ASSESSMENT REPORT

2004 DIAMOND DRILLING PROGRAM

ON THE

CAT MOUNTAIN PROPERTY

Omenica Mining Division

NTS 94C3W

Latitude 56° 04'N; Longitude 125° 21' W

For

LYSANDER MINERALS CORPORATION

By

P. E. Fox, PhD., P.Eng.

Vancouver, B.C.

May 6, 2005

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SUMMARY

The Cat Mountain property is a gold-copper prospect situated in the Quesnellia geological province some 300 kilometres northwest of Prince George, British Columbia. The property lies along the east perimeter of the large Hogem batholith where small satellite intrusions of this body intrude the Witch Lake Formation of the Takla Group volcanic rocks.

Gold was discovered on the summit areas of Cat Mountain in the 1940s in the form of narrow magnetite rich veins and lodes, which were tested by trenching and several short diamond drill holes in 1979. Comprehensive programs were carried out in the late 1980s and throughout the 1990s. The 2004 program continued exploration of the so-called Bet zone lying on the summit and westerly slopes of the mountain. Hole 04-8 was collared at the site of hole 89-1 and was drilled at -75° on an azimuth of 315° to a depth of 544.7 metres. The purpose was to test the Bet zone to depth and confirm previous results from hole 89-1. Hole 04-9 was collared 100 metres west at the site of hole 90-1, previously drilled by BP Minerals, to determine the geometry of the zone along section 189+80N. Hole 04-9 cored to a depth of 672 metres at -75° on an azimuth of 090°. A total of 1116.7 metres of NQ and HQ coring was completed between September 13 and September 24, 2004. A total of $238,672 was expended and one year applied to the Cat 1-9, D8 and the Bet 1 claims (159 units).

INTRODUCTION

Gold was discovered on the summit area of Cat Mountain in the 1940s and since that time a number of exploration programs have been conducted by Lysander Minerals Corporation and others to assess the potential of these and nearby prospects. The original showings comprise a number of steeply dipping magnetite and magnetite-quartz-calcite veins up to one metre thick often weathered to gosssan and a box textured aggregate of limonite and quartz. Variable amounts of chalcopyrite, pyrite, native gold, hematite, malachite and azurite are also present.

Prospecting to the west and south discovered numerous other showings comprising disseminations and fracture-fillings of malachite, azurite, chalcopyrite, pyrite and chalcocite in intrusive rocks and coarse fragmental rocks of the Witch Lake Formation, collectively known as the Bet Zone. The latter was tested by some 21 drill holes by BP Minerals and Lysander Minerals between 1989 and 1995. Core recovery from most of these holes was poor and results inconclusive. Lysander Minerals recommissioned the property in 2004 and drilled two deep diamond drill holes to confirm prior drill results and to test the Bet zone at depth. Results of this program are reported herein.

LOCATION AND ACCESS

The Cat prospect is situated in the Omenica Mining Division at 56° 04' N, 125° 21' W, NTS 94C3W some 300 km northwest of Prince George, British Columbia (Figure 1). Access from Prince George, the regional economic centre, is either from Ft St James 200 km to the south via the Omenica road or from Mackenzie some 250 km to the southeast along the Kemess mine and Osilinka and Thane Creek forestry roads (Figure 2). Local access to the claims and camp area is by a logging branch road that leaves the Thane Creek access road at kilometre 7. Seasonal 4wd access trails lead east from the camp to the summit areas of Cat Mountain.

LYSANDER MINERALS CORP.

CAT Mountain Project

LOCATION MAP

★ Property Location

National or Provincial Park

0 150 300

Scale in Kilometres

CREST Geological

Figure 1

CLAIMS

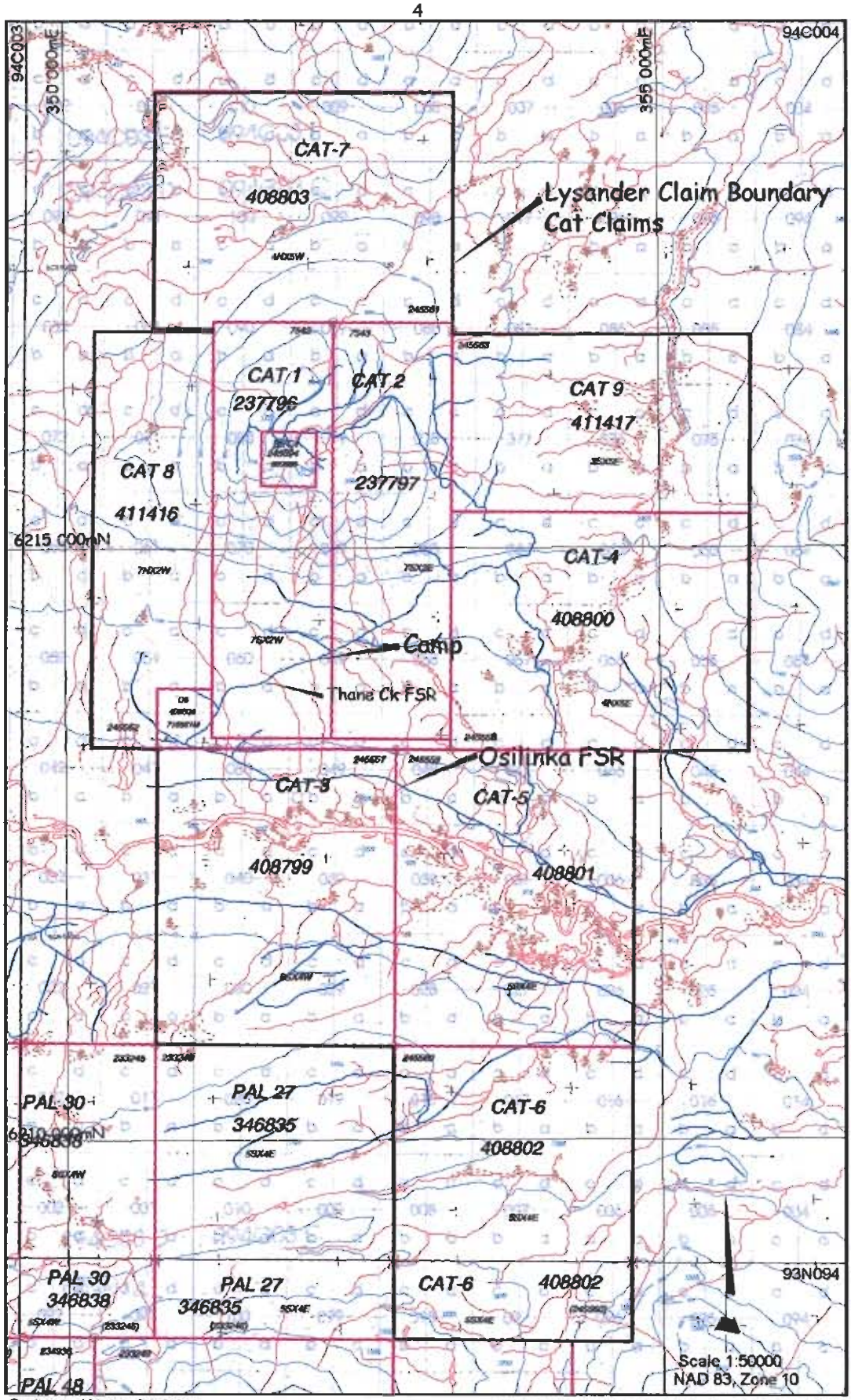
The property (Figure 2) consists of the following mineral claims all owned 100% by Lysander Minerals Corporation (116256). The expiry date shown below in Table 1 assumes the work documented herein is approved.

