.50	289.4	608	66.6	15.3	293	5.47	23.7	2.1	27.4	.8	42.6	1.06	5.60	.54	139	.05	.102	3.6	27.2	.04	457.0	.004	3	.50	.003	.09	<.2	.32	244	5.1	.35	3.1	.03
99X03067	11.15	399.99	57.85	435.3	1229	164.8	45.8	785	12.94	84.8	10.2	40.9	2.9	144.4	4.39	7.31	.89	207	.19	.157	5.8	106.7	.12	1027.3	.005	3	.90	.013	.23	<.2	.44	588	37.0	.53	3.1	.29
99X03068	5.15	82.46	18.59	115.1	671	37.9	18.3	247	4.24	10.7	2.0	13.9	9.4	106.3	.59	1.84	.26	35	1.01	.119	12.6	22.1	.72	676.9	.006	4	1.10	.006	.23	<.2	.35	360	2.0	.06	4.3	.07
99X03069	13.90	189.88	25.35	275.4	377	65.3	26.7	276	5.77	21.7	4.1	19.9	8.5	109.9	1.35	4.40	.31	129	.34	.220	15.8	30.0	.59	1307.2	.007	3	1.77	.002	.27	<.2	.56	346	3.8	.19	5.7	.10
99X03070	1.87	53.84	16.09	69.0	119	24.9	12.4	300	4.36	7.5	.6	3.8	2.8	27.0	.41	1.10	.23	74	.15	.058	5.7	26.9	.72	458.5	.020	2	1.92	.008	.12	<.2	.13	44	.7	.06	6.0	.05
RE 99X04240	3.16	51.26	11.54	115.1	595	31.9	9.9	287	3.21	11.5	.8	5.0	2.7	11.5	.76	1.43	.23	71	.10	.065	10.9	31.7	.44	181.3	.051	1	2.18	.009	.05	<.2	.23	95	1.1	.05	6.1	.02
99X03071	2.58	117.97	25.37	197.2	238	77.8	29.8	891	6.84	16.6	1.0	5.0	4.2	28.8	.80	2.76	.63	88	.08	.062	11.2	53.9	.41	495.5	.026	2	2.17	.008	.10	<.2	.19	57	2.1	.24	7.0	.04
99X03072	2.34	219.04	30.73	309.4	776	151.9	47.6	1326	9.53	19.7	1.9	12.2	3.6	27.1	.78	3.44	.80	108	.03	.074	10.2	62.2	.21	428.4	.021	1	1.96	.009	.08	<.2	.40	280	2.6	.40	6.3	.02
99X04240	3.19	52.22	11.68	117.6	583	31.4	10.1	302	3.29	12.1	.8	5.7	3.2	11.9	.77	1.45	.25	73	.10	.069	11.5	43.4	.59	232.3	.068	1	2.89	.009	.05	.2	.24	81	1.3	.08	6.2	.02
99X04241	3.05	60.96	12.02	116.4	835	27.8	10.6	359	3.46	14.3	.8	11.4	3.3	16.7	.56	1.55	.23	68	.11	.064	11.6	37.4	.51	313.9	.048	1	2.29	.013	.07	.2	.21	111	1.1	.05	5.6	.03
99X04242	5.88	62.08	11.42	150.1	3250	32.2	8.9	223	3.01	11.9	.9	3.4	.7	18.9	1.01	2.31	.23	95	.13	.112	10.7	28.6	.32	266.8	.026	2	1.75	.007	.09	<.2	.22	93	1.4	.08	6.7	.05
99X04243	4.72	110.12	13.47	189.9	1737	41.1	10.5	284	4.08	14.4	1.2	10.8	3.5	28.5	.76	2.25	.23	80	.08	.110	12.3	32.9	.33	339.7	.027	2	2.14	.007	.13	<.2	.26	160	2.2	.09	6.1	.06
99X04244	2.11	40.57	11.42	74.7	253	26.5	9.0	279	3.40	12.2	.7	5.1	4.4	16.3	.21	1.15	.22	75	.08	.023	11.6	35.2	.41	285.9	.062	1	2.18	.010	.07	<.2	.14	54	.6	.07	6.1	.03
99X04245	16.76	139.43	13.01	364.7	393	79.2	12.9	285	3.76	14.6	1.3	5.5	1.9	43.1	2.16	6.30	.28	112	.34	.230	11.3	22.7	.25	585.7	.012	2	1.47	.001	.15	<.2	.26	72	3.5	.16	5.5	.04
99X04246	1.65	55.12	12.96	92.2	129	35.0	12.1	504	3.35	13.7	1.0	5.1	5.8	14.7	.24	1.24	.23	70	.09	.032	12.7	38.3	.47	296.5	.067	2	2.21	.009	.06	.2	.14	64	.8	.06	5.8	.02
99X04247	1.62	28.19	9.91	84.5	268	29.4	11.0	321	3.36	12.7	.6	1.3	4.7	14.2	.19	.99	.24	73	.08	.025	11.3	37.1	.44	246.0	.063	1	2.31	.008	.07	.2	.17	54	.7	.06	7.1	.01
99X04248	1.45	39.24	12.34	91.1	207	34.1	13.6	611	3.19	12.4	.6	12.1	4.6	20.2	.24	1.06	.23	74	.13	.025	11.4	36.4	.45	356.2	.055	2	2.17	.008	.07	<.2	.14	46	.5	.07	6.5	.03
99X04249	1.99	48.64	15.41	134.0	242	42.9	18.4	2389	3.87	9.4	.6	2.7	2.9	30.2	.64	1.24	.31	84	.19	.034	9.8	31.9	.31	1039.2	.032	1	1.96	.009	.06	<.2	.14	54	.6	.10	7.1	.04
99X04250	6.91	168.20	30.57	241.8	383	93.8	38.4	4652	6.32	19.4	2.1	8.9	5.6	47.2	.60	2.68	.54	78	.06	.071	25.2	34.9	.19	1025.5	.010	2	1.39	<.001	.13	<.2	.21	224	1.5	.26	5.8	.06
99X04251	4.45	188.40	21.03	228.9	525	77.1	26.4	2238	5.72	11.7	1.4	27.1	5.8	31.7	.40	2.26	.39	63	.07	.059	28.0	28.5	.19	588.3	.011	3	1.05	.009	.14	<.2	.20	212	1.2	.21	4.4	.06
99X04252	2.92	40.26	13.52	79.4	139	35.9	18.8	1373	3.99	16.0	.7	2.8	4.0	13.0	.25	1.51	.28	70	.05	.030	10.5	35.8	.30	291.7	.042	2	2.04	.004	.06	<.2	.14	76	.8	.09	6.2	.03
STANDARD DS2	13.91	131.49	31.07	154.9	294	33.2	12.8	825	3.40	64.4	21.0	197.4	3.6	32.8	11.67	9.84	11.08	74	.55	.084	14.2	167.0	.56	154.7	.111	2	1.92	.038	.16	7.4	2.11	246	2.6	1.91	6.1	.02

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: SOIL Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 29 1999 **DATE REPORT MAILED:** Aug 6/99 **SIGNED BY** .....D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data FA

ACME ANALYTICAL

International Kodiak Resources Inc. PROJECT AREA 4/#25 FILE # 9902594 Page 2

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99X04253	3.36	40.72	12.23	74.6	134	36.1	12.0	409	3.72	14.2	.7	3.7	4.4	14.6	.31	1.59	.33	69	.08	.021	8.6	31.3	.38	278.4	.037	2	2.00	.004	.08	.2	.14	50	.7	.05	5.8	-.01
99X04254	4.35	61.26	14.01	86.5	211	39.8	13.9	498	4.57	14.3	1.1	2.8	4.5	23.3	.35	1.79	.31	65	.08	.053	10.7	29.5	.36	237.3	.022	2	1.70	.004	.10	<.2	.15	38	.9	.09	5.6	.02
99X04255	5.96	46.81	44.63	27.3	1341	13.5	2.4	135	2.62	21.7	1.5	12.8	1.4	105.0	.11	4.58	.30	195	.03	.122	12.8	42.0	.09	630.1	.008	2	.76	.008	.26	<.2	.33	303	4.2	.12	4.0	.44
99X10208	3.21	171.11	16.31	158.2	275	42.6	11.6	257	4.34	13.4	1.0	6.5	3.1	25.8	.27	2.30	.37	73	.05	.054	5.6	28.6	.20	444.2	.023	2	1.42	.008	.09	<.2	.19	46	2.4	.19	5.1	<.01
99X10209	3.28	291.52	19.27	359.2	151	76.6	23.6	748	6.01	8.9	4.0	44.0	6.9	53.6	3.13	2.02	.42	57	.11	.145	13.2	20.2	.15	869.3	.007	3	1.29	.005	.24	<.2	.30	184	2.3	.24	3.8	.02
99X10210	35.96	118.38	19.66	122.9	3046	26.6	4.4	72	4.88	77.5	5.5	10.8	6.4	83.5	.88	20.96	.27	407	.04	.121	8.5	49.1	.09	374.8	.006	3	1.06	.015	.52	<.2	2.44	361	14.6	.19	5.3	.83
99X10211	2.30	80.00	11.73	135.9	200	42.7	13.5	350	3.56	22.9	2.0	10.6	4.8	46.7	.83	2.21	.24	83	.14	.060	11.4	29.2	.34	335.4	.050	2	1.27	.010	.12	<.2	.23	81	2.4	.10	3.9	.07
99X10212	1.73	50.63	11.41	79.1	38	34.0	12.4	417	3.15	14.7	.9	9.6	5.3	29.1	.22	1.71	.22	66	.20	.029	11.9	35.0	.56	405.0	.074	1	1.69	.021	.09	.3	.11	120	.4	.04	4.9	<.01
99X10213	5.40	417.13	16.74	519.1	208	91.4	15.3	396	4.60	13.4	2.2	54.7	3.8	54.3	1.42	3.45	.40	56	.15	.147	5.4	21.3	.12	993.8	.013	2	.78	.007	.12	<.2	.28	264	16.7	.32	2.7	.01
99X10214	1.57	100.42	15.18	93.5	122	33.9	12.3	285	4.68	12.5	.5	5.2	3.0	16.3	.11	1.55	.33	46	.06	.038	4.9	24.9	.23	256.4	.029	1	1.08	.007	.09	<.2	.11	42	1.9	.11	4.1	.01
99X10215	1.50	220.34	17.35	190.7	56	78.3	22.1	357	6.16	10.1	1.4	29.7	4.5	17.7	.16	1.94	.63	50	.04	.040	6.0	30.0	.21	203.4	.038	1	1.45	.008	.07	.4	.19	48	2.5	.20	3.9	-.01
99X10216	2.13	192.62	10.53	185.9	92	45.0	12.1	234	6.43	23.2	1.8	30.6	5.6	22.6	.51	2.20	.37	54	.07	.046	7.7	34.1	.23	285.2	.036	2	1.28	.003	.13	<.2	.22	97	3.6	.16	4.3	.09
99X10217	1.09	42.03	9.05	63.5	40	25.8	9.5	341	2.82	12.0	1.1	8.0	6.8	18.3	.13	1.30	.20	56	.13	.022	13.9	33.2	.55	495.8	.060	1	1.71	.018	.07	.2	.10	151	.4	.04	4.6	-.02
99X10218	1.59	45.61	9.86	77.9	44	25.4	12.5	208	2.85	9.6	.7	1.8	3.5	14.4	.14	1.28	.17	41	.10	.022	6.6	24.0	.46	224.5	.038	1	1.21	.009	.13	<.2	.12	26	.5	.05	3.8	-.01
99X10219	2.26	97.17	8.74	106.0	92	27.6	8.1	297	2.48	8.8	1.2	28.2	5.5	23.1	.56	2.02	.18	57	.18	.065	9.8	25.3	.38	305.5	.039	2	.94	.011	.13	<.2	.17	121	1.5	.06	3.1	-.01
99X10220	7.67	454.67	19.69	409.5	202	87.8	15.3	210	5.51	16.2	3.1	66.5	4.0	48.1	.78	5.28	.31	89	.07	.113	5.0	23.6	.11	862.0	.008	3	.77	.005	.18	<.2	.31	366	8.4	.30	3.0	.03
99X10221	4.89	139.52	18.00	194.7	500	56.4	10.9	204	6.02	20.5	1.0	4.3	3.5	21.7	.38	4.30	.37	91	.04	.060	6.0	33.6	.21	363.7	.021	2	1.45	.006	.14	<.2	.23	85	2.3	.17	5.1	.05
99X11205	29.81	65.32	21.14	53.8	2796	12.3	1.6	36	4.66	24.7	3.9	7.7	1.7	213.5	1.61	9.05	.23	343	.04	.217	15.8	47.7	.09	263.0	.006	6	1.43	.050	.47	<.2	1.56	356	10.9	.21	5.6	1.08
RE 99X10221	4.91	137.96	18.12	198.3	516	56.5	11.5	207	6.11	20.7	1.0	4.3	3.5	21.1	.40	4.26	.36	91	.04	.060	5.8	32.8	.21	347.1	.019	2	1.42	.006	.13	<.2	.24	84	2.4	.18	5.3	.04
99X11206	14.29	114.50	21.79	136.0	1633	47.5	11.5	764	5.39	63.8	20.4	16.4	3.5	302.2	1.31	6.51	.35	259	.12	.800	11.5	62.4	.16	2798.2	.016	3	1.93	.019	.33	<.2	.63	470	35.4	.49	5.3	.50
99X11207	11.41	86.18	14.50	230.3	283	103.0	26.0	766	6.18	14.4	2.3	19.6	4.6	45.7	1.16	2.23	.27	52	.06	.070	9.4	25.0	.22	887.9	.010	3	1.69	.004	.16	<.2	.32	200	1.6	.08	4.5	-.02
99X11208	8.11	63.85	21.41	446.4	2993	80.9	9.7	297	5.06	24.2	2.1	2.9	3.3	97.4	1.26	2.70	.38	142	.07	.116	6.5	47.9	.28	646.7	.021	2	1.78	.009	.26	<.2	.40	253	9.6	.26	6.6	.45
99X11209	14.03	101.72	46.33	163.5	369	69.4	22.4	2450	5.61	39.3	5.6	17.2	6.7	90.9	.23	5.19	.57	76	.07	.152	12.4	26.1	.19	646.1	.009	2	1.27	.014	.39	<.2	.33	743	4.9	.51	4.1	.47
99X11210	5.62	51.09	15.01	214.3	368	70.0	19.0	588	4.64	19.8	1.5	2.0	4.8	31.3	1.17	2.29	.28	93	.07	.077	8.8	36.0	.39	438.4	.029	2	2.14	.013	.14	<.2	.26	62	1.5	.08	6.0	.06
99X11211	1.77	31.84	11.25	125.5	199	23.2	8.4	391	2.76	7.6	.6	1.0	2.6	27.4	1.48	1.05	.26	57	.21	.085	9.8	22.6	.27	627.7	.044	1	1.16	.011	.10	<.2	.12	31	.7	.06	6.5	<.01
99X11212	1.76	165.32	13.89	182.2	413	61.7	13.4	461	3.87	16.0	1.9	11.3	4.2	44.8	1.51	1.50	.26	78	.08	.076	8.1	37.1	.41	373.7	.037	2	2.48	.010	.10	<.2	.18	52	1.3	.09	5.9	.01
99X11213	1.96	89.91	13.57	247.0	102	64.4	19.3	627	4.49	19.8	1.2	8.4	4.9	16.9	.90	1.44	.31	71	.08	.041	8.2	39.9	.45	332.0	.060	2	2.57	.011	.10	<.2	.17	58	1.2	.11	6.4	<.01
99X11214	2.94	187.48	27.61	193.3	492	42.4	11.1	582	9.02	27.4	1.5	26.6	3.9	37.8	.75	2.52	.60	96	.05	.106	6.2	42.8	.13	726.2	.016	4	1.79	.005	.34	<.2	.28	116	4.8	.29	6.9	.39
99X11215	6.42	26.07	8.35	46.5	579	17.5	4.9	140	3.39	27.7	3.1	9.2	.4	46.9	.28	4.41	.16	297	.14	.215	9.5	34.5	.25	405.1	.016	2	1.28	.006	.10	.3	.25	189	3.5	.10	4.6	.11
99X11216	2.33	51.51	12.69	101.2	94	39.6	12.4	377	4.06	16.2	.7	4.8	3.6	13.2	.30	1.52	.27	87	.08	.042	8.6	40.4	.43	251.6	.055	1	2.77	.011	.07	<.2	.14	41	1.4	.09	7.7	-.03
99X11217	1.77	85.90	11.60	111.8	109	50.7	10.5	316	5.66	17.3	.8	5.5	3.4	18.3	.23	1.74	.27	76	.06	.068	6.2	34.1	.27	281.7	.025	2	2.05	.009	.08	<.2	.21	62	2.0	.13	4.8	.02
99X11218	2.15	28.72	11.58	66.7	88	25.3	9.3	293	4.40	19.6	.9	5.6	3.8	16.0	.24	1.69	.26	90	.08	.048	8.0	43.8	.42	462.2	.040	1	2.40	.011	.09	.3	.15	78	1.4	.08	6.7	.04
99X11219	2.88	74.70	16.93	118.4	314	37.5	7.0	244	5.00	24.9	1.1	8.8	1.4	56.4	.31	1.91	.35	82	.03	.097	4.4	41.1	.09	536.6	.011	2	1.02	.006	.21	<.2	.64	204	3.5	.15	5.4	.27
99X11220	13.39	42.73	17.95	37.4	2110	13.6	4.9	186	2.93	29.8	2.1	7.7	1.9	41.6	.33	6.36	.40	218	.04	.058	5.4	56.9	.14	601.1	.015	4	1.08	.009	.18	<.2	1.69	209	7.5	.17	5.9	.19
STANDARD DS2	13.66	128.65	30.52	148.1	220	36.7	13.1	805	3.27	64.2	20.6	201.3	3.8	31.5	11.16	10.46	10.93	73	.53	.081	12.3	159.9	.55	146.0	.097	2	1.81	.036	.17	7.3	2.15	249	2.4	1.82	6.1	.03

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data 1 FA ___

ACME ANALYTICAL

International Kodiak Resources Inc. PROJECT AREA 4/#25 FILE # 9902594 Page 3

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99X11221	5.05	142.27	13.88	460.6	193	129.6	28.5	682	4.53	23.6	4.2	17.9	2.2	101.1	1.93	2.74	.40	126	.02	.155	8.8	37.3	.06	403.6	.002	2	.92	.003	.15	<.2	.27	76	1.3	.18	4.5	.13
99X11222	15.27	276.90	17.28	408.5	549	139.2	16.1	242	5.35	16.1	2.1	33.6	2.3	90.7	.76	4.51	.31	120	.03	.166	5.9	29.6	.09	1365.6	.006	3	1.18	.003	.09	<.2	.21	118	3.9	.19	3.9	.01
99X12081	1.05	19.57	12.26	56.4	62	16.8	8.8	272	2.78	11.8	1.0	4.9	.5	19.7	.21	.93	.27	54	.17	.082	12.2	29.8	.39	155.1	.027	1	1.86	.007	.04	.2	.11	81	.9	.05	5.5	.02
99X12082	1.46	22.72	14.19	59.0	28	19.4	11.3	444	3.28	13.2	1.0	7.3	4.1	14.0	.26	1.14	.26	60	.09	.049	12.1	35.4	.46	136.0	.045	1	2.28	.006	.04	.2	.10	77	1.0	.04	5.6	.01
99X12083	2.23	16.06	18.21	46.1	30	14.1	6.6	383	5.46	21.6	.7	1.6	2.1	11.9	.12	1.64	.45	178	.08	.050	10.2	35.4	.29	102.5	.131	1	1.49	.005	.04	.3	.15	42	.9	.09	15.8	.03
99X12084	1.46	22.32	11.73	60.3	35	21.0	8.9	274	3.78	16.6	.7	5.3	4.2	12.6	.28	1.41	.24	68	.07	.029	10.1	34.0	.45	113.6	.052	1	1.80	.006	.04	.3	.10	49	.8	.05	5.9	.01
99X12085	1.29	21.62	9.86	65.1	85	26.2	8.5	266	2.65	8.9	.8	3.9	1.7	15.5	.20	.88	.25	51	.15	.052	9.6	26.1	.39	208.1	.036	1	1.58	.006	05	.3	.10	57	.6	.04	4.7	.01
99X12086	5.70	22.70	9.77	162.9	83	21.0	4.3	113	2.17	12.4	1.8	7.4	.2	17.9	.38	4.60	.24	135	.11	.053	9.9	31.0	.30	163.2	.017	1	1.40	.006	.05	.2	.39	203	1.9	.05	5.5	.01
99X12087	1.77	18.87	9.86	55.4	70	19.4	8.7	290	3.21	13.1	.8	8.7	3.6	20.0	.33	1.20	.20	60	.14	.071	9.9	29.4	.41	124.0	.035	1	1.99	.005	.04	.3	.14	136	1.0	.03	4.7	.01
99X12088	1.94	18.09	12.67	65.3	267	16.8	7.6	331	3.90	11.8	.6	4.9	2.7	14.2	.91	1.05	.25	82	.14	.088	9.6	31.1	.34	214.5	.050	1	2.03	.006	.05	.2	.13	57	.8	.06	6.8	.01
99X12089	2.02	23.05	12.90	64.7	61	17.9	7.6	299	2.86	13.2	.9	6.2	.5	21.3	.35	1.35	.28	77	.08	.058	9.5	32.0	.27	213.3	.024	1	1.83	.005	.06	.2	.18	142	1.1	.08	6.5	.02
99X12090	1.44	31.50	9.63	64.7	96	28.9	9.6	271	2.56	13.9	1.0	7.6	3.5	30.5	.27	1.69	.18	70	.19	.082	10.3	28.0	.41	230.5	.035	1	1.49	.008	.05	.2	.12	130	.8	.05	4.4	.01
99X12091	1.14	21.77	10.77	61.3	44	22.9	10.4	368	2.70	10.0	.7	4.0	1.3	19.8	.24	.96	.33	54	.19	.067	10.8	28.3	.43	265.9	.036	1	1.59	.006	.05	.4	.12	40	.6	.04	5.2	<.01
99X12092	1.18	14.94	9.69	57.8	31	18.7	10.3	370	2.73	8.3	.9	4.6	3.0	17.6	.30	.75	.22	54	.17	.085	10.8	29.4	.47	203.5	.038	1	1.84	.008	.06	.2	.12	48	.6	.04	5.3	.01
99X12093	1.28	22.33	9.87	67.9	50	19.4	8.6	291	2.43	8.5	.8	6.7	.2	22.3	.32	.99	.19	52	.22	.088	11.3	24.6	.49	265.1	.016	2	1.41	.005	.09	.2	.12	52	.5	.03	4.7	.02
99X12094	3.51	42.34	14.94	121.7	161	23.9	12.3	425	3.67	12.9	.7	4.8	.6	15.2	.68	1.86	.26	87	.16	.105	9.1	30.2	.59	252.0	.025	2	1.82	.008	.11	.2	.17	50	1.0	.07	6.5	.02
99X12095	.73	29.84	5.85	62.0	198	20.7	7.1	162	1.84	3.5	1.1	5.2	1.9	28.5	.25	.63	.16	38	.30	.082	14.3	25.2	.52	480.3	.027	1	1.41	.007	.06	<.2	.11	107	.4	.03	4.4	<.01
99X12096	.75	25.27	6.62	63.5	203	20.3	6.7	150	1.95	4.0	.8	6.0	2.0	26.0	.21	.64	.16	40	.29	.076	12.5	22.8	.45	342.7	.028	1	1.38	.008	.07	<.2	.11	108	.4	.02	4.3	.01
RE 99X12096	.78	24.72	7.08	62.4	216	18.9	7.0	163	1.92	4.4	.9	5.9	1.9	27.2	.22	.68	.17	39	.29	.076	13.1	23.5	.47	357.1	.027	1	1.42	.005	.07	<.2	.11	114	.5	.02	4.5	.01
99X12097	.67	26.13	5.89	61.0	144	18.9	7.1	148	1.87	3.9	.8	4.1	3.0	23.9	.16	.60	.15	37	.28	.076	13.1	20.8	.46	403.1	.029	1	1.19	.006	.05	<.2	.08	75	.4	.02	3.8	<.01
99X12177	92.33	75.88	41.73	170.3	779	47.7	16.3	149	11.47	135.8	6.0	11.7	5.7	200.6	.74	23.93	.31	93	.10	.225	14.2	18.1	.25	188.9	.017	4	1.20	.064	.73	<.2	1.27	2659	25.1	.27	5.4	1.19
99X12178	4.53	52.13	21.18	99.3	313	31.4	21.8	1662	4.29	19.2	3.1	7.5	.4	35.1	.87	2.08	.35	87	.13	.163	13.8	31.9	.45	580.2	.020	2	1.98	.011	.14	<.2	.22	183	1.7	.12	7.5	.08
99X12179	3.84	48.25	21.21	82.4	165	26.4	15.3	1472	3.97	13.6	1.8	5.7	.5	29.4	.47	1.64	.29	71	.09	.112	11.5	27.7	.49	426.9	.023	2	1.55	.008	.12	<.2	.15	98	1.3	.11	6.3	.09
99X12180	4.47	46.94	14.28	47.6	765	18.4	5.7	360	2.20	13.0	2.3	8.2	.2	34.3	.38	2.62	.26	79	.06	.064	9.0	27.3	.16	524.9	.017	1	.96	.009	.08	<.2	.20	360	2.9	.11	4.1	.11
99X12181	5.60	63.68	15.95	57.9	868	18.0	6.7	430	3.01	25.4	3.2	10.8	.8	71.7	.29	3.60	.31	94	.05	.082	9.1	36.6	.18	796.8	.020	2	.82	.012	.15	<.2	.30	293	5.4	.16	5.2	.23
99X12182	4.28	47.25	12.20	56.2	735	24.0	8.2	393	2.96	19.1	1.6	13.8	1.9	59.6	.27	2.86	.26	94	.06	.059	9.4	36.9	.31	404.2	.026	2	1.29	.008	.12	<.2	.26	158	5.6	.11	4.9	.14
99X12183	2.07	36.25	12.81	79.2	129	22.5	10.6	484	3.60	14.2	.7	7.0	3.3	14.6	.57	1.18	.27	84	.06	.043	9.1	33.3	.39	207.7	.047	1	1.87	.006	.06	.2	.12	42	.8	.06	7.1	.02
99X12184	2.03	23.43	11.49	70.7	104	17.7	8.8	493	2.56	8.6	.9	2.3	.2	28.2	.43	.86	.23	58	.27	.107	10.7	23.8	.44	403.1	.018	2	1.37	.007	.10	<.2	.14	50	.6	.05	5.9	.05
99X12185	3.12	33.92	14.24	83.8	172	29.5	8.2	327	2.91	11.8	1.3	4.0	.2	29.3	.44	1.58	.27	69	.09	.075	10.1	27.7	.33	335.6	.022	1	1.40	.007	.08	<.2	.14	81	1.0	.07	5.5	.04
99X12186	2.17	18.99	14.45	69.5	149	16.4	13.4	652	4.37	14.2	.6	1.1	2.5	14.9	.35	1.00	.28	86	.08	.061	8.5	31.9	.33	228.2	.056	1	1.70	.005	.06	.2	.11	29	.7	.08	7.9	.02
99X12187	2.70	25.41	14.58	54.8	691	18.1	5.3	609	2.88	9.7	.5	1.7	1.0	13.8	.38	1.26	.38	89	.05	.042	9.6	23.8	.11	307.8	.050	1	1.14	.008	.05	.2	.12	39	.6	.11	8.0	.03
99X12188	4.26	26.36	13.96	66.4	231	21.6	6.7	292	3.64	16.6	.9	4.0	2.7	38.4	.45	1.93	.27	85	.05	.054	9.1	31.1	.33	274.1	.031	1	1.66	.007	.08	.2	.13	52	1.1	.12	5.9	.05
99X12189	5.03	23.42	15.99	103.2	218	16.2	6.2	387	3.58	12.9	1.0	1.3	1.5	14.3	50	2.32	.34	122	.06	.053	9.5	26.9	.21	157.8	.051	1	1.23	.005	.06	.3	.18	39	1.0	.09	8.7	.03
99X12190	2.20	30.34	14.21	73.2	1581	40.4	13.5	264	3.63	15.0	.7	5.3	2.3	14.9	.39	1.65	.23	77	.08	.045	8.4	36.9	.37	332.6	.040	1	2.40	.005	.05	.3	.12	85	.9	.06	6.4	.02
99X12191	3.49	25.23	12.61	88.3	454	25.4	11.4	379	3.65	13.7	.8	2.4	3.3	20.2	1.09	1.78	.27	92	.10	.033	10.1	31.9	.33	485.9	.046	1	1.89	.006	.06	.2	.16	92	.8	.07	7.3	.01
STANDARD DS2	14.31	130.61	32.56	154.8	263	36.9	13.2	818	3.37	62.9	21.5	190.3	3.7	31.5	12.50	10.47	11.56	78	.58	.086	14.0	161.5	.55	141.5	.105	2	1.79	.039	.17	7.6	2.05	261	2.6	1.97	6.6	.03

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data 1 FA ___

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 4/#25 File # 9902595

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99R12192	2.19	30.57	1.47	8.2	30	6.4	.5	38	.61	1.2	.1	.4	.2	9.7	.02	.18	.05	9	.01	.010	1.2	24.1	.01	180.9	.001	1	.17	.005	.02	8.9	<.02	<5	1.0	.02	.2	.03

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: ROCK

DATE RECEIVED: JUL 29 1999 DATE REPORT MAILED: Aug 9/99 SIGNED BY. . . . . D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data ___ FA ___

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 5/#26 File # 9902596 Page 1

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99X10178	1.39	34.54	12.04	73.4	75	24.7	13.2	509	3.21	6.4	.8	2.4	3.6	26.1	.26	1.00	.23	40	.31	.077	14.5	22.8	.56	532.9	.007	2	1.50	.005	.11	<.2	.14	48	.4	.04	5.4	.05
99X10179	3.98	57.75	30.29	110.0	224	31.5	15.2	554	4.12	14.7	1.0	5.5	3.5	34.6	.34	2.21	.27	53	.13	.066	11.9	21.8	.31	467.5	.013	2	1.42	.006	.11	<.2	.26	194	1.2	.07	5.0	.05
99X10180	6.47	60.73	52.53	112.7	308	37.3	15.1	478	4.48	21.9	.8	4.7	2.8	33.1	.43	5.67	.32	57	.11	.071	8.8	20.9	.31	545.6	.014	2	1.35	.005	.10	<.2	.27	113	.9	.09	4.5	.04
99X10181	1.84	21.11	14.10	60.4	231	20.8	9.5	319	3.40	13.2	.6	4.5	4.1	14.9	.24	1.21	.23	58	.10	.043	10.5	25.8	.42	238.5	.035	1	1.79	.008	.06	<.2	.16	63	.5	.05	5.7	.02
99X10182	2.85	23.02	13.59	62.5	112	20.1	11.6	728	3.49	12.3	.5	2.3	3.1	20.1	.28	1.26	.27	70	.17	.048	9.3	25.9	.38	310.1	.023	1	1.67	.007	.06	<.2	.16	35	.4	.07	6.4	.02
99X10183	3.81	68.40	149.08	144.3	211	40.6	20.2	1656	5.16	13.2	1.2	5.2	4.3	35.9	1.51	2.22	.28	46	.31	.085	29.2	18.0	.16	1104.8	.005	1	1.09	.005	.15	<.2	.19	262	.8	.08	3.7	.02
99X10184	1.18	28.91	11.72	79.6	143	25.9	13.2	803	3.13	9.8	.8	9.5	1.2	26.1	.38	1.07	.20	41	.32	.089	18.0	26.1	.37	533.3	.017	1	1.47	.005	.08	<.2	.13	102	.4	.05	4.4	.02
99X10185	1.02	25.31	9.77	61.3	93	22.8	10.1	461	2.85	11.2	.7	5.6	3.1	25.5	.13	.97	.20	46	.32	.051	13.9	27.3	.43	553.7	.029	1	1.56	.007	.06	<.2	.13	114	.5	.04	4.9	.01
99X10186	.94	15.58	10.38	51.7	23	15.8	7.9	339	3.19	11.7	.5	3.8	.9	10.0	.19	.84	.20	44	.08	.045	9.2	26.4	.30	116.7	.028	<1	1.49	.004	.05	<.2	.10	65	.5	.04	4.6	.02
99X10187	1.64	35.83	14.75	81.6	36	29.8	14.2	920	3.77	12.2	.8	5.6	5.2	17.2	.23	1.86	.20	40	.11	.048	13.5	21.2	.30	324.8	.026	1	1.32	.005	.07	<.2	.14	226	.6	.05	3.5	.01
99X10188	.96	22.92	9.05	57.9	37	20.5	8.7	417	2.53	10.4	.7	11.0	.7	18.5	.21	1.03	.19	48	.18	.065	13.4	27.5	.39	195.4	.037	1	1.37	.008	.05	<.2	.10	53	.5	.05	4.8	.01
99X10189	1.70	42.70	12.20	90.7	51	35.2	15.5	771	3.25	13.2	1.3	5.4	5.1	39.5	.32	1.47	.23	59	.35	.071	16.5	29.9	.64	584.2	.080	1	1.83	.017	.08	<.2	.12	80	.3	.04	5.4	.01
99X10190	1.68	40.43	10.98	75.3	41	29.8	11.6	600	3.25	13.4	.9	4.1	1.8	27.1	.19	1.68	.22	54	.22	.058	13.8	28.5	.47	424.6	.043	<1	1.48	.008	.06	<.2	.09	82	.3	.05	4.7	.01
99X10191	1.03	14.80	9.80	48.8	21	16.3	12.4	764	2.97	13.3	.6	3.7	1.4	13.5	.19	.96	.30	46	.13	.069	10.2	26.3	.36	108.6	.037	1	1.64	.007	.04	.3	.12	47	.6	.05	4.9	.03
99X10192	.96	19.81	7.01	48.8	37	14.8	6.1	257	1.95	6.6	.7	3.6	.3	15.5	.18	.63	.17	38	.16	.061	13.0	25.5	.40	219.3	.024	1	1.34	.006	.05	<.2	.10	46	.3	.03	4.6	.01
99X10193	2.23	25.62	11.43	78.4	26	24.9	17.4	1075	3.26	13.9	.8	3.0	3.3	25.8	.30	1.35	.21	50	.19	.091	10.9	31.2	.49	203.5	.042	<1	1.55	.007	.06	<.2	.12	51	.7	.05	4.7	.02
99X10194	1.61	34.60	10.49	80.0	44	31.3	11.7	505	3.08	14.2	1.0	6.6	3.8	29.1	.17	1.33	.37	53	.27	.086	16.9	32.8	.57	497.2	.060	1	1.71	.012	.07	.5	.16	96	.3	.06	4.7	.01
99X10195	2.89	25.97	11.16	57.7	83	19.4	10.4	500	2.84	15.3	.6	3.9	.7	38.9	.21	1.26	.23	53	.13	.069	10.9	22.4	.38	327.6	.026	1	1.36	.007	.08	.2	.17	67	.8	.08	4.6	.05
99X10196	1.07	21.20	10.37	65.9	41	23.0	10.1	432	2.94	11.7	.9	7.5	3.0	18.5	.15	.78	.22	54	.21	.045	19.2	33.6	.58	556.4	.041	1	1.87	.008	.06	<.2	.13	43	.2	.05	5.6	<.01
99X10197	1.13	16.58	12.17	67.2	20	18.8	19.4	904	3.12	10.7	.6	2.4	1.3	11.4	.24	.70	.23	51	.10	.060	12.3	33.4	.54	205.9	.034	1	1.78	.006	.07	<.2	.12	41	.3	.04	6.1	.01
RE 99X10197	1.06	15.20	11.45	65.2	19	18.3	17.1	874	3.03	9.8	.5	2.8	1.2	10.2	.22	.65	.21	49	.09	.059	10.7	28.4	.50	189.1	.030	1	1.63	.005	.06	<.2	.11	24	.3	.04	5.3	.01
99X11182	.84	25.74	10.62	62.0	48	27.4	10.4	442	2.84	9.5	.7	3.7	5.8	22.5	.11	.79	.18	45	.30	.048	20.5	31.5	.65	856.5	.026	1	1.88	.008	.07	<.2	.12	38	.1	.05	5.2	.01
99X11183	4.06	57.35	105.73	87.4	185	36.3	19.7	722	3.82	19.9	.9	11.3	2.9	23.3	.44	5.36	.24	43	.11	.072	9.6	26.7	.37	251.3	.026	1	1.44	.005	.08	<.2	.23	120	1.2	.10	3.5	.04
99X11184	9.23	84.02	83.68	104.7	433	41.7	17.1	585	3.96	24.6	1.7	13.0	3.3	40.5	.50	4.59	.29	44	.20	.117	15.7	23.3	.33	471.3	.021	1	1.28	.006	.08	<.2	.26	289	1.2	.12	3.1	.04
99X11185	2.57	102.58	139.27	92.8	171	42.6	14.7	1780	4.06	28.3	1.3	14.8	4.8	20.8	.49	6.31	.35	47	.07	.047	9.9	28.8	.42	215.3	.040	1	1.69	.006	.05	<.2	.26	703	1.2	.22	4.2	.02
99X11186	4.12	212.23	166.81	127.4	388	60.6	32.9	1812	7.93	51.6	1.8	21.6	3.1	85.2	.39	13.71	.74	53	.27	.260	15.0	29.4	.25	689.6	.013	2	1.32	.007	.09	<.2	.26	383	1.7	.53	3.8	.14
99X11187	1.95	31.66	16.29	84.6	72	23.9	19.4	1328	3.67	11.3	.7	3.8	2.4	15.8	.30	1.24	.21	41	.13	.140	16.1	26.1	.45	276.5	.019	1	1.44	.003	.09	<.2	.16	84	.7	.04	4.5	.03
99X11189	2.61	140.68	35.86	163.1	36	52.8	34.2	3188	5.57	16.5	.8	3.8	4.7	22.1	.56	4.49	.47	57	.05	.087	13.7	24.1	.23	425.0	.017	1	1.32	.004	.07	<.2	.18	78	1.0	.22	4.7	.01
99X11190	1.34	21.13	12.15	69.4	16	25.0	13.6	679	3.19	12.7	.6	2.9	4.3	11.7	.27	1.11	.20	51	.11	.058	13.2	30.0	.60	148.9	.035	1	1.83	.006	.07	<.2	.13	31	.6	.04	5.7	.02
99X12158	1.47	38.25	11.89	83.2	59	20.6	13.1	596	3.34	12.8	.6	7.5	.9	13.1	.31	1.09	.23	64	.13	.085	10.4	29.8	.33	108.9	.039	1	1.70	.006	.05	.3	.11	66	.8	.07	5.7	.04
99X12159	1.32	21.83	10.36	78.0	69	21.9	12.8	619	3.54	13.5	.6	4.3	2.2	13.9	.20	1.01	.23	58	.12	.066	9.8	30.5	.37	137.0	.053	1	1.90	.008	.07	.2	.11	74	.8	.05	5.3	.04
99X12160	1.38	15.73	9.86	54.4	20	15.1	6.2	296	3.30	10.8	.4	2.8	2.1	9.7	.09	.82	.25	62	.08	.035	9.0	24.7	.26	123.1	.042	1	1.62	.005	.05	<.2	.10	43	.6	.04	6.5	.03
99X12161	1.38	17.42	10.55	66.9	63	23.4	12.2	434	3.41	12.6	.6	3.2	4.2	12.0	.20	.94	.23	62	.11	.053	10.1	29.9	.35	149.2	.055	1	2.54	.009	.06	.2	.12	51	.8	.05	6.1	.02
99X12162	1.34	15.98	11.53	58.6	45	18.1	12.3	697	3.49	12.9	.6	4.6	2.1	11.9	.19	.88	.24	62	.10	.055	10.3	31.7	.33	179.3	.051	1	1.98	.006	.05	.2	.11	62	.8	.05	6.1	.03
STANDARD DS2	14.25	124.73	25.58	155.0	221	35.7	12.1	792	3.25	61.6	19.4	190.3	3.3	32.5	10.92	9.28	10.17	72	.56	.083	13.5	153.0	.54	129.7	.108	2	1.67	.036	.16	6.8	2.04	220	2.3	1.79	5.9	.03

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: SOIL Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 29 1999 **DATE REPORT MAILED:** Aug 10/99 **SIGNED BY** ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data A FA ____

ACME ANALYTICAL

International Kodiak Resources Inc. PROJECT AREA 5/#26 FILE # 9902596 Page 2

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99X12163	1.05	24.21	10.13	72.9	47	27.6	11.3	409	2.99	12.3	.9	4.3	4.1	15.4	.18	.86	.17	54	.15	.054	12.4	28.8	.42	291.6	.043	2	1.81	.007	.06	.3	.10	61	.6	.04	5.1	.01
99X12164	1.55	11.34	12.16	41.1	35	11.3	6.2	249	4.53	15.3	.4	3.8	2.8	8.5	.09	1.00	.25	77	.06	.032	9.8	27.6	.27	93.8	.066	1	1.65	.005	.04	.2	.11	51	.6	.05	9.3	.01
99X12165	1.24	11.09	13.23	42.7	24	13.2	5.9	212	4.64	14.8	.4	2.0	2.8	8.1	.05	.91	.22	87	.07	.032	9.7	30.6	.31	74.4	.067	1	1.66	.004	.04	<.2	.10	46	.5	.04	9.0	.01
99X12166	1.20	23.86	9.95	66.6	74	26.8	12.8	324	2.77	13.1	.8	7.5	5.5	15.0	.16	.99	.15	55	.10	.031	11.1	36.5	.49	266.2	.063	1	2.22	.009	.06	<.2	.11	99	.6	.03	5.2	<.01
99X12167	2.05	35.81	11.31	132.5	71	35.6	13.1	349	5.13	12.4	.8	4.3	3.2	45.2	.12	1.09	.16	59	.07	.057	9.6	29.6	.31	260.0	.038	2	1.79	.014	.11	<.2	.20	141	1.0	.06	6.6	.09
99X12168	1.18	17.67	10.24	45.2	37	12.2	6.2	277	2.57	9.7	.5	4.4	.5	13.1	.12	.74	.36	51	.08	.045	9.0	24.3	.21	141.4	.033	1	1.21	.005	.05	.4	.11	50	.6	.06	5.2	.03
99X12169	1.64	25.30	8.22	88.7	186	22.6	8.4	177	2.39	6.5	1.3	6.4	5.4	46.5	.19	.80	.14	48	.38	.082	13.1	28.5	.66	416.9	.044	2	1.50	.010	.12	<.2	.14	142	1.5	.04	4.8	.02
99X12170	3.36	37.25	13.17	110.0	98	29.8	14.4	248	3.35	9.5	2.2	2.3	5.9	42.1	.58	1.47	.17	61	.25	.043	10.4	33.8	.69	642.7	.021	3	2.06	.009	.12	<.2	.20	59	1.7	.04	6.4	.02
99X12171	1.71	22.23	10.77	65.5	46	20.4	9.0	261	2.93	13.7	1.0	5.4	5.6	12.3	.39	1.21	.56	60	.07	.022	11.3	31.0	.48	216.0	.064	1	1.87	.007	.06	.5	.17	39	.5	.08	5.4	<.01
99X12172	1.94	58.95	18.51	114.5	136	28.2	11.7	671	4.03	12.3	.8	4.0	1.8	18.9	.51	1.00	.38	73	.06	.075	10.3	27.9	.20	357.0	.042	2	1.37	.005	.08	.2	.17	70	.7	.10	7.1	.03
RE 99X12172	2.14	60.05	19.77	116.7	148	29.1	12.2	686	4.14	13.2	.9	5.1	1.9	20.9	.53	1.10	.37	76	.06	.076	11.1	30.2	.21	381.3	.045	2	1.45	.005	.08	<.2	.18	76	.8	.11	7.6	.02
99X12173	1.85	88.82	17.02	183.2	516	53.3	18.4	1370	3.41	10.5	2.9	15.4	1.1	25.1	3.32	.92	.31	58	.09	.084	11.5	32.1	.25	492.1	.023	2	1.75	.005	.08	<.2	.19	274	.9	.06	5.2	.03
99X12174	3.19	39.01	12.07	112.4	276	24.5	8.8	291	3.11	11.0	.5	3.6	3.3	18.3	.45	1.19	.21	68	.12	.049	8.9	27.7	.44	508.8	.029	1	1.73	.008	.10	<.2	.13	38	.5	.04	5.9	<.01
99X12175	1.63	21.59	8.52	64.1	102	17.8	7.2	263	2.60	9.4	.4	1.5	2.9	13.6	.22	.84	.16	64	.07	.032	7.9	24.7	.38	365.5	.020	1	1.55	.006	.10	<.2	.11	29	.4	.05	5.7	.02
99X12176	1.56	20.61	9.54	62.2	58	18.8	7.1	217	3.26	8.4	.3	1.3	2.4	11.1	.17	.88	.24	81	.06	.027	8.1	29.5	.23	544.0	.025	1	1.94	.005	.04	<.2	.11	38	.4	.05	8.2	.01
STANDARD DS2	14.38	128.41	30.27	159.7	243	36.0	12.7	817	3.24	60.1	20.6	186.5	3.5	32.6	11.16	9.62	10.96	74	.57	.084	13.6	154.8	.54	132.9	.110	2	1.70	.037	.16	7.1	1.94	232	2.4	1.82	6.1	.02

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data FA ___

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 6/#27 File # 9902597 Page 1

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99X01008	.89	31.44	7.05	56.8	46	23.9	9.9	371	2.82	10.6	.6	2.6	1.0	19.2	.19	.80	.20	63	.28	.066	11.0	28.2	.54	238.5	.048	1	2.10	.007	.04	.4	.09	62	.5	.03	5.6	.05
99X01009	.93	26.06	7.10	63.0	35	25.7	12.7	497	2.92	10.5	.6	2.6	1.3	20.0	.15	.74	.18	69	.33	.063	10.9	29.2	.59	261.3	.066	1	2.14	.008	.04	.3	.09	50	.5	.02	6.0	.03
99X01010	.90	28.05	6.54	60.3	45	60.2	20.8	606	3.14	9.1	.6	2.2	1.0	20.7	.16	.59	.17	73	.39	.065	10.4	53.5	1.17	276.8	.082	1	2.15	.008	.05	.2	.09	39	.4	.02	6.4	.04
99X01011	1.00	23.64	5.64	63.5	75	46.1	14.7	486	3.15	7.4	.6	2.0	.7	19.6	.13	.51	.15	77	.30	.064	9.1	63.4	1.01	278.7	.072	1	1.95	.009	.04	<.2	.10	39	.4	.03	6.4	.04
99X01012	.99	21.90	5.48	58.9	37	30.4	12.7	446	3.09	7.8	.5	1.8	1.2	18.2	.24	.60	.14	74	.27	.065	10.9	41.9	.70	212.2	.074	1	1.64	.007	.05	.2	.10	47	.4	.03	5.6	.02
99X01013	2.18	20.84	6.33	71.6	182	13.3	28.8	2672	6.47	5.6	.4	.8	.1	26.8	.49	.56	.15	96	.48	.218	9.7	17.6	.67	199.6	.031	1	1.93	.012	.08	<.2	.09	63	.6	.06	8.8	.13
99X01014	1.49	15.54	5.79	39.6	95	11.9	11.4	690	2.85	6.7	.5	.7	.4	35.6	.36	.59	.17	68	.97	.066	8.0	19.6	.31	154.2	.048	1	1.07	.009	.06	<.2	.09	37	.6	.04	6.0	.07
99X01015	1.24	27.60	6.44	61.6	33	18.4	10.3	488	3.18	8.6	.6	1.5	.5	14.4	.15	.65	.18	80	.16	.060	11.0	30.8	.52	277.3	.069	1	1.84	.008	.05	<.2	.10	42	.6	.04	7.2	.04
99X01016	2.70	77.74	6.03	117.3	280	79.6	31.4	800	5.65	9.2	.8	2.1	2.5	25.4	.67	1.08	.15	153	.67	.114	19.8	129.7	1.44	191.2	.175	1	2.16	.010	.05	<.2	.19	138	.8	.04	7.7	.02
99X01017	1.93	35.58	5.89	103.7	67	46.4	26.4	958	4.49	9.3	.7	2.5	2.1	18.1	.62	.84	.16	115	.29	.084	14.3	49.4	.83	221.6	.117	1	2.06	.008	.05	.2	.13	41	.4	.03	6.8	.03
99X01018	2.63	33.32	6.52	112.7	149	37.0	21.7	762	3.85	11.4	.9	9.0	1.4	18.2	.82	1.25	.16	95	.22	.089	15.6	41.4	.64	219.9	.057	1	1.81	.008	.07	<.2	.18	108	.7	.04	6.1	.05
99X01019	6.63	38.18	6.03	147.1	93	55.0	26.9	1112	4.68	8.6	.7	2.5	1.1	16.5	1.16	1.04	.14	113	.26	.089	13.8	47.8	.71	235.3	.103	1	1.89	.009	.05	<.2	.18	63	.5	.03	6.9	.03
99X01020	2.00	36.87	5.61	73.4	139	34.0	14.4	403	3.30	5.8	.8	1.4	.3	23.9	.69	.59	.17	84	.35	.116	13.7	37.4	.46	290.2	.139	1	1.87	.011	.05	<.2	.11	86	.9	.04	6.1	.09
99X01021	1.51	29.71	9.61	60.6	96	20.0	16.0	1514	2.88	11.8	.6	2.9	.6	12.7	.22	1.08	.31	62	.08	.075	9.8	27.1	.31	158.8	.045	1	1.50	.008	.06	.3	.15	93	.7	.06	6.2	.06
99X01022	7.37	79.06	17.10	81.0	864	37.8	15.4	1959	4.94	43.4	2.2	10.7	1.6	46.8	.35	3.55	.44	85	.08	.137	10.4	38.2	.23	686.0	.024	3	1.35	.062	.32	<.2	.86	185	5.2	.20	6.2	.61
99X01023	7.77	69.68	22.25	84.1	1099	35.0	20.7	1747	2.50	19.2	4.9	14.6	1.0	55.6	1.02	3.29	.31	114	.14	.125	14.0	40.8	.35	1245.8	.008	3	1.07	.009	.23	<.2	.31	443	7.3	.25	4.6	.24
99X01024	3.81	87.19	13.40	159.7	1402	42.2	12.7	616	3.12	13.5	2.3	16.8	.5	47.2	1.39	2.60	.22	85	.48	.211	16.7	26.7	.52	855.5	.017	4	1.68	.008	.17	<.2	.37	507	2.4	.11	5.2	.07
99X01025	3.51	84.98	11.08	140.4	209	42.1	18.3	959	3.73	10.4	1.6	8.8	1.5	25.4	.60	1.36	.23	46	.11	.110	9.3	20.6	.22	726.9	.013	2	1.36	.003	.09	<.2	.22	112	1.7	.10	4.3	.02
RE 99X01024	3.93	88.98	13.63	161.7	1394	43.4	13.3	629	3.15	14.3	2.4	20.5	.5	47.4	1.37	2.57	.22	83	.49	.215	16.7	30.0	.52	858.2	.017	3	1.67	.009	.16	<.2	.36	539	2.4	.10	5.1	.07
99X01026	3.64	47.91	11.05	89.1	309	26.8	13.2	752	3.40	19.7	1.7	7.1	.7	28.8	.44	1.87	.25	99	.16	.133	10.2	34.1	.40	608.9	.032	1	1.48	.006	.11	<.2	.26	93	1.8	.08	6.2	.09
99X01027	2.37	194.24	35.85	84.1	361	50.4	14.6	1508	6.93	12.8	.9	3.1	2.2	17.2	.18	2.54	.53	68	.03	.101	4.8	32.0	.27	195.5	.033	2	2.20	.006	.11	<.2	.14	120	1.4	.58	8.6	.07
99X01028	8.20	111.48	18.82	216.1	578	49.0	18.8	613	4.24	14.8	3.0	10.0	8.6	68.8	1.28	2.71	.21	89	.51	.192	21.1	33.1	1.51	488.6	.007	5	2.40	.007	.34	<.2	.35	301	2.8	.12	7.1	.06
99X01029	23.70	226.03	16.71	604.5	139	89.3	17.3	352	4.88	22.5	3.6	15.2	2.3	51.5	2.35	9.74	.24	101	.39	.278	13.2	20.8	.36	429.1	.009	3	1.48	.005	.18	<.2	.75	375	7.3	.16	4.3	.01
99X01030	1.88	62.95	11.67	38.7	60	14.1	8.9	347	3.58	8.3	.5	4.0	2.1	10.7	.09	1.07	.39	82	.04	.059	9.7	26.7	.13	103.6	.027	1	1.45	.005	.05	<.2	.12	65	.7	.22	8.7	.02
99X01031	1.79	181.37	18.74	136.5	73	90.5	124.7	3267	6.83	17.6	.6	3.5	4.4	9.6	.19	1.84	.36	52	.01	.108	3.0	45.9	.54	204.7	.008	1	3.23	.006	.10	<.2	.26	69	2.5	.13	6.6	.01
99X01032	4.06	177.67	36.76	114.3	520	69.7	46.2	2375	7.15	25.1	3.4	38.5	8.1	232.6	.39	5.16	.28	102	.02	.155	15.8	46.5	.90	893.5	.010	1	3.20	.037	.29	<.2	.39	291	3.3	.16	7.3	.67
99X01033	7.00	198.70	20.14	272.4	443	53.2	35.1	4033	3.63	9.5	1.6	36.7	5.4	46.7	1.15	2.53	.20	67	.06	.135	20.0	31.2	.52	450.6	.014	2	1.82	.005	.11	<.2	.36	85	2.0	.09	4.3	.03
99X01034	2.44	87.86	20.17	75.4	181	36.9	24.6	2442	5.21	6.1	1.1	16.0	13.1	22.4	.40	.58	.13	33	.51	.095	44.8	42.4	3.38	324.0	.018	4	3.99	.008	.14	<.2	.20	203	.2	.03	9.2	.01
99X01035	24.94	126.93	32.43	177.3	76	54.2	37.0	656	6.29	34.1	6.3	7.9	12.1	43.0	1.18	8.83	.23	68	.06	.127	27.3	29.4	1.24	325.9	.019	8	3.43	.009	.41	<.2	.62	178	3.9	.11	9.0	.03
99X01036	4.27	58.93	19.73	77.8	649	36.0	25.5	940	4.28	16.0	2.4	7.1	5.7	48.3	.69	1.57	.13	39	1.54	.140	30.5	26.4	1.17	838.9	.010	5	2.88	.007	.11	<.2	.26	345	1.1	.06	4.7	.08
99X01037	16.46	102.14	22.11	147.3	519	37.7	13.4	281	4.54	31.1	7.1	7.2	7.8	156.2	.96	3.36	.16	63	.16	.169	36.2	23.4	.40	460.9	.025	2	1.50	.040	.30	<.2	.97	280	3.9	.13	4.3	.57
99X01038	6.97	244.85	15.53	153.7	836	36.9	6.1	196	4.76	9.0	2.4	47.9	1.1	23.2	.39	2.60	.32	115	.07	.227	6.1	42.0	.20	972.1	.006	2	1.58	.006	.08	<.2	.21	234	2.4	.13	5.0	.12
99X02032	1.34	37.44	11.42	61.0	112	23.4	9.6	328	2.90	12.7	.6	4.1	1.5	27.0	.17	1.16	.25	57	.06	.045	10.6	30.4	.34	285.3	.037	2	1.67	.006	.09	<.2	.19	203	.9	.08	5.1	.06
99X02033	4.08	30.48	12.66	46.7	108	18.7	7.4	358	2.69	14.7	1.1	4.1	2.4	43.8	.21	1.60	.27	66	.08	.047	10.9	25.0	.24	470.5	.041	1	1.41	.009	.09	<.2	.18	68	1.0	.10	5.6	.07
STANDARD DS2	13.88	124.33	26.63	152.7	230	35.3	12.3	784	3.17	61.8	20.1	192.6	3.5	28.9	11.12	9.80	10.58	72	.56	.082	13.6	160.2	.55	133.0	.116	1	1.73	.036	.15	7.0	2.10	233	2.4	1.82	6.0	.02