Table 1: Claims Status

Claim Name	Tenure Number	Expiry date	Units
Bet 1	245694	November 28, 2006	1
Cat 1	237796	February 28, 2007	14
Cat 2	237797	February 28, 2006	14
Cat-3	408799	February 28, 2006	20
Cat-4	408800	February 28, 2006	20
Cat-5	408801	March 1, 2006	20
Cat-6	408802	March 1, 2007	20
Cat-7	408803	March 2, 2006	20
Cat 8	411416	June 19, 2006	14
Cat 9	411417	June 19, 2006	15
D8	408804	February 28, 2006	1

HISTORY

Exploration work dates back to 1957 when Croyden Mines completed trenching and two short drill holes on magnetite lodes exposed on the summit area of Cat Mountain. Croyden dropped their interest in 1963 and the prospect was later staked by A. Gerun who located the Bet 1 claim. A limited amount of geological mapping and ground magnetic surveys were completed at that time. BP Resources Canada ("BP") staked the property in 1975 and completed soil and silt sampling along with geological mapping. In the following year, BP completed 100km of grid, geological mapping (1:12000) and soil sampling delineating a large copper anomaly on Cat Mountain, ground magnetic surveys and 6km of IP work. A low level magnetic survey was also completed at this time. A number of small drilling campaigns were completed following BP's work: two holes in 1977 totaling 315m and 7 EX drill holes (214m) in 1979.



Omineca Mining Division
Map to Accompany 2005 Assessment Report
By P.E. Fox, PhD., P.Eng.

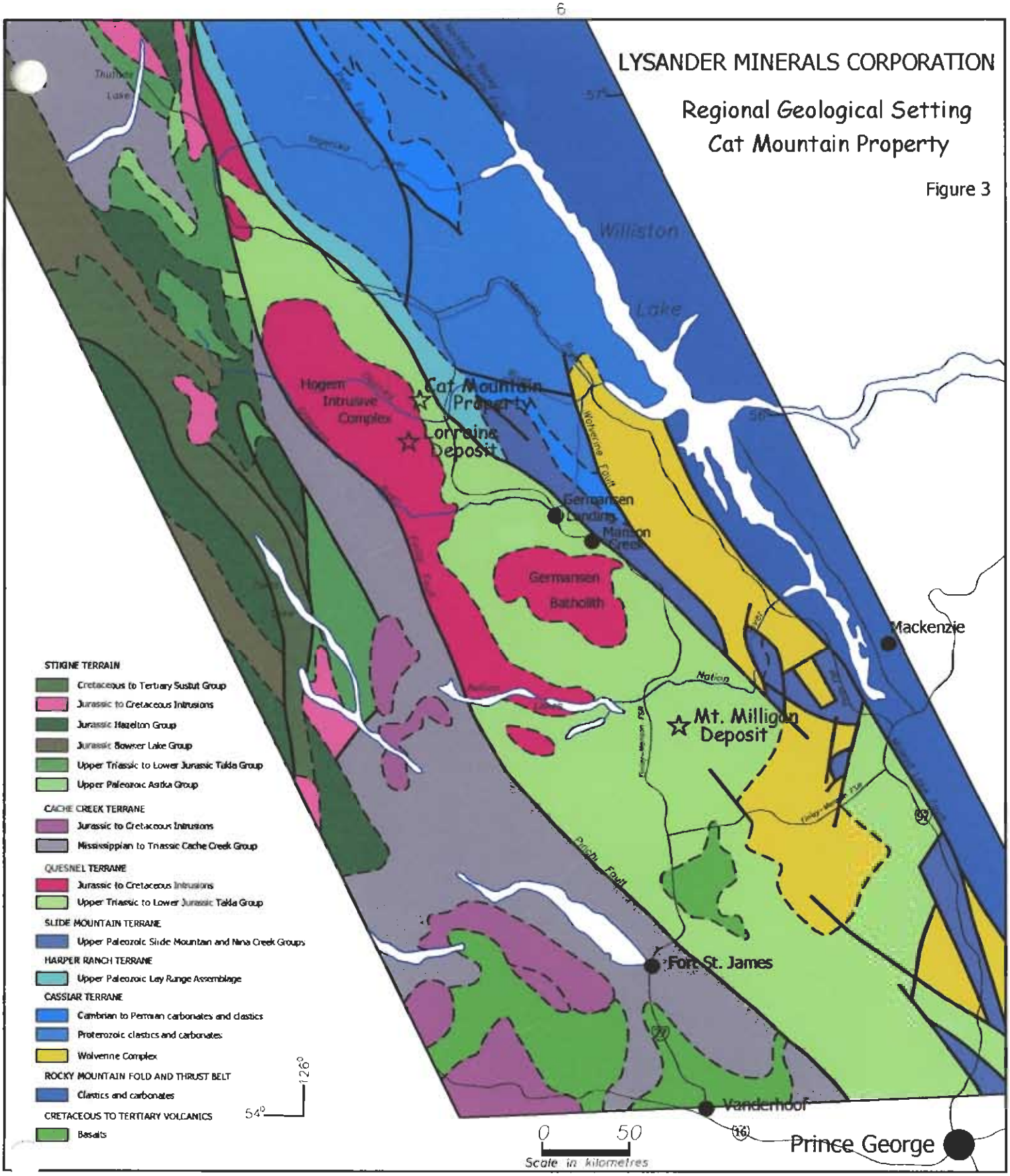
LYSANDER MINERALS CORP.
Cat Mountain Property
Cat Claims

Figure 2

BP Resources acquired the property in 1986 forming a joint venture with Lysander Gold Corporation and exploration resumed in 1989 completing 47km grid work (magnetic and soil surveys) and trenching. In the same year, Lysander, as operator, completed 552m of drilling on the Bet zone (holes 89-1 to 6) and on the south magnetic anomaly (89-7). In 1990 BP completed extensive IP and magnetic surveys over the grid area, trenching, geological mapping (1:5000) and 14 diamond drill holes (2165m, holes 90-1 to 14). Drilling work continued into 1991 when BP completing a further 15 holes (91-15 to 29) comprising 2122m of core drilling. A small program was conducted by BP in 1992 including a low level airborne magnetometer survey (results of this work are no longer available). Lysander Minerals as sole owner carried out two drilling campaigns in 1994 and 1995 completing seven diamond drill holes on the Bet zone - holes 94-1,2,3 (465m) and 95-4,5,6,7 (178m). These campaigns suffered difficult drilling conditions rendering encouraging but inconclusive results. Lysander recommissioned the property in 2004, successfully completing holes 04-8 and 04-9, a total of 1117m, with combined NQ-2 and HQ equipment.