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: SOIL Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 29 1999 **DATE REPORT MAILED:** Aug 6/99 **SIGNED BY** C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data ___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99X02034	10.45	80.92	11.17	163.7	427	26.7	7.0	376	2.75	15.4	1.1	6.9	.3	14.0	.75	3.58	.28	116	.10	.131	9.2	21.0	.24	159.4	.020	2	1.28	.006	.10	<.2	.34	169	3.4	.13	6.6	<.01
99X02035	1.82	45.40	11.95	89.3	138	39.7	22.9	3716	5.03	13.4	.7	7.0	1.5	20.6	.32	1.14	.24	59	.13	.083	15.0	30.0	.32	418.2	.034	3	1.34	.009	.11	<.2	.18	116	.7	.07	6.0	.03
99X02036	11.62	202.78	18.27	338.2	1044	75.1	22.1	981	3.97	13.4	2.2	15.7	4.3	99.2	2.97	5.11	.23	149	.63	.258	11.9	36.5	.83	813.5	.024	6	1.76	.010	.26	<.2	.38	380	4.1	.21	6.3	.03
99X02037	2.70	53.61	10.42	80.4	187	33.4	13.7	1441	3.25	14.4	.7	5.7	1.5	28.6	.37	1.33	.25	63	.09	.063	10.5	26.6	.21	355.0	.036	2	1.18	.005	.08	<.2	.25	225	1.4	.10	5.5	.04
99X02038	1.49	35.83	11.23	89.0	84	38.6	22.0	1722	3.38	14.5	.6	6.9	3.0	14.6	.44	1.21	.23	55	.10	.056	11.9	30.0	.41	348.9	.045	1	1.49	.007	.07	.3	.13	81	.9	.07	5.2	.03
99X02039	21.34	168.90	24.60	264.5	521	110.3	36.2	1518	5.89	33.9	5.6	11.1	9.1	136.3	1.79	4.60	.27	104	.38	.199	20.8	29.0	.37	1097.0	.021	4	1.35	.006	.25	<.2	.69	557	4.2	.32	5.4	.10
99X02040	11.07	170.81	13.13	294.3	240	65.9	15.8	476	3.67	15.4	1.5	22.8	4.1	78.6	1.15	4.50	.26	86	.19	.152	9.8	32.6	.38	597.1	.031	2	1.76	.007	.12	<.2	.41	135	3.1	.15	4.7	.05
99X02041	2.96	20.42	10.76	52.0	73	14.9	6.6	778	2.90	11.3	.5	5.6	3.0	12.1	.18	1.08	.34	76	.08	.033	11.2	24.7	.21	159.1	.067	1	1.20	.006	.06	.2	.18	76	.6	.07	8.4	.01
99X02042	3.34	49.25	13.21	137.2	310	34.7	13.8	746	3.45	20.7	.7	8.3	3.7	20.4	.36	2.54	.25	72	.10	.046	9.3	38.0	.41	295.4	.045	1	1.49	.008	.07	.2	.22	220	3.2	.09	4.9	.02
99X02043	4.82	57.11	14.98	103.7	97	38.3	19.1	2214	3.50	18.0	.8	4.9	3.5	28.5	.37	2.65	.26	57	.10	.062	7.3	31.1	.33	381.1	.042	1	1.45	.006	.08	<.2	.18	209	1.9	.16	4.2	.04
99X02044	6.39	104.97	16.81	211.9	273	81.3	45.3	1425	4.81	16.7	1.4	13.5	6.0	25.1	.45	2.80	.27	58	.07	.073	11.7	42.9	.77	792.3	.045	4	2.27	.013	.25	<.2	.27	245	2.5	.11	7.4	.09
99X02045	4.43	55.78	19.34	114.2	105	51.2	23.0	1251	3.64	14.5	1.0	5.8	4.4	25.9	.33	1.99	.23	52	.07	.042	8.8	28.2	.39	319.7	.046	1	1.89	.011	.10	<.2	.29	77	1.3	.09	4.7	.07
99X04176	1.87	30.75	8.50	84.4	38	38.8	20.8	2244	2.63	11.0	.4	1.7	.9	11.2	.26	.92	.30	52	.08	.061	7.7	24.0	.28	181.9	.035	1	1.30	.004	.05	.3	.13	58	.6	.07	5.6	.01
99X04177	1.52	90.98	8.23	76.1	165	39.2	27.7	1526	3.83	9.5	1.0	6.9	3.6	19.1	.53	1.03	.20	35	.08	.088	6.5	20.3	.15	323.6	.016	1	1.19	.003	.06	<.2	.23	591	1.2	.08	4.1	.02
99X04178	2.62	28.18	11.74	9.5	442	7.0	1.4	64	.75	9.4	.8	12.7	.5	26.5	.11	1.09	.19	53	.03	.033	5.6	15.5	.06	404.2	.009	2	.36	<.001	.08	<.2	.14	648	2.7	.17	2.0	.05
99X04179	1.48	26.96	8.89	75.6	48	23.7	9.8	423	2.97	12.5	.7	4.4	1.3	13.2	.22	.98	.23	60	.12	.063	9.8	30.4	.50	163.9	.043	1	1.78	.008	.05	<.2	.13	71	.7	.05	5.9	.03
99X04180	8.51	107.73	23.17	82.4	1005	40.0	10.8	681	3.02	22.0	3.6	15.3	2.0	165.7	.30	4.82	.34	90	.05	.104	8.8	27.3	.08	1534.2	.007	3	.79	.004	.17	<.2	.25	663	4.3	.41	3.6	.14
RE 99X04181	1.64	94.73	8.40	83.2	44	31.0	11.1	693	2.70	7.9	.7	5.3	1.3	15.0	.24	1.06	.17	48	.08	.060	6.0	24.7	.27	227.4	.030	1	1.24	.005	.05	<.2	.10	64	.8	.09	3.3	.02
99X04181	1.56	92.70	8.28	83.2	41	30.3	10.8	679	2.67	7.9	.7	5.3	1.2	15.5	.22	1.01	.17	48	.09	.060	6.0	25.4	.27	230.3	.031	1	1.22	.005	.05	<.2	.10	71	.7	.07	3.3	.02
99X04182	1.86	58.29	9.59	133.7	95	72.1	28.7	4255	3.84	12.0	.8	5.5	3.2	22.4	.50	1.11	.28	56	.13	.110	11.4	29.4	.33	411.1	.048	1	1.51	.005	.09	.2	.14	92	.9	.09	5.6	.02
99X04183	4.67	74.31	13.59	77.1	944	37.6	12.4	1132	3.01	23.2	2.1	15.2	1.5	84.9	.25	2.94	.28	92	.07	.085	8.5	37.8	.22	581.3	.027	1	1.09	.004	.13	<.2	.33	377	4.0	.20	4.5	.18
99X04184	1.45	22.70	10.18	65.5	22	20.5	8.8	372	3.06	13.2	.7	4.4	2.1	12.3	.19	1.05	.23	65	.10	.045	10.2	34.0	.46	112.2	.063	1	1.91	.007	.04	<.2	.15	75	.7	.06	6.4	.01
99X04185	3.68	99.54	19.38	16.1	946	18.3	4.0	135	.78	9.8	2.8	17.7	.8	74.9	.13	2.11	.20	64	.03	.065	5.6	34.7	.06	1118.6	.011	2	.56	.002	.06	<.2	.21	1254	2.1	.21	3.2	.04
99X04186	2.08	27.72	10.55	89.5	67	24.5	12.6	571	3.49	13.7	1.2	4.9	.6	17.0	.36	1.19	.26	74	.16	.116	11.3	36.1	.57	182.1	.041	2	1.96	.009	.09	<.2	.18	73	.9	.06	6.9	.02
99X04187	2.65	23.82	10.03	72.5	143	18.5	7.5	339	2.93	12.0	.9	4.7	.1	13.7	.38	1.11	.30	76	.09	.100	8.8	34.3	.39	170.7	.022	1	1.95	.007	.05	<.2	.23	66	.9	.06	8.4	.04
99X04188	1.08	25.23	8.51	73.5	40	28.0	13.0	619	2.59	12.0	.6	4.3	2.7	13.3	.29	.95	.17	44	.14	.072	9.2	27.4	.46	143.6	.045	1	1.68	.007	.05	.2	.10	44	.6	.04	4.2	.01
99X04189	1.43	32.50	9.58	84.8	48	40.2	21.9	1764	3.08	8.8	.6	2.8	2.5	15.7	.38	.92	.19	46	.15	.084	10.2	24.1	.37	266.1	.041	1	1.34	.006	.07	.3	.09	55	.7	.04	4.4	.02
99X04190	2.49	40.46	8.56	84.5	166	32.2	11.7	672	3.14	11.1	1.0	5.6	.9	18.1	.39	1.27	.24	56	.07	.067	9.2	30.7	.34	165.2	.034	1	1.55	.006	.07	<.2	.15	78	1.0	.06	5.3	.03
99X04191	1.18	40.30	10.36	55.4	32	22.5	9.9	358	2.55	11.9	.7	4.4	3.4	15.4	.14	1.20	.19	47	.11	.045	10.3	28.9	.44	159.5	.059	1	1.49	.006	.05	<.2	.11	41	1.0	.05	4.1	<.01
99X04211	6.77	35.09	23.09	76.7	1424	23.0	9.5	542	5.11	25.0	.6	6.0	2.1	18.2	.27	9.84	.48	74	.07	.098	6.0	26.2	.29	428.8	.034	2	1.61	.005	.12	.2	.17	221	2.6	.35	6.2	.13
99X04212	4.80	22.30	12.34	42.4	901	15.7	4.2	149	3.27	18.2	1.0	8.8	2.1	26.7	.23	2.04	.28	125	.11	.152	7.0	36.2	.20	377.7	.035	1	1.45	.006	.09	.3	.18	231	1.7	.16	6.7	.11
99X04213	5.88	20.74	14.05	43.1	483	23.1	6.6	226	3.60	28.6	.7	6.3	1.9	30.0	.19	7.16	.27	112	.06	.058	5.2	44.2	.28	376.8	.035	1	1.78	.005	.12	<.2	.39	418	3.7	.14	6.2	.14
99X04214	1.65	20.91	7.56	47.9	144	20.0	6.1	225	2.27	10.9	.8	8.8	1.4	17.4	.13	1.19	.17	62	.16	.058	9.8	26.8	.40	285.1	.042	1	1.46	.007	.05	.2	.12	111	.7	.05	4.3	<.01
99X04215	1.90	30.88	8.72	96.1	155	33.0	13.3	577	3.50	15.1	.8	5.1	3.4	17.2	.77	1.54	.24	73	.15	.080	9.5	38.4	.52	300.2	.060	1	2.34	.010	.09	.2	.14	71	.8	.05	6.1	.03
STANDARD DS2	14.04	127.22	24.86	155.4	256	35.5	12.5	794	3.21	63.1	19.8	195.2	3.4	29.4	11.25	9.77	10.55	74	.57	.085	12.1	159.3	.57	136.9	.114	2	1.75	.038	.16	7.1	2.09	237	2.4	1.92	6.1	.02

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data A FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99X04216	5.53	143.05	12.33	258.5	336	96.6	18.2	1329	4.09	21.7	2.0	17.8	4.3	25.1	3.00	5.60	.27	87	.08	.077	10.9	32.7	.34	410.1	.028	2	1.64	.006	.07	.2	.26	309	1.6	.11	4.6	<.01
99X04217	1.91	31.42	8.85	84.4	121	25.2	10.4	293	2.87	13.2	.8	6.1	4.5	18.3	.54	1.59	.23	62	.12	.058	10.4	28.9	.42	333.1	.044	2	1.80	.007	.05	.2	.13	71	.8	.05	5.5	<.01
99X04218	3.36	49.24	10.56	120.7	80	38.4	10.1	267	3.44	13.6	.8	6.4	4.5	23.7	.66	2.25	.23	73	.08	.058	9.7	30.0	.51	372.4	.028	2	2.06	.006	.10	<.2	.19	70	1.1	.07	6.1	.02
99X04219	2.04	34.40	9.87	93.3	113	29.5	12.1	396	2.92	11.0	.7	5.2	4.8	23.3	.42	1.52	.20	61	.20	.049	11.8	32.9	.58	377.2	.048	2	1.73	.010	.08	<.2	.15	60	.7	.05	5.5	.01
99X04220	2.67	44.24	10.46	116.4	162	35.8	13.6	593	3.20	12.5	1.3	8.2	4.3	32.2	.47	1.91	.22	64	.28	.085	13.7	31.1	.58	612.8	.037	1	1.82	.010	.08	<.2	.16	131	.9	.06	5.8	.02
99X04221	1.94	59.12	12.98	81.5	531	23.0	13.2	961	2.78	7.2	1.3	12.4	2.0	40.7	.52	1.10	.25	43	.53	.152	24.1	31.6	.53	461.1	.012	2	1.69	.007	.11	<.2	.16	212	.8	.06	5.7	.06
99X04222	2.46	42.07	17.10	103.1	394	28.1	15.2	825	3.70	9.3	.9	9.3	4.4	33.4	.46	1.34	.23	41	.29	.106	23.4	24.1	.46	663.7	.013	2	1.62	.006	.10	<.2	.20	126	.8	.05	5.0	.03
99X04223	1.91	54.31	12.23	83.3	72	27.9	14.4	245	4.04	7.6	.5	1.8	6.5	8.9	.25	.94	.24	62	.10	.040	15.8	34.0	.72	408.0	.007	1	2.67	.005	.08	<.2	.20	37	.6	.04	8.4	<.01
99X04224	2.05	89.67	7.03	87.6	136	54.6	38.9	1454	6.84	7.4	.5	3.5	2.3	31.7	.39	.62	.10	170	1.07	.115	30.2	55.1	1.67	381.4	.178	2	2.19	.012	.03	<.2	.09	133	.8	.04	10.2	.07
99X04225	1.36	53.38	5.07	79.7	124	47.2	26.1	916	4.25	5.4	.6	4.7	2.1	31.1	.30	.54	.10	125	1.26	.093	19.0	59.0	1.30	283.1	.195	2	1.84	.013	.04	<.2	.08	123	.6	.03	8.0	.05
99X04226	2.09	41.16	6.18	97.0	239	55.1	23.0	761	3.84	7.8	.7	4.3	2.2	29.9	.76	1.71	.16	110	.65	.076	20.1	61.4	.96	683.4	.043	2	1.92	.011	.06	<.2	.15	231	.8	.04	6.8	.03
99X04227	1.79	28.38	6.91	72.4	137	33.4	13.2	404	2.95	10.7	.6	2.9	.5	17.9	.31	3.53	.19	73	.19	.088	10.9	38.2	.57	410.5	.040	1	1.58	.009	.06	<.2	.15	81	.7	.04	6.0	.01
99X04228	1.31	31.74	8.56	104.9	65	44.0	16.3	506	2.67	14.1	.7	6.0	1.1	19.1	.54	3.30	.21	55	.22	.091	11.5	35.5	.62	379.3	.049	1	1.69	.010	.07	.2	.14	58	.6	.03	5.5	<.01
99X04229	1.20	27.80	6.79	79.4	78	36.5	13.0	403	2.74	9.3	.7	5.8	2.0	20.0	.39	1.84	.16	56	.26	.089	13.1	33.3	.62	553.0	.059	1	1.54	.010	.05	.2	.11	48	.5	.03	4.9	.01
99X04230	1.00	29.93	10.34	96.5	58	40.1	13.8	401	2.95	13.3	.6	2.8	1.9	20.2	.61	1.93	.19	61	.25	.087	9.7	35.3	.68	328.3	.073	1	1.94	.012	.06	.2	.14	49	.7	.03	5.5	.03
99X04231	1.75	19.14	8.37	64.0	289	19.6	9.1	508	3.70	10.9	.4	1.3	1.3	18.8	.56	1.10	.31	78	.32	.044	11.4	26.6	.31	245.6	.032	1	1.52	.007	.05	.4	.13	36	.5	.06	7.1	.02
99X04232	2.08	25.41	9.26	106.7	429	28.2	7.6	283	2.59	14.5	.8	3.3	1.1	18.9	1.02	2.99	.19	56	.23	.060	11.4	25.0	.38	298.9	.029	1	1.42	.007	.04	.3	.14	148	.7	.05	4.5	.02
99X04233	2.01	93.81	17.51	139.0	212	106.4	55.1	1299	6.48	11.8	.5	5.7	3.7	15.3	.25	.98	.22	107	.27	.046	34.9	100.5	1.54	523.5	.032	2	3.07	.008	.06	<.2	.16	130	.9	.06	9.6	.03
99X04234	1.25	38.64	8.93	89.0	438	55.3	28.7	756	4.72	10.0	.5	2.8	3.7	12.4	.27	4.18	.15	85	.16	.045	11.5	46.6	.59	312.5	.030	1	2.20	.007	.04	<.2	.12	102	.7	.04	5.7	.01
99X04235	2.19	29.38	9.97	159.0	124	41.0	22.9	700	6.13	10.0	.4	.7	2.6	13.2	1.02	1.53	.18	127	.21	.044	9.5	24.4	.95	289.5	.123	1	3.19	.007	.03	<.2	.11	46	.6	.05	11.5	.02
RE 99X04235	2.17	29.20	9.63	159.0	121	41.1	22.5	707	6.14	10.1	.4	2.6	2.6	13.1	1.00	1.54	.18	127	.21	.043	9.3	24.1	.96	292.0	.120	1	3.22	.007	.03	<.2	.11	47	.6	.04	11.5	.01
99X05123	1.60	36.15	8.99	38.0	156	14.2	4.0	275	1.91	7.2	.8	2.9	.2	30.4	.33	.68	.25	51	.32	.065	9.8	20.1	.18	551.2	.023	1	.94	.007	.06	<.2	.11	76	.5	.07	4.7	.05
99X05211	1.05	20.71	7.97	61.8	61	20.5	9.6	464	2.51	7.7	.6	1.7	3.4	24.6	.15	.74	.20	55	.45	.032	9.1	27.8	.53	761.4	.028	1	1.95	.011	.07	<.2	.10	36	.3	.04	5.9	.02
99X05212	2.11	45.28	15.04	81.7	328	30.7	16.1	815	3.17	6.9	.8	9.7	9.3	49.2	.33	1.20	.20	31	1.25	.090	37.1	25.4	.87	620.5	.004	3	2.03	.012	.16	<.2	.15	240	.8	.04	6.3	.02
99X05213	1.34	19.67	7.76	60.5	113	19.9	10.5	278	2.42	11.1	.8	6.3	3.5	27.6	.30	.96	.16	45	.31	.075	13.1	23.9	.41	410.2	.042	1	1.23	.012	.04	.5	.09	62	.6	.04	4.0	.01
99X05214	1.05	18.67	7.67	51.0	77	18.2	7.1	206	2.31	10.3	.6	3.4	3.8	21.7	.20	.83	.15	47	.29	.033	10.3	20.2	.37	304.6	.037	1	1.35	.009	.05	<.2	.09	53	.4	.02	4.5	<.01
99X05215	.93	26.37	8.19	63.3	64	22.5	7.6	251	2.36	10.5	.6	4.6	4.0	24.2	.13	1.02	.17	48	.30	.063	13.7	24.0	.49	291.2	.065	1	1.38	.012	.05	<.2	.09	45	.4	.04	4.5	.01
99X05216	1.07	22.39	9.45	62.9	128	22.5	9.2	259	2.58	12.8	.7	4.7	2.4	21.5	.15	.91	.20	51	.27	.065	12.7	25.5	.47	288.2	.045	1	1.60	.009	.05	.3	.12	70	.6	.04	5.5	.01
99X05217	2.46	24.43	10.74	74.8	112	20.4	11.7	548	3.27	14.4	.6	2.6	3.5	12.4	.26	1.43	.26	68	.08	.040	9.4	30.8	.43	236.8	.059	1	1.81	.007	.07	.2	.14	55	.6	.07	7.0	.01
99X05218	2.66	30.98	13.10	75.6	264	28.7	10.8	404	3.31	17.3	.8	5.8	3.7	18.7	.21	2.10	.27	77	.10	.058	9.0	34.7	.47	287.3	.052	1	1.98	.009	.08	.3	.17	106	1.2	.08	6.7	.04
99X05219	3.17	25.41	11.76	45.5	330	18.7	5.8	160	2.51	13.3	1.1	6.1	.5	21.4	.17	2.54	.24	114	.11	.060	8.2	29.5	.35	327.3	.032	2	1.51	.007	.07	.2	.17	151	1.4	.10	5.7	.04
99X05220	3.01	29.28	14.87	76.7	1037	23.3	10.2	534	3.48	15.7	.9	7.9	.4	15.0	.28	2.09	.29	71	.09	.090	8.0	28.8	.40	232.4	.030	1	1.82	.008	.07	.2	.14	296	1.3	.11	6.3	.04
99X05221	1.51	14.83	8.59	40.0	68	12.7	3.8	116	2.14	10.0	.6	5.3	.4	11.1	.15	1.18	.21	64	.08	.035	8.3	23.2	.31	130.5	.030	1	1.35	.006	.04	<.2	.12	79	.4	.04	5.8	.02
99X05222	2.45	20.79	10.78	77.3	275	22.9	10.6	360	3.09	15.5	.8	3.2	4.8	16.5	.45	1.55	.25	77	.09	.032	10.1	32.6	.48	325.0	.073	1	2.11	.010	.07	.2	.17	69	.7	.07	7.0	.02
STANDARD DS2	14.63	126.49	26.61	156.3	267	35.2	12.4	794	3.22	61.0	20.1	195.1	3.5	30.9	11.24	9.66	10.83	73	.56	.084	12.4	155.9	.55	133.5	.111	2	1.72	.036	.16	7.0	2.10	238	2.5	1.89	6.5	.01

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data A FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99X05223	3.54	69.94	22.61	90.6	370	41.3	9.6	255	3.87	33.0	1.3	8.6	3.6	52.8	.39	4.96	.27	115	.07	.053	7.5	49.6	.40	352.6	.033	1	1.94	.008	.10	<.2	.34	151	1.7	.08	5.9	.06
99X05224	1.90	50.00	11.90	105.6	135	62.1	20.5	714	2.74	13.9	1.0	6.8	3.5	17.8	.78	2.02	.20	62	.09	.044	8.6	26.8	.42	232.4	.041	1	1.69	.007	.06	<.2	.11	190	1.0	.05	4.3	.01
99X05225	1.44	24.66	8.15	68.7	83	26.2	11.1	441	2.14	10.2	.9	7.2	1.2	19.0	.41	1.26	.17	50	.18	.061	10.9	22.6	.39	271.5	.035	1	1.34	.007	.05	.2	.10	79	.6	.03	4.1	<.01
99X05226	1.78	23.79	10.64	67.1	259	25.9	12.3	388	2.35	13.1	1.1	6.7	1.4	21.9	.39	1.91	.20	60	.19	.085	11.1	21.2	.38	504.1	.025	1	1.47	.007	.05	.3	.13	199	2.3	.04	4.5	.02
99X05227	1.66	23.41	11.03	89.8	129	19.5	17.6	667	2.53	5.3	.8	7.5	4.6	25.0	.45	.70	.20	36	.34	.100	19.0	23.6	.71	335.2	.013	2	1.62	.007	.11	<.2	.18	95	.6	.04	5.1	.03
99X05228	2.17	45.10	11.45	82.1	485	23.6	16.2	620	2.67	9.1	1.6	10.3	.9	21.9	.70	1.07	.20	46	.14	.104	14.6	23.4	.47	357.2	.021	1	1.69	.007	.07	<.2	.23	166	.8	.04	4.6	.03
99X05229	1.04	25.04	7.25	49.8	97	16.3	13.6	737	3.28	7.0	.5	1.6	.2	11.1	.23	.50	.16	74	.11	.104	10.7	28.7	.32	225.5	.018	1	1.36	.005	.05	<.2	.10	45	.5	.03	5.8	.02
99X06232	4.52	151.74	25.68	169.5	614	48.2	25.5	491	4.70	25.1	1.6	18.6	11.1	53.4	.45	3.20	.50	62	.93	.072	34.7	34.8	1.01	1339.7	.007	2	2.06	.009	.14	<.2	.28	283	1.0	.13	6.6	.04
99X06233	3.99	44.06	18.79	146.3	137	48.0	21.1	304	4.90	14.9	.9	5.9	10.7	19.7	.78	2.18	.20	47	.23	.046	21.3	31.3	.98	581.3	.007	2	2.23	.006	.13	<.2	.31	135	1.3	.03	5.9	<.01
99X06234	3.97	59.54	31.02	87.4	417	31.2	12.7	1169	3.49	17.3	2.0	12.1	1.9	80.6	.53	2.30	.33	43	.43	.127	11.3	16.2	.25	644.8	.021	2	1.12	.008	.12	<.2	.50	1496	1.1	.15	3.5	.11
99X06235	1.36	22.48	10.34	78.4	232	22.0	10.2	544	2.27	10.5	.8	7.0	3.0	39.0	.40	1.13	.17	49	.43	.079	11.5	22.2	.46	391.2	.046	1	1.27	.013	.06	.4	.13	396	.7	.04	3.9	.03
99X06236	1.93	15.48	10.09	57.6	74	10.4	4.8	150	3.17	9.6	.4	1.5	3.6	9.2	.24	1.08	.34	101	.06	.057	9.9	19.4	.31	131.7	.051	1	1.30	.005	.06	.3	.20	36	.5	.04	7.6	.01
99X06237	.72	24.87	10.07	45.5	66	14.5	10.4	380	2.15	5.5	.8	2.7	1.4	36.1	.53	.43	.19	34	.56	.092	13.8	21.0	.33	457.0	.024	2	1.31	.009	.06	<.2	.09	66	.3	.04	3.9	.07
99X06238	.52	38.19	7.34	52.2	217	17.1	6.9	332	1.50	3.8	2.3	12.4	1.9	92.3	.26	.47	.15	29	2.10	.100	26.9	20.1	.62	391.4	.018	3	1.19	.009	.05	<.2	.13	153	.9	.03	3.6	.08
99X06239	23.93	99.19	30.86	289.1	386	62.6	28.2	745	6.28	29.0	2.3	8.6	5.9	71.1	1.07	7.60	.27	74	.05	.112	13.5	23.4	.31	454.3	.004	1	1.55	.015	.14	<.2	.92	314	4.6	.10	4.2	.15
99X06240	1.38	20.71	9.74	72.0	167	18.8	8.5	325	1.95	5.8	.7	6.0	2.3	40.4	.13	.64	.18	43	.42	.062	10.1	22.5	.56	401.5	.021	2	1.26	.008	.08	<.2	.14	144	1.0	.03	4.7	.04
RE 99X06240	1.50	20.39	9.59	72.6	173	19.1	8.6	326	1.95	6.2	.8	5.5	2.6	42.9	.14	.73	.18	45	.42	.063	10.9	21.2	.58	425.2	.024	2	1.35	.008	.09	<.2	.15	145	1.1	.04	5.0	.02
99X06241	2.57	39.16	25.57	88.7	100	25.2	11.0	467	3.49	23.3	.7	3.8	3.8	20.1	.29	6.35	.27	76	.09	.046	8.6	37.2	.42	219.4	.045	1	1.80	.008	.07	.2	.20	110	1.4	.07	6.1	.03
99X06242	1.89	25.36	15.83	25.9	872	11.5	2.2	82	1.49	11.5	1.1	11.3	.6	29.5	.17	1.79	.23	53	.09	.082	8.4	22.3	.18	444.8	.017	1	.81	.004	.05	<.2	.32	1436	2.1	.08	3.8	.03
99X06243	5.18	101.42	22.09	187.5	329	61.2	14.2	600	5.69	40.3	2.1	7.6	4.7	38.4	.85	7.78	.26	134	.06	.084	11.7	53.7	.29	388.4	.035	2	1.80	.010	.11	<.2	.50	190	2.6	.12	5.9	.13
99X06244	2.33	59.22	11.04	59.5	554	17.9	4.7	134	2.08	7.9	1.1	3.1	.7	17.1	.92	1.39	.23	67	.05	.057	13.8	18.4	.09	329.0	.026	1	1.19	.004	.06	<.2	.15	85	.8	.08	4.9	.03
99X06245	2.27	37.90	13.09	97.7	238	32.4	11.6	478	3.30	12.8	.7	5.1	2.9	22.2	1.22	1.83	.23	73	.09	.042	8.6	28.7	.38	431.0	.038	1	1.62	.008	.08	.2	.14	56	.7	.07	5.4	.04
99X06246	1.68	21.96	9.76	80.7	122	19.4	7.9	455	2.88	11.4	.4	1.5	1.9	16.6	.91	1.08	.23	67	.10	.037	8.3	24.2	.30	337.1	.049	1	1.30	.006	.07	<.2	.11	35	.4	.06	5.8	.02
99X06247	2.67	26.63	14.79	85.9	162	26.3	13.0	441	3.54	13.9	.7	3.2	3.5	23.0	.35	1.51	.26	82	.09	.047	8.8	34.0	.43	288.8	.040	1	1.95	.007	.08	.2	.16	48	.8	.07	6.6	.05
99X06248	2.18	24.40	11.35	93.8	159	26.8	13.4	715	2.97	13.6	.8	5.3	3.4	20.4	.48	1.78	.20	65	.14	.075	9.1	29.4	.50	213.7	.049	1	1.75	.008	.07	.2	.14	81	.8	.05	5.1	.04
STANDARD DS2	13.55	121.91	26.69	153.0	238	34.3	11.2	779	3.12	59.0	19.7	186.6	3.4	30.6	10.72	9.15	10.59	72	.55	.082	12.5	151.4	.55	130.5	.113	2	1.68	.036	.16	6.8	2.00	229	2.2	1.82	5.8	.03

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data ✓ FA ___

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.)
852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 6/#27 File # 9902598

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99R01007	.77	105.80	2.62	66.7	41	34.4	31.5	816	5.95	.9	.2	<.2	1.3	40.3	.16	.04	<.02	160	2.24	.143	11.6	14.1	2.92	166.8	.342	8	3.82	.062	.02	.3	<.02	<5	<.1	.02	13.0	.01

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: ROCK

DATE RECEIVED: JUL 29 1999 DATE REPORT MAILED: Aug 9/99 SIGNED BY. C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data FA

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.)
852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA SAUER/#28 File # 9902599

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99X08084	5.90	92.76	17.55	178.6	701	41.9	14.4	187	3.82	12.3	2.5	8.9	4.2	53.9	1.02	2.58	.25	111	.46	.248	13.5	31.7	.78	1022.6	.016	5	2.35	.006	.31	<.2	.28	103	2.4	.11	8.2	.03
99X08085	5.13	49.77	16.02	145.6	534	35.3	14.3	262	4.04	13.5	1.7	2.0	5.9	40.8	.86	1.87	.27	97	.29	.143	13.4	33.5	.73	746.5	.018	4	2.36	.003	.29	<.2	.22	71	1.4	.08	9.0	.02
99X08086	4.68	53.58	13.58	194.0	528	31.7	15.0	816	3.12	8.1	.6	2.9	1.8	21.8	1.98	1.93	.24	86	.22	.099	10.1	28.0	.39	484.0	.018	2	1.66	.004	.11	<.2	.22	43	1.4	.06	7.0	.01
99X08087	3.59	54.34	13.84	153.1	228	43.9	18.7	1331	3.72	13.1	.8	2.0	2.0	25.7	1.55	1.29	.27	88	.11	.095	9.8	36.2	.39	376.2	.037	1	1.95	.007	.08	<.2	.17	25	.7	.08	7.6	.01
99X08088	8.96	156.50	18.12	405.6	1207	82.5	27.4	1314	4.28	14.3	1.6	13.9	3.1	36.1	2.33	4.00	.22	84	.55	.152	15.8	28.8	.47	966.1	.005	4	1.67	.002	.22	<.2	.39	400	3.9	.10	5.4	.03
99X08089	3.30	114.09	20.40	342.7	639	47.9	27.8	1755	3.70	8.7	1.2	6.7	4.1	26.1	2.68	1.36	.39	88	.13	.061	16.3	44.6	.42	659.6	.016	1	1.89	.006	.10	<.2	.14	47	1.0	.18	7.7	.03
99X08092	.44	25.21	12.68	75.4	124	28.8	11.2	492	2.50	4.3	1.2	2.1	6.1	40.8	.13	.37	.27	30	.99	.073	18.2	28.9	.61	594.4	.012	3	1.71	.010	.14	<.2	.11	75	.2	.05	5.5	.01
99X08093	.98	24.05	18.52	59.1	86	24.2	10.2	368	2.60	7.9	.8	2.0	3.4	28.0	.14	.53	.31	47	.35	.047	11.1	27.8	.42	774.8	.020	1	1.70	.007	.10	<.2	.12	37	.1	.06	6.3	.01
99X08096	.88	20.05	14.12	60.4	56	26.6	11.8	272	3.36	10.7	.8	6.2	5.9	20.5	.16	.58	.33	60	.27	.041	11.4	36.2	.59	432.1	.033	1	2.26	.005	.06	.4	.14	34	.3	.04	6.5	<.01
99X08097	10.16	80.47	14.00	484.9	366	58.2	13.8	442	3.18	13.6	3.1	8.2	1.9	45.9	1.65	7.51	.30	126	.17	.077	8.5	27.7	.38	701.6	.015	2	1.18	.002	.09	<.2	.35	119	3.6	.12	4.3	.02
99X08098	50.82	136.13	17.52	2126.3	2062	145.1	9.6	288	2.88	62.5	6.8	9.7	3.0	45.0	21.18	37.32	.22	573	.49	.074	14.5	46.7	.42	594.6	.031	4	1.34	.007	.10	.2	2.93	786	11.4	.13	5.1	.02
99X08099	1.96	39.00	13.28	83.6	748	23.6	8.4	385	2.51	8.4	1.3	8.6	.4	34.6	.45	.88	.30	63	.47	.074	11.0	28.8	.28	629.7	.027	1	1.53	.006	.08	<.2	.18	198	.9	.07	6.8	.05
99X08100	3.12	44.98	13.78	117.9	131	44.6	19.1	940	3.82	12.6	1.4	8.2	3.0	24.9	.45	1.55	.23	73	.16	.076	11.1	34.4	.45	341.2	.042	1	1.77	.005	.08	.2	.15	79	.9	.06	5.4	.03
RE 99X08100	3.29	45.94	14.94	120.9	131	43.9	20.2	983	3.96	13.7	1.5	7.7	3.2	26.3	.50	1.65	.26	75	.16	.079	11.6	36.2	.48	368.3	.046	1	1.90	.005	.08	.2	.16	82	.9	.07	5.7	.03
99X08101	5.90	52.66	18.90	124.5	175	42.9	17.3	951	3.77	18.2	2.5	6.0	4.6	42.2	.80	2.75	.27	79	.16	.089	13.2	34.2	.42	643.2	.047	1	1.50	.006	.15	<.2	.18	93	1.7	.14	4.7	.14
99X08102	1.54	40.23	12.65	79.8	66	31.7	13.3	618	2.97	13.4	2.4	9.0	4.0	21.5	.19	1.38	.20	69	.19	.078	13.3	36.6	.53	311.7	.043	1	1.93	.010	.06	.2	.12	102	1.0	.05	4.8	.02
99X08103	2.07	25.97	14.23	75.8	69	23.7	12.8	522	3.70	13.7	.7	1.8	3.4	12.0	.33	1.28	.28	79	.08	.044	9.2	35.6	.41	171.0	.054	1	2.03	.003	.06	.3	.13	47	.6	.06	7.1	.02
99X08104	1.46	49.15	14.19	88.1	353	32.2	10.0	342	3.41	13.2	.9	6.5	4.5	15.0	.29	1.28	.23	74	.08	.043	9.1	39.2	.54	379.8	.050	1	2.12	.003	.07	.2	.13	63	.9	.05	5.6	.01
99X08105	1.92	23.27	12.74	67.4	41	24.1	10.0	379	3.20	12.6	1.0	5.2	3.0	19.1	.37	1.21	.19	59	.17	.091	10.8	33.2	.53	170.5	.039	1	1.87	.006	.06	.2	.13	66	.9	.04	4.7	.02
99X08108	1.62	16.85	9.47	60.6	90	14.8	29.6	974	2.87	7.5	.8	1.5	.8	40.1	.22	.33	.14	45	.82	.198	18.9	18.6	.24	399.7	.008	2	1.46	.006	.08	<.2	.11	110	.6	.03	5.1	.07
99X08109	1.42	16.99	7.58	62.8	115	17.7	20.7	1002	2.89	5.9	.7	1.3	1.9	41.4	.19	.32	.10	48	1.37	.186	25.9	16.0	.24	611.6	.009	3	1.50	.009	.09	<.2	.08	206	.3	.02	5.0	.10
99X08110	1.46	37.81	10.45	83.4	148	29.4	24.5	1598	3.19	7.7	1.1	3.0	2.0	49.9	.40	.64	.11	43	1.46	.203	23.6	20.0	.27	532.4	.012	3	1.38	.007	.08	<.2	.09	153	.6	.03	4.3	.06
99X08112	1.49	22.32	11.10	68.1	192	24.2	9.0	172	2.42	6.4	1.5	1.9	2.8	62.5	.18	.65	.14	44	1.06	.079	13.8	24.6	.48	491.9	.016	2	1.36	.005	.08	<.2	.12	378	1.6	.03	4.2	.08
99X08113	.81	35.97	6.39	78.7	153	64.4	22.9	454	3.53	5.4	1.0	3.2	2.4	40.4	.31	.52	.09	72	1.78	.102	16.9	69.5	1.09	696.5	.284	5	2.13	.005	.09	<.2	.06	109	.6	.02	7.3	.05
99X08114	.52	35.14	6.33	72.1	112	55.1	19.5	682	2.95	4.6	.8	3.6	2.1	35.0	.31	.39	.12	64	1.60	.066	13.7	63.6	1.01	690.9	.227	3	2.04	.012	.06	<.2	.06	68	.4	.02	6.7	.06
99X08115	.53	39.14	6.56	72.6	106	63.2	21.3	446	3.27	4.5	.7	2.1	3.1	33.2	.22	.44	.13	71	1.14	.068	13.8	73.2	1.19	640.1	.284	3	2.23	.012	.07	<.2	.06	67	.2	.02	7.5	.04
99X08116	.93	35.96	7.31	70.3	101	51.8	16.9	1779	3.03	7.4	.7	3.9	2.8	30.8	.27	.60	.13	62	1.17	.077	12.5	45.2	.63	568.8	.125	2	1.56	.012	.05	<.2	.06	62	.5	.03	5.2	.04
99X08117	.61	40.99	9.64	71.0	94	75.9	26.0	523	3.77	7.2	1.0	2.1	3.1	28.5	.22	.44	.14	77	1.04	.077	14.0	73.6	1.10	583.7	.179	3	2.24	.012	.06	<.2	.06	54	.2	.02	7.4	.03
99X08118	.58	39.30	7.22	70.1	107	67.7	20.3	385	3.18	6.0	.7	2.0	3.0	29.7	.15	.46	.14	71	1.05	.065	12.9	68.9	.93	536.2	.149	2	2.09	.011	.06	<.2	.07	74	.2	.02	6.6	.04
99X08119	.73	44.62	7.45	77.3	128	62.1	18.5	554	3.04	7.6	.6	5.8	3.7	31.4	.28	.68	.14	61	.85	.078	12.7	60.9	.79	323.8	.126	2	1.64	.012	.05	.3	.06	64	.2	.03	5.4	.03
99X08121	.50	62.36	6.03	80.1	113	93.1	21.7	353	3.41	5.3	.8	1.4	2.6	31.9	.21	.45	.13	75	1.20	.059	10.7	92.3	1.00	311.5	.158	2	1.98	.011	.04	<.2	.06	79	.4	.02	6.6	.05
99X08122	.60	60.79	6.95	80.9	115	88.1	23.2	461	3.21	5.7	.8	2.5	3.1	29.2	.24	.53	.14	69	.87	.058	12.0	86.4	.96	323.8	.150	2	2.03	.010	.04	<.2	.07	78	.3	.02	6.6	.02
99X08123	.59	33.90	7.29	71.4	87	59.1	17.3	320	3.17	7.5	.6	4.0	3.2	27.2	.16	.54	.14	68	.81	.066	10.2	68.8	.81	279.0	.120	2	1.70	.009	.04	<.2	.07	76	.4	.03	5.5	.03
STANDARD DS	14.69	131.66	32.27	159.6	262	39.5	13.3	828	3.43	63.1	21.6	201.1	3.6	33.8	11.63	10.04	11.21	79	.59	.084	13.6	172.8	.60	156.4	.113	1	1.83	.038	.16	7.6	2.01	255	2.5	1.95	6.2	.02

Standard is STANDARD DS2.

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: SOIL Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 29 1999 **DATE REPORT MAILED:** Aug 6/99 **SIGNED BY** ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data d FA ___

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA SAUER/#28 File # 9902600

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99R08083	2.94	21.19	1.79	18.7	11	11.1	1.8	61	.85	1.0	<.1	<.2	.4	5.8	.03	.15	.13	7	.04	.008	1.0	28.4	.15	297.2	.009	2	.36	.006	.04	7.2	.02	<5	1.9	.02	1.7	.02
99R08090	2.09	9.92	2.77	15.2	31	10.3	2.4	59	.75	1.8	<.1	2.1	.4	7.5	.07	.33	.07	9	.03	.013	1.9	25.4	.16	74.3	.001	<1	.25	.005	.02	8.1	<.02	<5	1.6	.05	1.1	.01
99R08091	4.78	43.30	10.26	129.4	140	33.7	12.1	917	3.03	12.1	1.4	2.3	4.5	49.5	.75	1.82	.19	57	.42	.099	9.8	28.9	.55	776.6	.011	5	1.24	.008	.22	1.7	.14	226	2.3	.07	3.9	.05
99R08094	.79	11.77	15.45	71.1	23	23.9	11.8	614	3.25	4.1	.6	.8	7.7	6.9	.05	.16	.15	25	.08	.018	7.4	37.0	.54	302.5	.016	2	1.64	.022	.12	2.5	.04	<5	.2	.02	6.8	.01
99R08095	2.58	8.37	18.86	19.7	9	10.6	5.3	485	1.01	1.9	.5	.4	8.0	3.9	.04	.13	.23	9	.05	.016	7.4	23.0	.12	104.6	.004	1	.51	.026	.06	6.0	.04	<5	.8	<.02	2.2	<.01
99R08106	.33	9.68	1.78	102.9	15	6.6	13.5	638	3.22	1.1	.4	.3	3.4	118.3	.12	.06	.04	42	8.57	.334	37.6	8.9	.27	308.2	.046	6	1.46	.021	.30	<.2	.02	16	1.4	.02	5.0	.03
99R08107	.38	3.94	1.25	117.3	12	4.0	10.6	976	4.44	.5	.4	<.2	2.7	119.2	.07	.08	.18	61	5.27	.336	49.9	3.2	.90	173.9	.030	2	1.92	.047	.15	.4	.06	11	1.5	.03	11.3	.04
99R08111	1.27	21.94	6.74	178.4	37	34.0	29.8	3285	4.87	5.5	.8	1.2	4.2	43.9	.93	.64	.06	38	1.69	.613	54.7	8.7	.19	982.9	.059	8	1.39	.036	.42	<.2	.13	42	1.7	.02	3.7	.05
RE 99R08111	1.30	21.32	6.35	174.6	35	33.4	29.2	3215	4.74	5.4	.8	.9	4.1	44.0	.93	.64	.06	37	1.64	.598	54.0	8.5	.18	961.7	.065	8	1.35	.037	.38	<.2	.12	44	1.0	.02	3.5	.03
99R08120	.76	76.36	1.25	52.0	38	173.5	35.6	757	3.68	.8	.1	<.2	.5	79.7	.15	.03	.02	63	10.08	.034	3.2	188.7	1.89	89.7	.373	4	1.90	.069	.02	.8	.02	8	1.0	.03	8.0	.14
STANDARD DS2	13.63	129.58	29.95	160.8	239	36.3	12.4	826	3.25	60.1	20.2	192.1	3.4	27.8	10.76	9.46	10.53	75	.57	.086	13.1	168.1	.58	142.4	.112	2	1.81	.039	.16	6.8	2.12	257	2.7	1.75	5.9	.02

30 GRAM SAMPLE IS DIGESTED WITH1800 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: ROCK Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 29 1999 DATE REPORT MAILED: Aug 9/99 SIGNED BY C.L .D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

ults are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data A FA

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT OKI DOKI NORTH/#29 File # 9902633

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99X11254	6.93	93.87	28.23	213.4	402	83.9	28.3	590	5.78	38.2	1.4	13.0	8.3	129.3	1.09	6.77	.27	39	.96	.142	24.8	35.5	.28	461.7	.002	4	.65	.005	.17	<.2	.20	311	1.8	.05	1.9	.07
99X12208	.91	75.72	19.55	156.1	68	128.2	36.9	1164	4.62	206.3	.1	3.6	.7	123.6	.89	16.75	.03	74	9.52	.074	9.3	169.9	.89	271.4	.002	4	.65	.006	.14	<.2	.15	340	.3	.03	1.6	<.01
99X12213	1.09	149.34	6.31	98.5	89	60.4	36.8	1228	5.35	19.3	.3	2.1	.8	78.7	.43	1.17	<.02	143	3.03	.111	14.2	90.8	2.00	4762.8	.010	4	3.64	.014	.17	<.2	.22	983	<.1	.03	9.5	<.01
RE 99X12213	1.21	146.20	6.21	102.2	94	58.1	38.8	1296	5.54	20.9	.3	2.4	.8	96.8	.48	1.45	<.02	142	3.01	.114	14.7	88.3	1.95	4843.0	.019	5	3.82	.016	.21	<.2	.26	1004	<.1	.02	10.1	<.01

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: SOIL Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 3 1999 **DATE REPORT MAILED:** Aug 9/99 **SIGNED BY.....** D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data A FA

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT OKI DOKI NORTH/#29 File # 9902634

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99R11240	3.99	63.02	6.25	46.4	161	23.7	3.9	92	1.74	3.1	.3	4.8	1.5	15.2	.08	.59	.09	32	.02	.016	6.8	37.6	.36	156.4	.003	3	.70	.013	.13	6.6	.03	130	1.1	.04	3.1	.11
99R11241	1.87	7.35	69.82	93.0	44	6.9	8.7	699	3.11	5.3	1.9	.5	10.7	83.4	.47	.63	.15	32	3.71	.099	28.6	19.2	.11	320.4	.019	4	1.30	.008	.16	1.5	.08	971	<.1	<.02	1.7	.01
99R11242	.10	.30	5.65	82.2	14	12.9	1.2	416	1.29	3.7	<.1	.9	.1	881.6	.67	.17	<.02	<2	21.24	.006	.5	<.5	7.98	216.1	.001	<1	.06	.014	.01	<.2	<.02	27	<.1	.16	.3	<.01
99R11255	3.13	5.08	9.87	33.4	22	14.6	4.5	562	2.03	2.7	.3	.7	.9	388.6	.27	.66	.02	5	11.32	.025	5.3	22.7	1.73	372.6	.001	1	.15	.009	.04	7.5	.06	77	<.1	.05	.3	<.01
99R12209	5.63	7.35	<.01	4.5	11	15.5	1.3	147	.98	<.1	<.1	<.2	.3	9.6	.03	.20	<.02	12	.09	.005	1.6	47.6	.03	74.2	.001	1	.12	.004	.02	15.0	<.02	114	<.1	<.02	.4	.01
99R12211	.51	9.18	1.10	13.4	<2	11.0	5.7	1360	4.57	16.4	<.1	.5	.1	435.2	.04	1.05	<.02	43	14.87	.029	20.8	9.1	4.87	208.5	.003	<1	.30	.011	.02	1.6	<.02	389	<.1	.05	.3	<.01
99R12212	.70	60.61	.86	45.2	28	92.1	26.0	622	5.28	62.0	<.1	<.2	.4	149.8	.08	7.38	.03	183	4.73	.121	7.1	145.1	2.51	131.4	.002	1	1.09	.006	.02	.2	<.02	218	<.1	.02	1.9	.07
99R12214	1.19	86.13	3.18	63.5	108	39.9	48.4	884	9.05	5.3	.2	.5	1.3	165.2	.30	1.41	.03	278	5.27	.219	19.4	20.8	2.58	216.7	.019	1	1.18	.008	.03	<.2	.03	392	<.1	.03	3.5	.37
RE 99R12214	1.20	84.34	2.52	62.5	110	40.2	47.6	865	8.88	5.3	.2	.6	1.4	166.1	.28	1.40	.03	273	5.18	.215	19.2	15.8	2.53	213.7	.017	1	1.19	.007	.03	<.2	.03	391	<.1	.03	3.7	.41
STANDARD DS2	14.28	135.94	31.97	171.8	273	38.4	12.5	844	3.34	65.6	22.1	206.2	3.7	32.2	11.72	10.78	11.60	83	.57	.086	15.2	188.7	.64	155.5	.125	2	1.90	.042	.17	7.7	1.89	276	2.2	2.02	6.2	.04

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: ROCK Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 3 1999 DATE REPORT MAILED: Aug 9/99 SIGNED BY..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data FA

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 3.1/#30 File # 9902635

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99R01039	7.09	128.77	1.22	10.9	3680	33.6	.5	40	.53	6.5	9.6	1.7	.7	96.5	14.02	4.37	.11	127	.39	.250	2.6	93.2	.01	2117.5	.002	5	.32	.019	.05	10.4	.08	187	8.4	.11	1.2	.09
99R01042	2.25	29.71	4.44	90.9	92	16.4	4.6	63	1.47	3.0	.6	6.5	1.7	36.2	.10	1.28	.14	17	.02	.041	2.0	19.2	.03	562.7	.002	5	.37	.013	.19	6.5	.06	228	.7	.05	1.1	.04
99R01046	3.14	60.40	6.96	44.0	215	14.4	12.9	378	1.67	7.3	1.1	5.5	1.4	38.4	.23	.70	.21	26	.02	.021	3.1	27.3	.04	1866.1	.003	6	.52	.007	.20	4.9	.06	282	1.1	.10	2.3	.08
99R01047	1.87	40.23	4.80	27.5	92	16.2	6.1	218	1.35	2.0	.6	3.7	3.3	29.5	.04	.54	.22	11	.03	.022	6.1	14.6	.08	1700.7	.005	7	.81	.011	.31	.9	.07	105	<.1	.06	2.2	.05
99R01048	61	31.13	3.60	34.2	9	10.3	5.1	153	1.24	9	.4	1.0	3.1	25.3	.08	.31	.16	12	.01	.020	4.9	11.8	.08	1030.8	.003	5	.75	.007	.28	9	.05	49	<.1	.03	2.0	.03
99R01049	2.05	34.67	6.30	55.2	128	17.7	6.1	211	1.53	5.7	1.0	8.5	3.0	51.5	.08	1.05	.39	26	.11	.050	7.1	24.2	.13	1182.9	.014	6	.86	.012	.23	4.0	.08	215	.8	.05	2.2	.04
99R01050	1.82	32.75	6.77	31.0	123	17.6	7.4	402	1.26	3.2	.5	3.2	3.2	32.8	.07	.78	.20	19	.05	.023	6.0	21.2	.09	575.9	.008	7	.73	.009	.25	4.7	.07	179	.3	.07	1.9	.05
99R01051	5.07	145.81	3.04	113.1	169	25.4	6.8	162	1.32	5.6	.7	16.4	1.2	22.1	.29	.90	.09	19	.17	.093	1.6	33.2	.03	501.4	.003	9	.53	.005	.19	10.1	.04	395	2.5	.04	1.5	.05
99R01053	.74	82.31	2.54	81.8	<2	162.1	45.9	846	7.39	1.0	.6	3.0	1.5	23.6	.06	.12	.40	266	.43	.104	17.4	272.9	4.82	3754.5	.044	3	4.73	.034	.11	.2	.06	53	<.1	<.02	14.7	<.01
99R01054	.74	100.12	1.13	64.1	<2	123.0	33.4	882	5.78	1.3	.3	2.4	.9	113.1	.19	.20	.04	208	.22	.072	10.1	487.6	3.17	55302.4	.044	8	5.99	.078	.62	<.2	.09	25	< 1	.03	15.1	<.01
RE 99R01054	.72	101.38	.96	63.5	<2	121.7	33.5	890	5.84	1.2	.3	3.3	1.0	114.6	.18	.19	.03	210	.22	.074	10.2	499.5	3.24	55509.2	.045	8	6.15	.080	.62	<.2	.09	23	<.1	.03	14.5	<.01
2200E 3700N	7.46	309.51	8.30	134.9	4306	48.8	1.5	79	1.40	24.4	14.3	2.6	2.0	413.0	26.74	12.43	.12	562	1.15	.750	7.9	191.6	.06	4318.5	.012	13	.75	.012	.19	11.3	.25	346	37.3	.30	3.2	.16
2200E 3675N	27.83	387.96	6.71	128.2	6265	59.4	.7	32	1.26	24.0	32.3	3.7	2.1	258.8	20.67	37.61	.10	807	.71	.602	6.5	189.0	.05	4135.4	.005	11	.88	.007	.12	7.6	.37	515	20.0	.49	3.8	.08
2200E 3625N	38.70	230.40	6.20	109.6	5004	56.5	.5	30	1.25	27.1	28.3	6.8	2.2	296.3	20.04	25.36	.12	1218	1.70	.979	8.3	197.6	.08	1328.2	.011	15	.93	.009	.23	7.6	1.05	575	33.3	.36	6.4	.22
4300E 2625N	2.85	82.87	7.52	142.1	257	88.1	39.6	2084	9.20	58.6	1.1	5.7	2.1	23.9	.70	1.06	.08	127	.26	.163	11.0	11.9	.15	2265.4	.004	12	1.86	.011	.31	.5	.09	717	1.1	.03	3.0	.02
4300E 2575N	4.46	198.04	3.64	137.8	260	44.9	6.3	114	2.89	8.3	2.3	18.6	1.2	162.8	1.08	1.39	.08	49	.16	.237	4.3	47.4	.03	4911.0	.002	4	.62	.005	.09	15.4	.05	686	1.3	.09	1.7	.06
4300E 2475N	5.82	86.00	30.01	18.7	1587	12.4	1.6	68	1.49	17.4	1.3	5.9	1.4	55.6	1.10	8.94	.08	112	.08	.064	3.8	27.0	.04	879.7	.004	10	.54	.006	.36	.9	.31	1195	3.3	.09	2.2	.30
STANDARD DS2	14.28	135.94	31.97	171.8	273	38.4	12.5	844	3.34	65.6	22.1	206.2	3.7	32.2	11.72	10.78	11.60	83	.57	.086	15.2	188.7	.64	155.5	.125	2	1.90	.042	.17	7.7	1.89	276	2.2	2.02	6.2	.04

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: ROCK Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 3 1999 DATE REPORT MAILED: Aug 9/99 SIGNED BY: ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data ___ FA ___

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 3.1/#30 File # 9902636

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99X01043	1.28	44.16	11.52	169.1	127	36.1	17.2	654	3.68	13.0	.8	2.1	4.3	17.7	.59	1.21	.31	69	.07	.045	11.3	40.5	.49	419.8	.051	2	2.24	.007	.10	<.2	.13	54	.1	.08	6.2	.01
99X01044	3.09	36.23	21.97	97.1	99	36.6	17.9	1141	3.31	17.2	1.6	5.5	4.2	32.6	.24	2.44	.29	65	.13	.113	13.1	35.0	.43	529.5	.043	2	1.73	.009	.12	<.2	.14	69	1.4	.15	4.4	.06
99X01045	3.37	39.45	20.43	94.6	56	41.0	17.7	843	3.39	15.7	1.4	6.3	5.7	30.0	.25	1.76	.31	72	.10	.068	14.7	40.1	.50	479.4	.044	2	2.36	.010	.12	<.2	.18	149	.6	.12	5.5	.02
RE 99X01045	3.46	39.90	18.58	95.3	53	39.8	17.8	882	3.47	14.5	1.4	6.2	5.4	30.6	.20	1.90	.28	70	.10	.070	14.9	34.7	.47	444.1	.055	3	2.27	.009	.11	<.2	.17	157	.1	.12	5.3	<.01

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: SOIL Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 3 1999 DATE REPORT MAILED: Aug 9/99 SIGNED BY. C. Leong .D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data V FA ___