REGIONAL GEOLOGY

The Cat prospect lies along the east contact of the large Hogem batholith in Upper Triassic volcanic rocks of the Takla Group (Figure 3). The latter on Cat Mountain comprise the Witch Lake Formation here comprising thick, massive basaltic breccias and pyroclastic rocks overlying tuffs, argillite and lesser limestone of the Inzana Lake Formation, which underlies much of the east slopes of the Mountain and low-lying terrain farther east. The Lorraine copper deposit lies 25 km to the south and the large Mt. Milligan Cu-Au deposit is situated 250 km to the south just east of Nation Lakes. The regional terrane-bounding Pinchi fault, which in large part separates the Cache Creek Terrane from the Takla Group, lies 50 km to the west and the Manson fault lies immediately east. These extensive fault structures are believed to be graben faults that bound the Quesnel Terrane to the west and east respectively (Figure 3).


LYSANDER MINERALS CORPORATION
Regional Geological Setting
Cat Mountain Property
Figure 3
Hogem Intrusive Complex
Cat Mountain Property
Lorraine Deposit
Germansen Landing
Germansen Batholith
Mackenzie
Mt. Milligan Deposit
Fort St. James
Vanderhoof
Prince George
Williston Lake
Wolverine Fault
Pinchi Fault
STIKINE TERRANE
Cretaceous to Tertiary Sustut Group
Jurassic to Cretaceous Intrusions
Jurassic Hazelton Group
Jurassic Bowser Lake Group
Upper Triassic to Lower Jurassic Takla Group
Upper Paleozoic Asitka Group
CACHE CREEK TERRANE
Jurassic to Cretaceous Intrusions
Mississippian to Triassic Cache Creek Group
QUESNEL TERRANE
Jurassic to Cretaceous Intrusions
Upper Triassic to Lower Jurassic Takla Group
SLIDE MOUNTAIN TERRANE
Upper Paleozoic Slide Mountain and Nina Creek Groups
HARPER RANCH TERRANE
Upper Paleozoic Ley Range Assemblage
CASSIAR TERRANE
Cambrian to Permian carbonates and clastics
Proterozoic clastics and carbonates
Wolverine Complex
ROCKY MOUNTAIN FOLD AND THRUST BELT
Clastics and carbonates
CRETACEOUS TO TERTIARY VOLCANICS
Basalts
54°
126°
0
50
Scale in kilometres

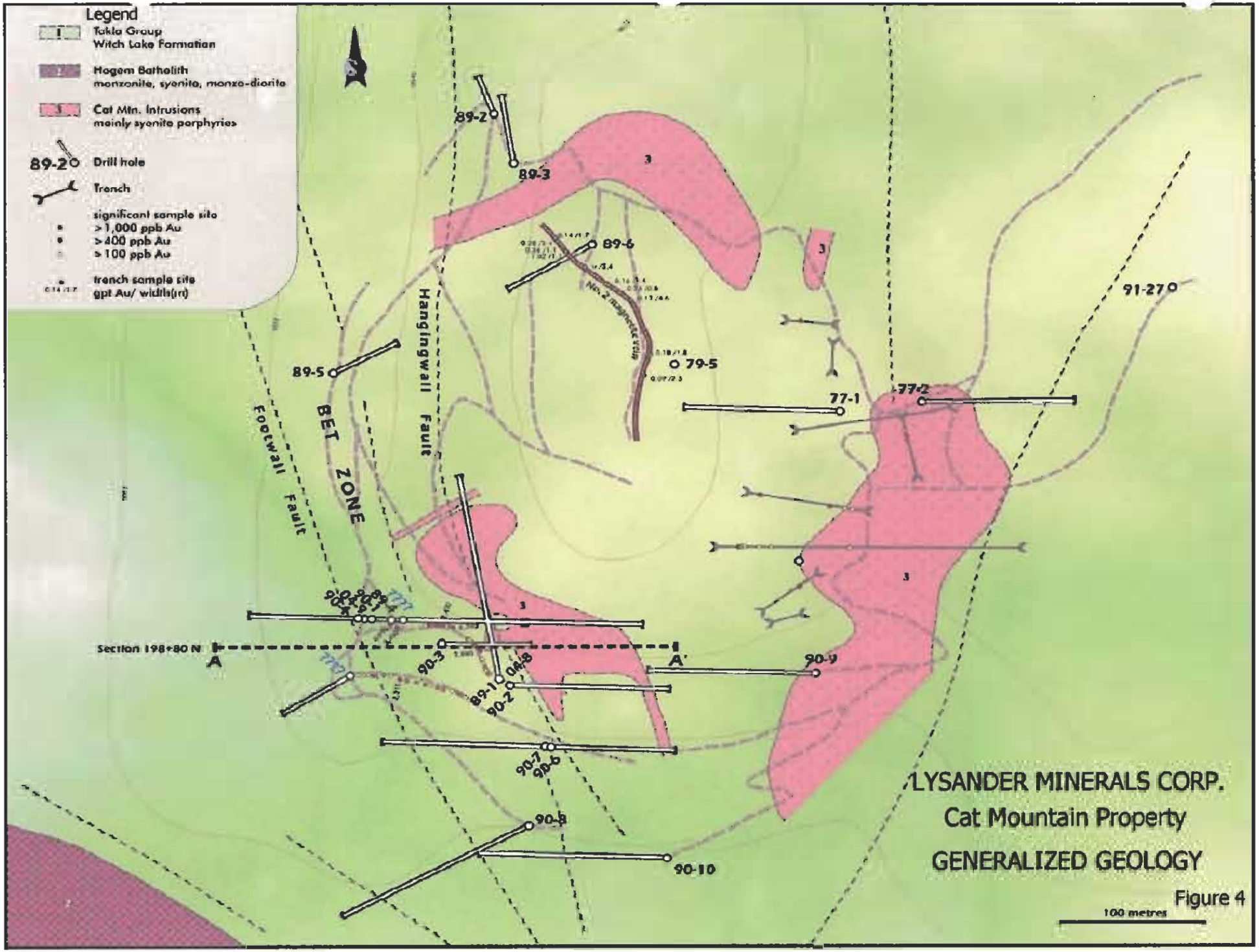
GEOLOGY OF CAT MOUNTAIN

Local geology of Cat Mountain is shown in Figure 4. Bedrock consists of monzonite, syenite and diorite of the Hogem Batholith, which outcrops at the southeast corner of the map area (Unit 2), basaltic breccias and coarse pyroclastic rocks of the Witch Lake Formation (Unit 1), which underlies most of the area, and small syenitic bodies that comprise the Cat Mountain intrusive suite (Unit 3). The latter comprise porphyritic syenite and monzonite and local megacrystic phases that form irregular dikes and small stocks in a roughly circular pattern that are believed to be satellite bodies of the Hogem Batholith to the west and south. The magnetite lode that attracted early prospectors is noted along with the footwall and hanging wall faults that are believed in part to bound the Bet zone. The drill collars for 04-8 and 04-9 are also noted. Northerly-trending faults are common and are thought to be primary controls on the distribution of Cu-Au mineralization.