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 3.2/#31 File # 9902637

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
3600E 5600N	13.51	92.06	20.49	296.4	178	76.1	23.2	1035	4.59	17.3	5.0	12.7	4.5	39.8	.83	3.27	.30	78	.13	.076	10.4	21.7	.28	694.2	.005	3	1.43	.007	.15	<.2	.29	291	3.4	.12	3.9	.18
3600E 5575N	10.44	86.04	17.95	410.2	291	87.2	24.5	655	4.56	19.6	2.4	9.6	2.6	51.9	1.64	7.53	.39	45	.07	.060	5.5	12.7	.14	361.9	.004	3	.85	.006	.18	<.2	.29	128	2.0	.14	2.1	.18
3600E 5525N	13.98	59.43	13.70	152.5	1489	25.4	2.1	25	1.46	13.5	5.4	4.6	.5	94.8	1.08	6.88	.20	180	.03	.080	4.6	19.5	.03	471.4	.003	3	.41	.003	.10	<.2	.47	304	4.6	.10	1.8	.14
3600E 5475N	4.18	87.34	15.32	146.2	177	47.7	9.8	175	3.15	14.5	2.8	3.8	.1	22.4	1.41	1.54	.36	93	.04	.069	7.7	25.5	.05	322.8	.013	1	.96	.005	.05	<.2	.09	111	1.7	.12	5.4	.06
3600E 5400N	7.54	126.37	7.18	37.7	1483	25.9	1.3	34	.83	14.3	9.4	4.3	1.4	70.7	1.11	4.12	.17	91	.06	.036	3.8	24.4	.02	731.5	.002	2	.33	.005	.10	<.2	.39	688	4.9	.12	1.5	.18
3700E 5625N	34.36	178.09	43.41	506.8	716	129.9	39.0	3606	7.77	52.1	11.6	11.4	2.3	82.3	1.20	12.34	.43	100	.02	.163	8.5	23.5	.06	795.3	.006	2	1.30	.008	.22	.2	.31	613	2.8	.46	2.9	.54
3700E 5575N	20.22	372.42	15.78	1371.5	11826	296.1	7.9	463	2.23	49.8	19.0	7.6	4.8	291.0	11.87	17.78	.31	541	3.10	1.268	16.0	306.2	.18	1248.6	.011	14	.93	.011	.25	.3	.33	2557	28.2	.43	4.4	.15
3700E 5550N	7.73	52.42	12.09	170.1	828	33.0	5.1	115	2.64	24.6	1.2	9.0	.6	48.4	.56	5.20	.30	110	.15	.046	1.5	15.2	.03	639.5	.005	2	.34	.006	.17	<.2	.52	462	3.3	.18	2.0	.38
3700E 5525N	1.98	88.03	14.42	306.9	163	75.8	15.1	231	2.95	10.9	2.3	18.7	4.6	21.2	1.86	1.81	.38	68	.07	.047	7.7	36.5	.43	177.0	.039	1	2.05	.008	.07	.3	.18	84	1.2	.09	3.8	<.01
3700E 5500N	6.43	70.30	12.15	276.5	481	43.0	7.0	268	3.25	17.4	1.3	8.7	2.7	13.2	.96	3.11	.30	146	.04	.035	6.3	35.8	.26	206.8	.031	1	1.44	.006	.05	.2	.21	91	1.2	.10	5.3	<.01
3700E 5450N	3.09	57.35	14.15	32.1	447	14.2	2.1	36	1.22	15.1	2.8	6.1	.2	108.5	.49	1.63	.27	68	.03	.060	3.9	18.4	.02	522.5	.007	2	.37	.005	.13	<.2	.25	197	3.8	.12	2.8	.19
3700E 5425N	5.70	65.48	19.28	99.5	408	38.5	8.1	175	3.50	32.4	1.9	6.3	1.3	90.0	.66	2.42	.38	150	.03	.113	6.4	23.4	.08	442.4	.042	1	.77	.006	.14	<.2	.30	140	5.6	.12	6.0	.22
3700E 5400N	9.17	185.24	23.92	230.8	725	99.8	25.8	491	5.37	85.0	8.5	13.0	3.7	193.4	3.53	3.88	.47	284	.07	.287	11.6	55.0	.10	690.3	.013	3	1.65	.008	.15	<.2	.54	126	7.0	.22	4.5	.23
3800E 5600N	1.64	142.21	15.34	423.1	136	72.4	21.6	445	5.13	13.5	.9	3.8	1.4	9.5	1.58	2.05	.79	79	.02	.079	2.5	16.6	.07	608.0	.006	2	.71	.004	.09	.3	.16	78	1.2	.32	4.8	.09
3800E 5575N	3.51	158.66	26.68	257.6	337	61.9	15.7	495	6.75	24.6	1.1	7.6	2.6	21.6	.84	2.38	.60	72	.03	.081	3.7	29.6	.09	337.7	.009	2	1.10	.006	.13	<.2	.26	99	2.9	.26	5.4	.11
3800E 5550N	1.73	180.53	14.92	72.6	362	16.3	3.1	80	4.58	12.2	.4	33.5	1.6	6.3	.55	2.75	.57	57	.01	.050	1.2	26.9	.05	1287.7	.005	2	.80	.004	.07	<.2	.10	216	3.3	.45	4.0	.08
RE 3700E 5450N	2.90	56.40	13.98	31.0	427	13.3	2.0	34	1.20	14.1	2.8	5.7	.2	102.3	.50	1.49	.28	65	.02	.058	3.5	17.5	.02	495.5	.006	2	.35	.005	.12	<.2	.23	178	3.8	.11	2.6	.15
3800E 5525N	3.75	169.49	15.21	215.9	336	44.8	10.3	331	3.66	51.9	4.0	41.5	3.6	77.0	2.43	1.64	.37	88	.05	.128	6.2	32.9	.09	897.1	.009	2	1.41	.008	.11	<.2	.10	88	3.0	.21	3.5	.15
3800E 5500N	2.33	90.55	18.23	79.4	379	28.2	6.4	109	9.97	40.1	.9	8.8	1.5	37.5	.11	1.77	.38	278	.01	.154	1.3	27.6	.02	363.8	.003	2	.81	.006	.17	<.2	.17	149	5.0	.22	3.9	.28
3800E 5475N	4.20	107.67	21.60	111.5	632	34.8	9.0	360	5.42	28.0	2.3	16.1	2.9	136.1	.47	2.38	.44	82	.01	.117	4.9	22.9	.04	225.2	.004	3	.92	.013	.53	<.2	.69	278	4.9	.21	2.5	.92
3800E 5450N	9.19	112.20	46.34	163.1	365	93.4	34.2	8459	6.83	41.2	3.4	8.6	4.2	63.7	.23	7.18	.73	48	.60	.098	9.9	17.4	.12	1446.3	.003	4	.84	.008	.15	<.2	.17	470	1.6	.53	2.9	.24
3800E 5400N	5.32	70.18	12.19	196.7	717	57.9	17.7	531	3.71	13.1	1.7	7.3	2.4	51.4	3.45	3.31	.40	208	.03	.067	4.5	42.2	.11	1156.1	.006	2	1.57	.005	.08	<.2	.29	231	1.9	.16	3.9	.08
3900E 5600N	2.05	190.05	20.52	386.1	171	65.2	21.5	454	8.46	24.0	1.3	8.6	3.0	23.3	.83	2.77	.59	69	.03	.084	4.0	29.3	.07	580.7	.016	2	1.25	.006	.10	<.2	.17	48	1.6	.34	5.4	.13
3900E 5575N	6.89	209.39	13.60	274.8	1702	35.6	6.7	98	8.48	51.2	1.1	9.0	2.5	15.1	.16	2.83	.77	74	.01	.097	1.3	24.1	.04	578.5	.004	2	1.10	.005	.09	<.2	.23	275	3.3	.45	4.3	.08
3900E 5550N	1.31	213.53	19.13	210.4	253	30.8	7.9	116	4.48	15.8	1.4	73.9	4.6	8.7	.33	2.77	.45	35	.04	.028	14.0	21.2	.19	255.3	.021	1	.78	.004	.07	<.2	.16	355	3.0	.33	2.4	.02
3900E 5525N	1.71	86.62	15.65	236.6	293	56.1	23.3	546	3.68	12.1	.6	6.8	3.2	11.9	3.36	1.60	.42	60	.06	.041	6.4	31.7	.31	339.5	.032	1	1.82	.007	.08	<.2	.12	73	1.0	.15	4.8	.02
3900E 5500N	2.38	327.46	31.49	463.6	898	319.8	51.9	1148	9.14	45.1	2.7	18.7	5.0	87.8	.83	3.42	.50	71	.02	.098	6.0	40.1	.10	453.3	.007	2	1.76	.011	.21	<.2	.31	144	5.0	.26	3.7	.31
3900E 5475N	1.21	105.64	14.94	106.0	35	54.3	23.7	248	2.62	10.9	.5	4.8	2.9	14.9	.09	1.37	.38	33	.04	.025	6.2	16.6	.26	233.8	.029	1	.76	.006	.07	<.2	.11	25	.6	.11	2.5	.02
3900E 5450N	1.25	206.42	41.85	205.2	673	151.9	45.7	967	7.48	22.1	1.3	30.1	5.0	28.8	.36	3.20	.48	33	.12	.040	11.1	24.2	.17	745.9	.008	2	1.24	.006	.11	<.2	.26	163	2.1	.31	1.8	.09
3900E 5425N	2.08	230.07	30.47	303.7	341	153.0	44.1	808	5.29	17.3	2.7	40.2	5.0	27.9	1.45	2.82	.72	29	.06	.045	27.1	23.5	.15	592.8	.006	1	.96	.006	.12	<.2	.14	204	2.1	.42	2.0	.08
3900E 5400N	2.79	113.23	14.40	189.7	292	72.5	31.0	598	2.78	7.2	3.1	19.4	4.7	32.1	1.95	1.89	.32	46	.11	.046	19.8	21.5	.22	548.7	.015	2	.72	.008	.10	<.2	.19	85	.9	.10	2.0	.12
STANDARD DS2	14.07	128.09	30.83	163.8	246	37.0	13.0	813	3.17	63.6	21.8	204.4	3.5	30.8	11.94	9.86	10.93	81	.54	.081	14.0	166.3	.59	139.7	.112	2	1.71	.039	.16	7.7	2.08	273	2.3	1.97	6.2	.02

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: SOIL Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 3 1999 DATE REPORT MAILED: Aug 10/99 SIGNED BY ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data FA

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.)
852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 5/#32 File # 9902638 Page 1

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
6500E 3600N	3.72	25.92	16.33	47.4	559	24.6	6.4	263	2.61	11.9	.9	9.5	3.2	53.0	.24	1.43	.31	62	.09	.053	7.4	25.5	.36	424.3	.033	2	1.44	.010	.12	.2	.15	421	1.4	.12	3.9	.18
6500E 3575N	3.09	35.80	12.66	66.7	1370	44.2	10.8	422	3.26	14.6	1.5	12.3	5.5	27.7	.33	1.85	.29	84	.15	.085	9.9	40.3	.56	424.0	.052	2	2.43	.011	.07	.3	.15	692	1.3	.07	5.9	.03
6500E 3550N	8.77	38.56	18.36	102.5	1190	39.6	4.5	224	2.39	14.9	2.3	7.7	2.3	99.2	.33	3.31	.32	180	.27	.172	7.3	34.6	.16	646.3	.014	4	.91	.008	.13	<.2	.30	488	3.2	.19	4.0	.15
6500E 3525N	4.60	22.50	16.92	82.0	509	27.6	7.1	294	2.73	16.7	1.2	3.7	3.1	37.7	.51	2.06	.30	132	.09	111	8.0	31.7	.27	424.0	.016	2	1.37	.006	.09	<.2	.17	234	1.5	.15	4.8	.09
6500E 3500N	3.41	85.63	10.58	152.5	1175	45.6	8.5	140	2.64	7.6	9	42.0	5.6	51.8	.72	1.57	.21	65	1.22	.052	46.2	28.5	.60	924.6	.007	7	1.52	.007	16	<.2	.31	843	1.5	.06	4.3	.03
6500E 3475N	6.14	110.00	10.63	246.9	1143	54.9	8.8	179	2.58	8.6	9	42.7	6.3	49.9	1.43	2.48	.20	74	1.00	.075	37.5	27.7	.69	675.9	.008	6	1.38	.007	.20	<.2	.41	865	2.4	.07	4.0	.05
6500E 3450N	10.14	88.07	10.80	237.6	1437	69.1	11.4	202	3.18	12.4	1.8	34.8	5.0	69.9	1.75	2.73	.19	90	1.23	.191	26.4	29.4	.48	762.8	.008	5	2.14	.006	.15	<.2	.44	730	3.7	.10	4.8	.03
6500E 3425N	2.90	47.12	8.78	114.2	514	32.8	8.3	304	2.15	8.1	.7	13.9	2.4	47.2	.72	1.28	.18	61	1.01	.075	16.5	23.9	.54	553.8	.019	3	1.43	.011	.08	<.2	.17	313	.9	.05	4.2	.01
6500E 3400N	1.63	28.48	8.81	89.1	213	25.3	8.2	223	2.31	7.2	.8	6.5	3.4	27.7	.40	84	.18	69	.56	.039	12.6	26.2	.63	551.3	.020	2	1.59	.008	.08	<.2	.15	95	.6	.04	4.8	<.01
6500E 3375N	16.22	96.39	16.83	311.9	1281	70.3	15.2	285	4.36	25.0	3.0	13.2	8.3	55.4	1.76	11.59	.21	143	.45	.143	29.4	26.9	.20	647.9	.002	3	1.07	.008	.16	<.2	.40	724	4.4	.11	2.7	.06
6500E 3350N	1.93	18.36	10.90	80.3	220	25.0	10.8	261	3.47	14.6	.6	2.9	4.0	15.8	.43	.92	.25	72	.21	.034	11.1	34.5	.57	390.9	.050	1	1.87	.009	.08	<.2	.10	70	.4	.05	6.1	<.01
6500E 3325N	4.13	35.31	8.14	89.7	179	33.1	9.1	217	3.19	11.1	.8	9.5	3.6	14.2	.38	1.31	.34	55	.11	.027	9.5	29.7	.46	280.7	.023	1	1.66	.007	.07	.2	.16	80	.7	.05	4.4	<.01
6500E 3200N	3.49	32.26	23.26	107.2	403	27.1	15.9	872	2.73	38.1	1.5	6.7	2.3	38.9	.28	4.88	1.19	81	.48	.092	13.7	30.9	.88	361.9	.038	2	1.53	.010	.10	.2	.24	106	2.0	.19	5.5	.01
6500E 3175N	3.24	67.87	25.29	152.8	283	45.9	16.3	806	3.69	272.6	1.4	10.9	3.2	35.6	.51	3.83	2.70	74	.51	.066	12.5	41.0	1.47	347.6	.071	2	2.32	.011	.10	.2	.26	52	2.0	.77	7.6	.01
6600E 3550N	20.41	71.99	50.27	119.4	1762	41.4	14.1	919	5.65	47.0	2.3	16.3	3.3	243.2	1.19	5.25	.90	86	.05	.130	10.3	30.4	.12	257.3	.009	2	1.30	.022	.41	<.2	.77	622	3.5	.64	3.3	.93
6600E 3525N	5.29	46.43	12.28	51.2	707	15.1	1.0	21	1.81	17.3	2.9	10.9	1.4	104.0	.54	2.79	.46	67	.03	.034	2.3	19.7	.03	610.4	.002	2	.36	.008	.19	.3	.84	3396	3.0	.10	1.9	.38
6600E 3500N	1.85	68.87	15.62	92.5	290	44.5	11.2	317	3.36	11.5	.9	16.4	4.8	15.6	.42	1.45	.29	66	.08	.033	10.1	39.2	.50	249.3	.047	2	1.85	.006	.08	<.2	.19	101	.8	.09	5.1	.02
6600E 3475N	4.28	149.55	14.46	262.1	233	67.1	16.6	389	4.04	10.0	1.4	51.1	4.5	24.6	.65	2.70	.29	70	.09	.064	12.4	27.4	.31	410.7	.011	2	1.34	.006	.10	<.2	.36	222	2.2	.13	3.8	.01
RE 6600E 3450N	2.64	67.81	8.93	113.0	557	33.1	8.6	240	2.02	4.9	.9	14.5	4.7	131.6	.48	1.05	.16	48	5.66	.066	21.9	25.6	.92	719.6	.011	7	1.18	.011	.23	<.2	.28	453	.5	.05	3.3	<.01
6600E 3450N	2.78	68.57	9.40	113.6	574	32.7	8.6	235	2.01	4.8	.9	16.0	4.8	135.5	.48	1.09	.17	44	5.68	.067	22.8	22.4	.90	682.1	.010	6	1.09	.010	.20	<.2	.27	532	.5	.05	3.2	.02
6600E 3425N	2.83	60.70	9.11	165.6	915	46.0	8.6	213	2.64	7.5	.8	29.2	5.1	38.8	.81	1.57	.20	61	.64	.072	26.9	29.6	.63	598.1	.022	4	1.53	.011	.13	<.2	.28	418	.8	.05	4.0	<.01
6600E 3400N	3.28	40.66	9.06	87.6	365	31.5	11.8	1586	2.28	7.3	1.0	11.5	2.7	49.8	.64	1.00	.21	53	.76	.048	11.3	28.3	.46	469.6	.027	2	1.35	.009	.06	.2	.13	212	1.9	.05	4.0	.04
6600E 3350N	3.68	84.13	16.71	176.4	774	47.9	15.1	357	3.88	11.2	1.7	26.3	9.6	36.1	1.10	2.51	.22	82	.50	.092	28.0	37.5	1.10	853.0	.015	4	2.25	.009	.20	<.2	.27	210	1.3	.05	6.5	<.01
6600E 3325N	8.09	91.99	18.32	235.6	435	56.4	20.2	308	4.59	18.9	2.6	14.9	9.0	69.2	1.28	2.92	.22	75	.78	.268	33.7	36.5	.75	968.1	.011	5	2.13	.009	.34	<.2	.46	194	2.3	.07	6.4	.05
6600E 3300N	38.53	137.48	28.97	988.6	2280	112.2	12.5	379	4.72	66.1	4.5	20.1	8.7	73.6	7.59	33.37	.24	348	.92	.190	35.4	24.6	.30	1254.4	.004	3	1.05	.007	.16	<.2	.59	2861	8.7	.12	2.8	.06
6600E 3175N	2.92	35.47	15.41	154.5	385	34.4	12.4	456	2.46	36.8	1.1	8.6	3.0	23.4	.48	1.52	1.33	65	.30	.060	13.2	35.9	.72	224.6	.055	2	1.52	.009	.11	<.2	.17	81	.8	.12	5.2	.04
6600E 3125N	3.05	41.21	12.19	89.8	418	24.2	11.5	1132	2.18	23.3	2.0	8.4	1.8	51.3	.66	4.49	.56	67	.86	.089	14.0	27.4	.88	369.5	.017	3	1.40	.008	.09	<.2	.21	175	3.9	.08	4.7	.05
6600E 3025N	1.83	46.22	15.00	90.7	134	32.0	13.7	795	3.77	44.9	.9	9.7	2.5	16.9	.23	6.76	1.18	59	.13	.099	11.2	35.6	.41	185.4	.044	1	1.63	.006	.07	<.2	.28	118	1.4	.26	4.5	.03
6600E 3000N	4.34	147.74	23.62	271.6	218	97.7	21.5	633	5.61	69.0	1.1	30.6	4.6	17.7	1.02	19.45	3.03	101	.08	.060	12.7	44.7	.72	241.1	.029	1	1.83	.007	.11	<.2	.45	72	2.1	.88	4.9	.03
6700E 3625N	3.32	31.12	10.85	97.9	452	32.0	9.5	288	2.71	9.6	9	15.2	4.6	23.2	.64	1.23	.27	68	.51	.045	13.9	31.5	.63	664.4	.032	2	1.78	.011	.08	<.2	.25	299	.6	.06	4.7	.01
6700E 3600N	6.22	44.05	11.09	123.0	385	27.6	14.0	364	3.05	12.7	1.0	10.7	3.8	12.6	.58	1.52	.22	105	.12	.081	9.0	35.3	.61	212.2	.032	2	2.00	.006	.09	<.2	.28	149	1.5	.07	4.6	.01
6700E 3575N	4.09	34.70	8.27	116.1	115	20.6	6.6	441	1.58	5.0	.5	2.4	.3	10.7	.20	1.08	.20	45	.09	.068	6.7	12.1	.10	111.0	.015	1	.66	.004	.06	<.2	.19	60	1.1	.07	3.9	.04
6700E 3550N	34.69	91.70	39.37	197.2	984	67.5	13.4	443	6.39	52.6	5.4	24.2	7.1	411.4	.99	5.17	.48	144	.05	.138	18.2	39.6	.21	293.8	.008	3	1.67	.044	.44	<.2	.75	1642	5.0	.41	5.8	1.02
6700E 3525N	18.51	123.05	30.31	285.1	119	107.4	30.3	5007	6.13	40.2	6.4	14.0	4.3	77.3	.96	4.86	.42	77	.07	.065	22.8	31.0	.22	1074.0	.011	2	1.83	.006	.10	<.2	.25	1526	2.1	.29	4.4	.13
STANDARD DS2	15.30	131.77	31.95	163.7	257	37.5	12.4	821	3.24	66.8	21.8	209.3	3.6	30.4	11.64	9.88	11.63	83	.56	.083	13.6	179.7	.62	151.3	.120	2	1.84	.040	.17	7.2	2.18	280	2.5	1.94	6.2	.03

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: SOIL Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 3 1999 DATE REPORT MAILED: Aug 10/99 SIGNED BY..... C. Leong .D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data A FA ___

ACME ANALYTICAL

International Kodiak Resources Inc. PROJECT AREA 5/#32 FILE # 9902638 Page 2

ACME ANALYTICAL

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Tl	Hg	Se	Te	Ga	S
	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppb	ppm	ppm	ppm	%
6700E 3500N	13.16	130.29	23.04	354.7	1164	109.3	12.8	926	4.06	24.9	5.6	18.1	2.0	104.6	1.90	6.00	.36	195	.19	.233	9.5	34.9	.12	539.9	.006	2	1.26	.006	.09	.2	.37	2907	3.5	.30	3.0	.16
6700E 3475N	1.47	27.31	13.08	69.4	1.80	36.7	12.5	473	3.11	13.5	.8	4.3	4.9	11.4	.39	.86	.26	68	.08	.037	10.0	40.4	.52	280.4	.049	2	2.28	.008	.05	.2	.13	50	.4	.94	6.0	<.01
6700E 3450N	1.28	40.25	12.56	71.6	112	27.6	9.6	330	2.91	11.7	.9	11.8	5.3	11.7	.17	1.15	.26	63	.08	.024	14.3	33.0	.40	211.3	.050	1	1.53	.006	.04	.3	.12	70	.6	.05	4.8	<.01
6700E 3425N	3.51	83.70	13.83	145.3	72	41.9	17.4	367	3.30	9.7	.6	11.7	4.0	11.8	.30	1.75	.25	67	.11	.032	13.6	29.7	.44	271.4	.013	2	1.66	.006	.10	<.2	.25	112	1.1	.08	4.8	<.01
6700E 3400N	8.32	139.37	10.75	200.2	783	60.0	10.9	142	2.91	10.6	1.0	50.1	5.6	20.0	.67	3.27	.20	95	.18	.063	25.4	35.3	.74	586.3	.003	5	1.80	.005	.18	<.2	.40	465	2.8	.08	5.1	<.01
6700E 3375N	7.79	99.65	11.23	224.6	1036	51.0	10.7	173	2.75	11.8	1.2	28.6	5.6	39.5	1.23	2.87	.19	75	.55	.103	22.6	30.6	.48	852.8	.011	3	1.70	.007	.13	<.2	.31	409	3.8	.06	4.7	.03
6700E 3350N	5.89	55.92	10.64	118.6	181	33.0	10.1	164	2.80	10.4	.8	4.3	4.0	28.5	.41	1.72	.21	76	.36	.069	16.1	25.2	.46	511.4	.008	2	1.60	.005	.10	<.2	.18	72	1.6	.07	4.5	.02
6700E 3300N	2.08	29.18	10.12	89.2	269	19.4	8.2	217	2.40	7.5	1.2	2.0	2.7	36.5	.62	1.27	.17	59	.78	.053	14.7	27.7	.51	483.0	.026	2	1.39	.008	.10	<.2	.13	75	.9	.03	5.2	.01
6700E 3275N	1.58	35.29	7.67	79.6	300	21.6	7.1	134	1.76	4.5	2.2	4.2	3.4	54.9	.48	.74	.16	53	1.14	.066	17.1	28.4	.70	527.1	.019	4	1.56	.010	.14	<.2	.15	125	1.6	.02	5.2	.05
6700E 3150N	3.04	43.36	11.84	77.1	672	20.6	7.2	272	2.03	12.2	1.7	4.7	.6	13.7	.68	1.38	.35	47	.10	.088	12.4	25.2	.24	316.3	.020	1	1.37	.008	.08	<.2	.14	94	.4	.06	5.5	.08
6700E 3125N	6.06	42.07	17.02	153.4	76	50.5	24.0	786	3.94	19.3	1.3	3.9	2.7	15.9	.48	3.04	.31	70	.10	.077	13.1	36.3	.56	256.1	.041	2	1.91	.008	.11	<.2	.15	57	3.0	.08	6.4	.01
6700E 3100N	2.03	22.16	14.61	72.1	350	30.2	13.4	303	3.45	15.6	.6	1.4	3.6	10.5	.44	1.52	.26	75	.09	.030	9.3	38.0	.46	178.0	.048	1	2.28	.007	.05	<.2	.13	50	.5	.04	6.8	.01
6700E 3025N	3.73	64.85	16.67	113.8	424	40.7	14.4	1849	3.84	25.6	3.0	10.3	4.7	57.5	.99	4.35	.53	110	.99	.132	20.4	46.0	2.43	690.8	.049	4	2.36	.012	.15	<.2	.31	186	4.5	.12	8.1	.05
6700E 3000N	4.73	104.93	28.79	103.6	804	56.1	14.7	1050	4.46	90.3	2.4	16.9	6.2	49.9	.67	12.27	3.10	110	1.06	.130	30.1	43.4	2.18	501.6	.050	4	2.09	.012	.21	<.2	.39	334	1.9	.43	7.6	.04
6800E 3475N	1.73	71.56	15.37	106.1	93	38.4	12.8	379	3.40	9.9	.6	11.2	3.4	12.7	.27	1.45	.39	54	.11	.054	9.4	31.5	.36	159.0	.038	2	1.56	.007	.07	.3	.16	50	1.0	.10	4.2	<.01
6800E 3450N	2.42	65.14	13.40	120.4	97	33.9	12.3	245	3.17	10.1	.7	24.6	4.1	11.8	.52	1.64	.21	54	.10	.046	9.1	30.4	.44	135.8	.044	1	1.53	.006	.08	<.2	.22	69	1.3	.07	4.1	<.01
6800E 3425N	4.29	58.01	11.11	130.0	333	29.3	10.2	430	2.90	10.9	.5	3.3	2.7	11.9	.36	1.33	.51	80	.14	.034	8.0	29.2	.34	301.5	.017	1	1.67	.005	.06	.4	.20	63	1.8	.07	5.7	.01
RE 6800E 3425N	4.42	59.12	11.74	133.9	345	29.5	10.6	450	3.00	11.0	.5	2.4	2.9	12.2	.38	1.37	.23	85	.15	.035	8.3	30.6	.36	312.1	.019	1	1.74	.006	.06	<.2	.19	69	1.8	.07	6.1	.03
6800E 3400N	2.56	39.80	11.27	99.1	973	38.5	8.1	216	2.67	6.8	1.2	21.8	7.3	38.3	.34	1.05	.14	64	.74	.080	55.0	36.5	.66	763.4	.022	5	1.71	.012	.13	.2	.24	512	.6	.03	4.5	.04
6800E 3375N	2.59	25.02	9.14	77.1	253	18.4	6.7	174	2.35	9.6	.5	4.4	2.8	16.1	.56	.89	.14	66	.21	.035	10.7	25.9	.41	419.2	.025	1	1.48	.007	.05	<.2	.14	63	.8	.04	5.3	.01
6800E 3325N	2.60	71.87	9.51	102.3	679	32.1	7.0	222	2.02	7.5	2.1	12.0	1.7	58.9	.65	1.17	.13	63	1.46	.078	18.7	27.0	.51	744.9	.019	2	1.42	.011	.06	<.2	.14	432	1.7	.05	4.1	.05
6800E 3275N	1.66	37.21	8.43	74.4	346	22.7	8.3	184	1.86	5.1	3.3	7.8	3.2	54.4	.50	.68	.13	54	1.11	.074	16.4	29.4	.65	686.6	.021	4	1.58	.009	.12	<.2	.15	144	2.1	.04	5.0	.06
6800E 3250N	1.55	28.55	12.64	90.8	306	21.9	10.7	320	1.78	9.9	1.7	5.1	3.8	48.0	.59	.87	.62	58	.78	.058	18.2	34.7	.88	458.5	.037	4	1.69	.011	.19	<.2	.23	104	4.4	.05	6.0	.06
6800E 3150N	1.75	43.47	27.28	125.0	194	29.4	9.8	349	2.59	164.3	1.8	15.0	5.1	35.2	.71	2.00	3.57	60	.36	.092	14.0	31.6	.64	246.5	.072	1	1.29	.014	.08	.3	.23	39	.9	.18	4.3	.03
6800E 3050N	11.99	114.73	30.05	221.0	1111	101.6	17.1	714	5.34	128.6	4.2	20.4	6.2	47.8	.93	7.79	2.77	156	.07	.122	22.2	43.7	.43	553.9	.019	3	1.81	.013	.17	<.2	.33	211	3.6	.37	5.4	.30
6800E 3025N	3.34	44.45	43.48	129.8	224	27.2	16.9	1031	3.49	47.7	1.5	6.0	5.1	29.3	.44	5.78	.31	82	.18	.061	13.7	35.7	1.00	550.1	.048	2	2.25	.007	.11	<.2	.25	29	1.1	.08	7.8	.04
6900E 3450N	3.54	52.16	7.83	148.6	1301	35.5	7.5	191	1.92	5.0	1.3	27.1	2.6	49.1	1.16	1.18	.12	45	.96	.109	31.0	26.5	.45	468.6	.017	3	1.48	.008	.11	<.2	.24	556	1.0	.03	3.8	.03
6900E 3425N	4.91	38.82	11.06	108.8	98	17.5	3.9	119	2.03	9.2	.6	3.4	.1	7.1	.20	1.66	.21	63	.05	.088	11.3	16.5	.16	104.1	.013	1	.89	.003	.07	<.2	.23	56	.9	.05	5.8	.02
6900E 3400N	16.87	118.23	13.95	289.3	193	46.5	7.5	158	3.17	19.5	1.3	4.4	1.0	18.0	.61	6.02	.35	94	.13	.248	12.2	22.2	.20	131.1	.015	2	1.15	.005	.08	<.2	.25	76	4.9	.15	5.8	.01
6900E 3375N	5.24	43.45	24.56	142.1	245	29.3	9.1	358	3.33	13.0	.9	3.5	3.1	35.0	1.01	1.65	.30	99	.58	.063	12.5	33.8	.64	469.8	.020	2	2.18	.009	.07	<.2	.25	47	1.1	.07	8.0	.04
6900E 3350N	2.52	31.93	8.91	97.2	843	28.2	9.3	224	2.26	7.0	1.0	11.1	4.0	35.2	.42	1.20	.12	63	.66	.085	16.8	27.1	.73	347.9	.033	3	1.38	.013	.10	<.2	.14	105	.6	.04	4.1	.02
6900E 3300N	1.39	28.04	9.80	73.5	503	23.0	15.7	308	1.44	2.0	2.4	8.2	4.5	47.8	.37	.42	.16	37	.96	.054	16.7	27.4	.60	573.2	.022	3	1.45	.009	.12	<.2	.15	174	3.2	<.02	4.8	.08
6900E 3275N	1.91	22.45	37.48	132.0	247	21.2	17.9	597	2.26	21.2	1.0	4.9	4.0	25.6	.31	1.57	.92	143	.25	.042	11.5	43.9	1.27	263.3	.091	2	1.92	.010	.16	.2	.38	29	1.4	.09	8.0	.03
6900E 3225N	2.29	26.35	43.12	215.4	671	14.7	8.8	542	2.39	225.2	4.6	37.5	5.0	90.6	1.75	1.72	8.05	59	1.36	.079	27.1	30.4	.61	253.9	.037	2	1.49	.013	.06	1.0	.18	146	5.8	.60	5.1	.09
STANDARD OS2	13.97	129.33	31.77	163.8	249	36.9	12.2	815	3.19	62.6	21.2	193.9	3.6	29.7	11.39	9.67	11.49	81	.55	.082	13.6	172.4	.59	141.7	.113	2	1.73	.038	.17	7.4	1.92	253	2.5	1.87	6.0	.01

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data A FA

ACME ANALYTICAL

International Kodiak Resources Inc. PROJECT AREA 5/#32 FILE # 9902638 Page 3

ACME ANALYTICAL

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Tl	Hg	Se	Te	Ga	S
	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppb	ppm	ppm	ppm	%
6900E 3125N	4.09	68.04	113.06	484.8	831	43.2	9.5	583	1.89	246.3	6.6	43.3	2.9	76.2	3.64	1.73	6.82	129	1.75	.090	20.2	35.9	.71	248.2	.049	3	1.44	.019	.06	.3	.26	124	4.5	.49	4.2	.11
6900E 3075N	1.78	48.96	57.31	75.3	815	15.7	3.9	110	2.31	329.1	1.6	20.0	2.2	26.5	.69	1.49	9.63	74	.13	.046	9.9	34.1	.47	202.6	.063	1	1.46	.011	.05	.6	.45	43	1.8	.88	5.7	.08
6900E 3050N	4.00	102.19	118.68	475.3	1620	73.7	21.1	1387	4.86	642.2	2.0	324.2	2.8	19.0	3.09	5.55	19.53	197	.27	.161	18.9	70.9	1.79	247.3	.040	2	2.73	.009	.06	.4	.23	101	3.5	1.47	8.4	.02
6900E 3025N	2.52	26.24	49.97	213.4	399	22.1	8.7	532	3.24	388.6	.7	78.5	1.3	11.3	1.45	1.45	6.71	139	.11	.059	11.3	33.8	.58	162.6	.043	1	1.56	.008	.04	.2	.16	31	.9	.67	7.4	.04
6900E 3000N	2.79	76.00	65.20	217.6	674	18.5	7.0	406	2.98	353.7	6	10.5	2.2	10.4	1.41	1.37	7.60	107	.09	.034	11.1	31.8	.47	155.5	.066	1	1.62	.008	.05	.3	.31	30	.9	.22	8.5	.02
7000E 3600N	5.34	76.45	12.25	231.7	1282	62.6	12.2	196	2.61	32.8	1.6	23.8	3.2	42.3	1.17	2.24	.55	89	.47	.159	19.2	28.8	.61	652.3	.027	5	1.52	.009	.15	<.2	.29	324	1.1	.06	4.0	.03
7000E 3575N	8.78	81.95	14.67	249.4	336	59.0	14.7	1877	2.72	70.8	1.7	6.1	2.4	38.1	1.88	2.93	.36	60	.42	.143	20.5	18.6	.26	752.0	.006	6	1.08	.006	.22	<.2	.24	214	1.6	.10	3.1	.05
7000E 3475N	2.11	54.04	11.01	125.8	590	25.8	6.8	279	1.69	6.3	1.9	10.4	2.2	62.2	.81	1.53	.42	60	1.44	.091	26.3	25.1	.87	437.6	.021	5	1.34	.011	.14	<.2	.18	150	1.6	.04	3.9	.05
7000E 3450N	4.75	74.44	12.81	163.3	835	34.4	8.0	224	2.37	11.3	1.5	26.0	2.7	58.0	.86	2.58	.40	64	1.23	.101	25.0	28.3	.75	371.9	.025	4	1.25	.013	.12	.3	.20	159	1.6	.05	3.5	.05
7000E 3425N	7.28	93.27	12.65	221.5	1077	42.8	7.5	215	2.30	11.1	1.8	16.5	2.4	67.9	1.86	3.00	.37	71	1.35	.150	20.6	29.0	.65	418.3	.023	4	1.31	.012	.13	<.2	.23	218	2.6	.06	3.6	.05
7000E 3400N	6.48	74.37	13.76	181.0	868	39.1	7.9	254	2.64	12.4	1.4	14.5	2.3	65.2	1.94	2.46	.48	67	1.43	.140	21.0	28.9	.58	446.2	.027	4	1.31	.014	.12	.3	.24	209	2.3	.06	3.6	.08
7000E 3375N	5.26	62.41	13.61	152.0	903	32.5	7.9	279	2.35	7.9	1.4	11.8	1.6	58.0	1.84	1.85	.37	67	1.29	.109	29.1	29.4	.56	579.7	.024	4	1.63	.010	.12	.2	.22	240	1.5	.05	4.2	.04
7000E 3350N	3.65	23.60	12.12	82.8	146	14.8	5.9	257	2.33	7.6	.8	3.5	.5	14.8	.29	1.04	.37	94	.14	.089	11.9	23.0	.49	246.9	.026	3	1.27	.006	.10	<.2	.20	19	.6	.05	6.5	.02
7000E 3325N	4.63	36.13	23.56	165.5	246	28.2	11.5	345	3.31	12.7	1.4	5.5	2.3	40.3	.62	1.60	.34	145	.21	.135	13.4	41.1	1.35	281.0	.079	3	2.37	.012	.16	<.2	.37	41	1.0	.05	8.0	.06
7000E 3300N	2.59	28.21	22.52	132.1	215	20.5	11.2	324	3.57	60.8	.9	3.1	2.7	63.6	.58	1.41	3.77	92	.11	.084	11.7	35.4	.68	252.0	.072	2	2.01	.013	.13	<.2	.30	43	.9	.08	8.1	.07
7000E 3275N	1.97	23.83	35.16	122.2	109	21.9	10.6	328	3.72	37.1	.8	2.1	4.3	12.6	.38	1.93	1.67	103	.09	.052	12.6	36.6	.78	182.3	.088	1	2.03	.010	.13	.4	.46	30	1.6	.19	9.0	.02
7000E 3225N	1.64	21.49	35.18	226.7	574	12.9	6.6	246	2.70	372.0	3.0	28.8	2.7	60.4	2.23	1.64	6.94	38	.60	.064	27.0	20.0	.34	208.4	.013	1	1.30	.010	.06	.4	.18	80	3.9	.59	4.4	.04
7000E 3200N	2.06	43.47	31.69	193.4	577	22.3	4.6	146	1.45	33.8	5.3	28.5	1.3	67.7	1.16	.76	1.73	109	1.08	.093	19.8	34.9	.36	264.7	.043	1	1.17	.013	.05	.3	.31	125	2.7	.10	4.4	.12
7000E 3125N	4.02	147.45	363.88	1186.7	1987	71.0	14.0	963	2.76	144.7	6.1	22.0	.6	54.0	16.90	1.94	1.47	358	.65	.148	13.0	73.6	.82	361.5	.077	2	1.80	.013	.09	.5	.51	83	1.9	.19	7.9	.10
7000E 3075N	2.46	30.69	309.70	476.2	635	21.8	14.3	665	3.06	587.6	2.3	12.9	2.1	86.5	2.20	1.36	12.04	78	.33	.067	14.0	35.7	.60	207.5	.036	1	1.90	.013	.06	.3	.35	65	3.2	1.41	7.0	.05
7000E 3025N	2.05	55.90	37.01	125.4	328	23.3	6.4	388	2.56	143.4	1.6	12.1	.8	19.7	1.39	1.29	3.73	102	.11	.086	9.4	35.4	.63	196.2	.073	1	1.40	.011	.13	.4	.35	42	1.3	.28	7.4	.07
7000E 3000N	2.46	40.10	51.31	69.2	919	17.4	6.5	268	1.82	164.9	1.2	14.7	.3	27.4	1.69	1.56	4.37	65	.21	.051	11.7	23.3	.25	154.3	.030	1	1.30	.010	.05	<.2	.36	72	1.9	.18	5.5	.07
RE 7000E 3000N	2.53	41.10	51.59	69.6	916	17.6	7.0	273	1.82	168.3	1.2	12.8	.3	28.3	1.74	1.56	4.28	66	.21	.051	12.1	25.5	.25	155.7	.029	1	1.32	.011	.05	<.2	.37	80	1.9	.18	5.5	.05
7100E 3675N	5.12	128.66	10.33	178.2	291	40.4	7.9	220	3.42	9.6	.6	9.0	.2	17.3	.38	1.94	.43	84	.06	.072	6.4	23.1	.04	287.0	.015	2	.56	.006	.07	<.2	.11	169	1.6	.16	3.9	.04
7100E 3650N	9.81	180.56	15.02	348.7	168	62.2	12.3	131	3.69	11.4	.7	16.1	1.5	18.7	.28	3.68	.38	101	.02	.059	7.9	24.5	.09	388.5	.004	2	.94	.003	.10	<.2	.29	221	4.9	.15	5.6	.02
7100E 3625N	3.33	113.73	13.55	386.5	857	104.1	24.4	1241	9.18	11.7	.7	12.8	2.7	8.3	.37	1.38	.35	72	.06	.051	5.6	41.3	.20	421.1	.009	1	1.86	.005	.05	<.2	.14	246	1.4	.11	4.7	.02
7100E 3600N	1.50	89.75	18.07	110.4	83	43.0	14.8	355	4.14	9.8	.6	4.3	3.5	22.1	.22	1.16	.39	73	.17	.038	9.6	45.1	.46	259.5	.032	2	1.72	.008	.08	<.2	.12	32	.8	.13	6.1	.02
7100E 3575N	6.62	96.41	13.85	161.0	381	42.1	10.9	513	4.38	10.4	.8	22.8	2.6	20.0	.67	1.82	.25	86	.16	.060	10.3	30.1	.20	333.8	.011	3	1.40	.006	.07	<.2	.19	259	2.4	.10	4.5	.05
7100E 3525N	13.90	119.22	39.81	455.7	830	138.8	38.8	3374	4.90	145.0	7.1	26.2	3.4	177.6	5.99	5.30	2.87	127	.22	.163	21.6	41.9	.50	795.3	.030	2	2.21	.015	.22	<.2	.40	452	1.9	.38	4.9	.27
7100E 3500N	6.07	102.25	31.60	238.2	811	69.3	17.1	780	3.69	204.5	3.7	20.7	5.1	164.3	1.59	3.95	3.10	115	.31	.129	17.0	38.7	.62	634.4	.057	2	1.62	.018	.18	.2	.41	1084	2.7	.31	5.0	.23
7100E 3475N	1.15	17.25	13.88	52.0	98	19.3	4.6	221	2.44	26.6	.6	6.3	3.5	12.4	.25	.90	.46	59	.11	.039	9.0	24.0	.35	113.0	.056	1	1.59	.007	.04	<.2	.11	60	.7	.05	4.8	.02
7100E 3450N	1.65	27.07	27.99	138.5	432	23.7	10.1	347	2.30	142.2	1.7	8.8	3.4	53.9	.58	1.47	5.32	72	.35	.085	14.5	38.3	.79	256.2	.070	2	1.88	.013	.11	.4	.30	54	1.0	.26	6.1	.04
7100E 3350N	2.18	57.49	29.11	182.7	662	36.3	9.0	211	2.32	105.3	1.8	8.6	3.5	71.6	.97	2.33	2.50	91	.91	.119	18.0	37.4	1.45	297.2	.078	3	2.18	.025	.23	.3	.54	129	1.5	.11	6.6	.06
7100E 3325N	3.41	52.51	32.96	138.1	278	32.1	13.0	387	3.01	259.3	2.1	8.7	2.4	85.6	.65	2.88	5.80	84	.36	.119	14.6	37.6	.93	292.6	.056	2	2.15	.015	.17	.2	.43	60	2.3	.22	6.3	.05
STANDARD OS2	13.89	129.61	30.84	166.3	243	36.6	12.7	824	3.19	63.6	21.0	202.9	3.5	29.3	11.15	9.49	10.73	81	.55	.083	13.7	172.0	.61	144.0	.115	2	1.77	.040	.16	7.1	2.00	234	2.5	1.78	5.8	.03

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data ✓ FA ____

ACME ANALYTICAL

International Kodiak Resources Inc. PROJECT AREA 5/#32 FILE # 9902638 Page 4

ACME ANALYTICAL

SAMPLE #	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
7100E 3300N	2.27	45.68	54.85	176.9	233	34.4	19.2	562	3.63	602.7	1.7	12.5	3.3	52.9	.81	2.74	10.73	72	.26	.104	16.4	33.7	.87	301.2	.055	1	2.36	.013	.18	.3	.39	52	2.5	.48	6.3	.05
7100E 3275N	1.82	40.82	71.76	235.8	387	37.1	26.6	812	4.01	960.8	2.2	11.6	5.0	108.5	1.23	3.52	22.60	69	.35	.096	20.8	36.9	.93	310.6	.046	1	2.51	.014	.19	.2	.35	67	2.4	.84	6.7	.04
7100E 3250N	1.76	10.51	43.19	122.0	671	12.1	6.6	267	3.37	469.2	.6	.6	3.2	26.3	.74	1.12	8.17	88	.12	.028	9.8	23.4	.28	144.4	.044	1	1.68	.006	.05	.3	.17	47	.9	.74	7.8	.03
7100E 3225N	1.66	12.94	29.25	89.8	205	16.0	8.4	428	3.24	456.8	.8	.6	1.5	40.2	.47	1.15	15.67	78	.20	.044	10.8	28.9	.41	148.3	.043	1	1.78	.007	.05	.3	.17	42	.8	2.50	7.4	.02
7100E 3200N	1.79	11.79	35.55	92.5	273	12.8	8.3	487	2.79	71.2	.9	.8	.8	57.9	1.16	.88	2.68	70	.48	.049	9.6	25.0	.36	260.2	.039	<1	1.51	.009	.05	.2	.29	35	1.2	.19	7.1	.04
7100E 3175N	3.71	31.43	48.61	220.2	358	21.5	6.2	272	2.74	128.1	1.6	51.3	4.6	59.2	2.14	1.35	3.23	205	.31	.033	13.8	33.1	.54	222.8	.086	1	1.58	.008	.10	.5	.34	48	1.0	18	7.0	.03
7100E 3125N	3.88	62.78	42.56	392.3	555	37.9	7.5	309	2.46	62.4	3.1	23.8	2.9	32.4	1.42	1.30	1.53	138	.20	.061	13.7	40.7	.67	176.9	.077	1	1.69	.009	.07	.6	.39	60	1.2	.16	5.4	.04
7200E 5500N	4.56	38.25	11.23	110.5	256	45.5	12.5	594	3.38	7.7	2.1	9.3	4.5	54.8	.30	1.26	.23	52	.49	.041	18.0	26.4	.47	594.5	.017	2	1.61	.007	.08	.3	.20	173	.9	.05	4.0	.03
7200E 3625N	3.91	94.48	17.22	153.2	377	51.5	20.3	562	4.50	8.9	.6	27.8	2.6	22.1	68	1.64	.20	63	.06	.067	8.5	26.4	.32	226.2	.024	1	1.35	.005	.09	<.2	.24	137	1.6	.08	4.5	.05
7200E 3600N	6.03	60.72	9.35	123.6	151	24.5	7.3	164	2.92	6.7	.6	2.0	2.8	8.8	.52	1.58	.19	106	.08	.030	14.7	24.9	.24	373.7	.022	1	1.40	.004	.05	<.2	.18	58	1.4	.06	5.7	<.01
7200E 3550N	7.29	129.70	6.75	222.0	1369	51.2	7.4	206	1.66	5.2	1.8	28.6	1.6	109.1	1.91	3.19	.10	59	2.68	.230	20.1	14.8	.44	925.9	.004	5	.90	.006	.12	<.2	.32	976	5.4	.10	2.1	.09
7200E 3450N	3.35	76.91	16.43	85.4	310	30.6	9.0	349	4.75	16.4	.7	11.0	2.8	15.6	.14	1.57	.44	103	.06	.057	17.1	41.2	.22	250.4	.037	1	1.39	.005	.07	<.2	.17	47	1.0	.18	8.5	.01
7200E 3200N	4.91	31.38	46.55	80.1	317	18.1	3.3	190	2.35	41.5	2.1	2.6	.6	18.0	.85	1.19	1.08	183	.13	.066	10.6	31.9	.34	201.3	.095	1	1.16	.006	.09	.5	.47	58	1.0	.07	8.5	.04
7200E 3150N	2.00	41.89	48.69	129.1	481	22.0	7.3	488	2.59	36.7	.8	11.7	1.2	10.9	1.15	1.08	.54	113	.12	.055	8.9	35.2	.45	164.8	.081	1	1.54	.006	.08	.3	.36	98	.6	.04	6.3	.06
7300E 3700N	5.34	76.94	6.38	134.3	909	31.1	6.0	205	1.52	3.9	1.9	16.3	1.0	122.7	1.14	2.06	.14	80	3.11	.220	19.1	19.2	.48	840.6	.006	7	1.13	.007	.13	<.2	.31	658	3.5	.07	2.9	.09
7300E 3675N	1.23	40.49	5.43	88.1	579	19.5	6.3	212	1.30	.5	1.5	16.8	1.2	79.0	.36	.77	.12	49	2.25	.090	9.8	17.9	.66	549.8	.012	6	1.13	.010	.13	<.2	.18	394	2.0	.03	2.9	.08
7300E 3625N	2.07	58.84	5.71	106.6	1255	25.6	5.3	201	1.37	1.7	3.0	23.6	.7	66.4	1.04	1.15	.15	37	1.91	.130	26.4	20.8	.33	1056.2	.013	3	1.05	.007	.09	<.2	.21	598	2.1	.03	2.5	.09
7300E 3575N	8.98	71.50	10.26	261.7	218	47.1	26.1	2210	3.38	10.2	1.8	17.1	1.6	36.7	1.44	3.46	.19	70	.34	.437	15.1	25.3	.28	462.1	.021	2	1.30	.006	.10	.4	.41	192	2.3	.06	3.5	.04
7300E 3525N	7.03	79.83	10.99	217.5	312	58.2	20.9	438	3.10	12.7	1.7	12.2	2.4	55.8	1.26	3.34	.25	97	.25	.157	16.6	28.0	.35	610.5	.016	3	1.49	.009	.14	.2	.30	113	2.6	.12	4.1	.09
7300E 3475N	6.36	83.24	42.82	94.3	194	49.2	18.3	1144	3.77	36.9	3.9	12.0	4.8	194.9	.48	4.15	.27	66	.07	.127	28.0	30.6	.34	995.0	.021	2	1.42	.017	.19	.3	.15	312	2.2	.30	4.0	.21
RE 7300E 3475N	6.25	83.83	43.75	96.5	205	50.2	18.4	1169	3.84	37.4	3.9	13.3	4.9	192.4	.47	4.03	.29	69	.08	.130	27.3	32.8	.38	1137.7	.024	2	1.59	.019	.20	.2	.15	305	2.1	.30	4.2	.24
7300E 3450N	4.69	52.60	11.01	131.4	510	32.2	10.3	287	2.62	7.4	2.2	12.8	1.9	72.1	.60	1.63	.44	78	.79	.135	18.6	30.6	1.01	851.5	.028	3	1.75	.011	.15	<.2	.22	98	1.4	.05	5.5	.07
7300E 3425N	1.99	50.06	36.16	146.1	211	29.8	14.6	995	3.36	72.4	.8	8.3	.8	19.2	.62	3.93	.58	66	.13	.099	14.4	33.9	.43	302.6	.031	2	1.73	.007	.08	<.2	.17	69	1.4	.05	5.3	.05
7300E 3400N	6.09	71.48	51.22	437.6	2881	85.6	16.2	721	4.67	299.5	1.7	22.5	4.4	66.9	1.31	4.10	1.43	46	.82	.121	52.8	20.2	.38	933.2	.006	3	1.44	.005	.14	<.2	.35	228	3.1	.02	2.5	.06
7300E 3375N	12.35	224.28	1072.14	1891.2	12541	78.7	18.1	1505	7.21	2100.7	1.8	59.4	6.3	80.4	13.90	30.45	21.54	102	1.20	.150	31.4	26.3	.59	446.0	.001	3	1.16	.006	.12	<.2	.43	1212	16.8	.22	3.5	.13
7300E 3350N	2.87	98.50	18.95	264.7	505	60.0	23.1	476	4.69	9.2	2.6	12.3	9.1	45.4	1.19	3.46	.40	220	.66	.116	18.8	56.6	3.47	1084.3	.086	5	3.58	.027	.43	<.2	.37	56	2.1	.05	11.4	.04
7300E 3300N	8.47	234.74	115.98	203.8	1011	63.9	27.2	534	5.67	941.5	4.5	111.4	4.1	90.7	1.07	7.66	20.86	109	.14	.070	18.2	51.1	1.77	333.1	.058	2	2.94	.016	.13	<.2	.61	94	6.9	.47	9.1	.07
7300E 3275N	5.05	166.92	104.42	192.1	699	60.3	18.2	372	5.47	740.1	3.0	140.0	6.5	481.5	1.52	6.49	13.68	65	.60	.199	22.6	37.6	1.22	586.0	.042	1	2.64	.052	.19	.2	.79	60	3.8	.63	7.5	.21
7300E 3250N	3.36	87.56	53.09	194.0	426	44.7	17.6	709	3.41	571.6	2.4	40.0	3.0	71.4	1.82	2.48	16.13	109	.32	.082	15.0	39.9	.82	396.3	.079	2	2.24	.015	.13	.3	.36	53	1.9	1.55	6.6	.04
7300E 3225N	3.75	92.98	41.74	134.8	581	33.0	9.8	383	2.69	659.4	2.8	44.1	1.5	75.6	1.16	1.91	23.99	108	.35	.075	15.0	36.7	.61	379.6	.068	1	1.84	.015	.13	.3	.42	60	2.0	2.42	6.5	.06
7300E 3200N	4.58	92.29	84.02	184.2	1146	47.0	16.1	727	3.99	1260.5	3.5	132.1	2.8	73.6	1.78	2.22	48.65	121	.38	.105	25.2	42.0	.57	295.7	.063	1	2.09	.011	.11	.3	.38	89	2.5	3.17	7.0	.06
7300E 3175N	4.13	116.67	51.68	187.0	951	79.7	20.3	449	4.28	1757.4	6.4	162.8	5.7	86.2	1.03	3.05	76.89	149	.49	.135	30.7	54.9	.75	262.3	.059	1	2.06	.026	.11	.6	.46	118	3.1	5.38	5.6	.09
7300E 3100N	3.16	53.12	67.48	178.4	296	23.7	8.5	460	2.88	143.0	1.2	22.9	1.0	23.2	2.54	1.45	1.44	118	.15	.070	9.7	40.4	.51	238.3	.083	1	2.10	.008	.08	.3	.25	51	1.0	.10	8.8	.07
7300E 3075N	3.07	78.27	71.09	203.0	442	31.5	10.4	436	2.78	127.4	2.1	46.2	3.1	57.0	1.91	1.91	1.26	84	.28	.088	14.7	39.3	.78	266.3	.096	1	1.85	.012	.11	.8	.18	54	1.5	.08	6.3	.05
STANDARD DS2	14.17	132.06	30.56	166.5	245	37.5	12.7	827	3.26	63.7	22.1	210.8	3.6	30.2	11.53	9.66	10.98	84	.56	.085	13.7	181.0	.63	150.4	120	2	1.84	.039	.16	7.6	2.12	256	2.6	1.91	5.8	.01

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data A FA ____

ACME ANALYTICAL

International Kodiak Resources Inc. PROJECT AREA 5/#32 FILE # 9902638 Page 5

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
7300E 3050N	2.03	100.62	57.46	280.1	980	34.3	11.7	371	2.69	135.7	1.9	39.4	3.8	132.6	1.91	1.86	1.42	98	.39	.082	18.2	39.6	.87	370.9	.097	2	1.94	.012	.18	.8	.25	42	1.3	.16	6.4	.01
7300E 3025N	1.83	50.82	18.55	93.3	376	35.0	14.7	462	2.81	253.6	2.8	29.3	4.3	71.8	.73	1.41	1.68	75	.30	.080	17.6	38.7	.93	476.2	.119	2	2.04	.011	.22	.6	.22	58	1.1	.08	6.9	.03
7400E 3700N	10.75	88.44	10.14	217.0	1861	48.7	8.0	178	2.94	11.4	1.3	19.2	3.9	112.3	2.49	3.06	.20	75	2.96	.237	39.4	21.4	.93	1159.6	.004	12	1.42	.008	.23	<.2	.46	1046	3.5	.12	3.7	.06
7400E 3675N	10.67	93.66	29.00	120.5	916	66.5	19.9	1761	5.41	31.5	3.0	16.6	4.2	192.8	.50	3.91	.40	90	.41	.158	14.7	23.6	.34	764.0	.006	3	1.67	.015	.28	<.2	.27	523	3.5	.41	3.7	.43
7400E 3625N	3.54	135.48	20.97	279.4	238	99.8	40.5	2992	5.75	12.9	1.2	12.5	3.2	19.4	3.08	1.66	.43	71	.10	.105	12.9	46.2	.42	521.6	.017	2	2.06	.006	.07	<.2	.15	71	1.1	.23	5.8	.04
7300E 3600N	4.51	100.38	29.11	207.3	713	51.3	36.6	1275	4.6m	12.1*	1.4	20.4	3.1	20.7	2.39	2.48	.40	103	.07	.069	15.6	55.8	.36	517.3	.011	4	2.02	.007	.12	<.2	.33	127	1.2	19	7.6	.01
7400E 3525N	2.46	36.01	11.72	149.2	319	38.4	17.8	717	3.20	10.2	1.2	11.7	1.5	29.4	.93	2.28	.21	55	.19	.129	18.1	28.0	.39	285.3	.031	2	1.33	.007	.07	.3	.15	72	1.1	.05	4.2	.03
7400E 3500N	1.14	37.71	11.18	70.9	85	30.2	16.2	721	3.36	9.3	.7	4.0	4.8	17.2	.17	1.01	.19	50	.13	.034	17.7	27.3	.43	401.8	.035	1	1.55	.007	.08	.2	.10	69	.4	.07	4.2	.02
7400E 3450N	8.01	38.89	30.70	119.1	1243	39.7	9.0	1198	3.23	25.8	2.5	4.2	.4	83.9	1.24	4.80	.53	100	.11	.165	20.3	26.7	.24	901.4	.014	1	1.21	.008	.15	<.2	.21	99	2.9	.20	4.9	.17
7400E 3425N	6.30	74.26	16.07	159.7	691	38.4	10.4	417	3.78	14.2	1.2	6.2	.6	26.8	1.34	2.84	.32	80	.15	.106	19.2	29.9	.36	404.0	.016	2	1.66	.007	.08	<.2	.21	94	2.2	.11	5.8	.08
7400E 3350N	14.07	173.08	17.89	264.7	1772	95.6	15.3	225	4.53	61.3	4.1	9.8	5.7	80.0	2.82	6.33	1.06	241	.99	.262	31.6	45.3	3.47	436.3	.070	7	2.86	.010	.35	.3	.62	125	4.4	.09	10.0	.03
7400E 3300N	20.68	324.99	192.16	234.2	5468	89.9	40.8	1132	6.69	676.3	2.6	46.7	5.1	228.6	5.31	51.81	27.56	124	2.99	.160	22.4	32.5	3.31	270.2	.073	10	2.18	.024	.09	.3	3.72	164	14.2	.90	11.8	.02
7400E 3250N	2.40	30.67	18.68	69.0	806	17.4	7.7	384	3.27	28.6	.7	4.3	1.3	14.0	.60	1.97	1.07	81	.07	.060	9.6	28.4	.28	199.1	.056	1	1.37	.011	.06	.3	.22	51	1.1	.10	6.9	.08
7400E 3000N	7.12	90.79	151.87	316.5	1474	38.3	12.1	366	3.03	586.2	1.9	164.2	1.1	128.9	2.32	3.83	11.63	137	.14	.057	13.8	40.9	1.14	204.1	.086	1	2.49	.010	.14	2.4	.36	131	2.7	.46	8.2	.06
99X04256	1.11	19.13	13.62	133.6	229	28.4	14.5	258	3.08	24.7	.7	1.3	4.7	28.4	.56	2.09	.66	79	.25	.036	13.8	40.0	.80	215.9	.065	1	2.58	.009	.15	<.2	.21	22	.5	.04	7.5	<.01
99X04257	1.50	26.24	13.72	111.5	254	32.4	14.0	334	3.09	16.8	1.2	2.1	5.9	36.2	.51	3.88	.45	82	.53	.039	17.0	41.2	.98	209.8	.063	2	2.92	.015	.18	.2	.29	28	.9	.03	8.3	<.01
99X04258	1.01	12.97	9.74	80.7	128	19.7	8.4	218	2.35	10.8	.5	1.3	3.8	20.0	.37	1.80	.70	61	.19	.024	14.0	28.9	.64	235.9	.052	2	1.91	.009	.11	<.2	.17	22	.4	.03	6.0	.01
99X04259	1.36	25.62	10.44	83.2	396	28.3	9.8	218	2.82	18.4	.8	3.7	5.2	19.0	.38	2.34	.49	70	.15	.045	13.1	32.7	.82	251.8	.058	2	2.21	.008	.13	<.2	.20	41	.5	.04	6.2	<.01
99X04260	1.56	31.04	11.15	86.5	476	33.9	10.7	257	3.13	20.4	.7	2.0	4.9	24.3	.52	2.75	.49	86	.18	.101	15.6	43.1	1.03	376.3	.069	3	2.53	.010	.18	<.2	.22	27	.8	.04	7.5	<.01
99X04261	1.62	39.74	9.69	86.3	295	30.0	8.6	245	2.49	14.7	1.3	5.6	6.0	37.6	.40	3.09	.30	71	.31	.069	23.3	36.7	.84	400.8	.077	2	1.80	.014	.12	<.2	.21	104	1.0	.04	5.7	.01
99X04262	2.21	32.09	10.47	110.7	1234	29.2	9.5	255	2.77	17.6	.8	4.8	4.0	26.9	1.65	3.14	.30	80	.18	.074	15.2	35.6	.65	305.1	.046	1	1.95	.009	.10	.3	.19	225	1.1	.04	5.8	<.01
99X04263	11.37	92.89	15.96	348.7	985	53.1	13.0	385	3.30	34.4	3.2	6.1	5.1	76.5	2.68	10.46	.71	214	.33	.185	20.8	43.7	.72	446.9	.045	3	1.66	.009	.19	.3	.37	481	6.5	.14	6.0	.01
RE 99X04263	11.98	95.28	15.71	354.9	992	54.4	13.5	386	3.36	35.2	3.3	6.0	5.2	75.9	2.71	10.56	.74	218	.34	.188	21.7	44.6	.74	464.5	.047	3	1.71	.009	.19	.2	.38	493	6.6	.12	5.9	.01
99X04264	1.87	38.62	10.40	88.0	542	28.0	9.4	418	2.50	15.2	1.5	3.7	5.7	33.0	.78	2.83	.40	83	.30	.055	21.0	39.4	.86	433.1	.062	2	1.99	.012	.12	<.2	.21	286	.8	.04	6.3	.01
99X04265	4.03	66.87	13.71	231.9	2571	42.2	13.4	437	3.16	23.8	2.2	6.9	5.4	44.1	2.68	5.12	.53	146	.33	.076	20.6	48.4	.95	474.9	.050	3	2.42	.011	.16	.2	.32	723	1.9	.09	7.5	<.01
99X04266	2.04	37.98	14.02	98.9	226	30.8	13.6	542	2.91	12.8	1.2	7.9	2.8	17.2	.59	2.17	.22	69	.12	.054	16.5	34.5	.48	212.0	.050	1	1.58	.009	.06	.3	.15	66	.8	.06	5.0	.02
99X04267	2.23	32.51	14.46	85.2	370	30.1	13.1	546	3.27	13.9	.7	2.2	3.4	18.9	.55	1.61	.26	89	.13	.037	11.8	40.1	.58	247.3	.066	1	2.02	.009	.06	.2	.16	42	.6	.06	6.8	.02
99X04268	2.91	41.55	14.98	150.9	480	36.3	10.5	433	2.55	19.0	1.7	7.0	5.7	41.0	1.42	3.68	.30	87	.37	.064	18.6	34.8	.70	417.4	.061	2	1.63	.011	.10	<.2	.20	179	1.3	.04	5.3	.01
99X04269	3.19	50.00	14.05	197.7	477	42.5	10.0	298	2.83	24.1	1.6	7.5	6.2	35.4	1.56	5.05	.35	107	.27	.056	19.2	38.8	.83	380.2	.073	2	1.84	.010	.12	.2	.24	195	1.4	.04	5.6	<.01
99X04270	5.13	53.36	13.27	215.3	990	44.0	8.7	358	2.74	44.9	2.6	8.3	5.1	45.9	1.96	8.23	.43	196	.33	.091	20.8	48.5	.66	465.8	.043	3	1.88	.009	.09	.3	.29	313	2.6	.08	5.9	.02
99X04271	4.59	51.74	16.68	300.8	893	34.2	7.4	226	2.72	46.3	1.8	5.1	5.7	38.1	2.43	10.21	.63	159	.19	.042	20.2	41.8	.62	402.5	.030	2	1.98	.010	.08	<.2	.35	419	2.7	.06	5.8	<.01
99X04272	9.80	62.93	15.25	331.1	1104	48.4	8.4	287	2.90	38.6	2.4	9.9	4.1	50.3	2.05	14.33	.44	193	.14	.098	19.0	40.9	.54	461.9	.026	3	1.72	.007	.11	.2	.36	343	5.6	.10	5.8	.03
99X04273	6.72	61.30	12.39	225.5	2983	44.3	8.8	218	2.83	32.2	2.1	5.5	4.6	35.2	1.78	8.18	.38	185	.16	.089	15.9	43.1	.53	329.5	.038	2	1.93	.008	.10	.3	.26	611	3.5	.09	6.0	.01
99X04274	22.08	189.65	23.57	826.2	4307	143.0	10.9	239	3.57	94.8	8.4	10.8	6.2	161.8	5.18	39.01	1.10	357	.70	.484	26.9	75.3	.55	953.6	.030	4	1.74	.009	.18	.3	.42	1182	12.8	.36	5.0	.03
STANDARD DS2	13.95	127.61	29.89	161.5	384	36.1	12.1	801	3.14	60.9	21.1	195.9	3.5	33.9	12.76	9.90	10.29	79	.54	.081	17.2	167.1	.60	142.0	.114	2	1.74	.039	.16	7.0	2.09	244	2.4	1.97	6.2	.03

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data A FA

ACME ANALYTICAL

International Kodiak Resources Inc. PROJECT AREA 5/#32 FILE # 9902638 Page 6

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99X04275	3.71	52.02	11.78	254.8	786	48.2	10.2	252	2.98	44.7	1.4	3.9	5.0	20.4	1.45	5.45	1.22	139	.13	.106	11.2	49.9	.66	297.3	.044	1	2.44	.008	.07	.3	.19	223	1.8	.16	6.2	<.01
99X04276	2.69	36.64	11.30	217.2	1039	51.3	10.4	231	2.83	54.2	1.0	4.9	4.6	15.8	1.29	5.63	1.98	85	.10	.077	11.6	41.8	.61	228.0	.045	1	2.19	.007	.07	.2	.17	171	1.1	.20	5.4	<.01
99X04277	4.15	37.79	11.84	249.7	753	46.9	10.5	263	2.93	86.3	1.2	3.8	4.7	18.7	1.56	3.44	1.86	107	.12	.087	12.5	43.2	.63	318.1	.053	2	2.31	.009	.07	<.2	.18	103	1.3	.15	6.2	<.01
99X04278	1.29	21.32	9.73	75.3	114	23.1	9.6	218	2.56	15.4	.5	2.4	4.2	15.8	.28	2.06	.52	66	.17	.028	11.9	35.4	.84	238.6	.062	1	2.08	.009	.09	<.2	.20	18	1.1	.04	5.9	<.01
99X04279	1.15	22.11	11.73	81.0	100	26.6	9.5	240	2.81	20.3	.6	2.7	4.9	16.2	.33	1.83	.42	75	.14	.023	10.9	41.7	.81	186.2	.075	<1	2.29	.009	.08	<.2	.16	20	1.0	.05	5.9	<.01
99X04280	2.17	33.20	19.86	131.4	364	31.7	14.1	417	3.39	32.9	1.3	8.7	5.6	47.3	.53	2.97	.41	105	.52	.071	15.4	47.0	1.06	320.8	.106	2	2.84	.018	.13	.4	.26	37	1.7	.06	8.4	.01
99X05259	2.16	23.35	15.30	79.6	240	21.5	7.8	264	2.62	39.8	.9	5.7	4.3	27.4	.34	2.05	.33	97	.25	.043	13.4	33.8	.74	212.3	.087	2	2.00	.013	.10	.5	.22	34	.9	.07	8.3	.05
99X05260	2.09	32.77	17.03	114.0	327	30.2	11.9	423	3.12	22.7	.9	5.3	5.4	32.4	.86	3.60	.43	101	.22	.039	14.7	43.5	1.13	295.5	.102	2	2.53	.011	.20	.3	.29	26	1.5	.05	8.5	.02
99X05261	1.11	31.12	10.29	70.4	66	24.9	8.8	243	2.53	13.6	1.1	6.9	5.8	25.6	.24	2.34	.27	75	.33	.039	16.6	40.0	.88	316.2	.087	1	1.83	.016	.10	.2	.19	39	.7	.02	5.9	.01
99X05262	1.84	34.93	9.49	176.3	158	35.6	9.4	265	2.48	17.5	1.4	6.8	6.2	23.4	1.49	3.00	.44	96	.31	.030	18.8	38.5	.81	440.5	.077	1	1.87	.011	.08	.4	.21	86	1.0	.04	5.6	<.01
99X05263	2.07	31.06	13.33	100.2	1148	23.9	14.0	911	2.30	13.8	1.2	7.6	2.3	33.1	1.45	2.10	.32	70	.61	.057	13.8	32.7	.63	411.7	.050	1	1.70	.015	.08	.3	.21	102	1.5	.03	5.8	.03
99X05264	2.60	39.20	9.61	163.7	291	32.9	7.8	226	2.48	19.5	1.4	7.0	5.4	24.8	1.38	2.91	.34	108	.35	.063	16.6	36.0	.68	394.5	.059	1	1.70	.014	.08	.3	.19	169	1.0	.03	5.1	<.01
RE 99X05264	2.46	37.67	9.09	157.1	264	31.5	7.7	220	2.37	18.3	1.4	9.2	5.3	24.1	1.31	2.73	.31	103	.34	.060	16.1	36.7	.64	373.2	.057	1	1.62	.013	.08	.2	.19	153	.9	.04	4.9	<.01
99X05265	4.92	51.67	11.59	275.1	510	47.7	10.3	355	2.81	26.6	2.1	4.5	5.7	33.9	2.04	5.20	.50	145	.41	.061	18.4	47.6	.70	550.4	.062	1	1.87	.013	.08	<.2	.23	497	1.4	.05	5.5	<.01
99X05266	6.54	37.60	27.62	519.9	185	55.0	15.5	487	4.47	70.2	1.6	9.8	10.7	41.7	1.88	10.02	1.05	140	.66	.123	26.7	84.8	1.49	867.4	.228	1	3.26	.011	.37	.3	.62	460	1.6	.11	11.6	<.01
99X05267	2.32	29.76	10.31	138.9	283	30.9	9.6	279	2.44	24.4	1.3	3.3	4.9	28.4	.61	2.93	.58	79	.28	.058	14.4	36.1	.61	362.8	.058	1	1.79	.010	.06	<.2	.15	175	1.0	.06	5.0	<.01
99X05268	17.97	135.76	22.41	773.2	1037	112.3	13.0	387	3.31	65.1	4.4	9.4	7.1	86.9	5.38	22.59	.83	251	.65	.217	21.7	52.5	.67	800.2	.087	2	1.66	.014	.16	.3	.54	907	6.4	.16	5.8	.01
99X06271	4.20	114.06	33.83	180.6	274	44.3	10.5	582	4.67	15.4	.8	13.4	.5	15.3	.53	3.99	.36	95	.06	.088	8.3	25.2	.18	185.1	.023	1	1.11	.004	.05	<.2	.19	74	1.9	.11	5.8	.01
99X06272	2.13	189.24	48.23	194.1	890	70.3	36.6	1905	4.87	10.0	1.2	90.1	1.7	16.1	1.62	3.02	.49	57	.10	.092	10.3	23.6	.22	203.8	.025	2	1.14	.006	.08	<.2	.26	201	2.1	.27	3.6	.02
99X06273	2.72	150.48	33.66	155.9	1222	50.2	20.2	991	4.39	11.4	.9	45.2	2.3	12.6	.56	2.95	.39	74	.07	.077	9.2	24.1	.16	137.0	.028	2	1.25	.004	.06	<.2	.21	184	2.3	.17	4.5	.02
99X06274	2.95	155.80	29.12	211.3	489	55.1	12.9	508	5.98	13.3	.7	107.9	1.5	13.7	.32	2.85	.46	77	.07	.072	6.6	29.7	.16	181.6	.021	2	1.18	.005	.07	<.2	.24	91	3.2	.19	5.1	.03
99X06275	3.03	179.48	26.70	285.6	597	89.3	27.0	1035	6.77	13.3	.9	12.9	1.3	27.9	.53	2.82	.45	64	.06	.087	5.9	32.0	.14	329.7	.009	2	1.11	.004	.08	<.2	.28	106	3.8	.19	3.6	.02
99X06276	2.02	140.82	23.22	149.6	282	47.9	18.4	685	5.80	8.9	.6	10.5	2.5	25.6	.39	1.89	.35	68	.10	.077	7.5	28.2	.30	427.2	.010	3	1.32	.005	.11	<.2	.29	69	1.8	.16	4.6	.02
99X06277	3.78	64.49	28.38	78.0	707	21.9	7.9	452	2.32	10.0	1.6	21.6	.3	20.7	.42	2.50	.27	70	.07	.064	6.8	24.4	.12	330.0	.009	3	.80	.004	.08	<.2	.24	337	3.0	.10	3.1	.04
99X06278	3.48	50.17	11.73	67.8	350	26.7	9.9	366	2.37	14.5	2.0	5.9	3.2	38.2	.22	3.15	.18	124	.17	.068	13.6	37.0	.40	395.7	.032	2	1.39	.008	.06	<.2	.18	96	1.2	.06	3.7	.04
99X06279	11.32	159.19	20.40	374.5	161	61.0	24.8	776	4.76	19.8	2.8	14.8	4.8	65.8	1.12	4.76	.30	116	.39	.239	10.1	29.2	.28	471.4	.013	4	1.49	.005	.16	<.2	.45	168	3.5	.11	4.3	.02
99X06280	5.78	106.36	26.48	171.6	341	36.1	9.7	493	3.62	14.9	.8	7.9	1.7	16.8	.62	3.22	.23	81	.07	.083	7.6	26.8	.25	148.8	.025	1	1.20	.005	.06	<.2	.21	84	2.4	.09	4.8	.01
99X06281	3.98	31.06	18.38	92.5	513	25.0	9.4	599	2.91	15.6	1.1	7.7	3.2	56.8	.40	1.93	.33	99	.14	.117	10.3	40.3	.34	542.5	.034	2	1.30	.007	.09	<.2	.18	217	1.4	.12	5.1	.05
99X06282	3.41	29.77	17.29	124.5	413	26.0	9.6	772	3.17	13.1	.8	3.7	2.7	51.9	.84	1.92	.30	104	.13	.114	11.0	37.0	.30	652.5	.041	2	1.23	.007	.11	<.2	.16	156	1.0	.11	5.2	.05
99X10222	12.17	185.40	33.07	240.5	2749	132.4	23.9	2800	6.38	44.1	12.5	21.1	3.7	435.9	1.63	10.08	.43	254	.62	.475	12.9	41.1	.13	356.4	.010	4	1.61	.020	.36	<.2	.43	744	5.8	.44	3.6	.80
99X10223	20.49	144.39	42.14	341.1	1332	82.1	15.8	846	5.04	49.0	6.5	11.5	3.4	223.7	3.20	7.36	.43	124	.21	.246	16.1	27.7	.11	781.8	.006	3	1.09	.009	.29	<.2	.28	649	8.4	.47	2.8	.53
99X10224	1.66	278.13	28.93	133.2	258	149.9	51.4	2172	9.35	21.0	1.5	24.2	4.2	23.4	.46	4.39	.68	62	.06	.071	10.7	27.6	.10	549.0	.012	1	.76	.002	.06	<.2	.43	206	2.9	.29	2.6	<.01
99X10225	1.86	51.86	13.52	112.2	92	38.2	12.9	623	3.35	15.6	.8	8.6	4.9	39.5	.39	1.85	.27	73	.40	.078	14.4	41.5	.68	684.4	.076	1	1.74	.018	.08	.3	.12	124	.4	.06	5.2	<.01
99X10226	14.79	139.32	27.00	390.3	1167	86.4	15.6	1733	5.23	19.9	1.7	21.4	4.5	65.5	2.95	6.98	.30	174	.45	.094	11.2	36.5	.48	1128.3	.034	2	1.34	.015	.10	<.2	.40	736	3.4	.13	4.2	<.01
STANDARD DS	14.01	129.56	30.79	165.0	240	37.4	12.4	818	3.17	62.8	18.6	205.8	3.4	29.6	11.57	9.69	10.78	82	.55	.083	13.5	175.1	.60	143.7	.115	2	1.75	.039	.16	7.4	2.07	258	2.4	1.78	6.0	.03

Standard is STANDARD DS2. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data f FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99X10227	13.41	109.31	16.46	380.1	269	79.8	17.6	504	3.28	20.9	2.2	13.9	4.3	42.3	1.21	6.22	.31	140	.22	.049	19.1	26.2	.33	731.4	.022	2	1.05	.008	.09	<.2	.37	411	4.3	.13	3.1	.05
99X10228	8.49	131.60	46.61	221.3	541	91.4	28.1	762	6.45	42.6	5.0	4.4	6.0	131.5	.21	5.03	.73	50	.32	.225	13.7	12.5	.12	206.0	.007	2	.65	.013	.42	<.2	.26	451	4.7	.58	2.0	.85
99X10229	1.80	34.55	11.30	79.0	84	30.2	11.7	463	2.92	12.8	.9	4.6	4.2	17.7	.12	1.18	.23	54	.20	.051	12.4	28.1	.45	345.4	.042	1	1.46	.007	.06	.2	.10	88	.8	.05	4.1	.01
99X10230	22.97	84.09	24.49	189.3	893	83.1	22.9	5199	5.18	33.3	2.8	10.0	4.3	87.8	1.24	5.33	.33	78	.41	.101	9.7	20.7	.21	1114.0	.021	2	.72	.011	.16	.2	.32	1848	3.6	.25	2.2	.20
99X10231	3.25	30.17	13.70	59.2	424	18.9	5.8	170	2.11	11.1	1.3	5.3	.7	24.9	.35	1.52	.33	60	.15	.076	9.9	22.7	.27	250.2	.018	2	1.04	.006	.05	.2	.14	854	1.3	.08	3.6	.02
99X10232	21.50	109.52	14.74	323.4	712	57.9	7.2	246	2.08	31.4	5.8	8.2	.7	102.7	1.85	19.16	.23	266	.19	.121	7.3	30.4	.10	477.7	.008	3	.68	.006	.11	<.2	.67	677	5.9	.14	2.4	.15
99X10233	5.46	72.26	13.73	236.2	206	41.7	12.5	450	2.88	9.8	1.2	23.1	1.5	19.1	.97	3.32	.21	83	.14	.085	7.2	24.4	.26	127.4	.025	1	.85	.007	.07	<.2	.18	104	1.4	.09	3.0	.01
99X10234	8.53	54.51	18.90	151.9	820	28.6	15.9	714	2.17	8.3	2.2	21.5	.3	19.7	1.37	2.80	.31	119	.12	.102	9.2	24.8	.17	227.3	.015	2	.90	.004	.07	<.2	.35	487	1.9	.09	4.4	.03
99X10235	4.34	165.38	66.09	238.5	319	90.6	25.5	905	6.92	37.3	.7	21.7	1.7	34.5	.90	7.84	.55	56	.04	.059	3.6	22.3	.04	242.0	.002	2	.55	.003	.09	<.2	.49	284	4.4	.24	2.5	.07
99X10236	11.28	149.95	40.11	221.8	2649	181.0	23.8	3484	9.80	50.8	2.8	39.5	4.3	198.7	1.87	14.83	.29	309	2.36	.157	8.7	47.1	.83	2137.4	.002	3	.56	.004	.10	<.2	.78	1894	7.3	.26	2.3	.01
99X10237	5.08	30.83	13.96	115.9	157	29.6	12.8	559	3.22	16.0	1.3	6.0	2.3	24.5	.55	1.78	.24	73	.14	.082	12.4	25.5	.31	260.5	.036	1	1.30	.007	.08	<.2	.12	93	1.5	.08	4.8	.04
99X11224	11.74	103.84	19.32	193.9	1707	43.1	8.9	454	2.67	20.2	5.0	30.1	.4	47.7	3.46	4.04	.30	133	.12	.199	9.3	35.3	.14	352.7	.011	2	1.31	.005	.07	<.2	.25	2154	2.9	.13	3.8	.06
99X11225	6.84	79.80	13.82	215.1	380	42.7	8.0	170	2.97	10.0	1.1	15.2	.3	15.7	.43	2.32	.29	77	.04	.082	6.5	21.0	.10	183.0	.010	1	.64	.004	.09	<.2	.14	441	1.7	.13	3.7	.03
99X11226	2.67	17.07	8.90	70.3	503	12.3	2.6	79	1.11	5.5	.9	8.2	.8	24.3	.86	2.16	.17	39	.22	.057	8.2	20.7	.23	159.8	.020	1	.73	.007	.07	<.2	.18	402	1.5	.06	3.3	.05
99X11227	8.64	45.93	12.53	125.5	610	27.8	4.8	151	1.75	11.0	1.9	6.9	1.0	28.9	.81	3.86	.43	109	.12	.071	10.3	24.8	.20	219.2	.023	2	.78	.006	.07	.5	.30	316	2.0	.08	3.7	.02
99X11228	4.66	63.49	12.34	265.2	155	49.3	19.4	1174	3.55	10.3	2.7	9.6	1.6	23.8	1.96	1.36	.30	66	.08	.073	12.1	28.0	.30	260.9	.022	2	1.49	.006	.10	<.2	.16	236	1.3	.09	4.4	.03
99X11229	8.42	46.05	14.10	83.5	544	24.0	3.9	90	2.11	14.0	2.4	5.6	.1	36.3	.34	2.61	.23	90	.08	.129	8.3	25.6	.08	275.3	.007	2	.54	.004	.07	<.2	.19	507	3.0	.11	2.6	.07
99X11230	16.30	79.10	47.55	94.9	1315	36.8	10.0	697	4.64	35.1	3.7	15.2	1.5	101.6	.67	4.88	.52	85	.13	.195	12.8	16.6	.04	529.9	.003	2	.59	.007	.22	<.2	.28	816	5.3	.53	2.1	.52
RE 99X11230	17.18	81.65	48.03	100.5	1355	38.2	10.4	728	4.86	35.6	3.8	15.2	1.5	104.5	.71	5.09	.52	89	.14	.205	13.2	15.9	.04	552.7	.004	3	.61	.007	.22	<.2	.29	847	5.8	.51	2.2	.54
99X11231	3.21	34.95	11.54	98.0	655	30.6	27.5	1664	2.59	8.5	1.2	11.4	1.3	27.6	.60	1.49	.29	80	.25	.087	8.8	23.9	.34	421.3	.016	2	1.19	.007	.06	<.2	.19	321	1.1	.07	3.9	.03
99X11232	3.46	90.83	17.21	97.9	211	33.9	11.0	630	3.95	12.4	.8	14.1	1.4	14.7	.30	2.07	.35	71	.05	.065	8.9	21.3	.17	186.3	.026	1	.95	.005	.07	<.2	.17	106	1.3	.11	4.9	.02
99X11233	3.26	119.46	10.32	89.7	314	28.3	6.4	177	3.00	10.8	.6	5.8	.4	11.5	.15	1.94	.30	88	.02	.050	8.7	17.0	.04	142.1	.021	1	.54	.003	.05	<.2	.13	62	1.2	.12	6.1	.01
99X11234	1.92	25.40	10.78	44.1	796	11.9	3.8	131	2.84	11.7	.3	3.6	.8	7.5	.08	1.08	.27	82	.03	.037	7.2	19.2	.11	108.2	.032	1	.92	.004	.04	<.2	.11	83	.6	.05	7.0	<.01
99X11235	3.49	57.02	12.71	154.0	434	36.2	9.2	280	2.78	13.5	1.3	11.2	1.7	30.7	.57	2.22	.26	79	.16	.098	10.2	26.8	.35	192.3	.040	2	1.00	.007	.08	<.2	.14	231	1.2	.08	3.7	.01
99X11236	1.42	41.98	8.74	34.8	622	9.4	1.0	32	.84	3.9	1.6	7.2	<.1	20.1	.64	.91	.16	25	.06	.101	4.9	12.3	.02	136.0	.003	1	.39	.005	.04	<.2	.12	811	2.0	.06	2.4	.05
99X11237	8.74	118.12	22.21	177.1	2724	45.4	5.9	180	2.36	20.8	5.8	22.8	.3	72.8	3.36	3.82	.31	148	.17	.322	9.7	38.7	.10	566.6	.008	2	1.03	.004	.08	<.2	.32	2741	4.2	.16	3.3	.04
99X11238	8.84	69.63	22.64	366.9	170	59.9	18.2	2448	4.75	14.9	2.0	3.2	1.0	25.8	3.12	1.70	.29	112	.05	.125	10.6	33.6	.11	329.3	.017	1	1.09	.006	.12	<.2	.15	96	1.8	.09	4.7	.14
99X11239	4.80	58.76	14.55	148.4	621	35.0	4.2	162	2.58	40.0	3.6	7.1	.1	170.3	1.01	5.55	.25	303	.36	.302	9.9	52.8	.14	368.5	.017	1	1.19	.007	.06	<.2	.16	390	3.0	.14	6.4	.10
99X12194	2.78	28.94	12.92	100.6	232	20.4	6.9	331	2.93	12.2	.5	2.3	1.4	16.1	.53	.98	.26	85	.11	.103	8.4	28.4	.33	234.1	.037	1	1.39	.008	.05	<.2	.12	44	.7	.06	6.0	<.01
99X12195	4.64	26.58	18.01	129.9	588	27.6	9.7	431	2.94	12.8	.9	2.5	2.3	59.1	.76	1.75	.29	90	.14	.085	8.1	32.7	.30	447.4	.033	2	1.36	.007	.08	<.2	.14	76	1.3	.12	5.1	.04
99X12196	4.22	34.79	18.62	147.5	336	45.7	14.3	919	3.41	14.7	.9	2.7	3.3	57.7	.83	1.90	.34	89	.16	.053	10.1	55.3	.32	631.6	.034	1	1.26	.008	.11	<.2	.14	89	.9	.12	4.6	.05
99X12197	2.77	127.11	22.24	178.4	1172	54.9	13.8	939	4.07	13.8	1.3	29.8	.8	52.6	1.83	2.71	.35	84	.70	.112	10.7	33.9	.36	834.0	.013	2	1.58	.007	.08	<.2	.24	514	2.2	.12	4.6	.05
99X12198	4.20	163.42	17.63	243.5	742	79.9	17.8	917	4.19	19.7	1.3	13.7	.7	46.2	2.94	3.51	.45	98	.45	.066	7.2	25.9	.15	517.6	.016	2	.92	.006	.07	<.2	.17	386	2.0	.18	3.9	.03
99X12199	2.63	66.07	17.24	92.9	63	22.5	7.2	682	3.97	13.4	.5	4.3	.3	9.8	.17	2.06	.36	94	.06	.054	7.0	23.9	.12	126.2	.021	2	.88	.005	.04	<.2	.11	41	.8	.11	6.5	.03
STANDARD DS2	14.73	131.51	31.78	166.0	274	37.1	13.0	829	3.24	65.7	18.4	207.6	3.5	29.7	11.41	10.01	11.03	82	.55	.084	13.9	175.4	.63	151.5	.120	2	1.84	.041	.17	7.5	1.95	238	1.9	1.89	6.4	.03

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data d FA ____

ACME ANALYTICAL

International Kodiak Resources Inc. PROJECT AREA 5/#32 FILE # 9902638 Page 8

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99X12200	3.58	123.16	19.77	128.2	78	32.4	8.6	501	3.81	13.6	.5	8.2	.4	9.0	.21	3.90	.46	99	.04	.066	6.8	17.5	.06	106.9	.022	2	.62	.004	.05	<.2	.13	39	1.1	.16	5.9	.01
99X12201	5.05	154.15	22.58	171.0	132	39.4	7.8	469	3.79	13.7	.6	6.8	.1	12.1	.24	6.05	.39	91	.07	.088	5.3	17.5	.06	185.4	.007	2	.69	.004	.08	<.2	.14	64	1.6	.14	5.5	.02
99X12202	2.47	84.37	19.53	79.0	158	42.6	13.6	2798	8.11	13.6	.6	6.7	2.1	16.6	.34	3.25	.32	126	.13	.078	7.5	26.9	.22	416.1	.018	2	1.48	.005	.06	<.2	.15	76	1.7	.11	4.7	.01
99X12203	3.00	221.63	26.93	136.1	725	154.3	20.2	4817	7.95	23.2	.9	27.0	2.3	43.7	.97	7.11	.33	208	.59	.055	9.9	23.6	.24	1354.8	.008	2	1.07	.007	.05	<.2	.15	435	4.1	.16	2.4	.03
99X12204	11.52	98.47	14.74	196.1	314	40.5	7.8	335	4.36	21.0	.6	2.4	1.1	10.2	.38	2.95	.40	124	.05	.099	6.1	24.0	.24	133.7	.024	1	1.28	.004	.06	.3	.21	74	3.6	.16	6.2	.02
99X12205	2.80	23.17	13.00	89.3	321	18.9	5.1	177	3.03	16.7	.5	1.9	.5	11.8	.22	2.42	.31	116	.07	.068	7.4	24.9	.17	163.3	.033	<1	1.07	.005	.05	.3	.19	45	1.0	.07	6.8	.04
99X12206	2.46	38.05	9.91	121.4	49	39.2	13.8	1197	3.44	9.5	.7	4.2	3.6	13.4	.30	1.07	.38	53	.13	.030	9.5	23.1	.36	213.3	.022	1	1.40	.006	.09	.3	.12	41	.7	.06	4.1	<.01
99X12207	2.98	42.45	13.78	143.6	60	46.7	13.5	696	4.15	11.8	.6	3.5	3.5	10.1	.28	1.36	.28	67	.08	.028	8.2	32.8	.34	211.7	.030	1	2.11	.005	.06	.2	.13	61	.6	.07	5.6	.01
RE 99X12207	3.02	42.59	13.67	144.0	55	46.4	13.8	695	4.17	11.5	.6	2.7	3.4	9.4	.29	1.40	.28	65	.08	.028	7.7	27.7	.33	210.4	.027	1	2.05	.005	.05	.3	.12	48	.6	.06	5.3	<.01
99X12215	4.10	295.31	36.95	275.7	1401	123.2	28.6	1186	8.48	19.9	3.5	45.8	1.9	18.1	1.30	8.91	.63	62	.09	.063	10.7	27.9	.08	416.2	.003	3	.82	.004	.11	<.2	.42	888	2.2	.31	2.9	.01
99X12216	2.55	36.42	31.82	199.8	445	34.7	17.3	1283	3.83	10.6	5.3	3.6	16.9	207.1	1.59	1.21	.16	188	.95	.087	32.4	59.2	1.20	1069.8	.173	5	2.78	.036	.39	1.0	.31	57	.5	.05	10.0	.02
STANDARD DS2	14.26	132.26	31.66	165.6	250	38.8	12.6	827	3.23	64.7	19.2	202.0	3.6	30.9	11.44	9.78	11.37	83	.56	.081	13.9	178.0	.63	151.4	.120	1	1.85	.040	.17	7.4	1.98	249	2.5	1.96	6.2	.03

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data d FA ____

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 5/#32 File # 9902639

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99R06283	10.54	110.76	117.50	210.9	1036	88.1	8.6	392	2.74	57.8	7.1	17.8	3.8	56.0	2.06	2.51	1.78	473	1.19	.392	15.6	123.2	.76	488.9	.164	1	1.41	.055	.45	7.4	1.26	12	8.7	.14	7.4	.59

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: ROCK

DATE RECEIVED: AUG 3 1999 DATE REPORT MAILED: Aug 11/99 SIGNED BY ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data ✓ FA ____

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 1/#33 File # 9902640

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99R11256	2.75	15.14	31.33	29.8	150	10.9	9.3	363	1.86	10185.6	10.6	11.6	38.0	47.6	.21	14.08	2.71	42	.46	.111	43.8	17.8	.05	87.9	.002	2	.98	.008	.04	1.8	.23	4018	.8	3.02	2.7	.03
99R11257	.71	7.03	3.19	3.8	109	4.8	2.4	242	.95	1651.1	7.3	2.7	32.6	143.4	.08	3.86	.55	7	3.10	.059	18.5	7.0	1.13	44.8	.001	2	.64	.006	.08	2.9	.09	109	.2	.20	1.8	.05
99R11267	6.04	29.78	25.07	62.2	167	10.9	9.8	409	2.44	83.5	10.0	280.6	41.2	47.2	.36	3.47	.22	58	.66	.102	35.3	36.4	.60	240.0	.261	1	1.09	.110	.71	6.1	.64	41	.2	.04	5.3	<.01
99R11269	5.31	28.44	22.69	68.4	171	9.9	11.1	325	2.55	43.5	17.1	124.1	44.0	43.3	.29	9.22	.34	56	.63	.101	36.8	30.1	.58	210.2	.241	1	1.21	.083	.68	4.8	.71	96	.1	.03	5.4	.02
99R11270	7.80	30.68	20.56	62.6	171	11.8	10.3	360	2.61	34.1	18.2	305.2	45.2	54.8	.25	6.60	.42	59	.89	.102	38.4	31.0	.61	228.3	.241	1	1.18	.092	.70	6.8	.74	42	<.1	<.02	5.3	.02
99R11271	4.40	31.30	18.87	52.6	155	8.3	9.7	436	2.34	47.3	11.2	264.9	44.0	61.0	.18	2.81	.33	54	1.15	.098	36.0	33.2	.60	221.2	.233	2	.96	.117	.69	9.1	.66	70	.2	.04	4.7	.02
99R11272	4.61	27.97	21.13	55.6	149	10.3	10.1	427	2.47	24.0	7.1	144.4	42.9	51.7	.21	4.14	.29	58	.92	.104	41.5	36.3	.62	209.1	.249	2	1.00	.117	.65	6.3	.68	36	.2	.02	5.1	<.01
99R11273	4.66	32.49	23.62	57.6	155	8.4	9.6	395	2.43	23.1	9.3	36.5	46.3	56.6	.20	4.56	.14	59	.85	.108	38.0	37.2	.63	246.0	.279	4	1.10	.139	.75	8.0	.79	33	.1	.02	5.3	<.01
99R11274	8.44	44.18	22.25	64.9	195	9.9	9.4	329	2.32	22.1	15.1	83.8	45.2	46.3	.23	4.81	.07	51	.72	.098	35.9	37.1	.56	199.3	.224	3	1.08	.112	.60	6.5	.68	21	.2	.02	5.0	.04
99R11275	4.40	25.39	18.71	49.3	169	7.8	8.5	407	2.10	18.9	7.3	150.0	45.7	57.9	.21	2.07	.35	51	.99	.102	38.9	35.8	.53	184.3	.213	5	.94	.121	.59	10.2	.65	45	<.1	<.02	4.7	<.01
99R11276	7.19	40.32	17.09	53.8	125	8.6	7.8	388	2.22	30.4	11.7	101.7	61.3	51.4	.17	3.83	.18	48	.77	.085	45.5	31.9	.52	177.8	.217	4	1.06	.143	.62	8.0	.66	13	.1	<.02	5.0	.06
99R11277	5.10	35.68	23.66	62.4	154	6.9	8.2	383	2.61	24.5	12.6	10.3	55.1	49.3	.19	6.60	.07	57	.74	.085	41.7	32.2	.53	203.4	.227	4	1.13	.129	.65	6.7	.67	30	<.1	.02	5.0	.02
99R11278	5.89	42.84	22.69	52.9	150	9.2	7.7	419	2.27	28.6	9.6	66.2	53.8	54.0	.28	3.17	.13	48	.91	.085	41.7	30.5	.56	195.4	.215	4	1.09	.145	.65	8.2	.61	22	.2	.02	4.8	.04
RE 99R11278	6.07	43.32	24.35	54.0	154	9.3	7.7	423	2.30	28.4	9.5	57.0	53.6	53.1	.35	3.22	.13	49	.93	.086	43.1	29.8	.56	196.1	.215	4	1.08	.144	.58	8.3	.64	18	.1	.02	4.8	.01
99R11279	12.10	37.88	24.02	56.6	175	6.7	7.9	388	2.32	29.7	10.5	194.6	49.2	47.5	.25	3.63	.25	50	.86	.087	41.4	28.6	.51	176.6	.207	4	1.06	.129	.57	8.1	.60	8	.1	.02	4.7	.01
99R11280	4.73	73.40	34.49	57.1	239	9.8	7.8	538	2.64	21.9	10.2	18.7	46.9	59.3	.39	4.49	.20	50	1.50	.081	37.0	34.8	.77	140.6	.148	3	1.37	.079	.42	6.9	.51	18	.1	<.02	6.1	.06
99R11281	3.75	70.42	37.69	63.7	269	6.4	7.7	512	2.32	19.1	9.5	27.6	42.4	65.1	.47	7.03	.14	41	1.39	.084	35.5	24.0	.56	143.2	.160	4	.92	.087	.49	7.2	.54	22	.3	.02	4.3	.02
99R11282	4.53	102.87	46.27	61.7	361	8.8	8.5	383	2.22	26.3	11.1	34.7	50.1	55.5	.63	5.75	.23	45	.90	.086	35.8	33.2	.65	176.9	.210	4	1.13	.145	.57	7.9	.62	<5	.4	.03	5.3	.04
99R11283	4.20	40.84	33.37	55.9	199	7.1	8.1	412	2.20	18.1	10.7	55.6	46.0	56.1	.37	1.73	.14	49	.99	.091	32.2	31.6	.68	188.7	.227	5	1.18	.172	.62	9.2	.63	13	.2	.02	5.2	.05
99R11284	4.93	50.70	33.58	56.5	201	9.4	8.3	389	2.30	58.8	13.0	52.9	44.2	54.7	.50	1.64	.16	50	.90	.090	33.6	35.1	.75	189.0	.215	5	1.19	.167	.59	9.6	.62	<5	<.1	.02	5.3	.04
99R11285	3.13	16.96	139.82	47.2	171	5.3	6.9	1026	3.27	16.7	7.5	33.3	25.5	167.5	.41	76.88	.17	25	5.25	.055	33.1	18.5	2.17	76.5	.002	1	.48	.010	.06	3.6	.15	1330	<.1	.03	1.5	.08
STANDARD DS2	13.08	124.35	29.81	159.5	236	35.7	12.6	787	3.07	61.4	20.2	190.4	3.5	29.1	11.04	10.51	10.31	78	.54	.080	15.8	152.5	.57	133.6	.113	2	1.67	.036	.15	7.5	2.02	231	2.3	1.86	5.8	<.01

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: ROCK Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 3 1999 DATE REPORT MAILED: Aug 11/99 SIGNED BY. . . . . D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data___ FA ___

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 1/#33 File # 9902641

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99X11258	4.23	76.04	54.86	85.0	312	14.2	18.0	707	5.11	1622.0	37.3	8.8	82.2	50.5	.37	12.55	4.76	59	.67	.160	84.9	26.4	.51	180.7	.059	1	1.85	.008	.32	.4	.50	662	.5	.75	6.6	<.01
99X11259	2.14	21.16	25.62	103.4	55	5.1	9.6	222	1.95	1388.5	13.1	16.2	36.8	27.4	2.83	14.94	.55	12	.50	.110	70.4	5.8	.14	137.7	<.001	1	.52	.001	.08	<.2	.16	86	<.1	.21	1.5	<.01
99X11260	1.98	22.74	24.65	46.9	68	5.6	3.1	110	2.43	535.6	13.4	12.0	33.6	32.5	.14	10.57	.33	26	.38	.095	34.2	8.6	.25	122.7	.018	<1	1.08	.006	.17	.3	.37	258	.1	.12	3.7	.08
99X11261	2.84	20.31	34.08	80.1	95	15.4	22.5	817	3.12	453.5	13.7	16.2	33.3	46.8	.59	13.43	.28	36	.69	.133	54.0	15.2	.19	80.6	.005	1	1.06	.004	.09	.8	.26	921	<.1	.08	3.2	.01
99X11262	1.03	47.57	38.63	69.9	218	13.5	17.5	562	4.24	2178.0	8.0	65.7	28.8	47.4	.34	17.41	3.88	56	.54	.111	45.0	24.4	.37	192.3	.022	2	1.82	.008	.09	.4	.45	783	.3	1.02	6.0	<.01
99X11263	1.47	31.56	30.90	41.7	129	8.0	13.9	516	2.46	763.4	4.9	25.2	28.2	44.3	.21	34.62	1.09	31	.46	.057	35.3	13.6	.40	97.6	.009	2	1.58	.007	.06	<.2	.42	111	.3	.37	5.3	.01
99X11264	1.08	39.33	912.15	328.4	3853	5.4	18.2	208	1.62	1111.1	6.7	53.9	29.6	18.1	3.83	30.28	2.81	12	.48	.110	40.7	4.2	.13	71.2	.001	1	.67	.003	.07	.6	.22	575	.1	.46	1.8	.01
99X11265	1.22	122.73	41.10	207.2	181	6.8	4.2	58	1.90	1489.4	13.2	20.4	38.9	42.2	1.89	15.70	1.45	20	.51	.098	64.3	6.2	.32	217.3	.004	<1	1.43	.004	.06	<.2	.32	21	.1	.42	4.7	<.01
RE 99X11265	1.24	127.49	42.43	212.3	179	6.7	3.9	58	1.97	1480.1	12.7	18.0	36.9	40.1	1.88	16.39	1.37	20	.53	.106	67.7	9.7	.34	211.5	.004	<1	1.50	.004	.06	<.2	.32	21	.1	.42	4.9	<.01
99X11266	2.18	45.10	50.48	85.0	245	7.7	11.0	723	3.00	422.7	11.3	9.4	29.3	48.4	.50	25.76	.75	31	.51	.117	46.0	12.0	.22	92.1	.006	1	1.14	.005	.10	.3	.34	847	.1	.12	3.7	.03
STANDARD DS2	14.84	133.62	32.16	173.5	260	39.0	13.4	848	3.31	60.9	22.4	201.4	3.8	32.4	11.50	10.41	11.22	85	.57	.085	14.1	178.5	.63	148.2	.119	2	1.86	.041	.17	7.4	1.94	248	2.6	1.96	6.5	.01

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: SOIL Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 3 1999 **DATE REPORT MAILED:** Aug 11/99 **SIGNED BY.** C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data___ FA___

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 1/#34 File # 9902693

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99R11268	4.91	42.55	30.43	89.5	322	13.5	14.9	861	2.90	93.6	10.4	203.3	39.4	44.8	.43	28.59	.63	50	.97	.104	44.9	31.4	.38	123.6	.074	2	1.18	.039	.28	2.3	.66	978	.1	<.02	4.1	.03
99R11286	14.01	15.36	18.23	53.3	130	8.3	7.7	339	2.12	76.5	15.5	45.7	40.8	44.8	.10	2.50	.25	55	.55	.100	34.6	35.4	.75	253.6	.267	4	1.16	.149	.73	8.4	.54	8	.1	<.02	5.4	.01
99R11287	6.69	16.27	15.44	38.3	89	8.3	5.6	300	1.76	42.2	11.0	11.6	37.2	40.9	.03	2.92	.19	42	.59	.096	29.8	32.9	.59	203.1	.189	7	.98	.145	.52	13.9	.47	<5	<.1	<.02	4.4	.01
99R11288	5.60	24.55	27.38	46.8	144	5.4	6.4	356	1.90	15.9	12.4	5.9	43.6	40.0	.22	2.64	.25	38	.79	.082	40.8	29.9	.52	173.0	.153	2	1.05	.117	.40	11.3	.41	<5	.1	<.02	4.3	.01
99R11289	7.66	23.76	25.90	44.5	113	8.1	6.1	349	1.87	54.6	10.2	21.7	43.7	40.3	.22	2.82	.25	39	.84	.084	39.5	31.1	.62	196.4	.171	2	1.24	.142	.38	8.9	.40	<5	<.1	.02	4.3	.02
99R11290	6.23	50.10	31.57	39.1	197	5.7	6.8	619	2.41	126.1	14.1	214.8	40.2	66.0	.32	6.94	.83	30	2.17	.076	40.8	23.2	.74	117.9	.089	2	.82	.072	.28	7.1	.33	193	.1	.03	3.2	.11
99R11291	5.70	31.67	29.82	54.1	136	8.0	6.1	392	2.00	16.8	7.1	17.4	44.7	50.7	.27	1.53	.27	42	.89	.086	42.0	32.4	.49	193.2	.171	2	1.03	.162	.45	11.7	.46	<5	<.1	<.02	3.9	<.01
99R11292	10.44	22.59	34.59	63.2	219	7.0	7.8	460	2.43	33.2	10.2	26.5	47.2	60.2	.47	3.00	.39	49	1.12	.084	45.3	41.8	.77	198.9	.185	3	1.42	.118	.50	7.9	.55	16	<.1	<.02	5.9	.04
99R11293	9.02	41.99	24.42	41.8	141	8.0	7.0	784	2.09	59.5	9.9	37.5	39.1	68.9	.24	2.75	.33	39	2.33	.078	37.9	29.0	1.04	169.4	.149	1	1.02	.117	.38	7.7	.40	10	.1	<.02	4.2	.04
99R11294	5.45	31.74	26.83	41.5	146	6.4	7.2	356	1.92	544.4	9.3	88.9	46.9	45.7	.18	4.13	1.22	39	1.05	.082	41.0	30.3	.50	190.9	.140	2	1.18	.131	.37	8.4	.42	10	.1	.03	4.5	.04
99R11295	6.80	44.96	35.93	74.1	205	7.6	5.7	402	1.97	120.6	8.9	21.3	48.4	52.7	.65	6.81	.41	35	.99	.083	41.9	29.2	.50	172.5	.139	3	.99	.124	.37	8.4	.43	67	<.1	<.02	3.9	.03
99R11296	5.86	106.60	431.66	2320.6	738	6.0	7.9	1034	2.71	698.4	11.9	112.6	46.7	91.2	20.05	328.97	1.44	38	2.10	.079	41.7	28.7	.61	154.0	.130	3	.91	.099	.37	9.9	.48	564	.3	.05	3.7	.19
RE 99R11296	5.46	103.73	423.28	2259.8	702	6.0	7.9	1013	2.65	685.4	10.5	92.7	41.9	82.2	19.40	324.51	1.36	37	2.04	.078	38.8	29.7	.57	146.7	.123	2	.86	.095	.37	8.9	.49	517	.3	.05	3.7	.20
99R11297	5.71	33.72	63.05	136.2	464	8.9	7.8	763	2.90	1737.8	13.6	59.7	46.1	59.5	1.06	32.35	3.20	32	2.02	.083	44.9	25.7	.52	133.5	.061	5	.96	.045	.28	6.0	.54	573	.3	.05	2.7	.22
99R11298	7.69	56.09	48.78	84.1	788	5.1	6.3	771	3.23	3814.6	10.4	78.1	29.9	121.0	.66	50.89	6.59	14	3.38	.056	25.4	13.0	1.48	56.6	.003	3	.70	.005	.12	4.4	.32	284	.6	.06	1.4	.38
99R11299	5.52	47.90	44.28	66.8	208	10.5	9.8	656	3.13	46.0	14.4	1420.4	46.7	89.5	.42	4.18	1.25	52	1.79	.083	44.7	35.2	.81	198.6	.152	4	1.31	.068	.53	5.1	.48	567	<.1	.03	5.4	.02
99R11300	4.48	57.72	27.72	57.7	201	7.1	8.4	423	2.30	44.3	10.7	405.3	48.9	57.7	.32	2.28	.54	54	1.13	.090	42.1	36.2	.54	238.1	.215	3	1.18	.167	.56	9.4	.54	88	<.1	.02	4.6	.02
99R11301	5.74	501.96	77.11	84.4	8827	11.7	17.5	710	5.93	8202.5	14.9	111.0	46.2	63.0	.54	153.91	6.03	45	1.55	.078	44.2	35.7	.47	164.7	.119	4	1.15	.067	.37	7.8	1.10	775	1.6	.22	3.8	1.69
99R12217	3.27	13.81	32.89	31.4	193	5.3	8.2	222	1.08	752.0	11.1	8.4	38.0	50.7	.32	7.07	.46	29	1.81	.118	26.1	22.3	.42	68.7	.087	3	.74	.134	.12	5.0	.10	12	.1	.04	2.8	.03
STANDARD DS2	14.23	133.79	29.14	169.9	237	37.7	13.0	841	3.31	68.1	22.8	204.2	3.5	33.3	12.51	9.64	10.78	83	.58	.086	14.4	180.6	.63	150.3	.118	2	1.89	.041	.16	7.5	1.88	228	2.2	1.86	5.7	.01

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: ROCK Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 5 1999 DATE REPORT MAILED: Aug 11/99 SIGNED BY. C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data FA

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 3.4/#35 File # 9902694

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99R02049	1.45	31.71	2.94	2.1	91	19.3	5.6	1945	2.74	3.3	.3	3.6	1.4	32.1	.01	1.20	.10	32	1.39	.024	1.6	16.4	.09	542.1	.003	12	.49	.013	.25	1.5	.05	103	.2	.03	1.8	.07
99R02050	4.24	14.33	11.40	20.3	292	48.1	13.9	5762	6.47	10.7	.8	11.8	.7	114.2	.11	3.37	.03	31	4.60	.120	4.4	45.8	.43	1183.8	.003	5	.22	.005	.08	7.9	.11	196	1.3	.02	.8	.20
99R02051	5.29	77.60	4.18	89.0	309	23.0	2.3	208	1.14	3.3	3.6	5.0	1.2	73.6	.20	1.15	.08	74	1.21	.547	5.6	43.8	.07	400.4	.003	19	.61	.009	.29	10.7	.06	430	3.2	.07	2.3	.10
99R02052	3.31	19.08	5.21	11.6	70	8.6	1.0	53	.67	1.9	<.1	17.3	.5	7.0	<.01	.80	.10	10	.01	.008	.7	30.2	.02	192.7	.001	8	.30	.006	.17	8.1	.03	140	1.1	.08	1.5	.07
99R02053	2.47	180.74	5.73	81.1	283	23.3	3.2	133	.92	2.1	1.3	7.6	1.3	58.8	.20	.97	.14	44	.53	.234	3.4	31.1	.07	506.9	.002	18	.75	.006	.35	2.9	.05	333	3.0	.07	2.7	.03
RE 99R02053	2.35	184.40	5.36	81.8	302	23.4	2.9	130	.93	2.2	1.2	6.1	1.3	55.5	.16	.94	.14	43	.54	.237	3.3	33.0	.07	499.1	.002	15	.72	.006	.35	2.7	.04	313	3.0	.07	2.7	.06

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: ROCK Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 5 1999 DATE REPORT MAILED: Aug 12/99 SIGNED BY. C. Leong .D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data d FA ____

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 3.4/#35 File # 9902695

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99X02054	17.59	210.03	19.22	206.9	607	38.0	8.6	153	5.11	21.7	4.2	31.9	6.1	113.0	.61	6.62	.22	60	.17	.227	11.8	10.7	.07	584.8	.003	5	.82	.011	.53	<.2	.59	1990	9.4	.09	2.7	.64

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: SOIL

DATE RECEIVED: AUG 5 1999 DATE REPORT MAILED: Aug 12/99 SIGNED BY: C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data A FA

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.)
852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 5/#37 File # 9902699

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
6400E 3650N	8.92	54.05	9.90	176.9	828	45.3	8.0	271	2.32	7.4	1.2	10.5	2.6	44.2	.97	2.35	.18	79	1.60	.134	22.2	18.7	.47	904.3	.008	7	1.44	.009	.16	<.2	.32	452	2.0	.06	4.3	.06
6400E 3625N	11.41	84.46	24.68	211.1	2445	77.6	5.6	674	2.52	20.6	5.4	16.0	1.5	210.9	1.56	4.87	.35	200	.44	.242	9.0	24.3	.11	1240.7	.004	5	.91	.019	.23	<.2	.36	1844	6.6	.33	2.9	.38
6400E 3600N	3.65	32.14	14.59	73.0	505	27.4	10.1	395	2.62	15.5	1.4	8.1	1.6	53.8	.45	2.13	.27	102	.18	.097	11.4	34.9	.39	708.9	.036	2	1.81	.009	.07	<.2	.16	375	1.6	.11	5.8	.02
6400E 3550N	1.78	39.76	13.27	94.6	153	32.1	9.3	273	2.90	10.7	.5	7.7	3.3	16.1	.73	1.25	.22	68	.13	.032	10.8	29.2	.35	351.8	.028	2	1.44	.007	.07	.2	.12	35	.9	.06	4.8	<.01
6400E 3525N	2.27	41.70	10.72	87.3	357	31.2	11.4	302	2.57	10.7	.6	20.3	5.0	24.7	.25	1.31	.20	73	.36	.024	22.6	31.1	.54	601.5	.042	3	1.67	.013	.10	<.2	.16	289	7	.05	5.6	.02
6400E 3500N	2.76	39.46	9.68	91.0	609	31.9	8.3	203	2.39	7.0	.8	21.6	5.7	24.1	.69	1.07	.17	67	.38	.045	26.0	26.1	.46	718.8	.009	6	1.73	.005	.17	<.2	.26	371	.8	.04	5.4	.03
6400E 3475N	2.02	24.20	10.27	74.5	223	21.4	9.6	449	2.37	7.5	.7	3.0	3.0	16.3	.36	.77	.21	79	.23	.020	11.2	26.0	.41	544.1	.037	2	1.81	.009	.07	<.2	.16	49	.8	.04	6.6	.01
6400E 3450N	3.72	59.82	13.98	118.7	115	27.0	17.7	328	3.10	9.9	1.1	6.2	5.5	16.6	.87	2.44	.19	93	.18	.061	17.9	27.8	.81	595.5	.016	6	1.67	.007	.21	<.2	.19	65	1.3	.05	6.2	.01
6400E 3375N	4.06	30.46	10.78	103.0	214	32.2	11.8	230	2.92	10.6	.8	2.4	3.2	17.2	.37	1.37	.21	80	.17	.035	12.2	34.6	.57	258.7	.054	3	1.74	.009	.11	<.2	.14	34	.9	.04	6.2	<.01
6400E 3350N	3.53	36.30	10.09	101.6	204	35.8	11.3	232	3.08	11.2	.8	3.8	3.5	18.9	.30	1.26	.31	72	.18	.026	12.1	26.8	.59	330.8	.040	3	1.83	.009	.12	.2	.14	37	1.0	.04	5.7	.02
6400E 3325N	10.24	38.92	23.70	100.1	373	30.5	9.7	322	3.32	20.9	2.0	6.2	3.8	53.8	.46	2.47	.35	73	.28	.056	18.5	22.3	.32	750.1	.020	3	1.22	.013	.25	<.2	.18	150	2.1	.19	5.1	.31
6400E 3150N	5.01	87.73	38.89	167.4	780	66.3	10.7	600	4.06	15.9	5.9	19.9	3.3	57.3	1.03	4.87	.56	141	1.03	.107	48.2	41.4	.35	358.6	.017	2	1.50	.010	.09	<.2	.19	254	4.1	.11	5.4	.05
6400E 3125N	2.87	41.10	32.95	124.1	157	50.7	16.8	333	4.10	16.1	3.3	14.4	9.2	84.5	.42	3.68	.63	94	.16	.049	22.7	58.4	.62	272.1	.059	2	2.52	.010	.09	.6	.26	68	2.9	.16	7.1	.02
6400E 3100N	6.21	56.79	55.99	231.3	940	72.9	24.6	1171	5.86	12.9	4.8	17.0	10.6	34.8	.97	5.66	.60	103	.29	.077	21.2	47.0	.63	471.5	.031	2	2.31	.010	.09	.5	.23	123	7.5	.19	7.8	.02
6400E 3075N	2.46	100.77	40.95	163.5	377	104.9	18.8	442	4.62	41.0	1.6	9.3	1.5	13.9	.30	12.28	2.44	90	.04	.068	12.2	27.9	.10	144.3	.036	1	1.12	.005	.05	<.2	.38	61	5.0	.36	6.5	.05
6400E 3050N	2.21	43.63	18.23	68.7	157	22.1	8.3	366	4.05	14.9	.9	6.5	3.8	11.7	.14	5.18	1.01	82	.03	.064	12.6	29.1	.28	210.9	.039	1	1.39	.008	.12	.4	.30	56	2.9	.15	6.7	.08
6400E 3025N	2.48	47.33	13.84	64.6	125	33.6	8.7	325	3.91	23.7	.9	10.7	4.3	11.5	.15	14.92	.47	87	.05	.055	12.7	31.9	.32	208.1	.058	2	1.58	.006	.09	.2	.34	58	1.5	.12	7.4	.05
6400E 3000N	2.67	30.51	17.25	62.5	138	28.0	9.7	484	4.20	42.2	.7	7.7	3.1	12.8	.15	19.55	.49	91	.07	.054	9.9	34.1	.38	144.4	.054	1	1.72	.007	.06	.3	.41	85	1.7	.09	7.9	.04
RE 6800E 3650N	3.90	49.05	12.75	121.7	473	33.5	10.2	634	2.17	7.8	2.0	12.2	3.1	56.9	.57	1.50	.22	59	1.03	.107	12.5	22.1	.43	760.6	.015	4	1.35	.009	.11	<.2	.25	413	1.8	.10	3.9	.05
6800E 3650N	3.80	47.94	12.40	119.4	462	32.3	10.2	621	2.12	7.7	1.9	11.6	2.9	50.6	.54	1.47	.20	60	1.01	.105	12.4	21.4	.40	712.1	.017	5	1.27	.009	.11	<.2	.26	376	1.7	.08	4.0	.05
6800E 3600N	7.84	63.03	32.87	167.1	480	39.2	17.2	896	3.43	22.2	3.0	8.7	3.2	144.8	.88	2.25	.40	61	.39	.122	15.0	22.3	.20	1039.1	.012	3	1.09	.018	.24	<.2	.24	378	2.0	.31	4.1	.30
6800E 3525N	1.67	68.11	19.42	100.0	146	33.1	17.7	1080	3.45	10.2	.9	9.6	.7	12.7	.24	1.07	.40	67	.08	.069	11.3	32.3	.28	248.9	.027	2	1.43	.006	.09	<.2	.15	94	.8	.12	6.4	.03
6800E 3500N	1.68	47.42	15.29	83.6	58	28.2	12.9	461	3.22	11.3	.7	10.0	1.3	13.5	.25	1.21	.29	65	.11	.049	11.1	31.6	.41	166.9	.041	2	1.62	.008	.08	<.2	.15	66	1.0	.09	6.1	.02
6900E 3700N	6.19	128.22	11.08	311.8	1517	60.2	8.9	174	2.62	43.4	1.5	30.4	3.3	47.6	1.63	3.44	.51	82	.55	.167	16.5	21.5	.55	770.4	.010	6	1.28	.007	.22	<.2	.37	684	2.2	.10	4.0	.03
6900E 3675N	6.11	85.07	12.72	244.6	1140	57.3	10.8	536	3.03	36.4	1.4	14.9	2.2	46.7	1.92	3.20	.23	76	.90	.172	14.3	18.6	.43	1341.1	.007	4	1.35	.006	.15	<.2	.29	474	1.6	.08	3.7	.04
6900E 3650N	5.34	71.19	13.72	213.3	332	37.5	15.3	803	3.19	38.6	1.5	10.9	.6	25.4	.73	2.65	.24	107	.23	.222	9.3	23.0	.46	313.6	.013	5	1.36	.006	.22	<.2	.32	155	1.4	.07	4.9	.03
6900E 3600N	5.15	62.92	20.09	150.7	337	35.3	13.4	816	2.93	18.2	3.7	9.3	9	83.2	1.68	2.06	.29	79	.45	.108	14.5	24.2	.31	1071.1	.017	2	1.57	.009	.13	<.2	.19	470	1.5	.14	4.9	.16
6900E 3525N	3.29	57.31	10.95	153.0	525	43.7	9.1	374	2.81	14.2	1.2	15.3	4.7	50.2	.70	2.13	.23	68	.45	.092	15.1	27.5	.53	497.4	.052	3	1.27	.016	.12	<.2	.22	318	1.1	.06	3.8	.04
6900E 3500N	2.51	74.44	12.72	163.3	378	48.4	13.7	571	2.91	8.2	1.1	14.7	3.1	36.2	.46	1.42	.28	47	.48	.080	15.0	23.0	.38	424.3	.022	2	1.16	.008	.11	<.2	.17	189	.9	.09	4.0	.04
6900E 3475N	1.66	63.60	7.82	96.7	732	25.9	6.5	278	1.52	3.3	1.8	24.7	1.8	50.9	.71	.84	.17	36	1.47	.081	20.9	18.3	.35	493.9	.016	3	.97	.008	.09	<.2	.16	366	1.2	.05	2.9	.08
7000E 3700N	1.95	29.68	13.04	105.0	171	24.1	14.1	739	3.58	8.8	.4	1.9	2.7	11.1	.37	1.09	.39	106	.09	.040	7.8	36.9	.26	504.8	.035	1	2.05	.005	.06	<.2	.12	35	.6	.10	10.9	.02
7000E 3625N	3.07	45.20	12.83	143.9	514	31.4	11.8	562	2.69	18.0	1.0	12.6	1.0	24.6	.55	1.30	.29	75	.37	.092	13.3	29.3	.72	601.1	.026	3	1.72	.008	.12	<.2	.18	150	1.0	.05	5.3	.04
STANDARD 052	13.44	133.48	31.60	167.8	252	38.0	12.9	834	3.26	66.3	21.7	198.2	3.5	30.1	11.43	10.18	10.96	84	.57	.084	15.9	176.2	.62	148.6	.120	2	1.84	.041	.17	7.6	1.89	255	2.7	1.97	6.2	.02