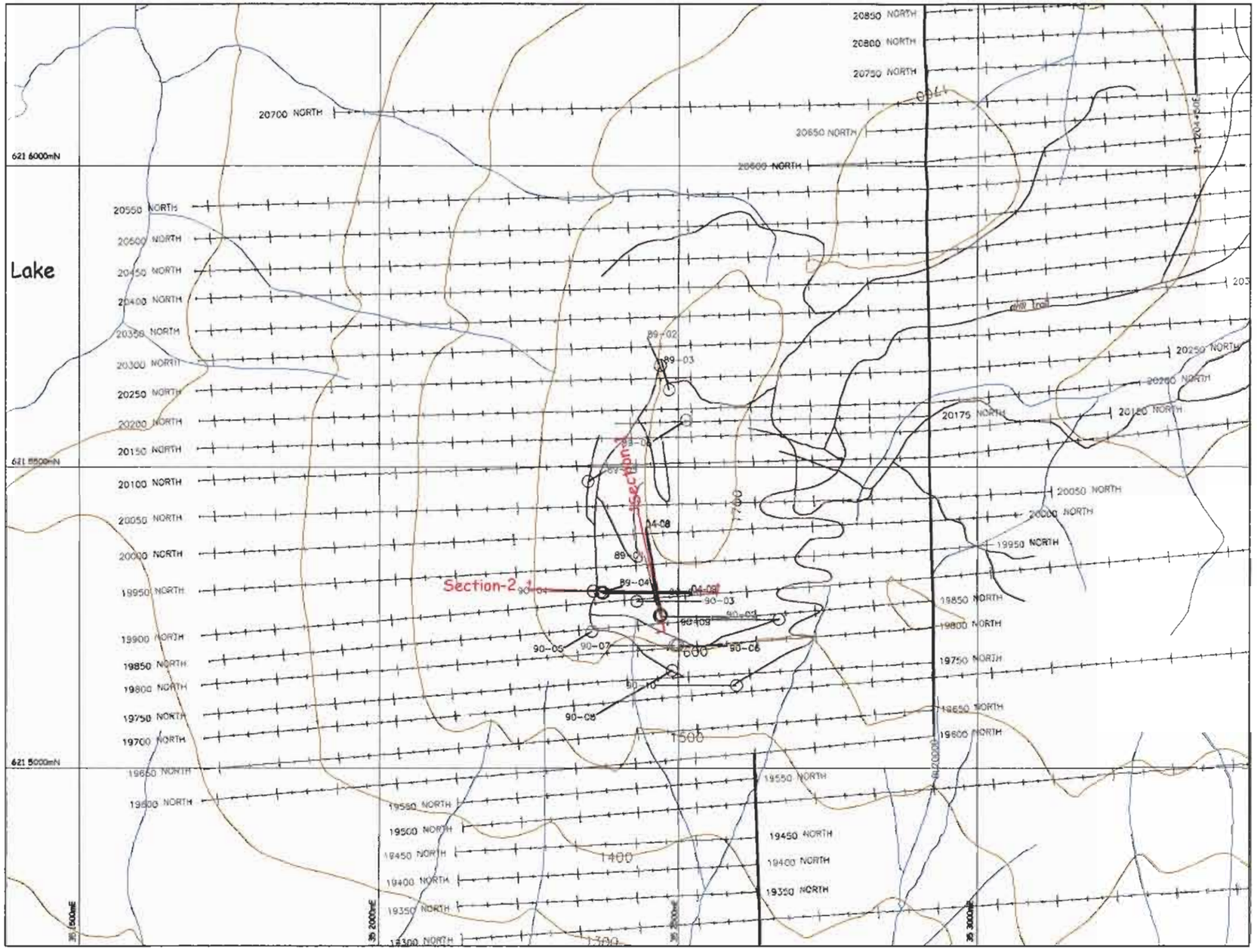
EXPLORATION PROGRAM

The 2004 exploration program consisted of rehabilitation of original access roads from the Thane Creek road to the drill area on the summit area of Cat Mountain together with the coring of two diamond drill holes on the Bet zone just south of the summit ridge of Cat Mountain. The purpose of the drill program was to confirm previous assay results obtained in past programs, to assess the geometry of the Bet zone and to test the mineralization to depth. Work was done under permit MX-10-108.

The road program was completed in August with an excavator from Lomak Road Maintenance Corp based at the nearby Osilinka Camp and supervised by Mr. Donald Bragg of Lysander Minerals. A large number of culverts were installed and the drill access road from the summit ridge southerly along the west slope of Cat Mountain was rebuilt and made suitable for cat and ATV access to the two proposed holes on the original Bet zone exposure. Two drill sites for


Legend
Takla Group
Witch Lake Formation
Hogem Batholith
monzonite, syenite, monzo-diorite
Cat Mtn. Intrusions
mainly syenite porphyries
Drill hole
Trench
significant sample site
> 1,000 ppb Au
> 400 ppb Au
> 100 ppb Au
trench sample site
gpt Au/ width(m)
89-2
89-3
89-6
89-5
79-5
77-1
77-2
91-27
90-3
89-1
90-2
90-7
90-6
90-8
90-10
90-9
Section 198+80 N
A
A'
Footwall Fault
BET ZONE
Hangingwall Fault
LYSANDER MINERALS CORP.
Cat Mountain Property
GENERALIZED GEOLOGY
Figure 4
100 metres