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: SOIL Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 5 1999 **DATE REPORT MAILED:** Aug 12/99 **SIGNED BY.** J. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only. Data FA

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.)
852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 5/#37 File # 9902700

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99R10238	5.70	43.17	10.46	50.3	104	44.2	9.3	164	2.59	15.6	3.0	5.2	7.0	60.3	.29	1.76	.63	80	.96	.026	14.5	72.7	1.84	443.0	.239	5	3.20	.280	.99	2.5	.59	12	1.7	.07	10.4	.34
99R10239	2.35	7.44	18.79	96.5	94	9.0	9.0	492	2.87	65.2	2.5	4.4	16.2	180.2	.25	.75	.08	99	1.46	.086	30.0	47.1	1.08	951.7	.364	5	2.78	.256	.55	6.6	.35	5	.2	.02	9.6	.03
99R10240	10.12	34.49	46.05	162.0	330	33.2	10.7	398	3.12	683.2	8.3	9.3	12.4	73.3	1.51	1.80	12.69	258	.74	.103	26.1	50.0	1.39	675.2	.196	2	2.40	.108	.52	4.3	.82	18	4.0	1.16	9.0	.12
99R10241	2.57	16.93	31.41	92.9	202	9.7	5.9	407	2.69	31.7	3.7	3.9	16.0	102.6	.58	1.05	1.53	72	1.22	.130	28.4	43.7	1.06	552.3	.194	2	2.08	.162	.45	5.4	.31	19	1.2	.07	7.6	.06
99R10242	13.28	48.09	16.24	143.3	981	36.5	6.2	615	3.01	41.3	9.1	136.8	15.7	41.6	13.63	2.10	1.32	265	.96	.095	29.9	47.0	1.19	686.4	.239	2	2.06	.083	.55	3.9	.54	36	4.3	.10	8.5	12
99R10243	2.66	32.36	63.97	114.0	501	8.5	7.4	111	3.28	67.8	4.4	4.3	17.1	99.5	.84	1.19	1.88	72	.62	.092	27.7	49.4	1.06	650.5	.274	2	1.90	.156	.58	5.5	.46	14	3.3	.19	7.1	.11
99R10244	3.70	30.24	3.96	29.0	63	13.5	2.8	124	1.36	2.4	.4	3.1	1.1	9.4	.06	.64	.19	20	.02	.009	6.5	35.8	.25	253.8	.004	3	.52	.006	.11	14.3	.04	6	1.1	.07	2.1	.04
99R10245	28.86	138.39	15.04	158.3	867	172.8	5.1	278	1.62	35.9	25.4	11.1	2.9	227.2	1.87	2.71	.83	1333	2.40	.782	15.9	202.0	.72	677.0	.119	4	1.63	.072	.34	7.6	.47	7	3.2	.07	7.6	.19
RE 99R10245	29.77	135.73	13.96	157.2	791	169.6	5.2	272	1.59	31.4	23.7	10.4	2.6	210.9	1.71	2.57	.74	1317	2.37	.768	15.3	186.1	.66	625.4	.110	4	1.50	.066	.27	7.1	.45	7	3.0	.06	6.9	.15
STANDARD DS2	14.23	133.79	29.14	169.9	237	37.7	13.0	841	3.31	68.1	22.8	204.2	3.5	33.3	12.51	9.64	10.78	83	.58	.086	14.4	180.6	.63	150.3	.118	2	1.89	.041	.16	7.5	1.88	228	2.2	1.86	5.7	.01

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: ROCK Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 5 1999 DATE REPORT MAILED: Aug 11/99 SIGNED BY ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data ___ FA ___

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 1/#38 File # 9902978 Page 1

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99R10329	3.86	11.51	23.32	35.2	323	6.1	8.2	525	2.71	757.6	8.0	2.3	32.2	503.5	.28	5.75	.73	43	6.48	.082	37.2	21.4	2.70	74.0	.002	2	.58	.008	.04	1.1	.03	134	<.1	.20	1.2	.09
99R11311	2.10	9.98	80.08	188.2	376	8.4	7.7	722	3.28	16.5	1.8	3.0	8.8	47.0	1.09	6.26	.64	33	2.05	.089	15.4	17.0	.11	173.0	.002	2	.68	.005	.13	1.5	.31	1635	<.1	<.02	1.7	.64
99R11320	1.27	29.50	93.81	441.0	439	6.4	8.3	1186	3.40	1317.4	9.6	38.2	34.9	212.0	4.82	78.68	2.57	20	4.15	.066	32.3	16.2	1.43	73.9	.015	2	48	.010	.15	2.5	.43	519	.1	.05	1.2	.27
99R11321	5.76	32.70	21.75	50.3	185	7.9	7.1	327	1.81	257.1	12.2	194.7	50.2	55.9	.24	2.76	1.43	40	1.08	.093	46.1	28.8	.44	153.8	.163	4	.80	.097	.45	7.0	.59	61	.1	.05	3.5	.06
99R11322	1.74	34.22	19.51	72.9	171	7.4	11.0	962	3.36	681.0	15.7	271.8	43.9	123.4	.22	8.85	1.00	39	3.38	.078	52.2	21.9	1.01	90.9	.043	2	.74	.013	.20	1.5	.33	870	<.1	.06	2.4	12
99R11323	1.75	38.96	33.58	77.2	299	9.2	11.1	1038	3.34	130.5	12.7	151.8	49.0	34.4	.31	5.53	.58	41	1.08	.098	70.3	21.8	.43	52.1	.009	1	.33	.007	.05	.9	.22	805	<.1	.02	1.5	.06
99R11324A	1.25	36.64	30.87	67.6	217	7.8	8.2	1025	3.56	89.5	12.1	150.1	39.1	135.1	.27	8.40	.93	31	3.79	.072	37.3	21.6	1.40	81.0	.046	2	.76	.017	.23	2.2	.99	433	<.1	.03	2.4	.19
99R11324B	1.42	55.02	322.88	189.2	1223	9.7	15.0	280	5.16	1464.8	11.1	64.7	36.4	55.3	.31	87.65	1.31	57	.23	.123	48.1	23.1	.11	238.4	.009	1	.79	.015	.25	.6	1.25	6336	.2	.16	2.8	36
99R11325	3.87	69.98	39.40	148.3	290	16.3	21.1	1065	4.36	259.1	12.3	36.3	32.6	26.5	.72	13.06	.40	68	.52	.166	51.1	25.4	.18	106.4	.026	<1	1.03	.011	.11	<.2	34	551	<.1	.04	2.9	<.01
99R11326	5.85	53.30	51.24	205.1	462	22.1	23.1	4309	8.55	407.0	8.8	35.6	26.0	12.8	1.29	14.68	.15	74	.27	.137	54.9	28.9	.07	196.3	.009	1	.88	.005	.11	1.2	.60	1625	<.1	.03	1.5	<.01
99R11327	3.79	68.88	1051.76	156.9	5886	8.5	11.7	694	4.69	2029.8	11.7	57.4	33.3	28.8	.79	211.05	.92	67	.42	.147	61.8	27.7	.18	316.8	.024	1	.95	.014	.14	<.2	.39	1342	.4	.17	2.7	.02
99R11328	3.54	63.03	68.72	115.8	727	10.8	16.1	965	4.55	500.1	13.9	54.4	34.0	27.1	.43	41.37	.24	70	.43	.150	50.8	27.2	.20	127.7	.033	<1	1.02	.012	.16	<.2	.46	1257	<.1	.05	3.0	<.01
99R11329	1.95	41.24	23.34	67.2	118	11.8	12.6	516	3.16	66.3	7.5	2.2	31.2	89.2	.17	2.32	.09	83	.83	.143	34.6	32.8	.79	284.5	.305	3	1.65	.142	.85	2.5	.67	51	<.1	.04	6.9	.01
99R11330	2.51	52.48	21.88	37.9	396	8.0	8.8	244	1.69	1637.8	5.7	33.2	26.4	87.3	.20	6.30	.54	49	1.36	.125	24.6	30.0	.61	158.6	.117	3	1.06	.112	.27	2.1	.21	27	.2	.17	4.3	.07
99R11332	21.45	123.69	9.73	36.2	259	192.5	15.8	218	2.30	789.1	5.0	160.9	6.1	45.2	.27	6.38	.73	522	1.16	.172	19.5	138.8	1.02	339.5	.101	3	2.18	.105	.38	2.9	.42	12	2.6	.09	9.0	.04
99R11333	2.21	8.55	72.11	169.2	231	5.5	3.9	1757	3.71	1579.9	3.4	13.2	10.9	347.2	1.89	44.75	1.39	3	9.08	.022	9.8	11.9	3.75	48.2	.001	2	.25	.005	.10	2.1	.25	326	.5	.07	.6	.19
99R11334	3.32	20.71	33.07	48.8	157	6.4	8.7	765	3.06	78.5	10.4	158.7	27.2	154.8	.14	6.82	.83	32	3.67	.038	34.0	22.5	1.47	54.9	.002	1	.46	.004	.01	.9	.25	818	<.1	.06	1.0	.40
99R11335	5.03	42.85	38.56	69.1	212	10.2	10.7	722	3.16	40.3	12.6	1321.7	46.9	99.2	.37	3.16	.79	49	2.08	.084	49.0	31.9	.89	172.3	.146	2	1.01	.038	.46	.8	.46	715	<.1	.04	4.6	.02
99R11336	3.73	33.88	31.71	63.7	148	7.0	8.8	567	2.61	9.9	8.2	315.7	45.6	71.9	.30	1.01	.20	50	1.30	.089	39.1	29.1	.77	210.1	.217	2	.95	.093	.62	3.3	.58	47	<.1	.03	4.3	.02
99R11337	4.61	47.65	42.67	81.6	376	10.2	10.4	1009	3.47	74.5	9.5	32.6	38.6	126.0	.31	41.28	.09	36	3.88	.079	44.7	25.2	.96	113.5	.045	3	.81	.016	.22	.5	.60	670	<.1	.03	2.2	.44
99R11338	3.93	43.61	20.52	52.6	159	7.2	7.9	461	2.38	366.9	10.4	10.2	47.2	65.8	.19	4.40	.14	49	1.36	.092	37.6	31.3	.48	182.6	.172	2	.87	.081	.50	3.8	.49	96	<.1	.03	4.0	.05
99R11339	3.78	24.56	53.12	77.9	291	8.9	10.6	1096	4.36	4853.5	8.9	29.1	37.6	109.5	.34	48.74	3.33	39	3.21	.077	42.0	23.6	.85	76.3	.004	2	.51	.010	.08	<.2	.14	723	.4	.20	1.0	.27
99R11340	2.96	46.45	50.84	108.5	329	9.7	10.8	1257	4.37	168.1	10.6	8.6	25.8	143.6	.51	57.95	4.71	31	2.90	.099	34.0	18.2	.69	102.5	.023	2	.78	.015	.17	<.2	.65	1436	.1	.04	1.9	.37
RE 99R11340	2.99	46.46	52.78	109.4	355	9.4	10.6	1255	4.38	172.0	10.6	7.1	26.6	142.1	.52	58.73	4.94	31	2.90	.101	34.1	17.9	.71	107.5	.025	2	.83	.017	.16	<.2	.66	1456	.1	.05	2.0	.39
99R11341	4.19	160.01	84.36	169.7	184	12.1	15.7	1571	4.01	178.1	12.8	39.2	33.6	53.6	1.84	37.31	2.97	53	.75	.124	92.5	30.4	32	121.0	.052	2	1.10	.027	.21	<.2	.55	1095	<.1	.03	3.0	.02
99R11342	3.15	207.04	411.86	115.4	9750	4.3	11.2	315	7.54	82905.2	16.4	936.6	25.1	88.6	1.61	556.96	251.71	35	.15	.077	143.1	16.9	.05	58.4	.002	2	.55	.013	.11	.3	2.26	5886	10.1	3.39	1.2	1.58
99R11343	2.93	79.52	46.81	130.1	366	10.7	13.7	837	4.41	1988.1	18.0	40.9	37.0	63.2	.99	30.83	5.30	47	.35	.131	91.5	16.4	10	41.2	.005	2	.79	.009	.08	<.2	.42	2470	.2	.11	1.7	.05
99R11344	3.75	83.95	22.53	81.3	278	10.5	10.0	595	2.80	274.8	4.6	12.1	31.4	85.3	.38	6.14	.30	63	1.24	119	35.1	33.8	.51	225.5	.197	2	1.23	.100	.56	<.2	.79	41	.2	.03	5.0	.01
99R11345	12.79	4271.98	89.05	151.9	30970	11.5	21.5	391	11.72	95024.8	16.2	5069.7	13.6	54.1	1.03	216.40	101.63	41	.39	.095	20.5	22.0	.09	183.5	.004	1	.65	.010	.16	2396.7	2.23	4587	20.8	3.97	1.3	.85
99R11346	4.46	3259.36	215.44	268.8	27479	16.8	13.4	1416	9.40	7312.6	5.2	256.7	5.3	176.9	2.24	124.32	33.35	47	.79	.023	16.4	37.9	.33	353.2	.008	3	.90	.006	.13	26.6	1.56	1231	2.8	.38	2.6	.33
99R11347	2.21	264.11	19.36	59.6	1213	20.6	14.0	906	4.27	536.2	3.8	30.4	13.0	219.2	.33	18.83	5.65	54	3.51	.084	26.9	41.0	1.93	339.5	.014	3	.76	.017	.15	10.9	.61	248	.7	.11	2.0	.15
99R11348	8.05	6657.14	44.91	161.1	22901	22.1	76.8	881	5.54	11701.9	19.0	2648.4	18.7	128.7	2.34	67.29	38.92	59	2.15	.100	37.0	32.5	.90	145.3	.004	2	.50	.007	.12	326.3	.63	2110	7.5	1.22	1.6	1.92
99R11349	2.01	114.44	14.35	32.9	463	25.5	10.8	473	3.47	75.5	1.3	12.6	6.2	298.7	.22	8.39	2.26	72	6.33	.029	16.0	98.6	3.07	476.4	.005	1	.40	.008	.07	.7	.15	385	.3	.07	1.1	.14
99R11350	2.00	147.17	18.85	50.7	990	14.8	14.7	156	3.43	641.9	3.6	58.3	14.8	41.6	.07	13.49	2.90	61	.52	.150	36.1	52.7	.16	99.3	.007	3	.67	.011	.14	2.0	.37	86	1.6	.05	1.8	.14
STANDARD DS2	13.71	128.36	29.41	171.5	245	38.0	12.4	848	3.28	65.3	22.0	204.8	3.8	31.4	11.63	9.96	11.77	83	.56	.084	13.8	183.4	.63	151.7	.117	1	1.86	.037	.15	6.6	2.06	268	2.5	1.94	6.2	.01

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: ROCK Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 19 1999 DATE REPORT MAILED: Aug 25/99 SIGNED BY ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99R11351	3.92	29.83	33.46	65.1	161	8.6	7.7	440	2.42	104.2	8.1	10.4	24.7	54.5	.27	12.56	.20	31	.37	.095	33.9	21.9	.11	50.6	.002	2	.70	.005	.04	2.7	.25	3197	<.1	<.02	1.9	.12
99R11352	2.69	12.17	30.26	39.0	262	5.7	5.0	238	1.47	144.8	3.3	13.7	9.5	64.2	.16	31.27	.20	10	.63	.023	16.6	13.7	.23	62.8	.001	3	.42	.004	.09	4.9	.69	3469	.1	<.02	1.2	.30
99R11354	3.59	51.01	54.85	77.3	225	26.0	23.0	1426	4.75	138.2	10.1	10.7	29.4	59.0	.25	13.77	.39	77	3.53	.145	55.6	52.2	1.20	29.8	.007	2	.97	.004	.03	1.7	.40	3380	<.1	<.02	2.3	.58
99R11355	3.20	28.82	19.37	53.2	127	12.0	10.6	621	2.54	367.2	8.0	7.6	27.1	117.2	.21	4.22	.43	63	2.77	.135	31.9	41.7	1.06	146.2	.170	4	.98	.090	.47	3.3	.42	196	.1	.03	4.1	.06
99R11356	2.62	12.86	24.07	37.3	169	7.1	5.0	278	1.33	212.2	8.4	1.1	46.8	66.8	.26	2.65	.24	38	1.41	.117	29.3	28.8	.42	123.5	.121	4	.77	.113	.28	5.6	.27	113	<.1	.02	3.2	.02
RE 99R11356	2.57	12.79	23.26	38.1	168	6.8	4.9	266	1.34	215.1	8.0	1.6	44.0	65.7	.25	2.57	.22	39	1.42	.119	28.8	27.3	.42	123.5	.122	4	.77	.114	.26	5.3	.26	106	<.1	.02	3.1	.02

Sample type: ROCK. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data ✓ FA ___

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 1/#38 File # 9902977 Page 1

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Tl	Hg	Se	Te	Ga	S
	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppb	ppm	ppm	ppm	%
99X04300	1.32	26.25	45.98	139.6	185	27.4	16.0	607	3.08	12.2	1.0	6.6	1.2	17.8	.80	7.89	.33	48	.21	.116	24.5	28.7	.68	284.5	.014	3	1.70	.005	.09	.2	.20	47	.4	.03	4.8	.05
99X04301	3.03	35.93	117.03	205.5	999	33.4	13.6	938	3.08	14.0	.9	4.9	5.4	25.3	1.56	10.01	.22	37	.30	.106	23.2	25.1	.58	258.3	.024	2	1.24	.006	.08	.2	.21	114	.4	.04	3.2	.03
99X04302	1.14	30.75	53.93	129.2	537	26.5	10.1	531	2.69	10.8	.8	4.2	2.0	32.7	.75	12.83	.20	38	.46	.102	21.4	22.3	.62	243.1	.024	3	1.20	.010	.08	<.2	.16	109	.3	.02	3.6	.03
99X04303	1.65	24.62	52.63	116.1	190	18.9	8.0	463	2.95	15.7	.8	3.6	.2	36.0	.66	12.22	.35	56	.54	.121	12.5	26.9	.44	361.7	.009	2	1.62	.005	.07	<.2	.26	48	.6	.05	6.3	.08
99X01301	1.99	31.52	112.65	178.6	874	26.5	10.9	902	3.33	17.3	1.0	3.6	1.7	25.3	.61	15.77	.24	40	.34	.140	24.8	23.0	.46	379.1	.008	2	1.43	.005	.09	.2	.27	161	.4	.03	4.1	.05
[illegible]	1.17	31.74	59.71	139.5	350	29.2	10.1	556	2.91	13.6	.9	5.5	1.1	28.6	.80	12.95	.21	39	.38	.102	20.1	20.7	.58	248.7	.019	2	1.22	.008	.08	<.2	.17	111	.4	.02	3.5	.04
99X04306	1.05	28.10	61.01	129.1	417	29.2	10.9	856	2.76	12.7	.9	3.3	4.5	22.0	.83	12.28	.18	40	.28	.097	21.9	24.4	.57	253.1	.042	1	1.22	.006	.07	<.2	.12	69	.1	.02	3.4	.02
99X06350	2.95	32.99	22.77	87.2	67	24.8	16.4	703	3.30	362.6	7.2	11.4	8.0	26.2	.35	3.72	1.16	80	.26	.082	20.1	30.2	.68	176.3	.126	2	1.96	.013	.12	1.2	.29	61	.6	.24	7.1	.05
99X06351	2.09	57.41	127.21	117.3	269	18.7	21.2	920	4.07	1943.9	17.9	98.0	31.0	31.0	.65	16.13	10.60	76	.39	.106	46.3	31.1	.62	169.9	.073	3	1.58	.009	.11	70.6	.40	139	<.1	.62	5.8	.03
99X06352	2.24	37.90	67.75	115.4	268	19.3	27.7	705	3.28	2211.7	11.3	258.4	12.8	32.5	.62	10.94	11.73	73	.37	.124	30.5	25.6	.42	172.8	.017	2	1.66	.005	.06	16.5	.45	71	.1	.92	5.5	.04
99X06353	4.18	101.81	51.37	105.6	174	26.9	18.4	898	3.59	353.8	17.6	33.9	11.6	186.6	.37	4.29	1.87	84	.32	.145	23.5	34.7	.76	289.5	.106	2	2.42	.022	.14	3.5	.40	89	.9	.20	8.2	.06
99X06354	3.02	74.14	45.38	95.2	184	29.2	29.2	873	3.60	1846.6	27.2	48.3	13.5	290.7	.42	6.88	2.94	81	.49	.163	39.5	36.0	.79	241.6	.106	1	2.44	.022	.15	5.6	.61	83	1.0	.78	7.6	.08
99X06355	5.26	60.62	72.50	112.7	161	30.3	13.1	563	3.47	100.2	11.5	9.1	4.6	41.7	.37	4.73	.63	80	.21	.165	26.2	39.4	.61	232.4	.070	2	2.84	.013	.09	3.2	.35	126	1.9	.09	8.2	.10
99X06356	3.28	45.65	189.14	208.4	670	20.6	28.4	1400	5.07	1621.0	19.1	19.1	41.9	53.7	1.21	40.24	2.93	83	.65	.220	66.2	32.2	.37	198.7	.060	2	1.25	.012	.17	.7	.78	907	<.1	.29	4.1	.11
99X06357	3.58	48.33	182.13	205.8	758	23.0	28.5	1362	5.16	1616.8	21.2	19.5	43.7	57.8	1.16	40.71	2.23	88	.77	.221	65.1	37.9	.43	215.4	.055	2	1.34	.015	.18	.6	.72	1010	<.1	.31	4.4	.10
99X06358	1.02	43.80	36.03	102.9	245	26.1	17.5	685	2.99	613.1	19.9	20.5	21.1	95.0	.52	9.80	.51	64	.46	.129	30.1	30.0	.68	203.0	.091	2	1.63	.013	.10	1.2	.30	106	.1	.09	5.2	.02
99X10317	2.33	67.20	106.59	121.1	406	20.1	20.6	880	4.38	1519.6	21.6	25.5	27.8	47.9	.44	16.11	4.49	97	.58	.161	48.8	46.2	.92	196.3	.105	2	1.97	.026	.22	3.2	.62	144	.2	.61	6.8	.07
99X10318	1.50	50.65	17.35	89.7	97	28.8	26.1	596	3.98	1982.2	13.7	8.7	6.1	45.7	.31	10.01	1.62	103	.45	.105	23.9	49.2	1.06	222.5	.131	1	2.21	.027	.19	1.0	.52	25	.4	1.21	6.8	.03
99X10319	2.68	220.90	263.80	142.3	2212	24.4	41.1	1187	4.42	2760.1	33.2	159.1	24.0	55.9	.91	26.67	9.13	93	.62	.168	61.2	42.1	.85	163.6	.090	3	1.73	.020	.17	10.5	.46	124	.4	1.28	6.1	.05
99X10320	1.90	146.25	20.74	97.1	1188	38.5	36.1	696	3.92	2601.6	9.8	65.1	5.4	107.3	.36	23.44	7.34	109	.48	.135	23.5	70.8	1.23	336.0	.148	2	2.41	.029	.19	4.6	.46	28	.4	1.48	8.1	.07
99X10321	2.36	274.01	30.73	109.3	214	51.4	45.8	612	3.71	3829.2	24.4	140.1	5.1	181.7	.37	9.66	4.32	92	1.01	.195	27.6	66.4	1.12	205.3	.121	5	2.63	.071	.12	6.4	.34	39	1.1	.99	7.9	.07
99X10322	2.31	253.39	254.98	112.4	1922	23.2	56.4	1160	4.96	6444.8	18.9	338.0	8.5	67.9	.60	51.32	26.32	89	.48	.115	43.7	40.3	.85	180.4	.060	4	1.85	.016	.12	9.0	.41	84	.4	2.64	7.1	.09
99X10323	1.30	258.21	989.81	141.7	5712	31.8	44.4	1846	6.82	1656.6	6.6	42.3	10.3	77.2	.67	86.93	3.94	149	1.06	.201	40.8	79.8	1.56	287.7	.144	6	2.28	.047	.38	.9	.74	209	.3	.69	7.3	.09
99X10324	2.26	47.19	25.88	79.3	174	21.5	12.6	556	3.16	372.1	2.6	10.6	3.4	27.9	.25	3.00	.76	77	.23	.080	14.8	31.4	.72	128.2	.097	2	1.78	.012	.09	1.0	.23	80	.7	.09	6.4	.08
99X10325	2.73	41.44	22.27	91.6	161	19.2	20.9	1347	4.73	401.6	3.7	12.9	9.2	43.4	.24	4.07	.88	102	.25	.084	19.7	38.1	.88	153.2	.135	3	2.06	.016	.15	1.3	.31	67	.6	.09	7.9	.07
RE 99X10325	2.78	41.94	22.51	92.8	98	18.8	21.1	1366	4.76	403.4	3.8	16.8	9.1	43.2	.25	4.16	.86	104	.25	.085	20.3	39.2	.89	153.9	.135	3	2.07	.013	.15	1.2	.31	60	.7	.11	8.0	.07
99X10326	2.01	72.49	59.44	96.3	337	24.2	39.8	1939	5.80	1696.7	12.0	9.6	34.2	83.2	.45	8.99	.38	123	1.07	.251	71.3	57.6	.93	268.1	.206	4	1.72	.022	.62	.7	.68	28	<.1	.12	5.9	.01
99X10327	9.67	363.62	353.02	117.8	5668	20.4	51.5	2111	5.13	4228.3	42.7	263.0	54.4	90.4	.87	35.75	13.50	68	.83	.205	71.8	26.7	.51	141.2	.055	6	1.22	.011	.11	6.3	.54	365	.4	1.50	4.6	.02
99X10328	1.85	99.81	42.47	80.6	267	16.4	27.7	579	3.43	1744.7	16.9	13.6	58.6	34.1	.28	23.06	2.97	84	1.07	.253	61.8	30.2	.41	114.9	.019	2	1.30	.009	.11	.3	.27	421	<.1	.93	3.6	.01
99X10330	3.62	163.32	291.08	441.3	2730	11.5	12.6	707	2.74	694.6	9.6	32.8	64.2	39.5	3.08	46.17	1.37	31	.61	.117	72.2	11.3	.21	179.9	.001	2	.68	.001	.06	.6	.24	812	.1	.09	1.6	.01
99X10331	2.58	13.17	26.38	46.6	160	10.0	9.3	117	1.52	540.3	6.3	7.9	43.3	21.2	.24	7.14	1.38	33	.63	.148	37.9	11.3	.19	61.1	.001	1	.80	.002	.04	.4	.10	369	<.1	.15	1.9	.01
99X11312	1.16	46.99	203.24	400.4	1676	38.3	13.4	987	3.56	20.6	1.2	4.2	2.6	73.4	2.29	26.15	.33	43	1.41	.122	26.5	57.5	1.00	215.3	.013	3	1.41	.007	.06	<.2	.20	179	.8	.04	3.9	.10
99X11313	1.24	56.44	110.01	288.1	1080	55.8	17.6	834	3.83	15.5	1.4	4.0	3.3	59.2	1.42	14.68	.27	53	1.16	.113	26.3	98.1	1.57	203.6	.008	4	1.66	.005	.07	<.2	.18	113	.8	.04	4.9	.10
99X11314	1.53	51.29	329.76	405.3	3350	42.5	13.5	714	3.65	26.7	1.5	5.3	3.0	57.6	2.00	34.25	.57	39	1.18	.117	24.1	50.4	.83	161.7	.007	3	1.17	.006	.06	<.2	.20	247	.9	.03	3.5	.10
STANDARD DS2	14.34	127.68	79.46	174.9	247	38.9	13.2	856	3.29	64.3	21.8	201.0	3.6	31.3	11.51	10.02	11.54	84	.57	.085	13.8	175.6	.63	150.0	.116	2	1.85	.038	.16	7.5	2.00	268	2.5	1.88	6.3	.02

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: SOIL Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 19 1999 **DATE REPORT MAILED:** Aug 25/99 **SIGNED BY.....** D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data ✓ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99X11315	.94	30.69	97.58	225.1	770	32.8	12.8	654	3.18	9.3	.9	2.7	3.9	50.2	1.11	9.06	.23	30	.99	.107	31.8	49.6	1.20	190.5	.008	4	1.51	.007	.11	<.2	.17	86	.5	.02	4.4	.06
99X11316	1.47	49.86	91.10	242.6	1051	34.7	13.6	562	3.17	12.7	1.4	4.7	4.1	42.9	1.05	12.12	.28	35	.74	.100	32.6	44.4	1.15	190.3	.009	4	1.52	.007	.10	<.2	.20	121	8	.04	4.7	.06
99X11317	1.94	55.62	309.03	294.3	3462	29.1	12.6	626	3.40	21.0	1.8	10.6	2.5	83.3	1.70	27.65	.29	33	1.54	.121	33.6	25.3	.87	232.6	.008	5	1.32	.007	.09	<.2	.21	263	1.4	.05	4.0	.12
99X11318	1.51	48.14	418.41	355.2	3628	29.0	12.2	891	3.35	49.4	1.3	8.0	3.1	62.5	2.09	54.25	.23	27	1.12	.121	30.0	21.8	.68	212.9	.007	4	1.11	.006	.10	<.2	.26	513	1.1	.02	3.3	.10
99X11319	3.84	136.79	8733.84	6151.2	56673	54.4	30.1	5347	6.40	422.5	3.5	29.2	7.1	68.4	61.30	600.66	1.82	69	.46	.136	36.3	33.9	91	119.2	.031	5	1.79	.025	.15	5	.54	285	1.8	.11	6.4	.09
99X11331	1.83	62.75	98.01	106.3	267	41.3	18.8	1936	4.38	677.0	8.7	27.9	18.9	53.8	51	18.31	1.14	70	.41	.106	36.9	100.0	.84	348.9	.055	2	1.92	.008	.11	.5	.34	469	.2	.07	5.7	.01
99X11332	.77	21.36	90.80	62.9	364	5.1	5.0	93	1.54	230.6	25.8	25.3	48.1	39.6	.15	23.90	.47	17	.50	.152	52.2	6.0	.08	11.5	<.001	1	.38	.004	.03	.8	.37	1159	<.1	<.02	.6	.06
RE 99X11331	1.92	60.97	54.60	103.8	233	44.0	21.2	1020	4.33	667.9	9.3	30.3	20.8	57.4	.52	18.25	1.16	71	.41	.106	34.1	89.5	.76	305.9	.050	4	1.73	.008	.10	.5	.35	484	.3	.06	6.5	.02
STANDARD G52	14.52	128.83	29.95	170.5	256	38.2	13.0	856	3.32	63.3	21.5	207.2	3.7	32.0	11.56	10.09	11.80	82	.57	.085	14.2	175.2	.62	148.3	.117	1	1.84	.041	.17	7.2	1.93	263	2.6	2.08	6.5	.02

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data___ FA ____

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.)
852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 2/#39 File # 9902979

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
8000E 6275N	17.32	162.78	13.91	321.0	1332	59.8	7.3	113	2.62	14.1	1.8	11.0	5.5	99.6	3.78	5.36	.16	64	1.21	.349	24.8	16.9	.59	427.1	.007	4	1.25	.007	.24	<.2	.37	752	3.7	.12	2.8	.02
8000E 6250N	4.16	152.84	40.78	203.9	150	40.3	20.8	477	5.00	12.1	2.7	6.2	5.7	63.7	1.02	2.90	.39	66	.39	.228	25.0	27.6	1.26	585.9	.014	4	2.31	.006	.29	<.2	.26	119	1.3	.26	6.3	.05
8000E 6225N	4.15	52.86	15.29	140.9	316	31.9	25.5	840	3.74	12.3	2.0	7.1	4.0	62.4	1.15	2.17	.20	54	.17	.091	21.6	25.2	.57	303.2	.022	2	1.65	.008	.13	<.2	.27	128	1.1	.07	4.9	.05
8000E 6200N	3.02	26.07	11.78	77.3	153	22.1	10.1	238	2.75	8.1	.9	3.2	4.4	36.4	.41	1.32	.17	58	.41	.046	15.0	27.5	.74	216.1	.029	2	1.76	.013	.10	<.2	.23	82	.8	.03	5.8	.04
8000E 6175N	1.03	65.98	26.56	94.4	209	34.2	19.4	887	4.29	8.7	1.1	9.0	8.0	57.6	.53	1.40	.19	66	.89	.100	30.6	42.9	2.22	257.0	.014	4	3.07	.010	.15	<.2	.23	107	.7	.05	8.7	.05
8000E 6150N	1.64	46.43	15.12	83.7	403	29.1	11.8	470	3.16	8.9	1.3	11.9	7.3	72.4	.52	1.21	.15	54	1.03	.073	35.1	31.3	.79	255.4	.016	2	1.67	.012	.10	<.2	.18	326	.7	.04	5.0	.03
8000E 6100N	2.77	50.74	11.34	125.8	483	32.8	17.6	607	2.47	6.7	1.9	9.2	3.6	35.7	.40	1.18	.20	60	.42	.089	16.9	32.3	.91	472.7	.016	3	1.85	.009	.12	<.2	.20	244	1.5	.05	5.7	.04
8000E 6050N	2.15	61.64	11.95	111.5	516	38.8	12.6	329	2.23	5.8	2.6	9.2	4.1	33.3	.85	1.21	.21	61	.25	.071	20.2	31.7	.64	458.4	.018	3	1.92	.008	.11	<.2	.24	353	1.6	.05	5.8	.04
8000E 6025N	1.89	47.38	12.15	127.4	231	45.1	12.5	716	2.65	8.0	1.9	6.4	4.1	34.0	1.09	1.00	.19	56	.37	.070	16.2	28.0	.63	389.5	.021	2	1.63	.008	.08	<.2	.16	193	2.1	.05	5.0	.02
8000E 5900N	5.67	115.02	12.73	152.7	342	33.3	13.4	368	2.83	9.8	2.3	13.0	1.5	33.7	.85	1.92	.31	70	.21	.143	13.9	29.1	.64	546.7	.013	4	2.04	.005	.20	<.2	.22	201	2.9	.11	5.8	.05
8000E 5875N	13.89	341.81	21.07	556.8	1769	122.6	28.3	5584	3.87	14.2	3.2	37.5	6.2	92.5	5.85	5.76	.26	98	.47	.214	18.7	33.6	1.13	1594.7	.006	6	1.96	.007	.35	<.2	.50	1164	5.4	.17	5.4	.02
8000E 5850N	13.79	87.15	12.86	51.3	3054	12.2	1.6	85	1.98	52.2	6.9	15.4	1.2	175.6	.49	19.01	.19	213	.03	.106	7.4	51.2	.07	1234.0	.007	2	.71	.009	.17	.2	.62	435	10.8	.20	4.1	.30
8000E 5825N	5.72	181.91	25.60	259.1	135	101.1	18.5	1036	8.54	193.2	10.5	10.2	3.3	53.3	.51	5.06	.38	246	.04	.250	8.4	107.7	.15	458.5	.010	2	1.82	.005	.08	<.2	.21	74	1.7	.18	6.1	.06
8000E 5800N	5.39	92.97	12.26	102.6	148	25.9	11.8	534	3.26	16.6	1.3	16.0	4.0	85.6	.24	1.93	.26	49	.03	.072	16.4	25.3	.13	462.9	.009	1	1.20	.003	.07	<.2	.31	81	4.1	.13	3.5	.04
8200E 6300N	4.36	106.51	22.94	219.1	69	65.2	25.4	1114	4.14	12.5	1.2	8.2	5.7	32.4	.65	1.39	.54	107	.06	.052	21.2	49.9	.39	642.3	.050	2	2.32	.007	.10	<.2	.18	39	1.0	.17	7.9	.02
8200E 6275N	2.66	62.39	12.31	111.8	26	44.5	22.7	804	3.18	11.4	1.1	18.0	5.7	21.8	.38	1.26	.23	69	.09	.035	12.8	38.8	.54	311.5	.069	1	1.92	.010	.08	.2	.12	66	.8	.07	5.0	.02
8200E 6250N	2.56	51.05	13.52	91.2	96	33.5	12.5	684	3.31	12.7	1.1	10.2	4.5	19.7	.33	1.35	.25	73	.11	.047	13.8	39.0	.57	378.2	.056	1	1.87	.008	.08	.2	.14	46	.7	.06	5.6	.04
RE 8200E 6250N	2.54	50.16	13.19	89.2	95	32.5	12.5	676	3.24	12.4	1.0	10.3	4.4	19.5	.33	1.37	.24	70	.11	.046	13.5	37.6	.55	365.3	.055	1	1.79	.009	.08	.2	.14	43	.7	.07	5.5	.02
8200E 6150N	2.93	92.68	12.65	152.0	677	34.1	14.3	441	2.42	5.9	2.4	18.0	5.1	97.7	1.35	1.88	.20	53	1.53	.106	27.7	24.9	1.14	309.2	.006	3	1.72	.007	.12	<.2	.24	579	1.6	.06	4.6	.08
8200E 6125N	3.10	76.00	13.26	118.9	721	30.8	11.6	437	2.57	6.6	3.1	10.1	3.6	106.2	.91	1.58	.16	40	2.08	.119	32.6	24.4	1.14	330.3	.006	3	1.65	.007	.10	<.2	.22	588	1.6	.06	4.2	.11
8200E 6100N	3.95	64.54	11.70	142.3	743	26.1	9.8	173	2.52	7.3	2.4	7.4	.9	51.1	1.25	1.60	.19	53	.44	.151	19.5	22.6	.52	337.1	.008	2	1.54	.008	.14	<.2	.22	265	1.7	.07	4.4	.08
8200E 6075N	4.37	57.80	13.62	147.0	437	31.5	16.6	537	3.34	10.2	1.8	7.4	3.8	46.0	.79	1.75	.19	56	.20	.148	19.6	26.4	.76	233.9	.012	2	1.88	.005	.16	<.2	.24	184	1.6	.06	4.9	.05
8200E 6050N	4.01	54.59	14.93	150.8	283	35.5	16.3	286	3.27	9.4	1.8	5.2	5.8	49.9	.98	1.96	.18	50	.25	.082	22.9	26.5	.84	357.5	.012	2	1.90	.008	.15	<.2	.26	131	1.2	.06	5.0	.05
8200E 6025N	4.23	64.52	26.29	191.2	422	47.4	28.9	704	4.59	9.5	1.5	8.3	10.4	34.9	1.26	2.89	.22	58	.32	.066	33.4	26.9	1.01	281.9	.009	2	2.07	.005	.22	<.2	.37	162	1.8	.06	5.8	.05
8200E 6000N	12.41	31.75	15.60	35.4	1122	10.0	1.0	70	3.19	93.6	1.9	8.1	1.6	63.5	.18	3.18	.35	46	.03	.056	3.7	18.3	.07	670.1	.003	1	.64	.014	.16	<.2	.54	703	8.4	.21	2.4	.31
8200E 5975N	2.29	68.15	16.52	174.4	110	60.7	47.3	4688	5.22	14.5	.8	4.2	3.7	22.4	1.02	1.40	.28	63	.06	.091	10.5	38.0	.39	372.6	.060	2	2.28	.010	.08	.2	.18	89	1.2	.07	6.4	.09
8200E 5950N	3.91	54.63	13.27	125.0	79	42.4	22.5	2165	2.60	6.5	1.1	6.4	3.1	9.8	.38	.80	.22	29	.05	.045	7.0	18.7	.15	275.7	.009	1	1.14	.003	.07	<.2	.18	45	2.3	.08	3.1	.03
8200E 5925N	2.89	126.17	12.35	87.7	55	49.8	22.1	1035	3.20	12.1	.5	8.1	3.5	4.7	.36	1.06	.28	73	.04	.045	10.1	46.4	.49	208.0	.035	1	2.38	.006	.06	.2	.13	88	.9	.14	6.7	<.01
8200E 5900N	2.28	48.05	12.21	111.6	113	37.3	14.2	915	3.10	9.7	.8	19.9	4.9	11.5	.40	1.35	.19	58	.09	.048	14.8	29.0	.56	287.4	.038	2	1.81	.007	.09	<.2	.16	115	.9	.06	5.1	.01
8200E 5850N	3.35	55.12	15.25	126.8	262	31.1	16.7	574	3.14	9.6	1.3	5.8	3.5	27.6	.59	1.60	.20	59	.24	.104	15.1	28.9	.69	381.6	.024	4	1.97	.006	.21	<.2	.23	95	1.1	.06	6.1	.02
99X02060	14.56	111.84	15.65	354.6	323	66.5	27.2	583	3.29	17.0	1.3	7.2	2.6	40.0	1.80	6.60	.20	84	.35	.154	14.2	22.8	.48	294.7	.012	2	1.63	.006	.12	<.2	.39	214	3.6	.13	4.1	.02
99X02061	3.12	56.46	17.29	130.6	126	29.7	26.3	648	3.79	13.0	1.8	10.0	.9	30.6	1.16	1.62	.23	76	.24	.184	14.9	30.8	.60	302.1	.040	2	2.03	.008	.12	.2	.24	146	2.2	.06	5.8	.06
STANDARD DS2	14.35	133.75	31.11	170.7	242	37.8	13.2	855	3.37	63.5	20.0	195.0	3.2	29.9	11.55	10.19	10.78	85	.57	.084	13.9	173.4	.62	148.1	.119	2	1.86	.040	.17	7.1	1.95	246	2.7	1.92	6.3	.02

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: SOIL Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 19 1999 DATE REPORT MAILED: Aug 26/99 SIGNED BY. C. Leong ..D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data FA

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 3/#40 File # 9902980 Page 1

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99X05284	1.86	54.14	8.39	42.4	408	9.7	3.7	71	1.35	6.5	.6	14.6	1.6	32.0	.19	1.40	.20	45	.02	.031	5.3	17.2	.13	273.5	.014	2	.88	<.001	.08	<.2	.11	55	2.7	.09	2.6	.03
99X05285	1.63	52.08	10.76	123.0	273	37.2	17.2	336	3.17	13.1	.6	4.9	3.4	15.4	.32	1.25	.26	74	.09	.038	7.5	33.6	.45	413.7	.046	2	2.06	.001	.09	<.2	.12	27	1.2	.08	5.9	<.01
99X05286	1.79	41.61	11.51	88.2	118	36.0	11.1	229	3.21	17.6	.8	3.9	5.4	13.8	.16	1.41	.25	86	.08	.022	9.5	45.1	.55	315.7	.069	1	2.39	.012	.07	.2	.10	23	.7	.04	6.2	.01
99X05287	1.53	33.89	11.32	84.7	182	28.3	9.9	273	3.04	15.0	.6	2.1	4.7	13.5	.20	1.23	.23	79	.09	.021	8.9	40.4	.52	385.4	.059	1	2.20	<.001	.06	.2	.10	32	.5	.05	5.9	.02
99X05288	1.63	33.73	10.52	96.8	312	21.3	10.3	305	3.02	10.5	.5	1.1	2.7	9.6	.48	1.03	.26	83	.06	.038	8.3	30.0	.28	329.5	.045	1	1.71	.002	.05	<.2	.10	37	1.5	.06	7.1	.02
99X05289	2.36	130.24	10.60	126.2	209	36.2	5.4	80	3.14	8.6	.5	14.4	2.0	21.4	.73	1.53	.28	58	.02	.081	4.4	19.6	.06	248.1	.017	2	.79	<.001	.10	<.2	.14	71	3.4	.15	3.9	.07
99X05290	3.86	265.33	18.66	362.9	314	96.8	32.1	1612	4.73	10.4	2.7	46.3	1.9	49.6	1.85	2.05	.27	61	.21	.232	9.7	27.1	.20	685.1	.016	4	1.80	<.001	.15	<.2	.22	192	2.4	.14	4.3	.03
99X05291	1.90	43.86	11.81	70.5	268	12.3	8.9	566	2.19	6.8	1.0	10.0	.4	19.9	.47	.76	.33	57	.08	.154	8.6	18.9	.18	363.3	.012	2	1.28	.009	.10	<.2	.17	78	.9	.08	5.4	.04
99X05292	5.63	118.71	17.22	72.0	789	14.7	2.6	65	2.93	14.0	1.7	16.1	.3	138.9	.73	5.40	.31	92	.05	.192	6.3	20.5	.10	913.1	.011	2	.87	.006	.22	<.2	.50	200	16.6	.13	4.1	.39
99X05293	4.00	45.92	10.89	21.5	1479	9.9	.6	14	.65	5.6	2.7	10.3	.1	43.1	.71	3.88	.21	78	.07	.070	5.4	22.6	.03	468.5	.006	3	.33	.004	.10	<.2	.37	492	6.9	.10	2.5	.11
99X05294	3.67	37.02	10.42	96.5	315	29.8	8.9	245	2.58	9.3	.8	8.0	1.8	27.1	.57	1.83	.20	80	.13	.077	8.7	25.5	.30	498.7	.018	2	1.21	.001	.09	<.2	.13	173	1.9	.07	4.1	.07
99X05295	5.63	24.16	15.06	138.7	526	25.8	4.9	101	2.14	10.8	.9	3.2	2.3	65.5	.73	1.89	.23	93	.11	.142	8.4	17.1	.14	601.4	.019	2	.71	.001	.18	<.2	.24	56	4.0	.10	3.6	.22
99X05296	3.21	25.40	10.26	267.1	314	27.8	7.5	206	2.40	9.7	.5	1.1	1.7	32.4	.89	1.43	.39	69	.13	.119	7.1	19.1	.20	418.2	.020	2	.85	.007	.13	<.2	.15	28	2.1	.07	3.8	.10
99X05297	36.52	115.35	15.87	916.6	1143	114.5	11.7	232	2.65	23.3	7.3	6.3	3.2	90.0	8.23	13.86	.26	216	.23	.102	9.8	16.6	.11	964.4	.006	2	.68	.001	.14	<.2	.47	468	7.3	.10	2.4	.11
99X05298	19.44	44.45	14.26	306.5	764	51.4	9.8	165	2.54	13.7	1.8	1.0	1.8	43.0	.86	7.65	.27	135	.07	.063	6.1	13.3	.09	321.7	.007	3	.66	<.001	.13	<.2	.34	45	3.0	.08	3.5	.08
99X05299	14.38	29.61	9.63	193.7	255	49.1	8.7	150	2.41	13.4	2.0	4.1	2.8	26.9	.68	3.91	.20	146	.17	.057	8.2	25.2	.30	501.0	.014	1	1.21	.002	.08	.2	.25	82	2.8	.08	4.3	.04
99X05300	26.77	138.07	13.15	421.6	2407	81.5	5.9	75	2.09	22.4	12.9	3.8	2.7	119.2	7.63	12.52	.23	328	.55	.314	11.9	42.0	.11	744.9	.007	5	.69	.002	.17	<.2	.45	649	11.5	.19	3.0	.12
RE 99X05300	27.45	140.63	13.14	430.6	2400	86.8	6.0	77	2.11	23.3	13.4	3.8	2.9	122.8	7.83	12.58	.23	330	.56	.322	12.2	40.1	.11	740.5	.007	5	.69	<.001	.18	<.2	.46	678	11.6	.22	3.0	.11
99X06320	1.80	52.95	13.34	129.8	774	42.2	12.6	245	3.51	15.2	.7	5.6	3.3	20.3	.51	1.38	.26	93	.07	.105	7.9	35.9	.39	410.9	.032	1	2.30	.002	.08	.5	.11	48	1.2	.10	7.0	.02
99X06321	2.07	32.29	12.69	101.3	305	45.7	13.8	264	3.46	19.1	.5	1.7	3.7	16.0	.30	1.33	.25	94	.11	.051	8.2	42.8	.64	407.2	.046	1	2.70	.006	.08	.2	.11	58	1.0	.05	6.9	.01
99X06322	2.02	55.37	13.03	102.9	1967	40.1	12.5	248	3.65	18.3	.7	1.7	4.3	15.3	.44	1.18	.27	91	.09	.128	9.0	41.1	.47	361.1	.036	1	2.69	.006	.08	.2	.11	75	1.0	.08	7.2	.01
99X06323	2.18	28.91	10.62	85.3	261	27.2	9.0	215	3.02	13.0	.5	1.3	3.1	11.5	.27	1.08	.22	89	.07	.037	7.7	35.5	.44	360.4	.038	1	2.09	.003	.04	.2	.10	48	.7	.04	6.5	.01
99X06324	2.00	49.49	10.77	102.3	251	48.8	15.8	240	3.33	13.8	.8	9.6	4.1	15.9	.31	1.39	.22	80	.11	.031	8.0	42.0	.65	356.1	.059	1	2.52	.010	.07	.2	.10	88	1.0	.03	5.5	.02
99X06325	1.65	66.94	9.54	92.2	315	41.3	11.5	212	3.04	13.6	1.0	13.8	5.0	14.8	.32	1.13	.20	75	.09	.027	9.3	38.7	.61	336.9	.047	1	2.31	.009	.06	.2	.09	109	.9	.05	5.4	<.01
99X06326	2.83	133.20	12.98	190.7	319	50.1	12.8	228	3.44	11.6	1.0	14.8	3.4	147.1	.70	1.30	.23	73	.11	.156	8.3	29.8	.35	552.9	.016	2	1.97	.007	.12	.3	.16	80	1.7	.10	5.2	.03
99X06327	1.71	34.05	11.08	79.2	157	30.6	10.7	231	3.06	15.8	.5	2.0	3.3	11.3	.29	1.18	.20	79	.06	.029	7.3	35.0	.46	331.3	.032	1	2.19	.001	.05	.2	.10	38	.7	.06	5.7	.02
99X06328	2.60	229.13	11.70	210.9	357	55.8	14.1	276	4.09	11.2	1.0	16.1	2.7	34.2	.50	1.75	.26	66	.05	.097	5.9	26.6	.21	335.8	.014	1	1.43	.004	.06	<.2	.08	45	2.1	.11	4.9	.04
99X06329	2.36	54.83	20.65	133.8	1061	16.3	8.3	818	1.60	2.9	2.0	3.5	.7	79.8	4.15	.75	.32	50	.25	.262	6.7	17.8	.10	1562.3	.014	2	1.03	.007	.10	<.2	.13	56	1.7	.15	4.0	.06
99X06330	5.29	146.93	14.91	331.0	826	52.0	13.9	331	3.52	14.6	1.0	2.1	3.8	26.8	1.09	2.89	.33	111	.21	.285	8.3	37.2	.38	537.3	.025	2	2.08	.011	.10	.2	.16	71	5.2	.19	7.0	.01
99X06331	1.95	90.65	13.71	250.9	736	42.2	12.3	311	3.67	12.7	.6	4.4	3.3	15.2	.82	1.23	.28	79	.09	.103	9.0	36.8	.42	429.3	.036	2	2.29	.002	.07	.2	.11	50	1.5	.08	7.1	.01
99X06332	1.92	80.17	13.97	171.8	167	37.9	15.1	373	3.50	12.0	.9	9.2	4.4	16.7	.64	1.31	.26	66	.09	.068	8.5	35.2	.49	341.9	.045	2	2.02	.005	.08	.2	.12	43	3.1	.09	5.5	.03
99X06333	1.65	73.92	16.61	433.6	214	35.7	18.3	668	3.84	9.1	.7	5.0	3.5	17.8	1.68	1.09	.35	82	.11	.091	8.8	37.0	.42	776.7	.040	2	2.02	.005	.09	<.2	.13	30	1.3	.09	7.9	.03
99X06334	2.48	80.55	11.29	158.4	212	31.5	10.6	257	3.62	14.6	.6	5.2	3.3	47.1	.77	1.12	.25	79	.07	.070	7.1	33.6	.36	447.7	.033	2	1.99	.009	.12	.2	.18	47	1.6	.09	6.1	.12
99X06335	2.51	129.67	10.96	280.0	281	89.3	32.6	605	5.51	10.1	1.0	18.6	3.5	110.6	.71	1.24	.16	79	.06	.132	8.9	25.7	.17	777.8	.007	4	1.65	.014	.19	<.2	.27	149	1.6	.06	3.0	.26
STANDARD DS2	14.48	132.33	32.40	173.5	243	35.1	12.9	850	3.25	64.5	21.0	200.2	3.6	31.8	11.82	10.16	11.34	84	.56	.084	14.6	177.3	.62	138.8	.118	3	1.85	.043	.17	7.5	1.91	247	2.5	1.95	6.3	.03

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: SOIL Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 19 1999 DATE REPORT MAILED: Aug 26/99 SIGNED BY ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data ___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99X06336	12.95	138.44	23.67	487.2	2331	95.8	17.1	107	6.77	41.7	4.1	19.5	4.3	230.5	1.26	13.32	.32	195	.02	.158	12.7	30.4	.03	271.6	.004	3	.76	.022	.51	<.2	1.28	689	6.5	.24	3.6	1.21
99X06337	3.83	137.60	23.27	179.8	314	43.4	12.2	145	4.98	9.7	1.1	7.2	1.6	184.7	.56	2.09	.45	63	.04	.140	6.9	22.8	.04	664.6	.012	4	.87	.009	.36	<.2	.22	107	1.5	.18	4.0	.70
99X10263	3.23	207.28	21.13	264.4	121	93.5	16.7	199	5.12	10.7	2.9	38.4	4.6	17.1	.51	2.25	.41	53	.03	.068	8.0	21.2	.15	346.9	.014	1	1.10	.010	.12	<.2	.11	117	1.7	.22	3.1	.01
99X10264	3.34	141.02	11.16	197.5	167	53.8	9.4	83	2.84	5.5	1.3	45.7	2.4	11.2	.35	1.16	.28	24	.01	.037	3.0	12.9	.06	157.2	.009	4	.59	<.001	.08	<.2	.05	64	1.1	.13	1.8	<.01
99X10265	3.02	105.01	13.80	172.1	181	51.2	13.4	270	3.26	9.9	1.0	19.7	3.4	20.4	.44	1.47	.28	40	.05	.040	5.6	19.7	.17	371.1	.020	1	.93	.008	.10	<.2	.07	54	1.1	.14	2.8	.04
99X10266	6.53	284.76	13.04	447.3	149	122.2	23.7	254	5.58	10.2	2.7	20.7	4.1	22.7	.43	1.64	.37	44	.02	.069	4.4	17.2	.10	234.5	.014	3	.95	<.001	.08	<.2	.09	55	.5	.17	2.3	<.01
99X10267	4.43	127.36	10.61	216.3	137	54.4	10.2	84	4.01	12.1	1.0	15.3	2.9	10.4	.39	1.70	.29	27	.01	.047	3.5	14.3	.05	172.4	.009	1	.48	<.001	.11	<.2	.06	69	1.1	.19	2.2	.03
99X10268	3.43	134.11	12.60	267.2	215	143.4	22.7	288	5.58	10.4	1.4	6.9	3.1	46.6	.81	1.23	.41	41	.02	.061	5.4	20.7	.08	393.4	.015	<1	.87	.002	.15	<.2	.07	30	1.3	.13	2.6	.15
99X10269	2.53	147.82	14.72	245.7	126	132.1	29.8	511	4.89	8.3	1.1	5.5	3.0	13.3	.42	1.16	.37	40	.03	.048	6.4	16.9	.09	364.6	.010	2	.84	.002	.08	<.2	.06	27	.8	.13	2.3	.01
99X10270	1.76	146.71	10.87	155.8	145	48.9	10.9	172	2.37	31.0	1.3	19.7	2.5	14.9	.64	1.23	.40	35	.04	.037	4.8	16.1	.12	708.3	.014	2	.84	<.001	.08	<.2	.06	43	1.2	.11	2.3	.03
99X10271	4.91	437.34	16.24	466.3	272	94.7	11.2	349	2.25	12.7	4.5	65.3	2.4	50.2	3.11	2.90	.33	60	.30	.206	9.0	19.1	.04	256.2	.003	1	.79	<.001	.12	<.2	.18	357	7.3	.33	1.6	.04
99X10272	5.87	268.21	15.37	242.3	133	67.3	32.4	1414	3.40	7.7	5.6	48.9	3.9	45.2	1.82	2.34	.29	33	.02	.057	7.3	13.3	.06	522.7	.008	1	.78	<.001	.09	<.2	.22	363	1.6	.16	1.7	.01
99X10273	6.81	334.79	12.72	337.9	169	71.6	12.6	353	3.11	11.1	3.4	47.5	2.8	34.0	.43	3.19	.26	76	.21	.157	6.5	16.6	.08	182.0	.006	3	.56	.002	.09	<.2	.18	199	6.1	.27	2.1	<.01
99X10274	3.31	481.81	13.62	267.5	427	59.9	8.8	179	3.42	9.3	2.2	65.0	2.5	47.0	.20	3.14	.32	64	.03	.064	6.4	26.4	.04	436.0	.003	3	.53	<.001	.11	<.2	.12	306	4.1	.26	2.5	<.01
99X10275	8.55	769.05	24.57	481.9	979	129.3	14.1	139	4.65	23.2	3.0	55.5	2.8	51.2	.31	4.62	.39	86	.07	.144	3.3	20.3	.06	298.2	.005	2	.65	<.001	.16	<.2	.24	474	11.9	.49	2.8	.08
RE 99X10268	3.28	129.47	12.30	255.1	203	136.6	22.3	282	5.34	9.4	1.3	6.0	2.7	49.0	.80	1.08	.38	38	.02	.058	5.1	18.7	.08	360.8	.013	1	.81	.005	.11	<.2	.08	23	1.5	.13	2.3	.12
99X10276	7.02	783.51	30.12	353.5	1302	79.4	7.6	111	4.40	16.7	3.0	41.7	3.8	150.5	.16	2.71	.46	78	.20	.199	6.1	20.1	.07	511.7	.004	4	.81	<.001	.34	<.2	.35	259	10.4	.79	3.1	.41
99X10277	8.52	770.25	31.92	468.9	1182	96.4	15.7	172	5.60	24.1	2.5	19.7	2.9	109.8	.22	3.80	.57	113	.11	.177	3.8	20.8	.08	417.5	.005	1	.82	.001	.23	<.2	.28	300	12.4	.89	3.3	.26
99X10278	5.99	499.70	29.04	338.9	627	58.6	7.6	124	2.65	13.3	3.3	20.5	2.5	106.3	.27	2.61	.38	98	.47	.254	4.8	24.0	.07	664.5	.004	3	.60	.004	.22	<.2	.19	194	8.2	.73	2.2	.16
99X10279	7.11	312.08	18.77	347.3	323	68.6	21.2	403	4.38	9.0	.7	34.2	4.3	48.2	.14	2.63	.49	72	.18	.138	4.7	20.6	.10	713.5	.007	4	.98	.001	.11	<.2	.15	252	3.0	.28	2.9	.01
99X10280	16.59	577.66	23.03	248.2	576	48.9	6.8	205	5.57	13.5	2.4	25.3	5.3	109.5	1.48	3.71	.34	79	.04	.218	5.4	23.3	.05	600.4	.006	2	.87	.001	.15	<.2	.26	384	2.1	.24	2.3	.21
99X10281	2.91	59.41	17.57	75.6	441	17.6	4.2	162	4.70	13.9	.5	9.7	3.6	131.8	.33	1.32	.39	48	.02	.150	5.6	21.0	.05	370.9	.007	3	1.01	.010	.40	<.2	.27	230	4.2	.16	3.6	.85
99X10282	4.21	64.88	18.84	223.6	300	44.5	14.6	443	3.27	10.1	1.0	12.4	2.4	95.4	.75	1.22	.24	55	.09	.114	7.4	18.6	.16	896.8	.016	6	.88	<.001	.19	<.2	.32	287	1.1	.08	3.8	.35
99X10283	6.28	59.12	11.01	169.0	1135	41.7	4.6	69	2.17	8.6	3.2	20.1	.2	79.7	1.26	3.64	.22	125	.10	.186	8.1	27.5	.12	705.4	.008	6	1.04	.004	.12	<.2	.36	604	4.3	.12	4.5	.18
STANDARD DS2	14.16	135.78	37.04	173.4	270	38.2	12.9	868	3.30	65.3	20.8	194.7	3.7	37.4	11.56	10.25	11.85	85	.57	.087	15.1	176.1	.63	151.9	.117	2	1.83	.046	.17	7.5	2.02	260	1.9	2.10	6.9	.04

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data A FA ____

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.)
852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-17..