holes 04-8 and 04-9 were prepared. Drill holes 04-8 and 04-9 were completed between September 13 and 24 by Britton Brothers of Smithers, B.C., with a Super Longyear 38 machine utilizing both HQ and NQ2 equipment. Generally HQ core was set to 40m and NQ2 thereafter. Drill water was obtained from a small creek 300 metres northeast of the drill area and pumped to the drills with a standard supply pump. Small sumps were prepared at each site for overflow. The drill pads were leveled and cleaned of debris and the sumps filled at the completion of drill operations. Hole 04-8 was collared at the site of hole 89-1 and was drilled at -75° on an azimuth of 315° to a depth of 544.7 metres. The purpose was to test the Bet zone to depth and confirm previous results from hole 89-1. Hole 04-9 was collared 100 metres west at the site of hole 90-1, previously drilled by BP Minerals, to determine the geometry of the zone on section 189+80N. Hole 04-9 cored to a depth of 672 metres at -75° on an azimuth of 090°. A total of 1116.7 metres of NQ/HQ coring was completed. Core was logged for lithology and rock quality, tagged and sampled on two-metre intervals. Core halves were obtained with a rock saw, bagged and shipped to Acme Analytical Laboratories for group 1D and 3B (gold) elements by HCl-HNO_3 ICP-ES procedures. The 2004 drill plan is given in Figure 5 and a cross section for each hole, Section 1 for 04-08 and Section 2 for 04-09, showing lithology and gold assays in Figures 6 and 7 respectively. Drill logs are given in Appendix I. Geochemical analysis certificates are given in Appendix II. Nine core samples were submitted to Vancouver Petrographics for thin section study. Sample descriptions are given in Appendix III. Software used to interpret data, produce the maps and report includes MS Word, MS Excel, Lagger and AutoCad.



SYMBOLS

89-03 — *Pre 2004 Drill Holes*

04-09 — *2004 Drill Holes*

Section-1 — *Section Line and Number*

20700 NORTH — *Gridline and stations (25m)*

Scale: 1:7500

Metres

LYSANDER MINERALS CORPORATION

Cominco Mining Division

Cat Mountain Property

2004 DRILL PLAN and SECTION LINES

Figure: 5

RESULTS

Drill holes 04-8 (Figure 6) and 04-9 (Figure 7) cored variably altered and mineralized coarse basaltic pyroclastics, massive plagioclase phyric flows and breccia together with minor syenitic dikes throughout their lengths. Intense potassic alteration comprising alkali feldspar, biotite, magnetite and pyrite occurs in the upper 100 metres and appears to decrease down-hole into largely barren host rocks. K-feldspar+prehnite segregation veins, breccia fillings and irregular masses often with coarse pyrite occur throughout. Significant results were obtained from the upper parts of both holes 04-8 and 04-9. Results are summarized below and noted in the attached cross sections.

Hole	From(m)	To(m)	Length(m)	Cu%	Au ppb
04-8	3	42	39	0.14	1240
04-9	3	30	27	0.23	840

Steeply dipping pyrite-magnetite structures containing 1gpt gold or higher appear to be the chief controls on mineralization. These zones often fill faults and shear zones and appear largely restricted to the host volcanic strata. Intervening host rock is also mineralized but of low gold tenor. Further work should be concentrated on tracing these mineralized structures northerly along the trace of the Bet zone.

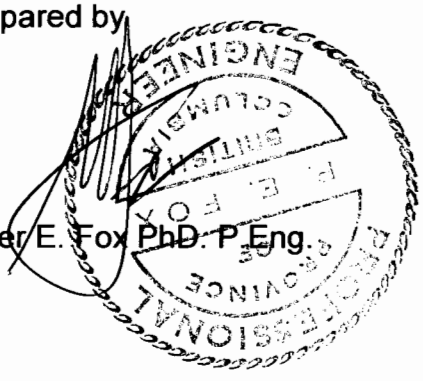
EXPENDITURES

Program costs based on invoice amounts from the various suppliers for the above detailed work are tabulated below. Total expenditures for the 2004 program are $238,672 (Table 2). This work was applied as assessment work on February 24, 2005.

Table 2: Project Expenditures

Assays	Acme Analytical Labs invoice	14,495
Diamond drilling	Britton Brothers contract	116,321
Equipment rentals	United Rentals, power plant invoice	2,831
Camp costs	Supplies, food	23,302
Labour	Donald Bragg, manager, 83.3 days	24,996
	Peter Fox, geologist, 35.6 days	17,805
	Richard Ney, sampler, 68.2 days	17,055
Road preparation	Lomak Road Maintenance, invoice	14,502
Vehicle rentals	National Car Rental 4wd, contract	6,367
Program Total		$238,672

Prepared by



Peter E. Fox PhD. P.Eng.

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STATEMENT OF QUALIFICATIONS

I, Peter E. Fox of Richmond, British Columbia do hereby certify that I:

am a graduate of Queens University in Kingston, Ontario with a Bachelor of Science and Master of Science degrees in Geological Sciences in 1959 and 1962, and a graduate of Carleton University, Ottawa, Ontario with a degree of Doctor of Philosophy in 1966.

am a member of the Association of Professional Engineers and Geoscientists of British Columbia.

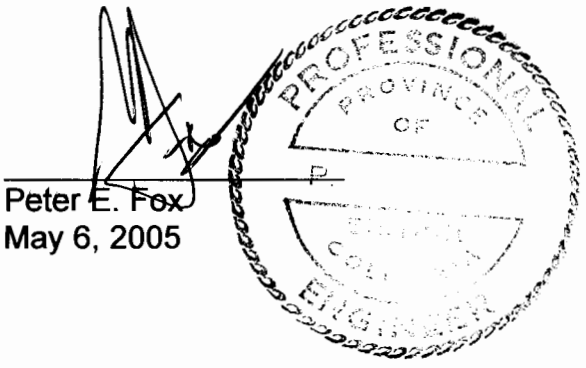
have practiced my profession since 1966.

am a consulting geologist.

am the author of the report entitled "Assessment Report on the 2004 Diamond Drilling Program on the Cat Mountain Property".

Dated at Richmond, British Columbia this 6th Day of May, 2005.

Respectfully submitted,



Peter E. Fox
May 6, 2005

APPENDIX I

DIAMOND DRILL LOGS FOR DRILL HOLES 04-8 AND 04-9

LYSANDER MINERALS CORPORATION

Project: Cat Mtn
HOLE# 04-8
Location 62150505N, 0352575E
Azimuth 350°
Dip -75°
Length 544.7m
Purpose Deep test Bet Zone