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 3.1/#41 File # 9902981

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99R02062	31.35	181.24	6.85	569.6	5714	103.9	5.6	129	1.04	36.2	15.1	5	1.6	203.0	35.13	37.70	.10	1386	1.58	.792	6.9	156.7	.11	1466.7	.010	17	.85	.011	.20	6.5	.80	566	26.2	.29	4.9	.20
99R02063	28.34	158.53	6.19	797.1	3728	128.1	6.8	139	1.00	33.0	14.9	.2	1.5	209.9	37.32	30.28	.10	1153	1.68	.637	9.4	141.7	.09	1454.3	.009	12	.67	.008	.16	9.1	.65	625	21.3	.28	4.1	.15
99R02064	24.65	141.15	6.25	935.1	5086	124.4	5.9	157	1.14	28.9	12.2	.7	1.7	199.4	25.95	27.24	.11	1055	1.88	.724	6.1	137.0	.26	1081.3	.007	15	.67	.009	.18	10.3	.58	540	20.0	.20	3.9	.20
99R02065	28.08	152.30	5.11	1736.5	5240	213.8	11.3	368	1.82	34.3	13.9	5	1.4	257.7	20.67	25.42	.09	812	2.22	.558	11.9	149.1	.14	1616.3	.007	11	.62	.006	.14	10.0	.35	625	23.6	.21	3.2	.14
RE 99R02065	27.96	150.85	4.86	1711.7	5184	208.9	13.5	352	1.78	33.6	13.0	.4	1.3	254.9	20.31	23.67	.08	803	2.19	.548	11.8	143.4	.14	1565.6	.006	11	.60	.006	.13	9.9	.32	605	23.4	.21	3.1	.13
STANDARD DS2	14.60	129.53	30.23	173.8	258	38.6	13.6	854	3.32	61.0	21.9	207.8	3.4	31.0	11.35	10.27	11.18	84	.58	.086	14.4	184.9	.66	156.7	.121	4	1.92	.039	.17	7.8	2.08	259	2.4	1.92	6.4	.02

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: ROCK Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 19 1999 **DATE REPORT MAILED:** Aug 25/99 **SIGNED BY** ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data ✓ FA ____

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-171.

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 4/#42 File # 9902982

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99R03073	5.17	91.63	3.79	113.0	232	23.8	3.8	114	1.54	6.3	.3	35.9	1.2	17.6	.16	.49	.17	22	.01	.015	1.8	29.3	.06	427.9	.002	4	.43	.005	.21	5.6	.07	756	3.4	.09	1.8	.11
99R03074	4.40	83.74	3.30	253.5	62	29.0	4.1	124	3.32	1.1	.4	9.3	.7	14.3	.48	.34	.13	21	.01	.019	1.4	38.1	.10	425.4	.002	2	.46	.005	.08	14.0	.05	66	.8	.06	1.9	.03
99R03075	4.46	57.51	3.84	123.2	22	29.5	4.1	132	1.92	.7	.2	16.7	.9	10.0	.15	.25	.12	25	.01	.011	1.7	43.1	.24	223.3	.002	2	.65	.002	.08	9.7	.04	47	.5	.07	2.7	.01
99R03076	7.19	163.42	8.26	160.7	384	65.1	5.5	291	2.13	6.4	1.7	5.8	3.4	78.9	1.97	1.81	.14	83	.71	.205	8.3	28.0	.28	743.0	.003	11	.83	.005	.36	2.1	.10	455	7.9	.13	2.9	.03
99R03077	1.38	78.46	6.80	122.5	91	34.6	12.0	130	2.34	4.5	2.2	6.5	9.7	70.6	.44	.48	.35	74	.78	.338	16.5	42.2	1.17	871.6	.017	18	2.79	.010	.97	.2	.27	124	.7	.04	8.5<	.01
99R03078	3.82	94.60	4.43	45.3	31	6.9	.6	33	2.10	3.0	<.1	11.7	.7	15.9	.06	.56	.15	27	.01	.021	1.2	29.6	.03	200.3	.002	3	.37	.002	.11	8.6	.04	47	.9	.08	1.9<	.01
99R03079	4.80	27.53	2.87	7.9	40	9.1	.5	44	.60	1.6	.1	13.0	.6	22.1	.02	.37	.35	11	.01	.011	1.2	35.7	.02	228.5	.001	2	.25	.002	.07	11.8	.05	105	.6	.05	.8<	.01
99R03080	3.37	38.78	3.80	28.0	35	7.8	.9	44	1.65	2.5	.3	18.2	.8	8.1	.03	.58	.15	20	.01	.015	1.1	33.9	.02	198.3	.001	2	.31	.002	.08	12.5	.02	164	.7	.08	1.4	.02
RE 99R03080	3.42	39.88	3.82	29.3	37	7.5	.9	44	1.67	2.6	.3	19.8	.8	8.1	.04	.56	.12	20	.01	.015	1.1	36.9	.02	198.5	.002	2	.31	.002	.08	12.4	.02	152	.7	.09	1.3	.02
99R03081	5.38	55.20	2.87	40.0	73	23.0	3.5	91	1.24	.8	.1	10.9	.6	7.8	.08	.34	.10	15	.01	.004	1.1	46.3	.07	352.7	.001	2	.34	.002	.06	14.4	.02	91	.6	.05	1.5	.02
99R03082	3.02	77.33	4.76	55.7	24	16.6	1.2	28	4.00	4.1	.3	8.8	1.0	6.5	.05	.46	.13	32	.01	.044	.9	37.9	.02	118.5	.002	2	.33	.001	.07	5.9	.02	94	1.3	.08	2.3	.02
STANDARD DS2	14.60	129.53	30.23	173.8	258	38.6	13.6	854	3.32	64.0	21.8	207.8	3.4	31.0	11.35	10.27	11.18	84	.58	.086	14.4	184.9	.66	156.7	.121	4	1.92	.039	.17	7.8	2.08	259	2.4	1.92	6.4	.02

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: ROCK Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 19 1999 DATE REPORT MAILED: Aug 25/99 SIGNED BY..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data F FA ___

[redacted]CME [redacted]LYT[redacted] LA[redacted]ATOR[redacted] LTD [redacted] [redacted] E. HASTINGS ST. VANCOUVER BC V6A 1R6 [redacted] PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 5/#43 File # 9902983

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99R03083	10.23	91.16	47.31	175.2	563	116.9	14.6	218	2.79	17.3	7.2	26.3	8.9	106.1	1.57	6.08	2.26	317	1.11	.387	17.0	66.7	2.07	667.6	.115	3	2.52	.106	.85	1.9	1.26	16	5.6	.21	10.5	.40
99R10284	9.94	89.73	18.46	72.0	368	53.2	5.4	146	1.74	17.5	1.9	36.7	4.1	108.3	.61	5.35	1.97	230	.83	.056	12.0	69.7	.97	266.3	.159	3	2.19	.208	.53	4.1	.79	8	4.3	.06	9.8	.28
99R10285	6.45	71.36	25.77	80.9	403	38.1	4.8	232	1.09	44.3	2.6	8.8	4.1	170.1	.86	9.43	3.12	108	3.42	.395	11.5	27.1	1.17	82.8	.071	1	1.18	.058	.07	2.1	11	18	1.5	.22	5.2	.01
99R10286	4.66	45.31	37.31	45.3	405	10.6	2.1	114	1.96	5.6	1.6	13.7	4.2	10.5	.31	1.36	.88	60	.16	.088	8.8	31.5	63	277.1	.015	2	1.00	.011	.91	1.3	.23	13	2.9	.11	3.7	.21
99R10287	2.41	52.21	37.31	110.0	492	33.5	10.2	177	2.13	32.3	1.4	18.5	5.4	23.9	1.31	3.22	1.78	60	.21	.072	9.1	46.9	1.22	286.6	.072	3	1.70	.032	.65	3.2	.65	11	2.1	.06	6.9	.13
99R10288	1.96	46.58	17.17	67.8	236	27.1	7.1	134	1.58	13.9	.7	5.5	6.5	24.7	.92	5.29	.77	40	.17	.025	13.6	38.5	.99	307.4	.033	1	1.57	.051	.65	3.0	.62	<5	.9	.05	6.3	.19
99R10289	1.73	50.27	28.68	50.0	379	12.2	4.2	109	2.26	9.3	1.0	4.9	5.7	8.0	.47	3.69	1.05	48	.03	.024	16.9	42.8	1.11	332.9	.053	4	1.58	.018	.21	2.2	.81	7	1.5	.06	6.0	.16
99R10290	2.45	73.34	45.95	106.6	488	60.5	13.6	619	3.47	17.2	.8	11.6	6.5	86.6	1.26	5.75	2.56	70	1.87	.023	12.2	65.1	2.73	165.1	.152	4	3.06	.229	.47	1.7	1.12	19	5.3	.11	12.0	.68
99R10291	1.45	62.69	42.82	136.6	421	54.4	12.4	426	2.67	31.4	1.2	14.6	6.4	129.5	1.22	7.03	2.09	98	1.82	.100	9.0	74.5	2.48	249.5	.180	4	3.58	.356	.68	1.8	1.17	28	6.4	.09	11.2	.72
99R10292	2.49	68.62	53.23	184.9	575	62.3	12.6	379	2.76	22.8	1.4	16.8	6.6	118.8	1.74	9.88	2.38	100	1.68	.034	9.2	74.9	2.29	243.0	.201	4	3.70	.414	.71	1.6	1.53	60	8.4	.09	11.8	.55
99R10293	8.88	56.67	46.77	199.1	541	63.0	12.3	326	2.24	24.7	3.6	5.3	7.0	90.0	1.77	7.33	2.22	107	1.19	.031	7.4	67.5	1.99	258.7	.182	4	2.86	.293	.78	2.2	1.54	36	5.9	.07	11.5	.57
99R10294	5.26	61.74	25.64	86.6	396	51.3	7.8	163	2.14	41.9	3.1	15.2	5.5	59.2	.73	6.51	1.35	274	.57	.100	7.6	72.4	1.20	427.2	.066	4	1.81	.099	.68	3.9	.98	27	4.0	.09	8.3	.41
99R10295	4.71	92.34	32.96	250.5	607	60.4	12.3	559	2.90	34.8	2.2	36.0	5.2	57.7	2.17	7.28	2.26	112	1.36	.042	10.6	66.5	2.55	273.0	.103	4	2.31	.098	.53	2.8	.87	48	5.8	.10	10.0	.51
99R10296	53.26	37.69	14.01	244.6	508	148.2	10.2	357	2.14	190.5	19.2	480.0	5.1	31.9	2.10	13.40	5.32	1201	2.71	.049	16.4	74.8	2.39	214.5	.067	4	1.80	.014	.39	2.9	.62	80	2.7	.54	8.0	.26
99R10297	1.93	56.90	40.99	130.5	487	30.3	8.0	327	2.53	13.9	.9	19.2	4.8	23.7	1.43	4.02	1.39	56	.52	.038	11.2	48.4	1.49	325.5	.087	2	1.79	.053	.68	2.6	.69	16	2.2	.08	7.5	.50
99R10298	3.37	57.28	72.08	163.1	560	24.9	7.1	164	2.22	28.6	.9	9.4	4.0	8.8	2.13	3.00	1.20	55	.10	.035	9.5	47.5	1.04	263.5	.069	3	1.36	.022	.58	3.3	.63	21	2.6	.07	5.8	.40
99R10299	4.00	134.22	33.34	85.4	1070	37.5	9.3	195	4.82	17.7	.9	32.2	4.0	76.7	.59	4.14	3.76	59	.15	.019	5.7	60.9	1.17	65.8	.114	2	1.61	.051	.70	4.6	B2	16	7.7	.21	7.4	2.02
99R10300	2.98	44.33	27.06	90.1	309	26.1	6.5	168	1.71	15.1	1.3	7.5	6.2	64.9	.70	4.12	.75	57	.11	.018	11.3	66.9	1.29	473.7	.117	3	1.69	.044	.87	3.7	.72	13	1.1	.07	7.4	.17
RE 99R10300	2.97	44.17	27.78	88.7	312	26.3	6.4	165	1.69	14.9	1.3	6.6	6.0	63.1	.70	4.16	.71	56	.11	.018	11.2	70.0	1.31	481.1	.119	4	1.70	.045	.86	3.9	.73	8	1.1	.07	7.3	.18
99R10301	3.60	64.42	34.17	84.7	441	14.1	5.2	217	2.06	8.2	1.9	26.1	4.8	28.1	.80	2.54	.83	40	.20	.026	10.7	45.3	1.04	400.8	.043	3	1.62	.043	.46	4.7	.44	8	2.6	.12	5.9	.29
99R10302	7.77	64.17	38.07	52.0	505	17.1	5.0	149	2.01	12.1	3.8	16.0	4.7	37.9	.55	4.30	1.21	80	.32	.119	12.1	48.8	85	407.7	.031	3	1.37	.026	.19	4.0	.42	7	2.5	.10	5.9	.27
99R10303	5.60	54.52	28.48	53.2	458	11.7	3.5	152	2.45	11.3	1.9	32.5	4.5	15.2	.29	3.73	1.05	61	.14	.040	9.9	42.1	84	329.9	.075	3	1.30	.022	.09	3.6	.36	11	2.7	.10	7.6	.19
99R10304	6.40	73.75	26.86	66.0	499	25.9	6.1	122	2.57	21.0	3.8	24.2	4.3	49.5	.49	3.80	.86	101	.49	.234	13.2	52.8	82	416.7	.030	2	1.31	.012	.15	2.8	.33	11	1.8	.11	6.7	.20
99R10305	2.83	48.96	10.21	77.1	246	18.1	6.9	145	2.01	71.4	1.5	16.4	4.3	9.0	.67	1.68	2.15	53	.06	.025	10.9	45.5	.91	348.4	.051	2	1.71	.012	.18	3.0	.31	9	1.3	.08	3.9	.07
99R10306	4.15	68.27	17.99	74.1	246	32.9	9.6	207	2.50	42.1	1.8	19.9	5.4	69.9	.44	1.80	.76	76	.46	.055	10.3	68.3	1.31	475.1	.131	2	2.11	.103	.76	2.9	.63	11	2.3	.11	8.0	.39
99R10307	2.29	47.24	15.64	43.0	154	19.5	5.3	162	2.07	38.1	1.1	12.7	4.7	35.4	.27	1.58	.89	55	.25	.022	9.2	51.4	1.15	395.4	.100	2	1.63	.061	.58	3.1	.50	7	2.1	.09	5.9	.15
99R10308	2.68	68.02	23.75	97.9	249	58.3	12.1	209	2.36	62.2	1.4	21.6	5.8	103.0	.63	1.99	2.28	97	1.36	.077	8.9	77.5	1.93	193.1	.217	3	2.31	.135	1.13	2.1	.94	9	4.1	.15	11.1	.38
99R10309	2.55	74.50	27.99	93.5	279	68.7	11.8	296	2.42	260.0	1.7	17.6	6.6	200.2	.76	2.41	15.21	68	2.22	.024	11.7	67.1	2.02	379.2	.209	3	1.15	.305	.73	2.9	.89	11	5.8	.21	11.1	.47
99R10310	2.45	12.47	28.40	90.6	76	9.8	8.6	643	3.01	6.2	2.9	1.3	17.3	90.1	.23	.95	.47	70	.51	.092	29.3	30.2	.93	530.6	.329	2	1.81	.198	.14	4.3	.46	10	.2	.02	7.8	.01
99R10312	3.67	24.35	15.50	75.8	80	12.1	10.4	397	3.21	3.6	3.6	4.8	13.6	133.2	.13	3.25	.33	85	.75	.129	17.1	53.1	1.21	932.6	.338	3	2.07	.116	.91	1.9	.31	11	1.3	.10	9.2	.03
99R10313	3.88	43.74	7.33	27.3	114	14.7	3.3	121	1.42	3.7	.4	3.9	2.4	8.4	.11	7.23	.41	22	.07	.017	9.0	32.5	56	184.5	.007	1	.61	.005	.15	9.6	.10	<5	1.3	.06	2.4	.03
99R10314	3.60	26.59	23.17	276.7	378	20.7	8.7	548	3.38	5.8	4.5	16.5	14.4	61.8	1.60	1.00	.15	97	.51	.111	25.7	60.9	1.29	697.1	.237	2	1.81	.065	.11	3.5	.29	25	1.7	.18	7.1	.09
99R10316	4.20	54.27	34.34	138.8	297	12.1	7.0	355	2.88	259.6	4.6	16.3	17.7	177.5	1.37	1.77	8.00	65	.81	.093	28.3	42.8	1.00	763.5	.319	2	2.71	.147	.64	3.5	.55	<5	3.6	.11	9.7	.13
STANDARD DS2	14.55	129.64	28.98	171.9	250	38.4	13.0	853	3.32	67.4	21.0	203.9	3.5	31.2	11.51	10.11	11.48	84	.57	.085	14.3	175.5	.64	151.9	.118	2	1.86	.039	.17	7.5	1.98	251	2.4	1.51	6.3	.01

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: ROCK Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 19 1999 DATE REPORT MAILED: Aug 25/99 SIGNED BY ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data FA

[redacted] ACME ANALYTICAL LABORATORIES LTD. [redacted] ST. [redacted] BC [redacted] [redacted] NE([redacted]253 [redacted]8 F[redacted]504) [redacted]
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 6/#44 File # 9902984

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99R01066	2.54	14.79	1.22	15.2	63	12.1	2.9	73	1.33	30.4	.2	4.0	1.5	8.8	.03	.26	.12	35	<.01	.012	6.8	29.5	.01	71.9	.001	5	.26	<.001	.01	6.3	<.02	694	<.1	.02	1.1	<.01
99R01067	1.50	10.90	.79	14.7	27	8.2	1.8	71	1.02	14.1	.2	4.0	1.3	9.3	.03	.17	.06	27	<.01	.010	7.4	25.1	.01	62.5	.001	3	.19	.005	.01	6.6	<.02	679	<.1	.02	.8	<.01
99R01068	2.57	6.16	.72	13.6	26	26.2	4.1	109	1.70	5.9	.3	1.3	1.6	20.1	.04	.11	.03	76	.01	.017	7.9	46.2	.03	150.9	.001	2	.30	.001	.02	5.2	<.02	738	<.1	.03	1.3	<.01
99R01069	1.45	3.49	.25	11.7	16	17.4	4.1	93	1.77	5.4	.3	.9	2.0	7.9	.03	.06	.02	50	.02	.017	8.6	33.0	.09	74.0	.001	1	.34	.001	.01	6.0	<.02	192	<.1	<.02	1.5	<.01
99R01070	1.13	55.48	1.72	96.6	41	11.2	35.1	850	6.94	4.4	.4	2.3	2.5	52.4	.07	.03	.03	159	2.03	.291	29.1	5.9	3.71	293.3	.411	4	3.51	.044	.07	.5	.03	14	.3	.03	18.7	.06
99R01071	2.56	39.79	10.09	116.6	249	35.8	13.8	333	5.76	5.2	.3	2.0	1.8	13.6	.19	.26	.24	101	.28	.079	15.4	77.3	2.17	148.1	.010	3	2.59	.005	.07	.4	.07	73	.4	.06	12.7	.01
99R01072	.67	93.46	2.03	73.2	43	32.5	36.1	863	6.56	5.9	.3	2.2	1.6	96.5	.11	.03	.03	216	3.44	.175	19.3	29.5	3.84	1103.7	.532	6	4.17	.042	.11	.4	.02	7	<.1	.03	16.5	<.01
99R01073	.39	69.62	1.05	69.9	63	58.2	22.9	637	3.65	7.2	.2	.9	1.0	39.2	.14	.74	.03	115	3.13	.079	8.7	115.5	2.61	772.0	.347	18	3.80	.034	.04	.9	<.02	<5	<.1	.03	9.3	<.01
99R01074	.52	126.31	1.11	96.0	43	126.6	45.4	1047	6.84	2.9	.3	<.2	1.7	48.7	.65	.02	.06	245	1.35	.130	21.2	150.2	6.42	4822.2	.816	9	4.61	.066	.13	<.2	.07	11	<.1	<.02	14.3	<.01
99R01075	.77	17.25	2.87	75.7	27	3.1	21.9	809	5.42	2.7	.2	1.3	2.2	54.0	.03	.03	.03	82	2.21	.196	19.7	7.6	2.35	104.3	.335	1	2.47	.046	.02	2.2	.02	11	<.1	.02	12.9	<.01
RE 99R01075	.79	18.45	2.85	77.6	21	3.3	22.4	835	5.51	2.5	.2	.8	2.1	47.3	.05	.03	.02	85	2.27	.199	20.3	9.9	2.13	104.7	.304	4	2.24	.043	.01	2.4	<.02	<5	<.1	.02	12.4	<.01
99R01076	.43	75.67	1.20	45.9	39	93.9	26.5	688	4.18	4.8	.2	.7	.9	78.5	.08	.03	.02	124	4.73	.081	10.1	99.1	3.37	3749.5	.451	7	3.67	.035	.11	.3	.02	<5	<.1	.03	9.2	<.01
99R01077	2.38	57.18	6.32	31.4	203	14.4	3.8	92	2.49	3.8	.3	21.1	1.5	5.5	.04	.56	.11	19	.04	.013	6.7	19.5	.29	214.1	.005	2	.63	.003	.12	4.2	.03	254	4.8	.05	2.4	.84
99R01078	4.38	35.40	8.57	6.8	52	9.8	2.9	70	3.03	24.4	.3	19.1	.6	10.0	.03	1.13	.14	31	.04	.017	3.8	34.4	.18	52.1	.003	<1	.38	.007	.02	5.5	.07	<5	5.2	.21	2.9	.02
99R01079	2.44	61.40	4.06	6.1	129	8.3	3.8	90	3.97	4.8	.2	13.2	1.5	19.5	.02	2.02	.49	21	.06	.021	11.8	28.0	.28	375.2	.002	<1	.41	.010	.30	8.0	.10	138	12.3	1.24	2.3	.50
99R01080	1.10	82.38	4.02	104.5	117	51.0	52.5	809	8.55	4.5	.2	8.0	1.3	52.9	.12	.63	.05	321	2.80	.196	26.2	72.4	5.38	190.7	.410	1	3.96	.031	.05	<.2	.07	24	1.0	.03	19.9	.60
99R01081	4.38	98.96	4.36	25.3	88	19.1	4.8	216	2.45	3.0	.2	.8	1.0	11.2	.09	.52	.16	41	.06	.022	4.0	39.2	.04	96.2	.003	2	.25	.001	.01	9.6	.02	57	.6	.08	.9	.02
99R01082	.72	119.21	1.97	82.8	68	86.3	44.9	996	7.32	3.5	.2	2.7	1.5	78.5	.08	.08	.03	288	3.22	.191	23.3	97.8	6.65	2766.3	.532	2	4.66	.031	.17	<.2	.03	12	<.1	.02	17.9	<.01
STANDARD DS2	13.87	123.59	31.13	173.8	231	38.7	13.7	862	3.32	66.8	22.0	209.3	3.7	37.3	11.15	10.35	11.41	86	.58	.086	14.9	183.3	.65	156.7	.121	2	1.90	.042	.16	7.9	2.00	278	2.6	2.03	6.4	.02

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: ROCK Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 19 1999 **DATE REPORT MAILED:** Aug 26/99 **SIGNED BY** C. Leong ..D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data ✓ FA ___

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 1/#45 File # 9902985 Page 1

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99R10332	.89	54.90	34.32	54.5	387	11.6	45.0	1169	3.48	15946.0	4.0	233.6	10.8	152.7	.79	43.33	2.97	43	12.62	.031	25.9	13.2	1.75	14.0	.001	3	.49	.012	.06	2.4	.12	252	2.2	1.17	1.6	.60
99R10333	4.03	9.69	25.10	34.6	105	7.2	10.2	255	1.58	1531.8	11.7	19.1	44.9	249.1	.12	5.42	.67	39	1.23	.115	36.8	26.5	.63	191.5	.149	5	1.10	.124	.34	2.9	.26	12	.4	.13	4.5	.05
99R10334	2.92	15.66	27.23	41.4	111	6.9	15.2	286	1.84	992.8	15.5	10.1	49.2	65.4	.14	5.44	.22	48	1.33	.118	40.2	29.3	.65	118.8	.171	4	1.02	148	.42	4.5	.31	14	.3	.08	4.5	.04
99R10335	2.60	5.66	17.15	25.8	223	15.4	311.1	1149	4.26	54858.2	8.5	742.1	41.9	110.2	.10	42.03	8.47	46	7.80	.075	310.5	25.9	1.59	33.9	.023	2	.74	.027	.11	2.4	.14	519	3.7	2.26	2.1	.83
99R10336	3.62	27.73	29.94	52.6	88	6.1	8.8	336	2.27	134.1	13.9	6.2	48.4	51.8	.08	3.05	.12	60	.81	.118	36.2	31.3	.72	157.9	.236	3	1.19	130	.61	4.5	.52	15	.2	.03	5.6	.01
99R10337	4.36	20.70	22.85	40.0	76	8.5	15.2	456	2.18	1202.1	12.3	27.2	44.3	62.7	.11	5.07	.41	52	2.24	.107	37.5	32.3	.78	121.5	.182	4	1.04	.108	.48	4.4	.44	44	.1	.16	5.2	.03
99R10338	2.85	19.01	23.94	41.2	78	7.1	10.7	284	2.08	1014.1	11.3	9.0	45.0	48.4	.09	4.46	.22	53	.76	.116	34.3	30.0	.78	137.0	.190	5	1.14	.115	.61	4.0	.49	7	.3	.09	5.7	.03
99R10339	1.93	6.14	9.21	14.3	121	6.3	23.1	206	1.97	15684.6	12.4	215.7	60.4	87.1	.07	18.99	6.02	46	4.75	.162	16.2	29.0	.56	51.1	.010	3	.85	.050	.15	2.0	.07	18	3.3	1.09	3.2	.64
99R10340	8.90	22002.65	220.19	820.6	99999	7.4	18.1	1309	9.21	13287.5	8.6	359.2	19.3	177.9	6.96	230.72	176.16	24	4.43	.051	33.4	14.3	1.52	76.2	.007	2	.62	.009	.15	3.1	1.00	1343	6.2	.38	2.5	3.28
99R10341	58.04	51407.18	724.80	1297.2	99999	20.9	370.2	542	23.55	99999.0	4.9	4400.0	2.7	19.4	13.25	843.70	636.60	6	1.09	<.001	7.2	15.3	.32	35.9	.002	<1	.25	.005	.06	2038.4	1.00	3899	49.8	16.87	1.3	9.41
99R10342	1.89	347.79	30.29	58.2	2391	9.8	15.1	1125	5.29	800.1	4.6	19.3	14.7	307.4	.20	22.10	3.18	47	8.94	.067	28.9	23.2	2.79	65.2	.007	2	.50	.008	.05	11.1	.35	684	.4	.09	1.4	.58
99R10348	3.50	252.42	25.43	33.8	1402	13.1	66.6	675	2.43	10456.3	6.4	186.9	25.8	147.6	.26	23.10	15.56	47	5.72	.115	33.5	27.4	.76	96.3	.019	2	1.12	.029	.12	81.9	.22	142	1.5	.70	4.1	.26
99R10349	3.05	21.04	30.17	35.4	224	7.8	14.1	243	1.33	988.2	9.2	16.0	34.5	94.0	.21	4.18	1.05	38	1.33	.142	41.0	24.5	.77	208.9	.139	3	1.08	.139	.28	4.7	.19	24	.3	.09	4.0	<.01
99R10350	5.20	13.05	12.19	22.4	196	7.9	13.0	232	1.35	899.8	8.0	37.4	30.7	65.2	.11	5.92	7.86	53	2.91	.143	24.8	36.7	.54	70.3	.073	3	.74	.071	.18	4.0	.22	77	.1	.09	3.5	.04
RE 99R10350	5.33	12.94	12.55	22.9	200	7.8	13.2	233	1.36	905.3	8.2	39.1	32.0	66.6	.12	6.14	8.24	54	2.96	.145	26.1	36.2	.56	73.1	.078	3	.77	.075	.19	3.8	.23	83	<.1	.07	3.6	.04
99R10351	2.82	42.76	19.36	33.2	224	9.2	15.3	289	1.97	649.9	8.5	7.7	30.2	70.2	.14	6.38	.96	53	1.73	.135	37.2	36.2	1.00	192.3	.176	3	1.24	.096	.44	2.9	.39	13	.3	.05	5.6	.04
99R10352	3.72	17.86	18.57	28.6	150	9.6	13.4	299	1.54	584.1	9.0	6.3	30.9	99.4	.11	4.68	.67	41	2.05	.136	33.9	25.6	.67	144.9	.142	3	.98	.087	.33	3.0	.23	9	.3	.05	4.1	.03
99R10354	3.11	98.26	18.12	55.7	443	9.8	11.7	548	2.79	154.3	10.3	2.5	33.4	114.6	.23	3.88	.48	69	2.06	.135	37.7	39.0	1.04	174.6	.181	3	1.26	.106	.54	3.4	.49	64	<.1	.02	5.7	.09
99R10355	8.48	50.17	20.99	66.0	247	10.9	19.1	422	2.30	2041.3	13.1	18.4	33.0	84.8	.34	8.23	1.47	61	1.72	.140	37.4	39.4	.91	157.7	.168	3	1.12	.105	.49	3.2	.39	42	.3	.17	5.0	.09
99R10356	2.47	26.28	22.27	37.3	179	6.9	8.7	294	1.86	99.8	9.0	1.0	31.5	60.0	.16	2.66	.26	55	1.06	.141	38.9	31.3	.87	138.0	.180	3	1.08	.093	.45	8.5	.30	27	<.1	.02	5.2	<.01
99R10357	3.05	55.40	20.95	107.8	166	10.1	12.2	338	2.24	229.4	10.4	1.7	33.1	84.8	.26	2.39	25	60	1.23	.143	35.6	34.1	.91	168.9	.214	4	1.22	.122	.52	4.4	.35	31	<.1	.02	5.4	.02
99R10359	1.61	1287.26	10.91	243.8	1511	21.7	64.5	1297	3.14	173.3	2.3	1.2	11.4	186.9	1.38	6.97	.32	135	4.66	.153	36.8	63.5	1.27	508.3	.387	3	2.11	.203	1.12	12.1	.73	16	.2	.04	8.3	.04
99R10360	3.52	132.45	3.14	7.2	406	11.2	4.6	81	.53	481.7	.2	26.8	.7	14.1	.06	2.82	1.38	9	.69	.012	2.8	26.6	.09	32.8	.004	1	.15	.005	.06	9.4	.06	5	2	10	6	.03
99R10361	1.18	247.54	3.92	44.3	457	324.9	55.9	210	2.95	330.6	.3	2.5	1.3	159.2	.14	12.54	.35	108	1.88	.096	7.2	390.2	2.63	511.1	.167	7	3.03	126	.92	1.2	.92	6	.5	.05	9.6	.23
99R10362	2.02	64.85	13.33	36.1	134	31.8	25.5	241	2.40	664.5	2.4	2.8	9.8	421.1	.17	7.09	.33	86	3.22	.178	28.4	45.9	1.09	557.7	.256	6	3.97	.482	1.10	1.5	.73	8	.2	.13	11.9	.06
99R10364	2.87	633.70	9.14	13.5	870	17.1	5.9	310	1.51	578.8	.5	5.0	1.5	46.0	.15	10.97	1.79	18	2.30	.034	2.3	25.4	.50	42.0	.006	2	.26	.009	.02	6.0	.15	35	6	.09	7	.12
99R10365	4.86	1368.89	3.34	19.6	987	33.6	9.2	260	1.60	304.1	.3	1.1	1.1	16.8	.16	11.19	.38	45	1.66	.043	2.3	62.3	.63	66.2	.022	7	.45	.011	.22	6.3	.20	28	9	.08	1.5	.11
99R10366	3.81	257.82	2.60	16.3	86	47.0	20.4	118	4.66	165.9	.8	2.1	1.4	63.8	.02	5.44	.23	222	1.04	.271	8.0	80.4	1.44	801.3	.195	1	2.42	.123	.77	1.8	.77	8	2.0	.67	8.9	.53
99R10369	1.66	83.65	30.17	41.7	296	14.5	6.6	271	1.48	22.7	1.0	<.2	8.2	75.4	.31	4.89	.70	21	1.25	.070	19.5	28.3	.63	140.7	.166	2	1.39	.159	.33	3.5	.27	5	.4	.03	5.6	.06
99R10370	.66	292.66	20.97	58.1	534	11.1	6.4	270	1.10	146.1	1.0	< 2	8.6	151.0	.46	4.72	2.46	17	2.08	.074	18.0	20.9	.46	185.1	.133	5	2.10	.243	.25	2.9	.12	11	.3	.07	6.3	.69
99R10372	1.25	337.07	28.15	45.6	6549	13.4	6.4	527	3.74	104.8	1.2	.5	6.1	187.4	.35	68.92	1.89	40	6.80	.087	46.0	25.1	2.32	92.9	.006	1	.42	.006	.07	2.5	.18	279	1.3	.03	1.5	.12
99R10373	3.40	12.62	27.27	53.6	144	18.1	9.5	290	1.68	59.9	1.2	<.2	17.2	73.6	.43	8.13	.98	54	.93	.142	20.5	51.2	.72	343.1	.167	3	1.91	121	.51	2.1	.26	9	1	.02	1.4	.01
99R10374	3.71	39.44	24.46	21.6	143	8.6	4.1	125	1.77	13.9	4.4	<.2	21.9	91.4	.09	4.01	.30	46	.83	.141	14.1	38.4	.58	228.1	.190	3	1.01	.145	.50	2.6	.27	7	1.3	.04	4.1	.12
99R10376	2.81	29.83	11.08	64.4	109	15.0	13.5	282	2.55	23.9	5.6	<.2	20.2	122.0	.07	1.45	<.02	83	1.01	.125	26.6	38.4	1.04	326.3	.302	8	2.04	.221	1.20	3.8	.72	<5	7	.03	7.5	.05
99R11357	3.76	19.14	16.71	39.2	96	7.8	7.3	383	2.00	217.1	9.4	1.7	40.1	132.8	.13	3.61	.25	47	1.97	.087	35.1	30.5	.59	136.3	.112	4	.86	.076	.42	3.6	.35	20	<.1	.03	4.0	.05
STANDARD OS2	15.16	135.19	30.99	170.7	263	38.6	14.0	845	3.27	64.9	21.9	204.5	3.6	32.7	11.21	10.45	11.49	84	.60	.084	14.4	179.1	.64	151.0	.117	2	1.84	.041	.17	5.5	1.96	243	2.7	1.93	6.4	.02

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & /MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: ROCK Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

REVISED COPY for gold

DATE RECEIVED: AUG 19 1999 DATE REPORT MAILED: Aug 27/99 SIGNED BY. C. Leong .D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data ✓ FA ___

ACME ANALYTICAL

International Kodiak Resources Inc. PROJECT AREA 1/#45 FILE # 9902985 Page 2

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S
99R11358	1.09	13.55	19.89	23.5	189	3.8	1.3	142	.67	489.3	6.0	77.3	19.8	132.0	.43	3.23	1.01	20	3.07	.059	11.6	11.9	1.06	60.9	.001	3	.73	.013	.05	2.7	.04	112	6	.17	2.0	.02
99R11359	2.04	7.32	18.20	20.1	142	6.2	1.8	151	.64	65.2	7.8	14.8	26.3	64.1	.27	1.34	.51	27	1.72	.139	17.1	28.0	.70	26.6	.091	4	.86	.124	.06	5.0	.06	<5	.4	.09	2.8	<.01
99R11360	1.58	16.05	773.55	261.2	11341	5.1	16.9	3114	3.44	10745.7	2.1	2965.5	8.7	395.1	2.43	779.82	272.81	3	11.38	.023	4.1	12.0	5.98	77.0	<.001	3	.22	.010	.10	4.9	.22	1223	5.4	2.26	.8	2.04
99R11361	2.51	23.05	878.46	215.6	9783	14.2	11.4	4378	4.31	3754.5	5.8	315.1	18.6	165.0	1.54	1055.67	20.97	39	7.58	.054	19.9	36.7	3.28	70.7	.001	3	.54	.005	.07	2.1	.36	1526	2.6	.55	1.7	2.14
99R11362	2.46	120.07	5939.90	5434.0	61743	24.8	25.4	10892	11.03	16755.8	2.0	1229.7	4.0	120.5	64.96	6492.85	97.80	6	7.56	.025	3.9	24.0	3.62	33.2	.001	4	.20	.006	.10	6.9	1.10	2158	6.2	1.57	1.0	12.21
99R11363	1.64	11.33	73.71	120.4	3723	10.6	5.1	3298	2.73	725.7	5.0	52.8	20.7	155.8	.97	63.26	1.41	48	7.11	.067	15.5	60.1	2.81	85.3	.001	3	.58	.005	.06	1.3	.25	1160	1.2	.36	1.7	.20
99R11364	3.18	17.12	48.62	59.5	676	7.9	9.2	274	1.05	33.1	7.7	17.2	21.4	82.6	.29	27.86	.74	18	.60	.069	29.6	24.4	.11	79.8	.002	3	.64	.006	.07	5.7	.20	1802	<.1	.05	1.8	.10
99R11365	2.03	14.66	23.74	34.3	173	7.6	5.3	316	1.55	59.0	6.8	6.5	33.0	98.8	.22	4.94	.33	62	2.20	.124	26.1	37.0	.62	125.6	.165	3	1.06	.141	.32	4.0	.29	30	.2	.12	4.0	<.01
99R11367	2.98	6.26	26.63	24.2	813	6.1	9.8	1196	2.15	5913.8	5.6	52.3	15.0	381.7	.38	15.85	9.80	29	9.97	.083	26.2	21.1	4.59	70.7	.004	2	.45	.010	.07	2.9	14	146	3.0	.75	1.3	.41
99R11368	1.38	1317.29	8.57	55.9	659	191.0	54.5	182	4.28	493.8	.6	14.4	2.0	551.8	.35	4.04	.72	174	3.37	.186	14.3	96.4	3.04	110.1	.159	5	5.13	.406	1.21	.7	1.11	27	4.1	.44	13.2	1.31
99R11369	3.86	805.22	67.73	28.7	5291	11.8	4.0	173	1.30	3977.0	.2	40.5	.6	37.0	.41	45.26	26.25	5	1.74	.040	2.9	29.8	.59	11.8	.001	2	.10	.006	.04	33.0	.22	79	1.4	.29	.3	.32
99R11371	3.68	815.55	5.03	22.4	327	67.6	34.1	102	2.92	496.5	.4	1.8	1.8	159.6	.13	11.22	.86	170	1.20	.176	8.5	87.2	2.04	389.6	.236	3	3.38	.192	1.10	4.8	.93	22	2.1	.26	11.0	.69
99R11372	3.37	17.76	30.91	45.6	145	6.8	7.4	343	2.23	40.1	14.3	5.3	46.8	67.4	.21	2.48	.36	62	1.24	.099	39.4	42.3	.78	157.6	.194	5	1.09	.128	.52	9.3	.51	39	<.1	.13	4.9	<.01
99R11373	2.48	16.81	17.98	36.9	129	10.0	6.3	212	1.49	94.1	7.1	3.7	25.6	75.9	.19	3.23	.31	62	1.16	.123	23.2	38.3	.59	129.3	.204	32	1.05	.161	.43	6.2	.35	<5	.3	.09	3.9	<.01
99R11374	2.06	178.65	2222.25	3915.8	99999	1.1	2.5	63277	3.34	3166.8	1.6	1507.5	3.1	389.6	26.31	3043.00	1.84	3	11.43	.007	3.9	7.7	4.02	57.2	.001	2	.10	.008	.05	3.7	.22	1742	3.4	1.08	1.9	1.69
99R11376	14.52	15.96	109.39	26.9	27649	9.4	1.5	390	.77	71.0	2.4	162.9	3.5	58.3	.19	158.40	.85	6	.11	.012	6.0	32.2	.03	62.0	.002	3	.17	.003	.10	9.4	2.37	8192	.3	.05	1.1	.35
99R11377	3.86	41.68	40.65	78.8	1071	8.8	9.4	934	2.63	19.0	16.4	13.5	45.8	68.5	.38	23.25	.12	50	1.89	.102	48.4	37.6	.78	111.8	.122	1	.83	.047	.32	6.4	.37	1112	.4	.14	3.6	.05
99R11378	3.74	49.25	7.46	15.7	260	9.5	1.0	346	1.71	51.7	5.6	10.6	50.8	60.1	.18	5.81	.37	47	3.27	.118	19.7	45.8	.73	28.5	.007	2	.92	.025	.07	9.8	.09	45	.2	.12	3.1	<.01
99R11380	5.49	5.82	34.55	11.1	541	2.0	.5	53	.42	231.2	3.8	10.9	9.1	59.5	.05	33.47	.40	7	.05	.012	7.0	18.2	.02	34.2	.001	1	.53	.003	.02	5.4	.31	1953	<.1	.03	1.5	<.01
99R11381	3.03	47.90	6445.95	3611.8	29004	<.1	1.5	79500	4.87	764.5	1.7	344.2	2.1	242.7	23.73	9232.51	1.40	5	7.46	.005	8.5	10.0	2.31	42.4	<.001	2	.15	.005	.08	3.6	.62	979	2.5	1.21	2.3	.89
RE 99R11381	2.87	48.28	6492.96	3621.3	29688	.1	1.5	79734	4.91	765.8	1.6	331.6	1.9	236.2	23.51	9265.65	1.31	5	7.50	.005	8.0	7.7	2.26	41.3	<.001	2	.14	.004	.08	3.4	.49	945	2.4	1.08	2.5	.81
99R11383	2.04	23.34	29.88	63.0	779	8.4	7.2	785	2.50	19.7	5.8	449.6	19.7	104.0	.51	17.58	.34	55	1.51	.101	33.0	32.5	.74	309.3	.183	1	1.35	.123	.50	6.4	.24	259	<.1	.10	6.3	<.01
99R11384	6.31	263.18	106.97	51.5	1885	9.0	4.3	1205	2.56	438.0	12.6	19.2	35.5	201.1	.51	103.94	1.81	20	4.30	.064	24.3	22.6	1.95	48.9	.001	3	.66	.008	.10	2.7	.41	1126	.7	.20	2.3	.49
99R11385	2.77	13.31	37.06	59.8	204	8.8	9.8	930	3.14	64.3	9.9	107.3	25.4	254.2	.41	13.00	.17	43	6.89	.029	23.6	25.6	2.96	198.0	.002	1	.58	.007	.01	1.6	.08	611	1.4	.30	1.9	.03
99R11386	1.45	105.62	7.99	31.3	182	300.3	47.9	379	4.24	739.9	.4	5.4	1.3	209.0	19	16.10	.45	138	2.18	.081	7.7	257.8	3.70	1069.7	.338	9	3.84	.257	1.22	.9	1.05	27	2.0	.30	9.0	.38
99R11388	2.86	15.94	33.29	50.5	444	7.2	9.9	693	4.27	15.8	7.3	56.2	26.4	144.1	.25	46.93	.20	39	5.40	.075	31.9	20.4	2.39	35.6	.002	1	.56	.009	.02	2.5	.62	1386	1.1	.22	1.9	1.80
99R11389	2.68	15.41	25.95	31.0	222	9.4	8.1	644	2.48	1064.0	7.5	232.8	20.1	262.4	.24	9.97	4.62	41	4.27	.077	25.0	24.0	.86	152.1	.003	3	.62	.016	.06	1.8	23	127	.6	.36	2.3	.11
99R11390	1.49	58.08	1637.91	1012.4	24456	5.1	6.2	23651	3.80	56.4	3.9	61.0	12.3	193.0	6.20	1881.64	.37	31	10.60	.059	23.1	23.6	2.96	36.3	.001	3	.40	.007	.03	1.5	.22	1507	2.1	.53	1.9	.46
99R11391	1.55	7.01	34.39	32.5	278	6.8	3.8	268	.94	354.5	7.0	5.6	29.6	80.9	.37	6.49	.39	35	1.48	.139	20.7	26.8	.47	58.3	.098	2	.79	.162	.11	3.4	10	<5	.2	.06	3.0	<.01
99R12229	.31	26.24	4.87	10.3	98	10.2	4.8	2452	6.47	1.4	.2	1.3	2.0	740.2	.54	2.92	.04	<2	17.32	.025	13.7	5.2	3.28	137.5	.001	2	.15	.017	.07	.7	.02	34	2.7	.04	.5	<.01
99R12230	3.16	52916.51	15.04	84.0	9126	13.5	2.4	3637	7.18	3.6	.6	1.7	.2	49.4	.96	15.77	<.02	2	5.71	<.001	2.2	21.9	.10	111.2	<.001	1	.02	.007	.01	8.7	.03	147	3.7	.05	3	.05
99R12232	32.53	81.03	736.89	4.3	34818	90.4	854.5	1051	8.14	99999.0	3.6	10262.9	3.1	675.1	.84	788.93	1676.77	<2	13.57	.031	2.2	1.3	7.17	103.7	<.001	1	.14	.010	.06	4.4	.17	3929	20.4	31.77	.4	3.52
99R12236	1.06	39.80	7.33	9.0	379	2.8	3.1	84	.21	307.4	1.5	29.7	9.7	46.9	.10	4.33	3.67	6	2.00	.116	26.2	12.6	.10	53.8	.095	2	.19	.110	.07	2.3	.02	<5	<.1	.16	1.4	.01
99R12238	1.13	1890.31	28.32	89.1	2235	14.9	6.2	573	4.22	319.2	1.6	57.4	8.1	65.1	.90	51.28	11.35	39	5.11	.062	26.2	37.9	.70	132.4	.192	18	1.47	.059	.37	3.1	.52	57	1.2	.21	5.3	.06
99R12239	1.45	31175.55	76.28	894.9	45183	51.6	213.1	2186	7.31	2516.9	2.1	29.3	7.6	67.8	18.21	48.37	2.88	51	5.53	.043	22.8	36.2	.71	108.2	.108	4	1.30	.069	.26	3.3	.44	354	5.7	.76	4.5	.96
99R12240	1.32	4562.23	315.50	180.0	59348	18.1	20.6	402	5.15	4014.1	1.5	53.4	9.2	98.8	1.63	111.68	51.93	30	1.90	.057	18.4	31.8	.81	173.0	.156	5	1.72	.161	.36	78.0	.33	447	2.9	.43	6.1	.33
STANDARD DS2	14.46	138.01	32.54	175.6	257	40.1	12.7	871	3.33	61.1	22.7	212.4	3.6	31.3	11.83	9.95	11.60	86	.58	.086	14.3	192.5	.66	157.7	.122	2	1.92	.043	.17	7.5	2.11	257	2.6	2.05	6.4	.02

Sample type: ROCK. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data___ FA ___

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.)
852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

ASSAY CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 1/#45 File # 9902985R

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Ag** oz/t
99R10341	9.11

AG** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK PULP

DATE RECEIVED: SEP 1 1999 DATE REPORT MAILED: Sept 2/99 SIGNED BY. C. Leong ..D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data ___ FA ___

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.)
852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 1/#45 File # 9902986 Page 1

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppb	Sc ppm	Tl ppm	Ga ppm	S %
99X05301	2.26	1229.17	53.93	144.3	1852	39.9	23.4	1126	6.13	1430.0	6.3	63.1	13.1	70.8	.98	30.25	14.19	99	.44	.100	26.7	45.1	.80	330.0	.125	1	2.03	.037	.17	28.4	.57	176	.8	.14	6.8	.06
99X05302	3.46	2371.46	51.02	123.6	11157	34.6	41.2	780	8.62	3218.1	4.9	238.6	9.9	55.7	.64	28.45	16.04	159	.15	.114	30.7	38.3	1.17	3892.8	.359	1	2.52	.049	.49	11.6	1.03	78	3.8	.37	7.3	.19
99X05303	2.03	288.97	34.61	107.0	1114	37.1	22.2	787	4.13	306.3	6.8	50.9	13.1	81.7	.71	11.02	4.22	89	.57	.139	29.2	50.1	1.01	289.7	.159	3	2.45	.053	.18	23.0	.55	188	.6	.10	7.2	.03
99X05304	3.03	533.24	88.38	144.1	2759	36.4	28.7	1260	4.81	481.1	8.4	20.6	13.3	73.7	1.03	26.73	7.29	95	.70	.147	33.5	45.8	.91	228.9	.132	3	2.18	.047	.25	20.0	.47	177	.7	.14	7.4	.05
99X05305	1.26	522.17	109.86	138.3	3395	31.8	31.6	1726	5.73	861.2	5.3	22.1	10.7	73.9	1.12	29.21	12.20	69	.85	.119	33.2	35.1	.57	259.1	.063	2	1.66	.041	.14	25.7	.34	94	.7	.23	6.0	.09
99X05306	2.36	691.73	161.11	177.4	2913	64.7	45.0	1511	5.41	1977.1	3.9	50.7	13.2	78.1	1.72	49.15	17.69	82	.79	.152	40.4	47.1	.48	495.7	.042	2	1.50	.037	.25	2.0	.67	263	1.4	.40	5.0	.24
99X05307	1.54	800.37	73.05	90.6	3718	112.9	61.2	741	5.69	2994.5	2.3	173.7	5.1	125.3	.61	42.32	28.43	169	1.07	.208	24.7	103.2	2.78	2331.6	.267	1	2.72	.127	.67	16.6	.81	38	.6	.87	7.8	.05
99X05308	2.17	1080.42	81.09	132.0	8753	21.9	41.9	1034	4.88	4951.6	12.4	177.5	21.6	199.7	.88	42.85	49.25	107	.97	.189	50.4	62.1	1.35	311.1	.178	3	2.09	.064	.47	116.7	.63	141	.3	.67	7.5	.07
99X05309	2.70	549.26	88.01	161.2	5062	21.7	55.1	1394	5.09	5995.3	16.1	256.5	28.6	225.1	1.04	35.25	51.95	93	.98	.181	63.8	46.2	1.12	219.0	.126	1	1.81	.041	.33	34.2	.60	272	.2	1.01	6.8	.06
99X05310	2.92	616.28	127.02	230.6	4369	24.3	66.1	1382	4.50	5338.9	12.5	259.2	35.1	241.6	1.80	34.26	31.82	72	1.17	.220	67.7	41.5	.89	180.7	.056	1	1.82	.022	.19	39.2	.46	385	<.1	.87	6.7	.08
99X05311	2.09	193.21	55.48	87.7	1559	18.2	56.9	844	2.96	4052.7	11.0	212.1	31.7	218.3	.63	17.09	26.11	53	1.08	.184	51.1	28.4	.80	223.4	.052	2	1.50	.037	.18	39.4	.32	313	.1	.66	5.1	.07
99X10347	5.76	120.96	46.39	70.2	1504	19.9	124.1	756	7.53	50568.2	12.8	1149.9	37.9	187.8	1.03	54.94	843.57	49	4.35	.206	68.5	24.0	.68	153.3	.008	<1	1.92	.009	.10	3.5	.45	198	7.0	5.15	5.4	.35
99X10363	327.46	2041.41	7545.37	101.2	99999	1.4	21.5	187	14.11	64214.2	18.7	5924.5	13.7	152.3	2.06	2030.55	1829.05	19	.07	.051	77.1	8.8	.03	137.8	.002	<1	.15	.077	.20	10.5	1.26	5484	30.0	20.67	1.0	1.41
99X10368	2.82	10817.38	59.79	188.5	1850	29.7	31.7	334	5.11	2094.6	24.5	42.4	21.0	44.1	1.37	45.99	12.71	130	1.24	.341	75.9	61.0	.85	198.1	.072	5	3.42	.015	.48	3.9	.61	265	<.1	.16	8.2	.18
99X10367	1.64	602.77	362.96	267.8	9841	51.0	71.2	1078	5.41	2681.8	4.9	127.1	13.2	75.7	2.48	117.42	184.55	48	.97	.121	40.6	35.0	.82	246.0	.021	5	1.91	.026	.14	1.7	.63	754	.4	8.51	5.7	.08
99X10368	9.87	2037.56	515.97	214.8	33151	47.5	214.9	973	18.91	64859.8	7.6	1058.4	11.4	119.7	2.64	414.63	342.15	18	1.22	.095	28.5	11.7	.19	326.0	.013	1	.75	.013	.06	482.0	.51	468	12.1	25.77	2.7	.21
RE 99X10368	9.19	1983.51	498.04	207.9	32467	45.1	199.5	938	18.37	64544.2	7.2	999.4	10.7	113.8	2.46	404.57	327.37	18	1.19	.093	27.6	10.3	.18	304.8	.011	1	.71	.014	.06	487.5	.49	466	11.7	24.86	2.6	.23
99X10371	.59	278.45	46.08	116.8	1490	45.2	19.3	2914	9.60	446.6	1.6	9.1	10.8	34.7	.43	25.57	8.29	66	1.45	.083	34.5	41.3	.40	119.4	.011	1	1.59	.016	.04	3.6	.27	853	<.1	.13	5.4	.01
99X10375	2.95	965.40	111.84	157.8	6281	73.1	27.6	2117	9.36	1851.8	9.4	108.5	16.1	17.9	1.47	68.05	40.32	91	.57	.133	98.5	49.8	.20	132.4	.007	2	.94	.007	.04	14.9	1.14	2750	.7	.18	3.3	.01
99X11366	4.60	79.14	129.39	112.2	495	14.1	20.3	731	3.46	791.2	17.1	17.6	52.3	36.8	.86	24.87	1.93	53	.67	.197	45.3	25.2	.17	42.7	.009	<1	.98	.008	.04	.8	.25	48	<.1	.06	2.8	.01
99X11370	3.19	1195.35	438.07	131.9	6986	113.1	75.0	1008	7.92	7001.6	2.9	387.2	5.4	102.4	1.09	125.56	65.45	152	.89	.160	30.0	74.7	1.61	918.1	.109	2	2.40	.053	.51	56.1	1.09	87	1.7	1.74	8.4	.23
99X11375	3.49	44.17	104.34	206.3	1342	15.5	18.8	2900	4.35	222.8	13.4	76.6	55.2	46.0	.99	41.16	.49	48	1.55	.142	58.0	18.9	.28	49.9	.001	<1	.63	.006	.06	.3	1.03	1671	<.1	.03	2.0	.06
99X11379	1.03	69.78	116.40	143.3	1862	14.8	21.1	2620	3.31	1938.9	9.6	150.5	41.7	93.1	.77	61.06	4.27	43	1.26	.090	26.8	21.6	.35	150.3	.005	1	1.20	.013	.09	<.2	.43	469	<.1	.13	3.7	.05
99X11382	2.26	215.19	682.50	2108.7	15289	28.8	115.0	4240	8.86	50406.9	5.1	1473.0	24.2	192.5	5.72	1156.14	35.07	29	2.29	.072	27.0	19.3	.29	103.0	.004	1	.73	.011	.12	<.2	.82	1307	3.8	1.88	2.2	.92
99X11383	62.17	2981.93	2903.43	773.1	76521	5.1	157.1	895	19.85	65506.8	4.2	6374.0	5.8	149.3	6.98	653.11	718.08	23	.82	.025	154.1	11.3	.25	143.5	.002	<1	.33	.022	.16	1996.3	1.32	2334	36.3	9.11	1.4	3.09
99X12233	2.40	446.96	66.90	192.4	2511	28.8	53.8	2381	8.44	11219.8	14.9	187.9	41.0	59.8	.78	38.12	20.22	113	1.11	.212	78.5	42.1	.45	114.8	.023	9	1.45	.018	.14	3.7	.67	883	<.1	1.44	6.3	.02
99X12234	.34	139.34	30.75	136.9	709	43.7	33.4	1041	5.60	2732.8	2.2	50.9	18.1	44.9	.60	26.17	47.57	55	1.70	.140	40.8	44.8	.29	115.5	.006	3	1.39	.034	.09	5.4	.47	1415	<.1	2.48	4.2	.03
99X12235	.23	34.60	25.84	152.1	369	22.0	6.8	703	7.21	775.5	6.4	20.4	20.5	22.9	.79	32.07	50.72	53	1.18	.177	103.8	47.1	.13	38.0	.004	2	1.33	.006	.04	1.6	.20	289	<.1	1.52	2.9	<.01
99X12237	.57	108.13	43.52	152.7	1768	45.7	18.6	1755	4.92	542.6	2.7	28.2	14.3	19.9	.68	35.27	7.95	47	.82	.109	39.4	32.4	.20	123.1	.006	3	1.05	.011	.08	1.7	.30	310	<.1	.16	3.4	<.01
STANDARD DS2	11.09	126.72	32.96	171.7	237	37.9	12.6	851	3.33	63.1	21.6	198.4	3.8	35.7	11.64	10.32	11.50	84	.56	.085	13.6	174.7	.62	148.8	.118	<1	1.84	.042	.16	8.0	1.96	236	2.4	1.85	6.1	.01

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: SOIL Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 19 1999 **DATE REPORT MAILED:** Aug 26/99 **SIGNED BY.....** D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data ___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
4+00W 1+25N	4.30	177.41	15.41	166.9	380	94.0	34.2	1101	5.63	17.4	.8	8.5	2.1	16.2	.60	10.09	1.47	119	.19	.118	24.2	60.4	.75	466.5	.014	<1	1.65	.005	.06	.4	.34	66	1.3	.10	5.8	.05
4+00W 1+00N	4.24	115.09	17.96	96.3	173	50.0	16.8	558	4.18	23.7	1.1	4.4	2.1	15.8	.35	10.02	1.20	84	.16	.096	19.9	41.6	.51	160.9	.038	<1	1.45	.005	.05	.4	.21	60	1.5	.10	4.9	<.01
4+00W 0+75N	1.94	69.33	36.41	138.6	589	34.8	11.6	536	3.74	31.3	1.4	6.0	2.2	21.8	.55	12.72	6.64	64	.25	.134	26.2	36.7	.70	289.5	.014	2	1.63	.008	.10	.5	.39	119	.4	.08	5.3	.02
4+00W 0+50N	2.99	75.23	47.53	174.7	572	42.3	16.2	611	4.48	23.6	2.0	7.4	4.5	34.7	.87	12.55	1.57	71	.62	.123	27.1	40.8	.99	208.9	.028	4	1.78	.009	.13	.4	.36	90	.5	.07	6.4	.02
4+00W 0+25N	2.24	52.57	35.36	126.0	443	31.8	10.8	394	3.72	20.4	1.7	5.6	3.4	34.4	.45	8.40	1.14	65	.58	.125	24.1	40.1	1.03	274.9	.017	<1	1.91	.007	.11	3	.34	75	.2	.06	6.3	.05
4+00W 0+00 BL	11.29	95.71	31.72	198.8	1257	85.8	16.1	418	4.57	20.9	3.5	13.8	5.5	46.5	1.44	24.96	.49	76	.45	.122	29.7	30.0	.56	239.4	.006	2	.96	.005	.10	.3	.52	391	2.2	.13	3.2	.02
4+00W 0+25S	4.60	86.34	35.23	160.8	961	60.8	15.2	243	4.20	23.2	2.3	7.8	7.6	41.4	1.03	14.66	.69	68	.51	.127	27.5	26.8	.80	173.4	.005	1	1.11	.005	.11	<.2	.24	196	2.6	.10	3.7	<.01
4+00W 0+50S	3.92	80.40	33.88	169.5	1108	38.8	16.9	598	4.22	21.3	2.1	9.9	6.7	47.2	.98	12.20	.33	52	1.03	.135	30.4	30.3	.86	256.7	.009	2	1.31	.006	.13	<.2	.36	193	.9	.05	4.4	.06
4+00W 0+75S	5.19	78.77	35.08	186.0	908	42.6	17.7	394	4.35	14.4	2.1	11.5	7.9	34.0	.95	10.10	.31	53	.55	.136	26.3	28.8	.92	154.7	.010	1	1.15	.006	.09	<.2	.28	158	.7	.06	4.0	.02
4+00W 1+25S	2.93	71.18	49.40	135.4	1070	39.0	15.6	582	4.47	12.7	1.8	8.2	6.1	43.8	85	17.83	.75	54	.78	.139	33.8	31.9	.70	252.3	.013	3	1.22	.007	.12	.3	.37	241	.8	.06	4.2	.04
3+00W 1+00N	2.99	127.84	21.37	140.1	548	135.7	30.6	998	6.19	42.5	1.8	8.8	.4	12.3	.51	17.91	4.53	108	.08	.139	23.2	120.9	.30	122.6	.015	1	1.41	.005	.05	.6	.62	129	.8	.08	5.5	.03
3+00W 0+75N	1.70	159.92	51.21	197.3	1178	161.1	36.9	1340	6.87	99.5	1.0	8.0	3.1	26.5	.53	34.89	14.00	130	.56	.138	21.6	223.3	1.80	373.2	.019	2	2.06	.008	.08	.5	.74	400	.1	.06	7.2	.02
3+00W 0+50N	2.05	124.78	58.82	156.2	1705	63.3	18.1	927	5.52	63.4	1.5	9.3	6.4	20.8	.47	27.94	20.41	75	.45	.131	31.9	47.2	.37	170.7	.006	<1	.87	.003	.10	.6	.56	665	.5	.05	3.3	.02
3+00W 0+25N	3.00	117.99	76.80	180.8	2594	45.0	17.3	1624	6.40	31.5	1.3	8.6	7.3	19.7	.81	24.63	24.94	53	.39	.113	29.2	27.2	.32	185.1	.006	1	.80	.004	.08	.8	.59	588	.8	.07	2.8	<.01
3+00W 0+00 BL	2.32	61.15	26.14	128.8	813	41.3	13.7	474	4.12	17.0	1.8	6.0	6.6	27.0	.58	6.82	.97	61	.42	.115	34.3	34.9	.93	231.0	.020	1	1.61	.008	.13	.3	.34	127	.4	.07	5.2	<.01
3+00W 0+25S	2.98	61.87	26.13	134.1	582	37.4	12.1	326	3.70	18.3	1.8	21.5	5.8	31.0	.72	8.64	.95	66	.40	.119	28.7	33.9	1.03	164.8	.025	1	1.54	.007	.13	<.2	.28	81	.1	.06	5.1	<.01
3+00W 0+50S	2.87	67.77	39.86	153.1	331	36.7	15.4	559	3.96	29.1	1.8	8.8	3.2	25.9	.85	9.62	2.04	90	.21	.121	22.1	42.1	1.12	207.6	.040	<1	2.06	.006	.15	.4	.37	75	.2	.07	7.3	.06
3+00W 0+75S	3.41	79.49	55.10	165.5	741	43.5	19.5	642	4.22	75.7	2.0	8.3	6.0	28.1	1.08	14.51	7.99	74	.32	.110	30.8	39.1	1.17	173.9	.030	2	1.87	.009	.18	.7	.43	72	.5	.07	6.4	<.01
3+00W 1+00S	1.98	61.13	39.38	140.1	696	35.1	12.1	437	3.61	15.1	2.1	6.9	7.0	53.1	.61	8.04	.93	69	.83	.121	28.8	45.8	1.19	191.0	.038	1	2.02	.012	.17	.4	.35	146	.4	.06	6.9	.03
2+00W 0+75N	2.36	111.82	27.63	128.3	906	43.9	18.3	785	6.25	26.8	1.1	13.2	2.1	15.8	.22	23.97	2.92	76	.05	.137	31.0	39.8	.14	159.3	.016	2	.84	.005	.11	.7	.93	152	1.1	.10	3.9	.09
RE 3+00W 0+50S	3.04	69.32	39.03	157.1	311	37.1	16.3	571	4.04	30.5	1.9	6.2	3.2	28.3	.94	9.96	2.00	91	.21	.123	22.9	43.2	1.15	212.2	.039	1	2.09	.006	.14	.5	.37	60	.6	.08	7.2	.02
2+00W 0+50N	2.50	83.32	21.66	121.4	330	47.7	14.6	399	5.25	35.5	.8	10.3	.2	8.4	.15	15.23	4.12	94	.03	.127	15.2	33.9	.06	89.5	.013	1	.73	.005	.07	.6	.85	111	.8	.12	5.6	.06
2+00W 0+25N	2.13	283.95	101.04	167.1	3893	48.6	15.1	878	5.19	228.2	1.8	10.4	5.0	32.2	.64	49.89	56.90	61	.77	.135	37.3	42.3	.43	176.1	.007	<1	.98	.008	.11	.9	.80	1074	.4	.09	3.8	.07
2+00W 0+00 BL	2.16	63.53	46.24	130.0	1038	33.4	12.3	518	4.18	17.6	1.9	7.2	6.6	32.0	.46	11.12	3.61	63	.84	.133	47.1	40.5	.75	161.4	.013	2	1.41	.007	.15	.5	.65	483	.4	.05	5.2	.06
2+00W 0+25S	2.38	75.60	47.24	163.9	963	40.9	15.9	821	4.87	21.7	2.2	5.4	7.7	43.6	.72	14.69	1.72	79	.89	.139	47.5	42.7	.85	162.4	.017	3	1.56	.009	.14	.6	.53	678	.5	.06	5.8	.03
2+00W 0+50S	3.02	99.20	63.14	173.6	1406	38.0	14.3	520	4.38	32.3	2.8	6.5	7.6	42.3	.82	13.59	2.71	98	.94	.141	52.6	44.4	1.16	174.2	.017	3	2.12	.010	.15	.6	.43	403	.4	.08	7.8	.07
2+00W 0+75S	3.48	107.99	65.23	184.2	1406	41.5	16.8	609	4.77	43.9	2.8	8.2	8.3	46.8	.97	16.01	4.31	92	.91	.137	59.5	40.4	1.08	179.1	.018	3	1.88	.011	.16	.7	.44	380	.7	.09	7.3	.11
1+00W 0+50N	78.00	180.06	71.74	213.4	2190	27.6	5.8	103	9.77	234.5	15.2	99.9	8.6	162.3	.86	27.17	9.22	1065	.14	.293	63.1	223.5	13	175.1	<.001	<1	.99	.089	.76	<.2	1.43	73	23.1	.71	7.4	1.84
1+00W 0+25N	8.43	328.48	123.69	193.7	19676	151.4	61.6	841	7.84	493.8	3.2	20.2	3.2	55.2	1.07	67.59	93.68	192	.56	.198	30.4	114.4	.88	408.4	.081	2	2.09	.020	.13	<.2	2.01	1562	5.1	.59	6.1	.23
1+00W 0+00 BL	3.55	113.29	105.36	98.4	9594	33.7	16.9	889	5.16	341.7	2.6	20.2	6.5	50.0	.33	70.33	68.52	83	.47	.123	29.4	33.0	.45	152.4	.009	1	1.22	.009	.09	1.0	1.87	1937	1.7	.27	4.8	.08
1+00W 0+25S	5.17	110.16	64.46	287.9	991	51.8	31.4	1030	4.60	57.0	4.6	6.5	10.6	85.9	1.53	24.37	3.38	104	.65	.171	33.5	39.1	1.06	488.4	.021	3	1.99	.016	.21	.4	1.06	187	1.8	.11	6.9	.02
1+00W 0+50S	3.93	87.34	65.34	271.7	661	49.9	29.3	617	3.04	12.5	3.4	2.1	12.6	71.1	2.19	13.42	.61	63	.73	.148	34.7	27.1	.73	433.8	.006	4	1.48	.014	.15	<.2	.96	93	2.1	.07	5.1	.02
STANDARD DS2	14.35	131.79	32.71	166.9	253	37.8	13.0	833	3.28	68.0	22.1	203.4	3.7	31.5	11.33	9.92	11.35	83	.56	.083	13.7	172.8	.62	147.7	.118	<1	1.84	.041	.17	7.6	1.98	246	2.3	1.95	6.3	.03

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data FA

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 3.1/#46 File # 9902987 Page 1

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Tl	Hg	Se	Te	Ga	S
	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppb	ppm	ppm	ppm	%
99R02066	7.35	30.39	1.45	107.1	348	62.2	4.1	679	.75	12.8	2.8	3.9	1.1	447.3	.68	2.25	.10	112	9.02	.661	3.4	39.6	3.77	995.5	.004	12	.32	.023	.09	5.8	.14	166	6.3	.11	1.3	.04
99R02067	4.95	27.45	6.79	498.8	1425	69.0	5.4	743	.86	13.3	1.1	2.5	1.1	369.5	.91	2.59	.10	118	7.78	.060	1.1	33.6	5.56	838.4	.003	6	.20	.027	.05	5.0	.16	197	8.1	.15	.6	<.01
99R02068	6.82	47.41	6.72	753.0	1663	100.2	5.3	745	1.09	18.4	1.8	4.3	1.6	297.4	2.08	3.85	.13	147	5.80	.089	2.0	48.0	4.14	1445.2	.003	6	.29	.019	.08	5.9	.20	269	15.3	.14	.9	.01
99R02069	13.31	178.12	1.69	576.7	6395	95.3	1.1	71	.81	28.0	13.5	5.8	1.7	287.6	17.35	14.29	.09	421	2.22	.912	8.4	197.5	.11	2362.2	.008	12	.51	.009	.14	12.1	.53	500	23.1	.30	3.1	.10
99R02070	18.97	303.41	1.40	515.1	6913	102.9	1.3	93	.96	28.7	16.9	5.5	1.8	269.4	21.08	17.51	.07	449	1.54	.636	8.8	175.8	.08	2511.1	.007	12	.45	.008	.11	13.5	.52	529	28.3	.28	3.0	.08
99R02071	8.32	141.89	1.30	412.3	6114	56.7	.9	77	.92	18.9	14.7	4.8	1.9	182.7	19.28	9.73	.08	283	.89	.336	8.7	148.7	.06	1801.8	.006	8	.36	.006	.11	14.9	.46	348	28.6	.27	2.9	.10
99R02072	12.22	239.54	5.04	479.8	10690	68.7	1.1	65	1.32	34.7	23.0	7.1	2.7	398.9	19.81	9.67	.10	331	2.27	1.100	13.3	250.5	.08	2540.3	.008	13	.72	.010	.19	7.5	.59	429	62.3	.33	5.4	.21
99R02073	6.51	181.28	8.05	376.1	6823	63.1	.9	61	1.16	41.5	28.6	7.8	2.7	238.3	20.47	25.17	.14	1749	1.39	.613	8.9	167.4	.12	1846.1	.011	24	.85	.008	.25	8.3	2.62	590	67.6	.36	6.5	.20
99R02074	60.35	143.32	8.05	298.1	3042	66.5	1.0	45	1.16	37.9	36.4	3.7	2.5	143.6	14.87	33.33	.14	1632	.60	.273	7.7	112.9	.10	1165.8	.010	15	.71	.008	.23	5.5	2.20	419	30.6	.34	6.9	.30
99R02075	22.87	162.41	7.10	232.2	5012	43.8	1.8	82	.89	26.5	15.8	3.8	1.9	177.7	23.31	23.32	.11	1260	.93	.435	5.6	140.3	.07	1807.1	.010	16	.67	.008	.20	5.4	.65	266	25.3	.23	5.6	.19
99R02076	32.83	210.74	9.25	255.2	7117	43.8	2.2	96	.91	34.7	21.0	5.8	2.3	182.7	34.10	30.27	.21	1940	.89	.459	7.9	178.8	.08	2136.2	.011	25	.77	.009	.25	5.5	1.43	605	44.2	.29	6.4	.16
99R02077	24.78	132.23	5.60	197.9	4067	42.6	1.7	95	.83	28.7	15.5	3.0	1.4	124.5	27.75	26.33	.11	1147	.49	.259	5.6	123.4	.04	1814.9	.007	13	.50	.006	.15	11.9	.98	314	36.1	.23	4.0	.18
99R02078	25.77	91.08	8.86	123.3	1391	36.7	.6	36	.89	15.6	14.5	5.3	1.2	113.5	18.09	13.23	.11	1135	.32	.266	5.2	52.1	.05	1238.7	.005	15	.63	.005	.17	5.8	1.45	319	87.8	.60	5.3	.18
99R02079	27.02	88.93	7.12	125.6	1328	42.4	.6	32	.96	22.3	17.0	3.3	1.5	182.6	17.94	33.80	.12	1223	.31	.309	5.1	51.9	.05	1769.8	.006	17	.73	.006	.18	5.9	1.01	370	56.3	.65	5.8	.17
99R02080	11.88	102.79	4.16	116.1	895	41.5	.6	42	.94	20.6	10.8	4.4	1.1	165.5	21.49	12.92	.10	701	.92	.550	4.3	73.6	.04	1563.7	.005	16	.57	.007	.15	7.8	.38	180	46.0	.61	3.0	.12
99R02081	10.41	74.06	4.34	48.9	948	31.8	.4	39	.79	11.5	6.3	3.7	1.0	90.5	18.08	8.02	.23	557	.39	.271	3.2	59.9	.03	1681.5	.005	14	.47	.006	.16	8.6	.29	144	45.2	.60	3.1	.22
99R02082	12.74	127.66	6.40	81.9	5796	36.9	.5	30	1.73	31.4	13.7	8.5	2.4	215.0	16.69	11.17	.19	682	1.69	1.225	10.3	204.9	.06	485.5	.007	29	.92	.012	.34	3.3	.64	368	101.4	.69	5.8	.32
99R02083	22.59	191.25	6.65	69.2	6017	35.7	.7	44	1.27	30.3	21.4	5.9	2.2	260.8	23.48	13.99	.15	1594	2.31	1.401	9.5	203.2	.09	1179.0	.011	30	1.03	.011	.26	5.5	.73	589	71.4	.39	7.1	.16
99R02084	35.89	207.06	6.90	48.5	6716	39.9	.7	53	1.20	29.3	25.7	6.0	2.5	183.8	17.45	16.75	.13	1243	1.17	.806	9.3	191.4	.06	1813.6	.010	18	.80	.008	.19	6.4	1.14	798	59.1	.35	6.7	.22
99R02085	15.01	299.60	5.78	79.8	7801	62.8	.6	40	1.30	32.3	27.8	9.5	3.0	295.0	14.09	18.46	.12	622	1.63	1.048	13.8	245.8	.04	2530.5	.007	12	.86	.008	.17	6.0	.47	674	48.1	.36	6.1	.19
RE 99R02085	16.08	268.31	5.72	76.3	7854	68.2	.6	39	1.23	32.3	26.7	10.1	3.0	295.5	14.22	18.40	.12	560	1.67	.971	14.3	261.0	.07	2381.8	.016	13	.83	.007	.18	5.8	.46	644	47.8	.37	6.1	.20
99R02086	26.83	248.83	7.04	50.8	9256	45.0	.6	39	1.22	25.2	24.3	11.7	3.3	233.9	13.90	12.06	.13	668	1.19	.826	15.0	258.6	.06	2255.9	.009	20	.86	.008	.21	6.0	.78	818	67.8	.40	6.4	.25
99R02087	8.31	167.30	4.57	30.5	9766	40.5	.5	40	1.00	15.9	16.1	5.4	2.4	266.7	7.68	7.33	.08	269	2.41	1.331	11.4	247.7	.04	1748.0	.007	9	.65	.008	.17	9.0	.27	548	36.2	.23	4.5	.19
99R02088	12.22	208.31	4.29	45.4	7496	39.5	.6	61	1.12	19.3	17.1	5.1	1.9	178.6	7.67	14.59	.07	333	1.05	.643	8.5	177.7	.03	2086.4	.005	4	.47	.005	.10	13.8	.21	390	24.9	.24	3.4	.13
99R02089	13.06	302.89	4.21	69.8	6891	36.8	.4	48	1.00	19.8	22.8	6.4	1.8	199.6	7.53	28.45	.06	424	.44	.368	7.7	142.9	.02	2880.7	.004	5	.49	.004	.07	10.3	.20	461	15.6	.36	3.5	.12
99R02090	10.81	192.31	3.93	54.8	5971	38.7	.6	59	.91	17.9	18.7	4.8	1.8	224.9	14.71	17.99	.06	365	1.44	.770	9.1	172.8	.03	2804.7	.005	7	.46	.008	.10	10.5	.18	317	15.9	.29	3.2	.12
99R02091	14.97	268.25	5.63	50.6	8366	35.6	.7	72	1.17	24.0	24.8	10.5	2.6	255.0	14.58	12.54	.11	501	1.24	.799	12.0	228.2	.04	2009.1	.007	9	.70	.008	.15	7.4	.57	464	46.2	.33	5.4	.21
99R02092	47.08	191.21	7.74	70.0	3582	49.6	.7	47	1.02	25.4	22.7	5.3	2.1	117.1	9.67	34.62	.12	1744	.38	.304	6.9	135.6	.06	1261.9	.012	13	.71	.005	.18	4.7	1.92	580	42.7	.35	5.9	.23
99R02093	21.46	188.23	6.74	155.6	6457	77.5	.6	35	1.09	30.3	27.6	4.7	2.6	341.9	25.25	34.06	.10	1668	2.32	1.265	11.1	186.9	.07	1760.0	.012	22	.84	.013	.20	5.2	.70	538	23.5	.32	5.6	.14
99R02094	35.23	158.13	7.60	53.1	6612	49.6	.6	47	.91	21.6	25.2	5.6	2.0	138.3	20.36	22.36	.11	1672	.47	.365	9.2	155.0	.07	1791.1	.009	16	.70	.006	.16	6.6	1.13	947	26.8	.25	5.9	.14
99R02095	34.91	170.62	7.18	46.6	10000	50.7	.4	44	1.09	19.5	22.5	7.5	2.5	101.9	19.31	14.87	.12	707	.28	.269	8.6	173.3	.05	1854.1	.004	9	.67	.005	.15	8.4	1.22	970	32.8	.34	5.5	.20
99R02096	10.03	207.53	4.63	58.8	6271	36.6	.5	55	.88	15.2	17.6	4.6	1.5	144.2	12.08	12.24	.06	396	.55	.416	5.7	122.4	.04	3401.1	.003	5	.51	.004	.08	11.6	.25	485	18.5	.17	3.0	.08
99R02097	6.25	286.96	4.46	33.8	5840	22.7	.4	51	.79	12.7	25.3	4.6	1.5	238.6	10.93	10.87	.06	330	.70	.630	7.9	137.7	.03	6370.8	.003	10	.73	.004	.07	10.8	.41	407	14.9	.21	3.1	.06
99R02098	7.19	373.29	4.58	36.9	6100	24.4	.5	63	.81	14.5	27.0	4.6	1.4	180.3	12.00	12.16	.06	514	.74	.607	6.4	122.9	.04	4568.3	.003	11	.67	.003	.08	9.7	.68	450	13.1	.21	3.3	.06
STANDARD DS2	14.22	128.74	31.08	171.8	265	39.2	13.1	849	3.25	66.5	21.7	199.3	3.7	32.5	11.63	10.13	11.48	85	.56	.085	14.6	176.6	.63	151.3	.117	2	1.84	.043	.17	7.9	1.98	259	2.6	1.98	6.5	.02

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: ROCK Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 19 1999 **DATE REPORT MAILED:** Aug 26/99 **SIGNED BY** C. Leong .D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data F FA

ACME ANALYTICAL

International Kodiak Resources Inc. PROJECT AREA 3.1/#46 FILE # 9902987 Page 2

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99R02099	10.12	349.68	5.64	32.5	5913	20.0	.6	79	.85	14.9	25.5	5.1	1.4	136.0	8.41	18.14	.13	1096	.52	.397	5.5	124.6	.05	2057.0	.006	10	.64	.004	.11	13.0	.39	613	21.1	.22	3.6	.03
99R02100	16.01	333.89	6.67	53.4	4819	35.3	.6	49	1.11	30.9	24.4	4.9	1.8	164.4	10.65	28.33	.10	1230	.79	.593	7.4	152.4	.05	2116.6	.007	9	.72	.006	.13	8.8	.46	570	21.9	.25	4.0	.07
99R02101	9.50	168.07	4.94	30.5	4158	32.2	.4	39	.82	16.0	22.6	6.0	2.2	156.3	10.18	11.35	.07	558	1.39	.776	8.7	176.7	.04	1647.3	.006	5	.55	.005	.12	8.2	.38	487	16.4	.21	3.2	.13
99R02102	13.68	175.21	4.48	24.9	4104	33.3	.5	49	.87	15.3	21.1	4.8	1.8	150.2	11.87	8.96	.06	431	.97	.638	7.6	157.5	.03	2051.0	.005	5	.57	.005	.09	10.2	.44	449	17.9	.22	2.9	.09
99R02103	41.65	236.76	7.76	34.1	5088	30.7	.5	42	1.15	30.8	25.4	7.6	2.2	98.9	12.58	26.89	.14	1452	.42	.408	6.1	135.0	.06	1097.7	.007	9	.74	.005	.17	6.4	1.47	1207	70.8	.33	6.0	.21
99R02104	16.05	348.94	5.36	26.8	6452	35.2	.6	48	1.23	23.9	18.9	9.6	2.2	134.4	10.33	12.27	.17	446	.80	.604	7.9	156.8	.03	1413.7	.004	5	.59	.006	.14	7.3	.74	705	68.1	.24	4.6	.23
99R02105	22.08	215.09	6.92	42.0	3809	35.5	.6	65	.94	17.1	22.9	5.1	1.9	119.2	17.41	15.65	.09	1217	.59	.411	8.1	153.4	.06	2007.5	.010	11	.62	.004	.14	13.1	1.07	793	27.5	.23	3.4	.09
99R02106	13.24	285.86	4.99	61.7	4206	55.1	.5	42	.93	19.4	25.0	5.8	1.8	217.4	21.56	17.79	.07	796	1.60	.872	7.8	174.4	.05	1943.2	.007	7	.60	.006	.13	8.4	.91	520	21.9	.37	3.4	.10
99R02107	19.60	340.16	6.45	58.7	3952	54.4	.4	42	.90	20.7	27.2	4.2	1.7	93.4	21.11	13.76	.21	1076	.57	.393	5.4	147.0	.05	1163.1	.009	9	.58	.005	.15	8.9	1.30	617	57.6	.32	3.7	.14
99R02108	33.50	192.07	8.33	74.8	3581	74.0	.5	42	.90	19.0	25.5	4.3	1.7	87.1	25.66	17.65	.11	1585	.52	.324	5.2	155.9	.07	1043.7	.012	12	.67	.005	.20	7.3	1.80	1065	58.1	.32	4.0	.16
RE 99R02108	33.97	189.14	8.24	73.7	3389	73.6	.5	44	.89	19.7	27.3	4.5	1.7	92.4	25.28	16.88	.10	1562	.51	.322	5.0	156.1	.07	980.0	.011	13	.67	.005	.19	7.5	1.65	1098	58.4	.38	3.8	.11
99R02109	17.69	161.16	7.04	169.8	3788	71.9	.9	78	1.07	25.3	28.9	4.2	2.0	207.3	35.19	16.42	.11	1046	1.55	.848	8.5	170.5	.08	1973.7	.010	15	.72	.007	.19	10.0	1.62	642	28.6	.30	3.6	.07
99R02110	12.93	188.77	8.25	294.7	4168	87.4	.9	78	1.27	29.0	19.6	7.0	2.0	257.5	31.24	12.95	.13	590	1.41	.786	6.2	165.9	.07	2267.2	.006	11	.65	.006	.20	9.4	.61	576	24.2	.29	3.7	.14
99R02111	14.94	323.65	5.92	283.9	4889	88.0	.6	56	1.03	28.2	24.7	6.3	2.1	345.5	22.85	14.55	.10	900	1.50	.842	8.7	189.4	.08	3786.5	.010	14	.83	.007	.20	10.4	.61	672	26.2	.35	4.0	.09
STANDARD DS	14.03	123.40	31.61	173.5	258	39.2	13.3	863	3.31	66.8	23.0	211.9	4.0	32.9	11.66	10.25	11.52	87	.57	.086	13.9	180.1	.66	154.0	.122	2	1.92	.043	.17	8.1	2.02	277	2.6	2.04	6.5	.03

Standard is STANDARD DS2. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data 9 FA ___

[redacted]ACME [redacted]ALYTICAL [redacted]L [redacted]RATORIES LTD. [redacted] E [redacted]STINGS ST. [redacted]COUVER BC [redacted]A 1R[redacted] PHONE(604)253-3158 FAX(604)253[redacted]
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 5/#47 File # 9902988

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99X02117	4.28	103.46	97.41	228.7	905	61.9	18.0	891	4.14	1436.9	4.3	160.7	4.6	253.6	2.07	3.41	62.68	111	.62	.099	24.8	44.6	.68	358.9	.056	2	2.34	.023	.13	.3	.46	120	4.9	4.11	6.3	.03
99X02118	3.13	92.20	72.70	769.4	694	64.0	14.0	704	3.66	671.4	3.4	89.3	6.3	327.5	7.53	4.76	29.40	89	1.14	.124	23.3	41.2	.68	273.6	.058	3	1.99	.033	.11	.8	.33	88	4.4	1.90	4.8	<.01
99X02121	6.39	195.77	113.93	214.2	680	60.4	18.6	374	6.71	1696.4	5.2	262.1	9.1	782.3	2.64	8.50	33.80	75	1.24	.476	32.7	46.4	1.30	650.2	.040	2	2.72	.086	.20	.2	.93	60	7.1	1.54	8.3	.41
99X02126	6.59	188.43	106.50	234.9	827	74.7	32.6	673	5.26	1259.5	3.5	111.7	4.7	103.2	1.50	7.85	29.45	139	.18	.058	17.9	52.4	1.80	306.7	.064	3	2.75	.016	.13	<.2	.57	108	6.8	80	9.8	.06
99X04307	4.51	119.05	126.64	619.2	1715	101.8	22.3	1545	4.98	690.7	2.6	356.9	4.0	25.5	4.08	7.24	19.36	228	.44	.209	20.2	76.9	2.01	246.8	.035	2	2.81	.006	.06	.3	.27	112	7.0	1.59	8.4	.02
99X04308	11.25	330.36	90.91	691.3	5195	249.2	23.9	1685	7.23	598.9	8.6	564.3	8.0	72.7	4.72	9.99	13.87	308	1.05	.370	50.0	88.9	1.39	431.5	.015	3	2.15	.011	.09	.4	.38	267	14.5	1.20	5.9	.03
99X04309	13.17	305.85	92.61	625.5	2825	237.3	30.4	977	7.58	509.1	10.8	506.0	9.4	95.6	4.20	10.40	13.94	293	1.09	.394	50.4	94.5	1.48	381.9	.019	3	2.27	.016	.12	.4	.50	235	20.4	1.39	6.5	.08
99X05312	4.80	119.02	45.56	178.3	566	106.5	22.4	441	3.88	1544.0	4.9	149.1	6.3	87.2	1.06	3.06	54.06	115	.50	.130	23.6	48.6	.72	236.0	.065	2	1.94	.023	.09	.8	.36	76	4.6	4.27	4.8	.07
99X05313	5.20	120.51	42.95	153.1	521	81.7	20.0	363	3.91	1374.7	4.8	137.5	6.4	77.1	.92	2.81	49.72	111	.44	.110	21.9	47.5	.66	209.2	.066	2	1.78	.023	.08	1.0	.35	77	4.7	3.68	4.6	.07
99X05314	4.45	120.48	63.66	198.9	994	86.3	21.7	475	4.37	1764.6	7.5	196.7	7.1	110.8	1.18	3.33	94.39	153	.55	.142	31.8	63.7	.89	313.7	.072	2	2.44	.031	.11	.6	.50	101	4.7	6.34	6.5	.10
RE 99X05314	4.85	123.59	67.06	203.3	1041	87.7	22.7	484	4.47	1824.1	7.7	211.6	7.4	117.6	1.25	3.42	98.46	159	.56	.144	33.9	67.9	.92	325.0	.075	2	2.51	.033	.11	.6	.54	101	5.6	6.55	6.7	.11
STANDARD DS2	14.14	133.90	31.24	169.6	236	37.8	13.2	851	3.29	67.2	22.0	209.2	3.5	32.8	11.86	10.02	11.28	83	.59	.085	13.4	174.9	.61	148.2	.120	3	1.83	.041	.17	7.7	2.02	237	3.0	2.06	6.3	.03

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: SOIL Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 19 1999 **DATE REPORT MAILED:** Aug 26/99 **SIGNED BY** C. Leong ..D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data___ FA ____

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.)
852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 5/#47 File # 9902989 Page 1

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99R02116	5.95	140.22	21.54	135.1	422	68.9	17.6	267	3.37	146.3	6.5	53.6	9.6	211.2	.88	3.34	4.16	252	2.50	.164	18.5	95.0	2.35	390.7	.324	4	4.52	.289	1.37	1.7	2	17	6.8	.28	16.7	.80
99R02119	1.54	14.44	5.17	193.1	68	10.1	2.1	289	.54	26.6	3.0	3.3	3.2	544.8	3.13	2.46	.91	31	23.69	.108	15.4	12.9	.09	111.1	.097	10	1.72	.058	.05	.3	.05	<5	.6	.13	3.5	.03
99R02120	5.16	23.96	82.55	756.0	229	28.8	4.8	671	.90	70.8	3.8	5.9	4.8	691.2	5.79	2.01	2.42	85	13.03	.113	17.9	37.6	.20	186.0	.152	9	1.45	.060	.13	1.5	.19	19	1.0	.22	3.7	.11
99R02122	6.42	88.16	36.55	61.1	168	16.9	2.3	78	2.09	404.9	1.8	31.5	6.0	59.1	.78	2.51	6.42	80	.20	.060	10.0	42.0	.92	262.2	.019	5	1.42	.044	.43	3.4	.57	13	3.5	.15	5.1	.16
99R02123	2.14	59.41	46.06	94.5	302	36.0	12.3	139	2.34	27.8	.9	4.9	5.4	71.0	.95	1.09	1.49	76	.22	.019	11.6	72.0	1.55	488.5	.158	3	2.05	.094	.87	3.6	.68	8	3.0	.05	8.5	.23
99R02124	2.13	94.65	30.01	66.6	338	25.2	6.2	119	1.75	202.8	.6	17.2	4.6	50.2	.83	1.40	4.73	46	.17	.016	6.7	53.4	1.41	351.4	.156	3	1.76	.069	.74	4.2	.47	8	1.5	.19	7.1	.07
99R02125	2.98	75.23	43.94	87.2	395	33.4	10.5	116	2.22	224.2	1.8	24.8	6.8	22.3	1.06	3.20	4.22	65	.12	.051	11.6	45.0	1.19	274.1	.043	4	1.55	.037	.52	2.8	.57	11	3.1	.12	6.0	.31
99R02127	7.46	97.79	41.33	89.0	346	52.3	8.6	258	4.22	131.6	2.3	34.6	6.7	71.1	.61	4.79	2.66	684	.30	.017	14.8	70.9	1.70	308.6	.095	2	2.27	.086	.48	2.2	.63	15	8.0	.11	10.5	.17
99R02128	1.73	46.51	27.13	85.9	219	24.5	7.9	159	1.59	106.0	.6	12.2	5.7	21.9	.54	1.87	2.22	46	.11	.031	12.8	54.9	1.12	382.0	.068	3	1.48	.022	.57	4.1	.49	13	1.6	.07	5.8	.02
99R02129	2.03	54.91	15.23	57.3	234	28.4	6.6	97	1.48	115.5	.7	13.4	7.3	16.2	.32	1.91	.97	70	.14	.039	17.0	76.0	1.18	463.8	.086	3	1.72	.041	.67	3.1	.58	10	.8	.06	6.8	.04
99R03084	8.08	60.55	23.07	185.2	258	41.9	5.9	227	1.67	32.0	2.0	23.5	4.8	93.5	3.04	1.98	1.25	130	1.46	.112	19.4	49.8	1.18	307.5	.218	3	2.51	.229	.50	4.5	.45	8	3.4	.07	9.5	.21
99R03085	10.22	99.35	41.00	272.2	581	43.9	7.6	223	2.23	145.4	3.2	29.4	4.3	73.4	4.43	1.58	3.36	93	1.03	.079	20.6	44.0	1.04	187.0	.136	3	2.20	.185	.30	4.3	.36	15	4.6	.18	8.0	.26
99R03086	6.40	57.41	57.70	67.1	596	41.7	8.9	123	2.17	125.7	3.8	104.8	4.5	37.5	.71	1.97	2.24	129	.61	.163	9.3	61.7	1.30	331.0	.155	3	1.91	.079	.67	2.9	.61	17	3.2	.13	7.4	.19
99R03087	2.36	40.55	107.69	177.2	1148	30.5	8.1	160	2.31	32.0	1.3	3.7	4.7	11.1	1.30	3.11	.55	77	.17	.061	12.1	54.7	1.28	324.5	.087	4	1.73	.028	.51	2.5	.38	43	1.0	.06	6.3	.04
99R03088	5.93	54.00	15.81	86.4	194	69.1	15.6	206	2.80	30.7	3.1	7.9	4.9	78.4	.47	2.40	1.90	98	1.34	.029	10.6	73.1	1.94	351.3	.255	5	3.55	.349	1.07	2.1	.62	29	2.5	.09	12.5	.55
99R03089	10.96	57.22	13.85	80.0	176	70.9	14.0	153	2.59	28.8	3.9	4.7	5.7	98.6	.50	2.44	.90	130	1.49	.032	12.0	78.2	2.04	387.2	.295	8	3.73	.362	1.05	2.0	.76	<5	2.6	.10	13.3	.46
99R03090	1.54	57.16	54.60	131.5	602	25.6	8.2	156	2.30	20.0	1.6	1.0	5.0	11.1	.87	1.31	.45	48	.35	.161	15.1	42.4	.91	303.8	.053	3	1.44	.012	.39	2.9	.33	9	1.0	.09	5.2	<.01
RE 99R03090	1.58	58.30	55.11	132.3	631	26.3	8.6	163	2.33	19.8	1.6	2.1	5.1	11.3	.88	1.38	.43	50	.36	.163	15.9	44.2	.93	312.7	.054	4	1.47	.013	.40	3.1	.33	9	1.1	.07	5.3	<.01
99R03091	1.87	52.15	50.24	223.3	592	21.8	6.5	148	2.38	16.3	.8	1.4	3.5	40.6	1.36	1.53	.52	29	.54	.020	8.6	40.9	96	356.5	.073	4	1.96	.081	.37	2.6	.28	11	2.6	.09	6.4	.25
99R03092	1.62	57.75	38.62	88.4	360	22.8	7.3	144	2.44	34.4	1.8	1.3	4.7	24.4	.93	1.63	.45	47	.65	.292	17.2	40.1	.79	317.5	.039	4	1.41	.019	.34	3.3	.27	10	1.6	.09	4.7	.01
99R03093	2.62	45.19	17.63	49.1	401	18.0	3.6	93	1.73	19.1	1.0	1.1	4.6	7.0	.42	1.11	.45	26	.11	.049	11.4	30.5	.64	226.0	.017	4	1.03	.011	.25	3.1	.17	<5	1.0	.04	3.7	<.01
99R03094	2.18	70.75	30.74	77.6	293	35.3	9.4	134	1.95	30.4	1.6	11.6	3.7	153.0	1.06	.89	.56	29	1.69	.024	8.4	29.7	.75	377.6	.118	3	3.17	.174	.32	3.7	.31	12	7.0	.20	10.4	.47
99R03095	4.35	50.48	61.99	129.3	287	34.7	7.0	188	1.57	51.7	2.3	10.9	6.1	222.5	1.70	1.09	.51	46	2.57	.177	17.0	44.0	.59	393.6	.157	3	3.92	.259	.27	4.6	.22	13	3.5	.08	13.3	.25
99R03096	1.86	32.17	33.23	109.6	252	13.9	8.8	515	3.03	26.0	2.7	13.7	16.0	234.8	.43	.91	.13	94	.90	.081	23.9	47.3	1.24	999.1	.293	2	2.48	.155	.60	3.9	.33	10	1.4	.07	9.1	.02
99R03097	2.71	60.37	16.80	66.9	272	30.7	6.2	154	1.26	54.5	1.6	19.9	4.8	261.2	1.02	1.26	.24	14	3.07	.027	11.1	16.9	.46	230.8	.121	3	4.80	.274	.13	3.2	.16	10	4.0	.12	16.0	.24
99R04310	6.65	90.79	43.92	117.6	451	88.6	14.3	676	3.64	258.0	3.4	89.3	4.2	19.6	2.92	4.45	3.10	244	.33	.144	18.1	68.4	1.42	193.5	.012	4	1.41	.006	.17	5.0	.24	75	10.5	.27	4.7	<.01
99R04311	3.63	73.35	16.12	68.6	185	46.7	13.6	348	3.59	43.6	4.1	11.2	9.6	35.2	.65	2.55	1.77	181	.33	.144	24.7	76.9	1.16	357.4	.051	4	1.79	.017	.62	.9	1.14	24	7.8	.24	8.4	.10
99R04312	2.97	19.09	8.71	339.0	128	10.7	3.6	592	1.42	34.9	.3	51.0	.9	10.5	2.55	.87	1.92	20	.50	.013	4.0	37.6	1.41	50.7	.066	2	96	.004	.03	12.7	.06	17	1.2	.08	3.9	<.01
99R05315	8.70	52.86	28.56	124.4	262	38.3	10.6	402	3.36	1338.3	5.2	29.3	14.5	125.7	.98	1.40	37.98	184	.57	.109	23.7	73.5	1.48	672.6	.218	3	2.09	.093	.60	2.7	.68	17	5.4	1.86	8.3	.14
99R05316	9.25	99.79	26.38	52.3	263	37.0	4.8	178	4.22	139.5	3.8	57.2	3.7	24.2	.63	1.24	4.72	229	.05	.062	8.9	176.2	.60	289.4	.103	3	1.08	.028	.37	5.1	.97	21	13.5	.29	6.3	.74
99R10343	15.23	86.50	104.94	121.7	271	17.9	4.2	138	6.52	144.0	9.7	48.3	2.1	305.4	.93	26.73	10.78	91	11.35	5.875	17.1	16.5	.56	89.1	.050	8	.64	.096	.06	6.6	1.09	29	42.5	.59	5.9	3.72
99R10344	15.53	72.39	39.43	215.9	573	33.8	4.8	322	2.53	121.7	13.8	11.2	4.0	578.1	2.98	17.87	2.62	208	14.80	6.383	18.9	39.9	1.61	180.7	.063	7	1.73	.105	.04	4.5	.19	25	9.0	.19	5.5	.22
99R10345	7.79	27.26	101.40	333.1	673	23.7	2.6	474	1.34	63.2	2.4	12.8	4.7	55.7	3.58	14.32	2.11	160	3.42	.309	8.8	32.0	1.74	121.6	.087	4	1.17	.027	.07	2.3	.10	34	1.0	.10	5.7	<.01
99R10346	6.56	45.92	39.64	308.0	449	38.9	4.3	519	1.38	38.5	2.4	17.0	4.2	79.6	3.40	15.10	1.19	130	5.61	367	12.1	28.4	1.71	92.9	.082	2	.93	.032	.04	2.1	.18	15	2.1	.15	5.3	.02
STANDARD DS2	13.59	128.91	31.04	172.7	238	38.7	13.6	856	3.29	66.3	22.3	201.1	3.6	31.9	11.51	10.23	11.74	85	.57	.085	14.2	179.7	.64	152.0	.118	2	1.87	.041	.17	7.5	2.00	261	2.6	2.00	6.6	.02

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: ROCK Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 19 1999 **DATE REPORT MAILED:** Aug 26/99 **SIGNED BY** C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data f FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99R10377	2.49	55.96	29.83	77.4	384	43.1	9.0	477	2.54	32.5	.3	5.4	3.1	18.4	.63	3.91	1.61	61	.20	.044	11.3	54.9	1.05	642.0	.100	5	1.54	.040	.54	4.9	.52	14	2.8	.05	6.8	.32
99R10378	1.58	63.85	36.12	123.4	534	56.1	14.6	422	2.49	54.9	.4	11.0	3.3	15.6	1.18	2.59	2.86	59	.20	.041	10.4	50.3	1.09	516.0	.063	4	1.48	.039	.42	4.6	.49	16	3.0	.07	6.0	.47
99R10379	3.26	90.34	26.53	62.2	408	56.7	10.5	146	2.98	74.4	.4	4.4	2.7	5.1	.66	2.46	2.86	49	.03	.025	7.0	39.6	.58	250.2	.012	5	.80	.010	.19	5.8	.35	10	6.1	.08	3.8	.74
99R10380	6.63	78.96	25.60	45.0	445	26.7	4.9	104	3.54	71.6	1.9	6.6	3.0	6.5	.39	2.79	5.15	97	.08	.057	9.5	65.5	.43	268.1	.030	4	.70	.010	.19	7.8	.49	15	7.6	.11	3.1	.83
99R10381	11.11	78.78	28.11	88.8	349	82.3	6.1	166	3.81	58.1	5.3	12.0	3.7	40.2	.94	2.39	3.73	318	.44	.137	11.8	176.3	.78	175.3	.102	2	1.50	.075	.40	5.2	.84	12	8.7	.14	7.3	1.06
99R10382	6.49	68.04	24.80	107.7	290	82.2	10.5	179	2.25	19.6	5.8	11.6	9.9	83.4	1.00	3.15	1.75	216	.71	.236	15.7	63.9	1.68	886.8	.087	3	2.31	.098	.82	3.7	1.12	8	3.8	.15	9.4	.27
99R10383	8.82	64.50	26.75	154.5	350	63.2	11.3	339	2.97	11.9	5.5	23.1	8.8	179.6	1.18	2.72	2.09	200	1.29	.152	14.0	73.0	2.62	677.9	.160	3	3.42	.241	.86	3.7	1.41	14	4.6	.18	13.3	.44
99R10384	5.35	76.34	18.05	145.2	274	50.6	8.5	221	2.41	21.8	4.5	15.7	8.0	229.9	1.14	3.04	1.60	262	1.60	.333	14.8	67.3	2.24	938.3	.144	5	3.06	.214	1.03	4.0	1.38	11	3.4	.11	11.7	.28
99R10385	12.61	76.64	18.20	149.3	321	48.5	7.0	112	2.08	29.6	7.3	4.9	7.3	252.9	2.15	10.91	1.52	299	2.50	.888	17.0	64.6	1.92	513.2	.100	4	2.59	.151	1.04	2.8	1.32	<5	6.3	.14	9.5	.33
99R10386	8.03	33.56	49.17	232.9	286	32.3	5.4	365	.96	36.1	2.6	4.3	3.9	807.5	2.49	10.90	.69	103	5.09	.300	11.0	27.9	1.27	493.7	.087	2	1.05	.056	.10	4.5	.21	19	1.5	.15	4.5	.02
RE 99R10386	7.86	33.78	50.04	231.4	286	32.3	5.2	367	.96	34.3	2.6	2.9	3.8	784.1	2.40	10.42	.66	100	5.07	.300	10.4	29.4	1.22	481.1	.081	3	1.03	.054	.10	4.3	.20	17	1.3	.14	4.5	.03
STANDARD DS2	13.86	128.83	29.95	170.5	242	38.2	13.0	856	3.32	63.3	21.5	207.2	3.7	32.0	11.56	10.09	11.80	82	.57	.085	14.2	175.2	.62	148.3	.117	1	1.84	.041	.17	7.2	1.93	263	2.6	2.08	6.5	.02

Sample type: ROCK. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data 1 FA ____

ACME ANALYTICAL LABORATORIES LTD. [redacted] ST [redacted] BC [redacted] NE ([redacted] 253 [redacted] 58 [redacted] 60[redacted]

(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. PROJECT AREA 6/#48 File # 9902990

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99R02112	.65	66993.21	3.24	79.5	10667	52.4	13.7	1915	8.18	1.8	<.1	2.4	.1	334.4	.55	.15	.04	58	18.16	<.001	21.7	101.4	1.07	82.6	.003	<1	1.23	.014	.02	.6	.09	62	28.4	.10	3.4	.90
99R02113	.73	81.89	.32	11.6	23	38.5	6.4	2048	2.06	1.2	<.1	.3	.1	387.5	.01	.09	.03	48	19.78	.027	24.3	95.4	.98	47.5	.002	<1	1.09	.011	.01	2.6	<.02	<5	<.1	.05	3.1	<.01
99R02114	1.96	176.73	10.87	27.8	160	25.8	5.1	91	3.16	7.9	.3	4.4	1.5	7.1	.04	1.12	.22	23	.19	.030	12.8	26.6	.15	288.7	.002	2	.63	.004	.18	4.7	.07	81	1.2	.05	3.0	.07
99R02115	.39	104.11	1.91	61.3	49	56.7	30.3	805	5.24	.7	.2	.5	1.4	33.9	.10	.06	.03	176	3.21	.099	11.6	73.8	2.56	501.0	.437	13	4.21	.036	.04	.4	<.02	<5	<.1	<.02	13.9	<.01
RE 99R02115	.40	107.06	1.97	62.2	48	59.3	30.5	826	5.39	1.0	.2	.7	1.4	34.8	.09	.07	.03	181	3.27	.102	11.7	75.7	2.63	509.3	.436	12	4.27	.036	.04	.4	<.02	<5	.1	<.02	14.1	<.01

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: ROCK Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 19 1999 **DATE REPORT MAILED:** Aug 25/99 **SIGNED BY.** C. Leong . TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data f FA ___

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEM PRECIOUS METALS ANALYSIS

International Kodiak Resources Inc. PROJECT OKI-DOKI-AREA 3.1 File # 9803630R2

1950 - 400 Burrard St., Vancouver BC V6C 3A6

SAMPLE#	Pt** ppb	Pd** ppb	Rh** ppb
ZONE 3 2800E 3400N	6	10	5
ZONE 3 3600E 3750N	6	29	3

GROUP 3B - FIRE GEOCHEM PT, PD - 30 GM SAMPLE FUSION, DORE DISSOLVED IN AQUA - REGIA, ICP ANALYSIS. UPPER LIMITS = 10 PPM.
RH - FIRE GEOCHEM FROM AU INQUART.
- SAMPLE TYPE: SOIL PULP

DATE RECEIVED: MAR 2 2000 DATE REPORT MAILED: March 7/2000 SIGNED BY ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data FA

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEM PRECIOUS METALS ANALYSIS

International Kodiak Resources Inc. PROJECT OKI-DOKI ARGE 3.1 File # 9803901R2

1950 - 400 Burrard St., Vancouver BC V6C 3A6

SAMPLE#	Pt** ppb	Pd** ppb	Rh** ppb
Z-3 L2600E 3850N	8	20	3

GROUP 3B - FIRE GEOCHEM PT, PD - 30 GM SAMPLE FUSION, DORE DISSOLVED IN AQUA - REGIA, ICP ANALYSIS. UPPER LIMITS = 10 PPM.
RH - FIRE GEOCHEM FROM AU INQUART.
- SAMPLE TYPE: SOIL PULP

DATE RECEIVED: MAR 2 2000 **DATE REPORT MAILED:** March 7/2000 **SIGNED BY** C. Leong .D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data d FA ___

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEM PRECIOUS METALS ANALYSIS

International Kodiak Resources Inc. PROJECT AREA 3.1/#6 File # 9902249R3

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Pt** ppb	Pd** ppb	Rh** ppb
2600E 3650N	8	43	5

GROUP 3B - FIRE GEOCHEM PT, PD - 30 GM SAMPLE FUSION, DORE DISSOLVED IN AQUA - REGIA, ICP ANALYSIS. UPPER LIMITS = 10 PPM.
RH - FIRE GEOCHEM FROM AU INQUART.
- SAMPLE TYPE: SOIL PULP

DATE RECEIVED: MAR 2 2000 DATE REPORT MAILED: March 7/2000 SIGNED BY C. Leong .D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data / FA

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEM PRECIOUS METALS ANALYSIS

International Kodiak Resources Inc. PROJECT AREA 3.1 File # 9902447R4

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Pt** ppb	Pd** ppb	Rh** ppb
L2900E 3500N	7	14	2

GROUP 3B - FIRE GEOCHEM PT, PD - 30 GM SAMPLE FUSION, DORE DISSOLVED IN AQUA - REGIA, ICP ANALYSIS. UPPER LIMITS = 10 PPM.
RH - FIRE GEOCHEM FROM AU INQUART.
- SAMPLE TYPE: SOIL PULP

DATE RECEIVED: MAR 2 2000 DATE REPORT MAILED: March 7/2000 SIGNED BY. C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data FA

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.)
852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEM PRECIOUS METALS ANALYSIS

International Kodiak Resources Inc. PROJECT AREA 3.1/#46 File # 9902987R
530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Pt** ppb	Pd** ppb	Rh** ppb
99R02069	4	10	<1
99R02070	4	14	2
99R02071	2	7	1
99R02072	<1	14	2
99R02073	<1	14	<1
99R02074	3	11	2
99R02075	2	7	<1
99R02076	4	19	<1
99R02082	9	27	1
99R02083	<1	17	<1
99R02084	1	18	<1
99R02085	3	23	<1
99R02086	2	27	3
RE 99R02086	3	24	2
99R02087	1	17	<1
99R02088	1	13	1
99R02089	5	13	2
99R02090	1	5	2
99R02091	2	19	<1
99R02092	<1	17	5
99R02093	<1	12	3
99R02094	1	14	1
99R02095	2	32	4
STANDARD FA100	48	50	9