Section 198+30N
Elevation 1632m
Date logged Sept 14 04
Core HQ 0-40m ->NQ

Started Sept 13 04
Completed Sept 19 04
Logged by PF
Sampled by RN

Dip Tests

264	-74°	544	-75°
309	-74°		
426	-74°		
460	-74°		
508	-74°		

From	To	Description	R	A	Rk	Sample	to	length	RQ	K	Py	Cp	Cu ppm	Au ppb	Co ppm
0	3.3	Casing	o												
3.3	7.3	Rubble, broken core, small 1cm blocks grey-green volcanics	o			205001	4	0.7	A	0			160	1934	42
	17.7	WITCH LAKE VOLCANICS (WLF,2b)	V		2ba	205002	6	2	A	1			3552	1718	130
		Blocky broken core to 17m, variable altered basaltic breccia,	V		2ba	205003	8	2	B	2			1382	1359	91
		grey-green, mottled, massive with numerous 2 - 4cm augite	V		2ba	205004	10	2	B	1	1		9827	59	36
		porphyry clasts. Augite-plagioclase matrix variably altered	V		2ba	205005	12	2	B		1	1	>10000	93	80
		to pinkish Kfeldspar, magnetite (1-5%), biotite and trace	V		2ba	205006	14	2	A	1	1		3441	45	33
		pyrite. Alteration consists of mottling of pink K feldspar.	V		2ba	205007	16	2	B				1314	117	56
		Malachite stain 9-11m.	V		2ba	205008	18	2	C	1	1	1	3762	119	34
		Comment: very coarse magnetite, malachite, azurite,pyrite	V		2ba	205009	20	2	C		1	1	436	151	30
		at 10-12m, malachite - 18-22., trace chalcopyrite at 22m.	V		2ba	205010	22	2	D	1	1	1	80	47	15
17.7	54	WITCH LAKE VOLCANICS (2ba)	V		2ba	205011	24	2	D	1	1		129	143	14
		Intensely altered massive volcanic breccia variably altered to	V		2ba	205012	26	2	D	1			142	69	27
		dull pinkish K feldspar and disseminated magnetite - strongly	V		2ba	205013	28	2	D				151	73	23
		magnetic throughout.	V		2ba	205014	30	2	D	1			154	131	19
		19-20 Pink syenite dike - barren, altered to pink K feldspar	V		2ba	205015	32	2	D	1	1		426	212	44
		and trace quartz.	V		2ba	205016	34	2	D	1	1	1	207	240	25
		Comment: Rock overall mottled grey-pink with irregular	V		2ba	205017	36	2	D	1	1		222	1565	31
		patches and masses of K feldspar-magnetite-quartz common	V		2ba	205018	38	2	D	1	2		355	12925	67
		in irregular veinlets to 1cm. Cross-cutting grey quartz veinlets	V		2ba	205019	40	2	C	2	1		394	1888	80
		to 1cm and zeolite-calcite stringers common throughout 5/cm	V		2ba	205020	42	2	D	2	2	1	270	1990	47
		Local pegmatoid K feldspar-quartz-pyrite stringers to 1cm.	V		2ba	205021	44	2	E	2	2	1	210	687	43
		Thin section (TS) at 46m	V		2ba	205022	46	2	E	2	3		56	258	22
			V		2ba	205023	48	2	E	1	2	1	57	245	27
			V		2ba	205024	50	2	A	2		1	68	553	29
			V		2ba	205025	52	2	C	3	1		43	90	20
54	90	WITCH LAKE VOLCANICS	V		2ba	205026	54	2	C	2	2	1	453	618	45
		Barren looking grey volcanic breccia, massive. Rounded lithic	V		2b	205027	56	2	D	1	1	1	63	297	22
		fragments - augite-rich and minor plagioclase. Weakly altered	V		2b	205028	58	2	E		1		92	501	22
		to barren Pyritic with numerous aggregates of coarse pyrite	V		2b	205029	60	2	D	1	1		64	56	9
		Trace amounts pyrite and chalcopyite but generaliy barren	V		2b	205030	62	2	E		1		174	136	15
		looking, Strongly magnetic throughout - disseminated	V		2b	205031	64	2	E		1		250	215	52
		magnetite.	V		2b	205032	66	2	B	1	1		92	287	20
		90-100.4	V		2b	205033	68	2	B				280	416	47
		core broken weakly altered to K alteration - veinlets,	V		2b	205034	70	2	C	1	1		39	56	14

From	To	Description	R	A	Rk	Sample	to	length	RQ	K	Py	Cp	Cu ppm	Au ppb	Co ppm
		stringers, patches to 5cm. Numerous clasts to 4cm.	V		2b	205035	72	2	C	1	1		84	86	12
		100.4-105.7 Siltstone -*weakly bedded 40° CA*, Grey to pinkish	V		2b	205036	74	2	C	1	1		333	93	12
		very fine grained to cherty. Nonmagnetic.	V		2b	205037	76	2	C	1	1		28	23	12
		Thin section at 60m	V		2b	205038	78	2	C	1	1		5	16	9
			V		2b	205039	80	2	C	1	1		156	102	20
			V		2b	205040	82	2	C	1			164	65	17
			V		2b	205041	84	2	D	1	1		40	27	13
			V		2b	205042	86	2	D	1	1		48	19	12
			V		2b	205043	88	2	D	1	1		68	47	16
90	105.7	PYRITIC WLF and Siltone	V		2b	205044	90	2	D	1	2		152	101	21
		Witch Lake volcanic breccia with numerous coarse aggregates	V		2b	*205045*	92	2	B	1	3		3530	2837	320
		of pyrite, core broken, weakly altered to Kfeldspar as veinlets,	V		2b	205046	94	2	B	1	2		260	102	50
		stringers, irregular patches to 4cm. Strongly magnetic.	V		2b	205047	96	2	B	1	2		76	239	17
		100.4-105.7 Siltstone, *weakly banded 40° CA*, grey to pinkish,	V		2b	205048	98	2	B	1	1		378	48	73
		cherty. Pyritic,broken core, nonmagnetic.			2b	205049	100	2	B	1	3		1120	112	148
		Chemical analysis			2b	205050	102	2	B		1		165	17	31
					2b	205051	104	2	B		1		256	45	32
105.7	122.7	WITCH LAKE VOLCANICS			2b	205052	106	2	B		1		129	185	12
		Massive volcanic breccia, numerous augite-rich clasts, weakly	V		2b	205053	108	2	B	1	1		131	934	19
		altered, trace to 1% pyrite	V		2b	205054	110	2	B	1	3		1405	168	116
			V		2b	205055	112	2	C	2	2		187	107	20
			V		2b	205056	114	2	D	1	1		156	72	23
			V		2b	205057	116	2	D	1	1		185	703	12
			V		2b	205058	118	2	E	1	1		142	183	14
			V		2b	205059	120	2	D	1	1		55	31	11
122.7	132.7	SYENITE DIKE	+		5d	205060	122	2	D	1	1		79	11	18
		Pink, medium grained, massive, 90% blocky pink K feldspar	+		5d	205061	124	2	B	1			43	10	10
		crystals with interstial chloritized biotite and disseminated	+		5d	205062	126	2	B	1	1		111	87	16
		magnetite. Trace pyrite, very weakly altered to pink Kfeldspar	+		5d	205063	128	2	B	1	2		108	87	13
		stringers and fracture selvages. *TS 128m*	+		5d	205064	130	2	B	2	1		1131	517	110
132.7	200.4	WITCH LAKE VOLCANICS	+		5d	205065	132	2	C	1	1		176	64	15
		Coarse basaltic breccia with numerous clasts rich in 2mm	V		2b	205066	134	2	D	1	1		1371	2735	117
		augite grains, magnetite, plagioclase laths. Trace amounts	V		2b	205067	136	2	E	1	1		652	153	72
		disseminated pyrite, weak K feldspar alteration throughout.	V		2b	205068	138	2	D	3	1		256	67	27
		Alteration is pervasive, rarely as selvages and veinlets.	V		2b	205069	140	2	B	1	1		50	19	17
		161-161.5 Syenite dike	V		2b	205070	142	2	C	2	2		230	59	35
		172.7-173.5 Syenite dike. 4c° CA.	V		2b	205071	144	2	E	1	2		199	163	22
			V		2b	205072	146	2	D	1	1		27	9	10
			V		2b	205073	148	2	D	1	1		21	18	12
			V		2b	205074	150	2	E	1	2		34	33	13
			V		2b	205075	152	2	E	1	1		109	46	17
			V		2b	205076	154	2	E	2	3		3411	537	176
			V		2b	205077	156	2	E	1	1		32	18	12

From	To	Description	R	A	Rk	Sample	to	length	RQ	K	Py	Cp	Cu ppm	Au ppb	Co ppm
			V		2b	205078	158	2	E	1	1		20	19	14
			V		2b	205079	160	2	E	1	1		12	20	13
			V		2b	205080	162	2	E	2	1		95	15	22
			V		2b	205081	164	2	C	2	3		3912	853	285
			V		2b	205082	166	2	E	1	2		74	130	25
			V		2b	205083	168	2	E	1	2		600	123	69
			V		2b	205084	170	2	E	2	2		86	58	18
			V		2b	205085	172	2	E	2	1		68	12	16
			V		2b	205086	174	2	D	2	1		144	17	22
			V		2b	205087	176	2	B	2	1		160	24	36
			V		2b	205088	178	2	E	2	3		140	30	28
			V		2b	205089	180	2	E	2	2		42	22	12
			V		2b	205090	182	2	D	1	1		43	18	9
			V		2b	205091	184	2	D	4	2		357	131	27
			V		2b	205092	186	2	E	3	3		1904	375	98
			V		2b	205093	188	2	E	2	3		734	103	51
			V		2b	205094	190	2	D	3	2		229	64	27
			V		2b	205095	192	2	E	2	2		204	107	26
			V		2b	205096	194	2	E	2	2		108	74	16
			V		2b	205097	196	2	D	2	2		103	69	12
			V		2b	205098	198	2	D	2	2		113	47	14
200.4	266	PLAGIOCLASE PHYRIC BASALT (2d)	=		2d	205099	200	2	D	2	2		234	64	17
		Breccias merge downward into massive plagioclase phyric	=		2d	205100	202	2	D	1	2		148	62	29
		basalt then to pink mottled coarse vesicular unit with salmon	=		2d	205101	204	2	D	1	2		133	103	27
		pink (K feldspar ?) and white quartz filling vesicles and rubble	=		2d	205102	206	2	D	1	1		435	146	42
		zones - flow top unit(?). Coarse disseminated pyrite common,	=		2d	205103	208	2	C	1	1		223	97	31
		locally with chalcopyrite and masses of magnetite. Pinkish	=		2d	205104	210	2	D	1	2		304	184	36
		white fillings appear to be hematized silica? Magnetic.	=		2d	205105	212	2	C	1	1		352	739	27
			=		2d	205106	214	2	C	1	1		944	917	49
			=		2d	205107	216	2	D	1	2		510	257	42
			=		2d	205108	218	2	D	1	1		410	128	34
			=		2d	205109	220	2	D	1	1		171	75	29
			=		2d	205110	222	2	C	2	1	1	147	103	23
			=		2d	205111	224	2	C	1	1		92	92	20
			=		2d	205112	226	2	C	1	1		57	16	15
			=		2d	205113	228	2	D	1	1		134	24	23
			=		2d	205114	230	2	D	1	1		127	172	18
			=		2d	205115	232	2	D				102	55	20
			=		2d	205116	234	2	D				347	129	33
			=		2d	205117	236	2	E		2		306	243	31
		237-238 Breccia - grey volcanic fragments in pink matrix	=		2d	205118	238	2	C	2	2		225	47	24
			=		2d	205119	240	2	E	2	2		169	57	23
			=		2d	205120	242	2	E	2	2		430	227	61

From	To	Description	R	A	Rk	Sample	to	length	RQ	K	Py	Cp	Cu ppm	Au ppb	Co ppm
			=		2d	205121	244	2	E	2	1		442	156	29
			=		2d	205122	246	2	E	1	2		425	128	32
			=		2d	205123	248	2	E	2	1		519	217	33
			=		2d	205124	250	2	E	1	1		225	63	28
			=		2d	205125	252	2	E	1	1		328	320	25
		254 Wispy secondary biotite common, feldspar-cemented	=		2d	205126	254	2	E	1	1		627	793	36
		breccia, vuggy zones	=		2d	205127	256	2	E	1	1	1	357	117	37
			=		2d	205128	258	2	E	1	1		148	22	25
			=		2d	205129	260	2	E	1	1	1	193	38	31
			=		2d	205130	262	2	E	1	1	1	465	111	53
			=		2d	205131	264	2	E	3	3	1	91	81	26
266	473.8	WITCH LAKE VOLCANICS	=		2d	205132	266	2	E	1	1		218	85	20
		Augite basalt variably altered to pinkish K feldspar in veins and	V		2b	205133	268	2	D	2	1		517	48	31
		stringers, disseminated masses to 5cm-10cm, weakly pyritic	V		2b	205134	270	2	D	1	1		95	31	22
		Fine clusters	V		2b	205135	272	2	C	1	1		253	14	29
		Secondary biotite common throughout.	V		2b	205136	274	2	D	2	1		298	60	32
		Thin section at 274m	V		2b	205137	276	2	D	2	1		568	233	49
			V		2b	205138	278	2	D	1	1		158	79	19
			V		2b	205139	280	2	B	1	1		216	50	33
			V		2b	205140	282	2	C	1	1		248	51	29
			V		2b	205141	284	2	C	2	1		358	10	38
			V		2b	205142	286	2	B	2	1		278	73	30
			V		2b	205143	288	2	B	2	1		290	89	28
			V		2b	205144	290	2	B	2	1		1675	55	76
			V		2b	205145	292	2	B	2	1		396	48	34
			V		2b	205146	294	2	C	2	1		328	78	26
			V		2b	205147	296	2	C	2	1		117	23	26
			V		2b	205148	298	2	C	2	1		206	46	25
			V		2b	205149	300	2	B	2	1		171	40	22
			V		2b	205150	302	2	B	1	1		59	<2	32
			V		2b	205151	304	2	C	1	1		117	10	33
			V		2b	205152	306	2	C	1	2		469	25	74
		Chemical analysis	V		2b	*205153*	308	2	C	1	2		1306	108	85
			V		2b	205154	310	2	D	2	2		624	44	79
			V		2b	205155	312	2	D	2	2		741	53	89
			V		2b	205156	314	2	D	1	1		188	23	30
			V		2b	205157	316	2	D	1	1		205	130	17
			V		2b	205158	318	2	E	2	1		142	58	18
			V		2b	205159	320	2	E	1	1	1	381	553	24
		Thin section at 322m	V		2b	205160	322	2	E	2	1	2	456	697	26
			V		2b	205161	324	2	E	1	1	2	601	93	82
			V		2b	205162	326	2	E	2	1	1	222	14	23
		328-330 Monzonite dike 20° CA. Grey, mottled pink	+		2b	205163	328	2	E	1	1	1	175	38	24