GROUP 3B - FIRE GEOCHEM PT, PD, RH - 30 GM SAMPLE FUSION, DORE DISSOLVED IN AQUA - REGIA, ICP ANALYSIS. UPPER LIMITS = 10 PPM.
- SAMPLE TYPE: ROCK PULP Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: FEB 16 2000 **DATE REPORT MAILED:** Feb 23/2000 **SIGNED BY** ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only. Data___ FA ___

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEM PRECIOUS METALS ANALYSIS

International Kodiak Resources Inc. PROJECT AREA 3.2/#31 File # 9902637R

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Pt** ppb	Pd** ppb	Rh** ppb
3700E 5575N	10	35	<1

GROUP 3B - FIRE GEOCHEM PT, PD, RH - 30 GM SAMPLE FUSION, DORE DISSOLVED IN AQUA - REGIA, ICP ANALYSIS. UPPER LIMITS = 10 PPM.
- SAMPLE TYPE: SOIL PULP

DATE RECEIVED: FEB 16 2000 DATE REPORT MAILED: Feb 23/2000 SIGNED BY ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only. Data___ FA ____

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEM PRECIOUS METALS ANALYSIS

International Kodiak Resources Inc. PROJECT AREA 3.1 File # 9902447R3

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Rh** ppb	Sample gm
L2250E 3675N	15	2.8
L2900E 3975N	5	4.2

GROUP 3B - FIRE GEOCHEM RH - TOTAL SAMPLE FUSION, DORE DISSOLVED IN AQUA - REGIA, ICP ANALYSIS. UPPER LIMITS = 10 PPM.
- SAMPLE TYPE: SOIL PULP

DATE RECEIVED: FEB 28 2000 **DATE REPORT MAILED:** March 2/2000 **SIGNED BY** C. Leong .D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data P FA ___

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.)
852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEM PRECIOUS METALS ANALYSIS

International Kodiak Resources Inc. PROJECT AREA 3.1 File # 9902447R2
530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Pt** ppb	Pd** ppb	Rh** ppb	Sample gm
L1900E 3425N	2	22	2	15
L1900E 3400N	<1	20	<1	15
L2000E 3925N	6	18	<1	15
L2100E 3725N	4	32	6	15
L2100E 3675N	6	24	4	15
L2150E 3750N	4	24	8	15
L2150E 3725N	8	32	<1	15
L2150E 3675N	6	28	6	15
L2150E 3625N	2	26	6	15
L2250E 3750N	18	16	6	15
L2250E 3675N	4	40	10	5
L2250E 3625N	5	51	<1	10
L2400E 3625N	2	16	6	15
L2650E 3725N	5	13	3	10
RE L2400E 3625N	4	14	4	15
L2750E 3850N	8	34	<1	15
L2750E 3800N	8	30	2	15
L2750E 3775N	<1	16	2	15
L2900E 3975N	4	12	10	5
L2900E 3825N	4	18	2	5
L2900E 3800N	<1	10	4	15
L2900E 3400N	4	24	<1	15
L3000E 3900N	10	30	4	15
L3000E 3850N	7	30	1	10
L3100E 3775N	3	17	<1	10
STANDARD FA100	46	46	10	15

GROUP 3B - FIRE GEOCHEM PT, PD, RH - 30 GM SAMPLE FUSION, DORE DISSOLVED IN AQUA - REGIA, ICP ANALYSIS. UPPER LIMITS = 10 PPM.
- SAMPLE TYPE: SOIL PULP Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: FEB 24 2000 DATE REPORT MAILED: Feb 28/2000 SIGNED BY ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

* Confirmation require for Rh by Au inquart fire assay

REVISED COPY

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data___ FA ___

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.)
852 E. HASTINGS ST. VANCOUVER BC V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716

GEOCHEM PRECIOUS METALS ANALYSIS

International Kodiak Resources Inc. PROJECT AREA 3.1 File # 9902447R
530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Pt** ppb	Pd** ppb	Rh** ppb	Sample gm
L1600E 3550N	1	<1	<1	2
L1600E 3525N	<1	7	<1	30
L1700E 4000N	2	19	1	30
L1800E 3775N	2	11	3	5
L2250E 3725N	2	7	<1	5
L2250E 3700N	5	13	<1	10
99X02030	6	22	1	30
RE 99X02030	6	24	<1	30
STANDARD FA100	47	47	5	30

GROUP 3B - FIRE GEOCHEM PT, PD, RH - 30 GM SAMPLE FUSION, DORE DISSOLVED IN AQUA - REGIA, ICP ANALYSIS. UPPER LIMITS = 10 PPM.
- SAMPLE TYPE: SOIL PULP Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: FEB 16 2000 **DATE REPORT MAILED:** Feb 23/2000 **SIGNED BY.....** D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data d/ FA ____

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.)
852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEM PRECIOUS METALS ANALYSIS

International Kodiak Resources Inc. PROJECT AREA 3.1/#6 File # 9902249R
530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Pt** ppb	Pd** ppb	Rh** ppb	Sample gm
3200E 3675N	1	4	<1	30
3200E 3650N	3	6	<1	30
3400E 3650N	9	33	<1	15
3400E 3450N	4	8	<1	30
RE 3400E 3450N	6	13	1	15
STANDARD FA100	50	48	5	30

GROUP 3B - FIRE GEOCHEM PT, PD, RH - 30 GM SAMPLE FUSION, DORE DISSOLVED IN AQUA - REGIA, ICP ANALYSIS. UPPER LIMITS = 10 PPM.
- SAMPLE TYPE: SOIL PULP Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: FEB 16 2000 DATE REPORT MAILED: Feb 23/2000 SIGNED BY. . . . . D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data ✓ FA ___

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.)
852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEM PRECIOUS METALS ANALYSIS

International Kodiak Resources Inc. PROJECT AREA 3.1/#1 File # 9902158R
530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Pt** ppb	Pd** ppb	Rh** ppb	Sample gm
L2200E 3725N	2	7	<1	5
L2200E 3700N	3	13	<1	10
L2200E 3675N	2	18	<1	5
L2200E 3650N	14	47	<1	30
L2200E 3625N	1	11	<1	3
L2300E 3800N	2	6	<1	30
L2300E 3700N	4	24	<1	10
L2300E 3650N	12	37	<1	15
L2400E 3650N	8	21	<1	15
L2400E 3500N	7	44	<1	15
L2400E 3425N	1	9	<1	15
RE L2200E 3650N	18	48	<1	15
L2500E 3550N	7	23	<1	30
L2700E 3800N	9	35	<1	15
L2700E 3400N	9	15	<1	5
STANDARD FA100	45	49	5	30

GROUP 3B - FIRE GEOCHEM PT, PD, RH - 30 GM SAMPLE FUSION, DORE DISSOLVED IN AQUA - REGIA, ICP ANALYSIS. UPPER LIMITS = 10 PPM.
- SAMPLE TYPE: SOIL PULP Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: FEB 16 2000 **DATE REPORT MAILED:** Feb 23/2000 **SIGNED BY** C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data 4 FA ____

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.)
852 E. HASTINGS ST. VANCOUVER BC V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716

GEOCHEM PRECIOUS METALS ANALYSIS

International Kodiak Resources Inc. PROJECT AREA 3.4/#7 File # 9902251R
530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Pt** ppb	Pd** ppb	Rh** ppb	Sample gm
5800E 2575N	2	13	<1	30
5800E 2550N	12	52	<1	15
5800E 2525N	16	62	<1	15
5850E 2550N	2	28	<1	15
6000E 2600N	4	30	3	15
6000E 2575N	4	30	<1	15

GROUP 3B - FIRE GEOCHEM PT, PD, RH - 30 GM SAMPLE FUSION, DORE DISSOLVED IN AQUA - REGIA, ICP ANALYSIS. UPPER LIMITS = 10 PPM.
- SAMPLE TYPE: SOIL PULP

DATE RECEIVED: FEB 16 2000 DATE REPORT MAILED: Feb 23/2000 SIGNED BY: C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data___ FA ___

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEM PRECIOUS METALS ANALYSIS

International Kodiak Resources Inc. PROJECT AREA 3/#12 File # 9902391R

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Pt** ppb	Pd** ppb	Rh** ppb	Sample gm
99X04154	9	35	<1	30
99X04157	10	26	2	15
99X04161	9	21	<1	30
99X05181	28	31	<1	5
99X05182	8	51	<1	10
99X05190	9	36	<1	5
RE 99X11138	3	28	<1	30
99X08005	11	16	<1	5
99X08044	4	8	<1	30
99X11138	3	25	1	30

GROUP 3B - FIRE GEOCHEM PT, PD, RH - 30 GM SAMPLE FUSION, DORE DISSOLVED IN AQUA - REGIA, ICP ANALYSIS. UPPER LIMITS = 10 PPM.
- SAMPLE TYPE: SOIL PULP Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: FEB 16 2000 DATE REPORT MAILED: Feb 23/2000 SIGNED BY. C. Leong .D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data FA

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEM PRECIOUS METALS ANALYSIS

International Kodiak Resources Inc. PROJECT AREA 3/#12 File # 9902392R

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Pt** ppb	Pd** ppb	Rh** ppb
99R08080	<1	6	<1

GROUP 3B - FIRE GEOCHEM PT, PD, RH - 30 GM SAMPLE FUSION, DORE DISSOLVED IN AQUA - REGIA, ICP ANALYSIS. UPPER LIMITS = 10 PPM.
- SAMPLE TYPE: ROCK PULP

DATE RECEIVED: FEB 16 2000 DATE REPORT MAILED: Feb 23/2000 SIGNED BY ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data M FA ___

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEM PRECIOUS METALS ANALYSIS

International Kodiak Resources Inc. PROJECT AREA 4/#17 File # 9902398R

530 - 800 W. Pender St., Vancouver BC V6C 2V6

SAMPLE#	Pt** ppb	Pd** ppb	Rh** ppb	Sample gm
5900E 2625N	2	20	<1	15
5900E 2600N	5	28	<1	30
5900E 2575N	6	27	<1	30

GROUP 3B - FIRE GEOCHEM PT, PD, RH - 30 GM SAMPLE FUSION, DORE DISSOLVED IN AQUA - REGIA, ICP ANALYSIS. UPPER LIMITS = 10 PPM.
- SAMPLE TYPE: SOIL PULP

DATE RECEIVED: FEB 16 2000 **DATE REPORT MAILED:** Feb 24/2000 **SIGNED BY** ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only. Data___ FA ___

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

International Kodiak Resources Inc. File # A000241

530 - 800 W. Pender St., Vancouver BC V6C 2V6 Submitted by: Bill Chornobay

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %	Au** ppb	Pt** ppb	Pd** ppb
ZONE-3 2800E 3725N	2.11	28.58	12.68	139.1	172	20.4	4.7	105	3.07	7.5	.4	1.8	.6	53.0	.95	1.29	.25	96	.03	.072	9.2	28.0	.05	611.9	.014	1	.81	.005	.11	<.2	.17	56	.8	.05	5.4	.18	1	<1	<1
ZONE-3 3380E 3735N	12.23	62.68	8.75	1619.5	711	149.4	12.0	266	3.38	14.3	5.7	3.8	3.7	85.9	36.79	5.95	.16	162	.69	.152	17.2	35.6	.57	1669.8	.034	3	1.13	.012	.14	.2	.27	228	5.2	.08	3.3	.08	5	3	5
ZONE-3 3390E 3730N	43.86	287.28	15.82	750.0	8152	112.4	7.1	299	3.07	46.7	21.1	11.5	1.9	223.1	26.11	22.81	.30	838	1.00	1.020	14.9	155.5	.12	1369.7	.006	14	1.51	.011	.30	.3	1.60	651	48.1	1.03	6.9	.55	22	9	29
ZONE-3 3400E 3725N	452.91	745.50	10.13	5360.3	20196	378.5	3.6	246	15.50	435.9	94.3	4.1	2.5	453.6	85.70	469.81	.13	6121	1.63	1.304	9.7	177.6	.17	1598.4	.007	10	1.85	.007	.24	1.7	.91	1736	217.8	.63	8.4	.30	33	15	48
Z-3 3425E 3660N	2.55	50.88	7.23	217.2	2189	47.5	4.4	76	.93	4.0	2.8	7.5	1.1	88.4	1.90	1.34	.15	52	.74	.071	5.1	27.7	.15	1298.1	.003	5	.58	.003	.10	<.2	.24	477	2.7	.10	2.8	.09	11	4	5
Z-3 3500E 3350N	13.89	118.34	15.05	108.8	6224	36.0	.7	24	1.04	16.9	12.9	3.0	.5	263.4	5.59	10.64	.22	637	.52	.301	15.6	126.5	.06	2197.2	.007	4	.57	.004	.13	.2	.66	572	13.8	.28	4.3	.18	7	7	17
Z-3 3500E 3300N	5.05	75.83	23.44	276.5	285	78.7	14.6	266	4.16	13.6	1.4	8.5	2.9	24.1	.23	1.85	.31	35	.03	.034	5.8	16.0	.10	721.6	.002	3	.91	.003	.19	<.2	.20	119	3.1	.07	2.8	.10	8	5	4
Z-3 3500E 3250N	3.40	52.62	8.77	107.5	27	19.2	7.2	143	4.35	5.4	.3	1.2	2.5	27.5	.04	.69	.43	33	.02	.031	5.1	14.1	.07	542.4	.006	1	1.02	.003	.16	<.2	.12	36	2.8	.08	4.0	.14	1	4	1
3600E 2500N	1.67	20.81	12.77	75.9	183	15.7	14.4	667	2.71	9.4	.7	1.3	3.9	12.8	.06	.53	.30	86	.08	.028	16.7	35.0	.36	321.9	.052	<1	1.91	.005	.06	<.2	.21	30	.4	<.02	7.9	<.01	<1	4	2
3600E 2450N	1.82	13.60	15.23	47.6	36	13.4	7.1	340	3.47	10.6	.7	1.4	3.3	15.4	.11	.62	.31	82	.11	.034	15.5	34.9	.33	211.6	.045	<1	1.82	.005	.05	.2	.14	58	.5	.03	8.1	<.01	3	5	2
3600E 2400N	1.93	19.96	15.47	70.8	45	26.1	11.4	459	3.40	12.5	1.1	3.7	5.4	13.9	.13	.74	.28	86	.09	.030	15.7	50.6	.58	332.5	.069	<1	2.95	.007	.06	.2	.16	90	.6	.03	7.8	<.01	3	4	3
RE 3600E 2400N	2.00	20.11	21.72	70.4	50	25.2	11.1	457	3.32	12.8	1.2	2.8	5.7	13.9	.37	.74	.30	85	.09	.030	15.8	48.2	.57	326.3	.068	<1	2.91	.008	.06	.2	.16	98	.6	<.02	8.0	<.01	5	3	2
3600E 2350N	2.00	19.81	13.79	74.6	30	20.8	9.8	409	3.56	12.2	.9	3.2	3.1	14.3	.23	.70	.26	75	.11	.044	15.3	41.1	.53	209.9	.049	<1	2.21	.006	.06	.3	.13	73	.6	.03	6.9	<.01	2	5	2
3600E 2300N	.79	19.96	7.75	47.3	34	17.3	7.0	260	1.69	6.1	.8	23.6	1.7	15.9	.05	.48	.15	45	.14	.042	17.0	23.6	.35	231.1	.034	1	1.10	.006	.04	.2	.07	71	.3	<.02	3.7	<.01	4	3	1
3600E 2250N	.90	23.91	7.52	57.7	69	19.6	7.1	247	1.91	7.5	1.2	2.6	1.9	16.1	.09	.58	.15	51	.17	.060	18.4	26.1	.37	219.6	.036	<1	1.26	.006	.04	.2	.07	103	.5	<.02	4.0	<.01	.7	<1	<1
3600E 2200N	1.31	30.89	11.26	66.4	45	24.6	10.3	422	2.25	8.6	1.5	2.7	3.7	20.9	.14	.79	.18	59	.18	.062	18.9	29.5	.40	323.4	.045	<1	1.32	.006	.05	<.2	.07	95	.5	<.02	4.0	<.01	4	2	1
Z-4 5200E 11250N	3.54	186.60	13.42	501.9	377	98.0	16.9	444	6.45	6.6	.9	3.2	.1	19.6	.42	1.05	.32	147	.04	.117	4.6	27.4	.05	310.8	.008	<1	.58	.004	.06	<.2	.08	110	1.6	.15	4.1	.01	13	3	3
STANDARD DS2/FA100	16.67	138.58	35.75	174.2	273	38.8	12.5	846	3.29	63.1	23.3	203.6	4.0	32.7	11.05	8.70	11.72	92	.59	.088	20.9	190.6	.65	191.7	.099	<1	1.93	.034	.18	7.5	1.97	169	2.2	1.90	6.6	.02	46	48	47

GROUP 1F1 - 1.00 GM SAMPLE LEACHED WITH 6 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 20 ML, ANALYSED BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
AU** PT** & PD** GROUP 3B BY FIRE ASSAY & ANALYSIS BY ULTRA/ICP. (30 gm)
- SAMPLE TYPE: SOIL Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JAN 21 2000 DATE REPORT MAILED: Jan 31/2000 SIGNED BY: D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data FA

KENNECOTT
ANTIMONY MOUNTAIN PROPERTY

INTERNATIONAL KODIAK
MLN - BO PROJECTS

PROSPECTOR INTERNATIONAL
FOR SURE PROJECT

HOMESTAKE
MIKE LAKE PROPERTY

INTERNATIONAL KODIAK
OKI – DOKI PROJECT

BATTLE MOUNTAIN
IDA – ORO PROPERTY

BATTLE MOUNTAIN
PANORAMA RIDGE PROPERTY

INTERNATIONAL KODIAK
OKI – DOKI PROJECT

VICEROY
BREWERY CREEK MINE

0 1 2 3 4 5 km

KILOMETRES

CONTOUR INTERVAL: 500 FEET

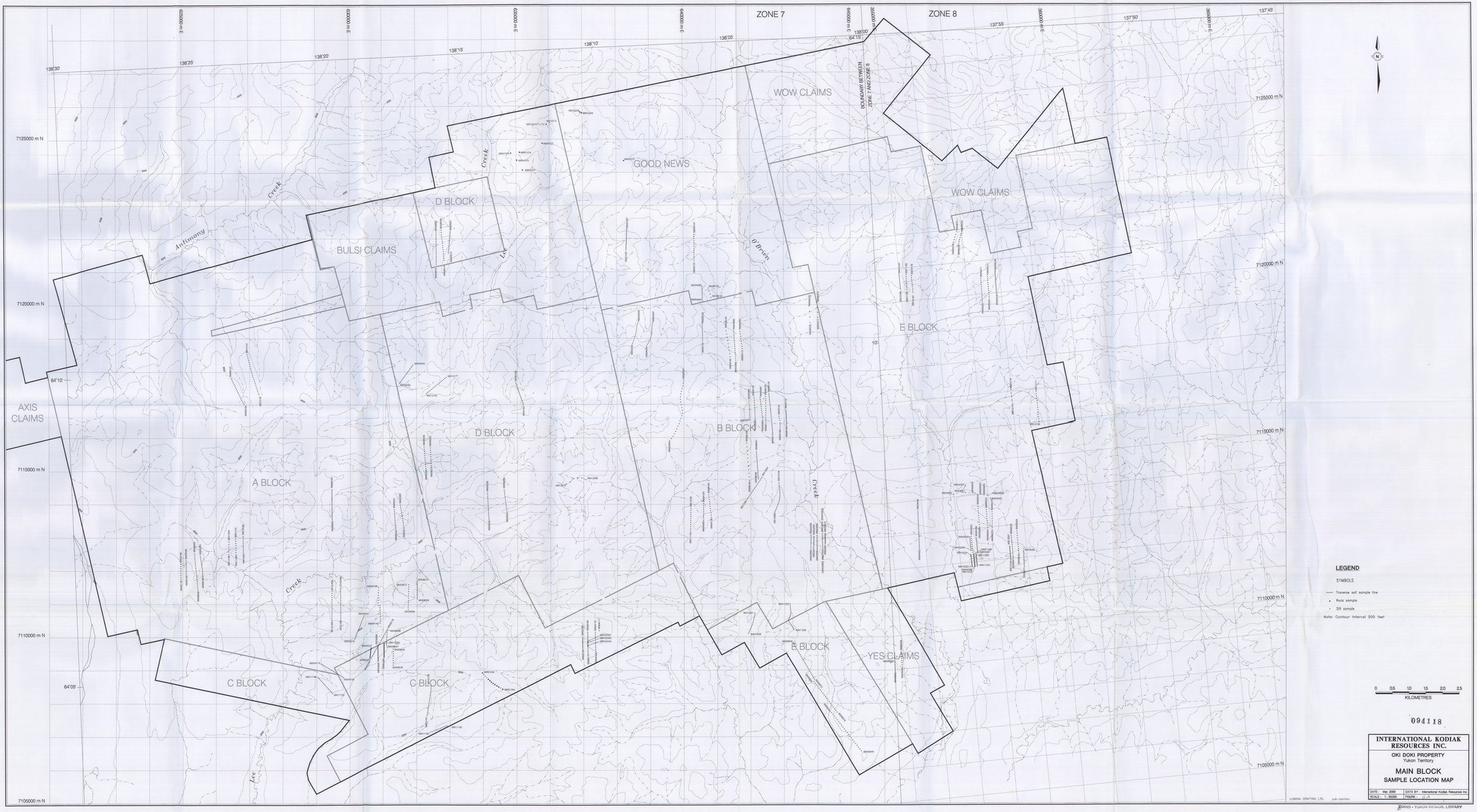
INTERNATIONAL KODIAK
RESOURCES INC.

OKI – DOKI PROPERTY
YUKON TERRITORY

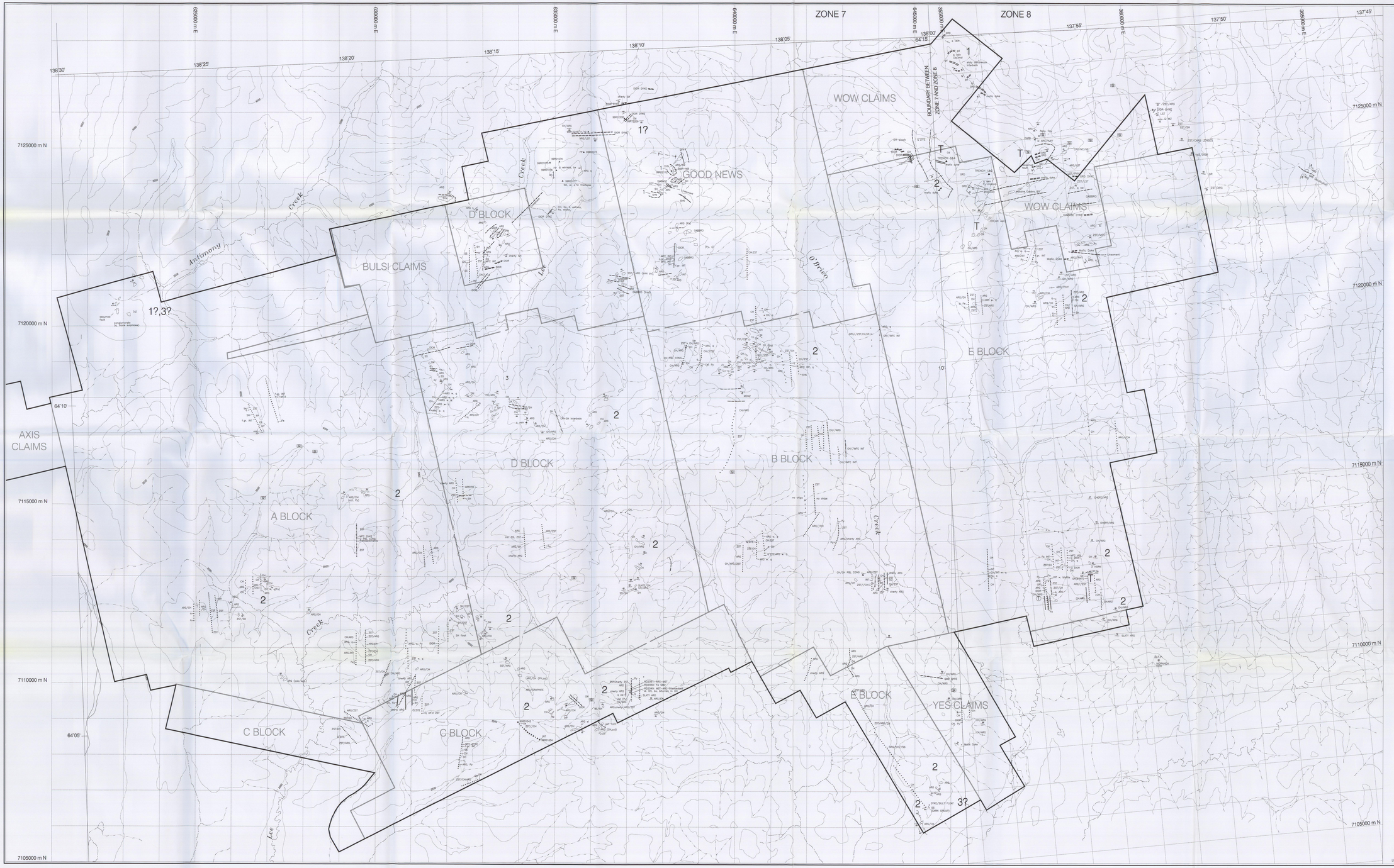
PROPERTY MAP

DATE: NOVEMBER 1998	DATA SOURCE:D.I.A.N.D.
SCALE: 1:50,000	FIGURE: 3

094118
(DIAND - YUKON REGION, LIBRARY)



YUKON REGION, LIBRARY



LEGEND

LITHOLOGY

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

SYMBOLS

- Lithologic contact: observed, assumed
- Fault: observed with slickensides ± gouge ± breccia
- Fault: assumed
- Outcrop
- Axial trace: anticline, syncline
- Property boundary
- Traverse line with rock chip geology
- Bedding attitude: inclined, vertical
- Joint attitude: inclined, vertical
- Slickensides: plunge and direction
- Dyke attitude: inclined, vertical
- Foliation: inclined, vertical
- Rock sample

ABBREVIATIONS

SEDIMENTARY ROCKS		VOLCANIC ROCKS	
ARG	Argillite	DAC	Dacite
CH	Chert	AND	Andesite
SH	Shale	MFC VOL	Mafic volcanic
MST	Mudstone	LAP TUFF	Lapilli tuff
CST	Claystone	INTRUSIVE ROCKS	
ZST	Siltstone	SYN	Syenite
SS	Sandstone	GR	Granite
GW	Greywacke	QMZ	Quartz Monzonite
QTZ PEB. CONG	Quartz pebble conglomerate	MZ	Monzonite
LST	Limestone	GRD	Granodiorite
PHY	Phyllite	Q DIOR	Quartz diorite
QTZITE	Quartzite	DIOR	Diorite
HORN	Hornfels	INT	Intrusive
		MFC INT	Mafic intrusive
		FPP	Feldspar porphyry dyke

- A/B — Rock type A equal in abundance to rock type B
- A/B — Rock type A greater in abundance than rock type B
- A/B — Rock type A much greater in abundance than rock type B

Aspy	Arsenopyrite	alt'd	Altered
Cpy	Chalcopyrite	bx	Breccia
Py	Pyrite	rs	Rusty stain
mal	Malachite	f.gr.	Fine–grained
lim	Limonite	c.gr.	Coarse–grained
CARB	Carbonate	slicks	Slickensides
cal	Calcareous	w.	With
cal	Calcite		
chalced	Chalcedony		
sil	Silicified		
Q	Quartz veining		
Sw	Stockwork		

Note: Contour Interval 500 feet

0 0.5 1.0 1.5 2.0 2.5
KILOMETRES

094118

INTERNATIONAL KODIAK RESOURCES INC.

OKI DOKI PROPERTY
Yukon Territory

MAIN BLOCK
GEOLOGY & SAMPLE LOCATION

DATE : Mar. 2000	DATA BY : International Kodiak Resources Inc.
SCALE : 1 : 50000	FIGURE : 6.8

LUMINA DRAFTING LTD. yuk–molngeo

DIAND - YUKON REGION, LIBRARY



Silver in soil
Grid 5

Ag (ppb)		
3501.88	■	(99th percentile)
1648.4	◘	(95th percentile)
1281.4	✚	(90th percentile)
831.0	+	(75th percentile)
0-831	+	

Silver in soil
Grid 3.1-3.4, 4

Ag (ppb) / Percentile		
■	15604.20	(99th percentile)
◘	8909.85	(95th percentile)
✚	6111.00	(90th percentile)
+	2232.75	(75th percentile)
+	0 - 2232.75	

LEGEND

- ····· Soil sample site
- ▲ Rock sample
- + Silt sample
- 14 Ag value in ppm (only values ≥ 1ppm shown)

Note: Contour Interval 500 feet

0 0.5 1.0 1.5 2.0 2.5
KILOMETRES

094118

INTERNATIONAL KODIAK RESOURCES INC.
OKI DOKI PROPERTY
Yukon Territory
MAIN BLOCK
SILVER GEOCHEMISTRY

DATE : Mar. 2000	DATA BY : International Kodiak Resources Inc.
SCALE : 1 : 80,000	FIGURE : 6C

LUMINA DRAFTING LTD. yuk-silver



Gold in soil
Grid 3.1-3.4, 4

Au (ppb) / Percentile

- 2252.87 (99th percentile)
- 1055.15 (95th percentile)
- 684.60 (90th percentile)
- 295.25 (75th percentile)
- 0 - 295.25

Gold in soil
Grid 5

Au (ppb)

- 183.14 (99th percentile)
- 100.00
- 51.14 (95th percentile)
- 39.64 (90th percentile)
- 21.80 (75th percentile)
- 0.00

LEGEND

- Soil sample site
- Rock sample
- Silt sample
- 20.1 Au value in ppb (only values > 10 ppb shown)

Note: Contour Interval 500 feet

0 0.5 1.0 1.5 2.0 2.5
KILOMETRES

094118

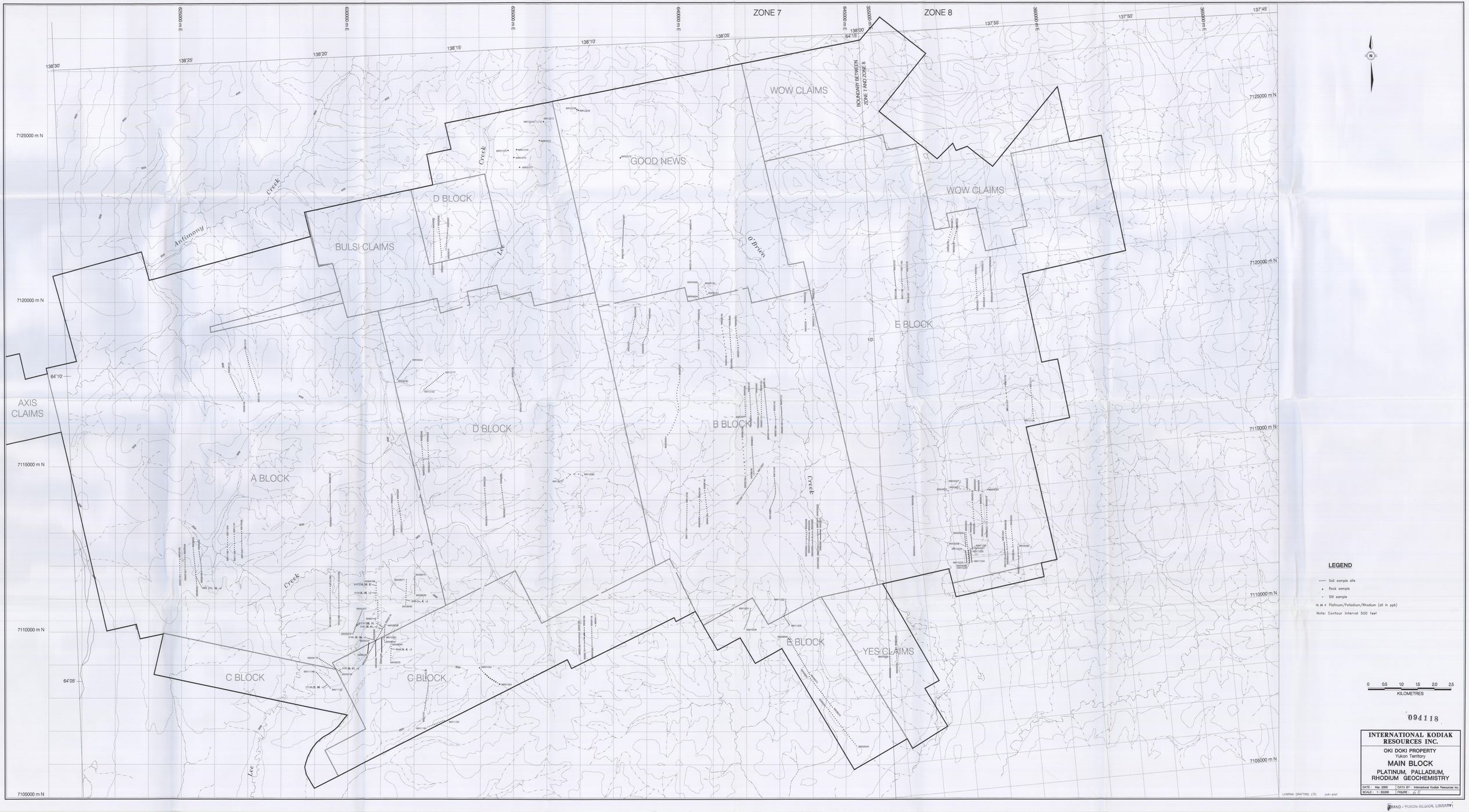
INTERNATIONAL KODIAK RESOURCES INC.

OKI DOKI PROPERTY
Yukon Territory

MAIN BLOCK
GOLD GEOCHEMISTRY

DATE : Mar. 2000	DATA BY : International Kodiak Resources Inc.
SCALE : 1 : 50,000	FIGURE : 6D

LUMINA DRAFTING LTD. yuk—gold


ZONE 7
ZONE 8
BOUNDARY BETWEEN ZONE 7 AND ZONE 8
WOW CLAIMS
GOOD NEWS
WOW CLAIMS
D BLOCK
BULSI CLAIMS
E BLOCK
AXIS CLAIMS
D BLOCK
B BLOCK
A BLOCK
B BLOCK
YES CLAIMS
C BLOCK
C BLOCK
Anthimony Creek
Lee Creek
O'Brien Creek
Creek
Lee Creek
Creek
Creek

7128000 N
645000 E
355000 E
356000 E
357000 E
358000 E
7126000 N
7127000 N
7125000 N
7124000 N
7123000 N
7122000 N

BOUNDARY LINE - UTM ZONE 7 ZONE 8

Qtz vn/bx cpy, Mo
76
SRa
py
K qfp
25
68

WOW CLAIMS

SRa,c
py, aspy
cpy
32
SRa,c,q
Kqm
SEE MAP 1:500
Kqm
Cirque Lake Trench area
mg, po, cpy
aspy
I
SRa
72
Kqm
Kd
46
OR c,l
40
Kd
25
SRa

WOW CLAIMS

E BLOCK

LEGEND

Kd	Cretaceous – Diorite
Kqfp	Cretaceous – Quartz feldspar porphyry
Kqm	Cretaceous – Quartz monzonite
SRa,c,q	Silurian – Road River Fm.: argillites, chert, quartzite
OR c,l	Ordovician – Rabbitkettle Fm.: chert, limestone
mg	Magnetite
cpy	Chalcopyrite
py	Pyrite
aspy	Arsenopyrite
po	Pyrrhotite
	Lithologic contact: observed, assumed
	Shear / fault
	Lineament
25	Dyke attitude: inclined, vertical
25	Foliation: inclined, vertical
25	Bedding: included, vertical
	Trench

N

0 100 200 300 400 600 800
METRES

LUMINAI DRAFTING LTD. yuk-Eblockgeo

INTERNATIONAL KODIAK RESOURCES INC.

OKI DOKI PROPERTY
Yukon Territory

AREA 1 094118

GEOLOGY

DATE : Mar. 2000	DATA BY : MTV
SCALE : 1:10,000	FIGURE : 7A

DIAND - YUKON REGION, LIBRARY

355500 E | 355550 E | 355600 E | 355650 E | 355700 E | 355750 E | 355800 E | 355850 E | 355900 E | 355950 E | 356000 E

7124150 N | 7124100 N | 7124050 N | 7124000 N | 7123950 N | 7123900 N | 7123850 N

N

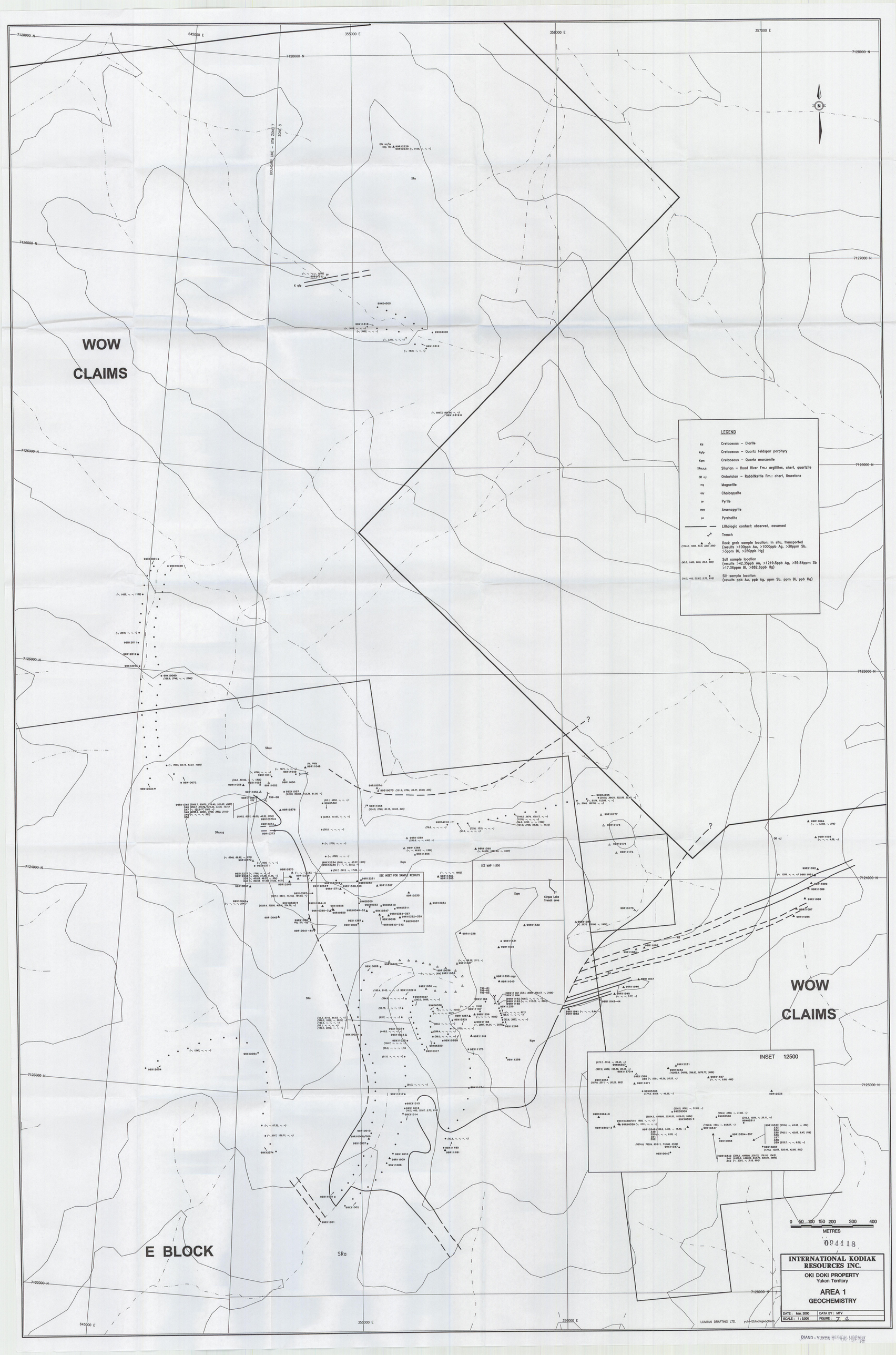
MONZ. A | MONZ. B | MONZ. C | MONZ. D

99R11377 | 99R11383 | 99R11384 | 99R11385 | 99R11375 | 99R11374 | 99R11376 | 99R11365 | 99R11361 | 99R11362 | 99R11350 | 99R11359 | 99R11373 | 99R11372 | 99R11356 | 99R11357 | 99R11358 | 99R11354 | 99R11353 | 99R11355 | 99R12232 | 99R12013 | 99R12034 | 99R12025 | 99R12026 | 99R12028 | 99R11359/335 | 99R11336 | 99X12027 | 99R11500 | 99R11301 | 99R11302 | 99R11303 | 99R11304 | 99R11305 | 99R11306 | 99R11307 | 99R11308 | 99R11309 | 99R11310 | 99R11311 | 99R11312 | 99R11313 | 99R11314 | 99R11315 | 99R11316 | 99R11317 | 99R11318 | 99R11319 | 99R11320/333 | 99R11321 | 99R11322 | 99R11323 | 99R11324A/334 | 99R11324B | 99R11325 | 99R11326 | 99R11327 | 99R11328 | 99R11329 | 99R11330 | 99R11331 | 99R11332 | 99R11333 | 99R11334 | 99R11335 | 99R11336 | 99R11337 | 99R11338 | 99R11339 | 99R11340 | 99R11341 | 99R11342 | 99R11343 | 99R11344 | 99R11345 | 99R11346 | 99R11347 | 99R11348 | 99R11349 | 99R11350 | 99R11351 | 99R11352 | 99R10170 | 99R10169 | 99R10168 | 99R10167 | 99R10166 | 99R10165 | 99R10164 | 99R10163 | 99R10158 | 99R10159 | 99R10160 | 99R10161 | 99R10162 | 99R10171 | 99R10172 | 99R11285 | 99R11286 | 99R11287 | 99R11288 | 99R11289 | 99R11290 | 99R11291 | 99R11292 | 99R11293 | 99R11294 | 99R11295 | 99R11296 | 99R11297 | 99R11298 | 99R11299 | 99R11300 | 99R11064 | 99R11065 | 99R11066 | 99R11067 | 99R11059 | 99R11060 | 99R11061 | 99R11062 | 99R11063 | 99R11281 | 99R11282 | 99R11283 | 99R11284 | 99R11268 | 99R11269 | 99R11270 | 99R11271 | 99R11272 | 99R11273 | 99R11274 | 99R11275 | 99R11276 | 99R11277 | 99R11278 | 99R11279 | 99R11280 | 99R11285 | 99R11286 | 99R11287 | 99R11288 | 99R11289 | 99R11290 | 99R11291 | 99R11292 | 99R11293 | 99R11294 | 99R11295 | 99R11296 | 99R11297 | 99R11298 | 99R11299 | 99R11300 | 99R11064 | 99R11065 | 99R11066 | 99R11067

SERO723 | SERO724

ML1 | ML2 | ML3 | ML-2 | VP-1

Carb. alteration zone | Arg/carb. alteration | Shear/carb. alteration zone | Sheet/carb. alteration zone | SIL alteration | qtz-choked bx, Py, Aspy, Sp, Gn, Sb | qtz-choked bx, qtz-ser alteration, Py | qtz-choked bx, Py, Aspy, Cpy, Sb, qtz-cal veins | qtz-choked bx, Py, Aspy | qtz-choked, Py, Aspy | qtz-choked, wtlly Py, Aspy (?) | qtz-choked, stkwk Py, Aspy | qtz-choked, Py, Aspy, Sb | qtz-choked, Py, Aspy, Sb, stkwk | qtz-choked, Py, Aspy, stkwk | qtz-choked, Py, Aspy, Py | qtz-choked, Py, Aspy, Py, Aspy | qtz-choked, Py, Aspy, Py, Aspy, Py | qtz-choked, Py, Aspy, Py, Aspy, Py, Aspy | qtz-choked, Py, Aspy, Py, Aspy, Py, Aspy, Py | qtz-choked, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy | qtz-choked, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py | qtz-choked, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy | qtz-choked, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py | qtz-choked, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy | qtz-choked, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py | qtz-choked, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy | qtz-choked, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py | qtz-choked, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy | qtz-choked, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py | qtz-choked, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy | qtz-choked, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py | qtz-choked, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy | qtz-choked, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py | qtz-choked, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy | qtz-choked, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py | qtz-choked, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy | qtz-choked, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py | qtz-choked, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy | qtz-choked, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py | qtz-choked, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy | qtz-choked, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py | qtz-choked, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy | qtz-choked, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py | qtz-choked, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy | qtz-choked, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py | qtz-choked, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy | qtz-choked, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py | qtz-choked, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy | qtz-choked, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py | qtz-choked, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy | qtz-choked, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py | qtz-choked, Py, Aspy | qtz-choked, Py, Aspy, Py | qtz-choked, Py, Aspy | qtz-choked, Py, Aspy | qtz-choked, Py, Aspy | qtz-choked, Py, Aspy | qtz-choked, Py, Aspy | qtz-choked, Py, Aspy | qtz-choked, Py, Aspy | qtz-choked, Py, Aspy | qtz-choked, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy, Py, Aspy


WOW
CLAIMS
E BLOCK
WOW
CLAIMS
LEGEND
Kd Cretaceous – Diorite
Kefp Cretaceous – Quartz feldspar porphyry
Kqm Cretaceous – Quartz monzonite
SRa,c,t Silurian – Road River Fm.: argillites, chert, quartzite
OR cJ Ordovician – Rabbitkettle Fm.: chert, limestone
mg Magnetite
cpy Chalcopyrite
py Pyrite
apy Arsenopyrite
po Pyrrhotite
Lithologic contact: observed, assumed
Trench
Rock grab sample location: in situ, transported (results >100ppb Au, >1000ppb Ag, >30ppm Sb, >5ppm Bi, >250ppb Hg)
Soil sample location (results >42.35ppb Au, >1219.5ppb Ag, >59.84ppm Sb >17.36ppm Bi, >882.6ppb Hg)
Silt sample location (results ppb Au, ppb Ag, ppm Sb, ppm Bi, ppb Hg)
INSET 1:2500
SEE INSET FOR SAMPLE RESULTS
SEE MAP 1500
Cirque Lake trench area
0 50 100 150 200 300 400
METRES
094118
INTERNATIONAL KODIAK RESOURCES INC.
OKI DOKI PROPERTY
Yukon Territory
AREA 1
GEOCHEMISTRY
DATE : Mar. 2000
DATA BY : MTV
SCALE : 1 : 5,000
FIGURE : 7 C
LUMINA DRAFTING LTD.
yuki-03\ockgeochem
DIAND - YUKON REGION LIBRARY

355500 E | 355550 E | 355600 E | 355650 E | 355700 E | 355750 E | 355800 E | 355850 E | 355900 E | 355950 E | 356000 E

7124150 N | 7124100 N | 7124050 N | 7124000 N | 7123950 N | 7123900 N | 7123850 N

99R11355 (3721 Ag, 43.05 Sb, 1480 Hg)
(315.1 Au, 9783 Ag, 3754.5 As, 1059.61 Sb, 20.97 Bi, 1526 Hg)
99R11361
99R11362
(1229.7 Au, 61,743 Ag, 16,753.8 As, 6483.89 Sb, 87.8 Bi, 2198 Hg)
99R11360
2595.2 Au, 11,341 Ag, 10,745.7 As, 779.62 Sb, 225.81 Bi, 4225 Hg)
99R11373
99R11359
99R11356
99R11372
99R11357
99R11358
99R11375 (74.5 Au, 1542 Ag, 1071 Hg)
99R11374 (1507.5 Au, 99,999 Ag, 3166.8 As, 3043 Sb, 1.84 Bi, 178.65 Cu, 1742 Hg)
99R11376 (162.0 Au, 27,649 Ag, 158.4 Sb, 8192 Hg)
99R11377 (1071 Ag, 23.25 Sb, 1112 Hg)
99R11383 (448.8 Au, 259 Hg)
99R11381 (337.9 Au, 29,646 Ag, 765.2 As, 9249.8 Sb, 992 Hg)
99R11382 (1473 Au, 15,289 Ag, 50,406.9 As, 1155.14 Sb, 35.07 Bi, 215.49 Cu, 1307 Hg)
99R11384 (1681 Ag, 153.54 Sb, 263.19 Cu, 1126 Hg)
99R11385 (150.5 Au, 1842 Ag, 1958.9 As, 81.06 Sb)
99R11379
99R11378 (35.47 Sb, 1953 Hg)
99R10170
99R10169
99R10168
99R10167
99R10166
99R10165
99R10164
99R10163
99R11385 (107.8 Au, 13.5 Sb, 511 Hg)
99R11059
99R11060
99R11061 (108.6 Au)
99R11062
99R11063 (187.28 Cu)
99R11281
99R11282
99R11283
99R11284
99R11285
3ER0123
99R11287
99R11286
99R10171
99R10172
99R10158
99R10159
99R10160
99R10161
99R10162
VP-1
9915 (205.0 Au)
9916
9917
9918 (116.8 Au)
9919
9920
9921
9922
9923
9924
9925
9926
9927
9928
9929
9914
99139
9913A
9912 (353 Hg)
9911
9910 (336 Hg)
9909
9908
9907 (125.8 Au)
9906 (295.2 Au)
9905 (510.8 Au)
9904 (383.9 Au)
9903 (199.9 Au)
9902 (452.7 Au)
9901 (213.0 Au)
99R11288
99R11289
99R11290 (214.8 Au)
99R11291
99R11292
99R11293
99R11294
99R11295
99R11296
99R11297
99R11298
99R11299
99R11300 (405.7 Au)
99R11301 (111.0 Au, 8827 Ag, 8202.5 As, 153.91 Sb, 6.03 Bi, 501.96 Cu, 775 Hg)
99R11302
99R11303
99R11304
99R11305
99R11306
99R11307
99R11308
99R11309
99R11310
99R11311
99R11312
99R11313
99R11314
99R11315
99R11316
99R11317
99R11318
99R11319
99R11320/333 (519 Hg)
99R11321 (194.9 Au, 670 Hg)
99R11322 (121.8 Au, 892 Hg)
99R11324A/334 (150.1 Au, 433 Hg)
99R11325
99R11326
99R11327
99R11328
99R11329
99R11330
99R11331
99R11332
99R11333
99R11334
99R11335
99R11336
99R11337
99R11338
99R11339
99R11340
99R11341
99R11342
99R11343
99R11344
99R11345
99R11346
99R11347
99R11348
99R11349
99R11350
99R11351 (5197 Hg)
99R11352 (3699 Hg)
99R11353
99R11354 (3380 Hg)
99R11355
99R11065
99R11066
99R11067
99R11068
99R11069
99R11070
99R11071
99R11072
99R11073
99R11074
99R11075
99R11076
99R11077
99R11078
99R11079
99R11080
99R11081
99R11082
99R11083
99R11084
99R11085
99R11086
99R11087
99R11088
99R11089
99R11090
99R11091
99R11092
99R11093
99R11094
99R11095
99R11096
99R11097
99R11098
99R11099
99R11100
99R11101
99R11102
99R11103
99R11104
99R11105
99R11106
99R11107
99R11108
99R11109
99R11110
99R11111
99R11112
99R11113
99R11114
99R11115
99R11116
99R11117
99R11118
99R11119
99R11120
99R11121
99R11122
99R11123
99R11124
99R11125
99R11126
99R11127
99R11128
99R11129
99R11130
99R11131
99R11132
99R11133
99R11134
99R11135
99R11136
99R11137
99R11138
99R11139
99R11140
99R11141
99R11142
99R11143
99R11144
99R11145
99R11146
99R11147
99R11148
99R11149
99R11150
99R11151
99R11152
99R11153
99R11154
99R11155
99R11156
99R11157
99R11158
99R11159
99R11160
99R11161
99R11162
99R11163
99R11164
99R11165
99R11166
99R11167
99R11168
99R11169
99R11170
99R11171
99R11172
99R11173
99R11174
99R11175
99R11176
99R11177
99R11178
99R11179
99R11180
99R11181
99R11182
99R11183
99R11184
99R11185
99R11186
99R11187
99R11188
99R11189
99R11190
99R11191
99R11192
99R11193
99R11194
99R11195
99R11196
99R11197
99R11198
99R11199
99R11200
99R11201
99R11202
99R11203
99R11204
99R11205
99R11206
99R11207
99R11208
99R11209
99R11210
99R11211
99R11212
99R11213
99R11214
99R11215
99R11216
99R11217
99R11218
99R11219
99R11220
99R11221
99R11222
99R11223
99R11224
99R11225
99R11226
99R11227
99R11228
99R11229
99R11230
99R11231
99R11232
99R11233
99R11234
99R11235
99R11236
99R11237
99R11238
99R11239
99R11240
99R11241
99R11242
99R11243
99R11244
99R11245
99R11246
99R11247
99R11248
99R11249
99R11250
99R11251
99R11252
99R11253
99R11254
99R11255
99R11256
99R11257
99R11258
99R11259
99R11260
99R11261
99R11262
99R11263
99R11264
99R11265
99R11266
99R11267
99R11268
99R11269
99R11270
99R11271
99R11272
99R11273
99R11274
99R11275
99R11276
99R11277
99R11278
99R11279
99R11280
99R12025
99R12026 (1153.9 Au, 1854 Ag, 218.86 Sb, 59.17 Bi, 1075 Hg)
99R12027 (1375 Hg)
99R12028
99R12029 (1591.2 Au, 21,029 Ag, 1207.52 Sb, 952.90 Bi) — gouge
99R12030 (14,387.5 Au, 38,353 Ag, 99,999 As, 2313.81 Sb, 4311.98 Bi) — rock
99R12031 (10252 Au, 34,818 Ag, 99,999 As, 788.93 Sb, 1676.77 Bi, 3089 Hg)
99R12032
99R12033
99R12034 (108.6 Au, 55.59 Sb, 25.95 Bi, 5036 Hg)
99R12035 (186.4 Au, 4422 Hg)
99R12036
99R12037
99R12038
99R12039
99R12040
99R12041
99R12042
99R12043
99R12044
99R12045
99R12046
99R12047
99R12048
99R12049
99R12050
99R12051
99R12052
99R12053
99R12054
99R12055
99R12056
99R12057
99R12058
99R12059
99R12060
99R12061
99R12062
99R12063
99R12064
99R12065
99R12066
99R12067
99R12068
99R12069
99R12070
99R12071
99R12072
99R12073
99R12074
99R12075

649000 E

7114000 N

6400 E | 6500 E | 6600 E | 6700 E | 6800 E | 6900 E | 7000 E | 7100 E | 7200 E | 7300 E | 7400 E

3700 N

3600 N

3500 N

3400 N

3300 N

3200 N

3100 N

3000 N

7113000 N

649000 E

99R10314 — rusty monzonite

99R10315 — 37

99R10316 (259.6 ppm As) — ch/org/mafic intr.; rusty monzonite

99R10317 — org/monzonite

99R10238 — bm talus

99R10239 — bm

99R10240 (883.2 ppm As) — arsenopyrite monzonite

99R10243 — felsic intr. talus

99R10310 — 99R10311 — 99R10312 — 99R10313

99X04307 (357 ppb Au, 690 ppm As) 30cm
99X04308 (564 ppb Au, 539 ppm As) 60cm
99X04309 (506 ppb Au, 509.1 ppm As) 170cm

99R10343 (2.7 ppm Ag)
99R10344
99R10345
99R10346
99R10386
99R10385
99R10309
99R10299
99X02126 (111.7 ppb Au, 1259.5 ppm As)
99R10298
99R10285
99R10296 (480 ppb Au)
99X02121 (262.1 ppb Au, 1696 ppm As)
99R10286
99R10287
99R10384
99R10377
99X02117 (160.7 ppb Au, 1436 ppm As)
99X02118 (89.3 ppb Au, 671 ppm As)
99X05314 (211.6 ppb Au, 1824 ppm As) 30cm
99X05313 (137 ppb Au, 1375 ppm As) 60cm
99X05312 (149 ppb Au, 1544 ppm As) 90cm
99R03084
99R03086 (104 ppb Au, 125.7 ppb Ag, 2.24 ppm Bi)
99R03087 (1.1 ppm Ag)
99R03096

LEGEND

SYMBOLS

- Outcrop
- Talus
- Lithologic contact: observed, assumed
- Layering: included, vertical
- \+ Soil sample (rock chip lithology)
- ▲·····▲ Rock sample (intermittant rock samples)
- \- No sample
- Pit
- Creek
- Helicopter pad

SEDIMENTARY ROCKS

- org Argillite
- ch Chert
- st Siltstone
- lst Limestone

INTRUSIVE ROCKS

- monzonite Monzonite
- intr. Felsic Intrusive
- bm Biotite monzonite
- mafic intr. Mafic Intrusive
- granite Granite

SOIL PITS

0 25 50 75 100 150 200
METRES

LUMINAI DRAFTING LTD. yuk-area5

INTERNATIONAL KODIAK RESOURCES INC.

OKI DOKI PROPERTY
Yukon Territory

AREA 5

GRID GEOLOGY, ROCK SAMPLES, ROCK ASSAYS

DATE : Mar. 2000	DATA BY : International Kodiak Resources Inc.
SCALE : 1:2,500	FIGURE : 13A

094118

DIAND - YUKON REGION, LIBRARY