From	To	Description	R	A	Rk	Sample	to	length	RQ	K	Py	Cp	Cu ppm	Au ppb	Co ppm
		crowded porphyry	V		2b	205164	330	2	E	4	1		45	5	8
		Much secondary biotite	V		2b	205165	332	2	E	1	1		48	4	16
		Thin section at 328m	V		2b	205166	334	2	E	1	1		38	11	16
			V		2b	205167	336	2	E	1	1		63	43	15
			V		2b	205168	338	2	E	1	1		121	27	28
			V		2b	205169	340	2	E	1	1		196	46	39
			V		2b	205170	342	2	E	1	1		60	15	22
			V		2b	205171	344	2	E	1	1		59	45	16
			V		2b	205172	346	2	E	1	1		24	15	22
			V		2b	205173	348	2	E	1	1		26	15	21
			V		2b	205174	350	2	E	1	1		28	27	19
			V		2b	205175	352	2	E	1	1		266	457	18
			V		2b	205176	354	2	E	1	1		98	94	19
			V		2b	205177	356	2	E	1	1		259	335	16
			V		2b	205178	358	2	E	1	1	1	208	158	50
			V		2b	205179	360	2	E	1	1	1	121	42	23
			V		2b	205180	362	2	E	2	2		641	157	144
			V		2b	205181	364	2	E	2	2	1	28	22	20
			V		2b	205182	366	2	E	2	3	1	588	127	119
			V		2b	205183	368	2	E	1	1		227	47	73
			V		2b	205184	370	2	E	1	1		113	26	63
			V		2b	205185	372	2	E	1	1		40	12	12
			V		2b	205186	374	2	E	1	2		21	11	19
		374-376 Massive pyrite with trace chalcopyrite, chloritic slips			2b	*205187*	376	2	E	1	5	1	5391	480	1406
		and coatings common. Secondary biotite decreasing to	V		2b	205188	378	2	D	1	2		139	35	70
		minor amounts, coarse augite porphyry -large clasts to 10cm.	V		2b	205189	380	2	E	2	1		139	19	41
		Chemical analysis	V		2b	205190	382	2	E	2	1		235	26	59
			V		2b	205191	384	2	E	1	1		167	37	23
			V		2b	205192	386	2	E	1	1		86	18	16
			V		2b	205193	388	2	E	2	2		263	34	32
			V		2b	205194	390	2	E	1	1		66	22	16
			V		2b	205195	392	2	E	1	1		345	48	45
			V		2b	205196	394	2	E	3	1		109	17	22
			V		2b	205197	396	2	E	1	1		115	30	17
			V		2b	205198	398	2	E	1	1		229	70	16
		400 - 400.5 Monzonite dike	V		2b	205199	400	2	E	1	1		142	43	18
			V		2b	205200	402	2	E	2	1		116	23	16
			V		2b	205201	404	2	B	1	1		162	11	26
			V		2b	205202	406	2	E	1	1		123	31	18
			V		2b	205203	408	2	E	1	1		104	26	15
			V		2b	205204	410	2	E	2	1		112	32	19
			V		2b	205205	412	2	E	2	1		48	9	18
			V		2b	205206	414	2	E	3	2		367	97	34

From	To	Description	R	A	Rk	Sample	to	length	RQ	K	Py	Cp	Cu ppm	Au ppb	Co ppm
			V		2b	205207	416	2	E	3	2		1186	115	58
			V		2b	205208	418	2	E	2	2		730	120	51
			V		2b	205209	420	2	E	2	1		507	39	46
			V		2b	205210	422	2	E	3	1		447	17	58
		Pyrite strigers common, disseminated K feldspar-magnetite	V		2b	205211	424	2	E	3	2		219	11	35
			V		2b	205212	426	2	E	3	2		699	22	50
			V		2b	205213	428	2	E	3	2		219	37	30
			V		2b	205214	430	2	E	2	1		192	16	27
			V		2b	205215	432	2	E	1	2		381	13	44
			V		2b	205216	434	2	E	1	1		51	7	30
		Gouge, broken			2b	205217	436	2	C	1	1		43	<2	38
		Gouge, broken			2b	205218	438	2	C	1	1		41	8	65
		Gouge, broken			2b	205219	440	2	C	2	1		164	29	54
			V		2b	205220	442	2	D	2	1		82	5	27
			V		2b	205221	444	2	C	3	1		76	28	32
			V		2b	205222	446	2	C	3	1	1	324	10	65
			V		2b	205223	448	2	D	2	2	1	123	19	29
			V		2b	205224	450	2	D	4	2	1	319	23	46
			V		2b	205225	452	2	D	3	1		155	11	37
			V		2b	205226	454	2	E	1	2		273	28	50
			V		2b	205227	456	2	E	1	2		654	83	123
			V		2b	205228	458	2	E	2	2	1	91	13	29
		Stringers and fillings K feldspar-pyrite-magnetite-quartz?	V		2b	205229	460	2	E	3	3	1	560	78	262
		Locally pyritic - 10cm sections	V		2b	205230	462	2	E	4	3	1	396	69	194
			V		2b	205231	464	2	D	3	3		568	75	247
			V		2b	205232	466	2	E	3	3	1	404	91	150
			V		2b	205233	468	2	E	3	2	1	161	54	57
		469-471.5 Massive to stringer pyrite	V		2b	205234	470	2	D	3	4	1	1024	341	453
			V		2b	205235	472	2	D	2	5	1	3261	372	1419
473.8	544.7	PLAGIOCLASE PHYRIC BASALT (2d)	=		2d	205236	474	2	D	2	5	1	849	102	547
		Plagioclase phyric basalt with lesser augite phenocrysts to	=		2d	205237	476	2	D	1	1		46	8	18
		2mm. Nonmagnetic.	=		2d	205238	478	2	C		1		795	70	70
		Massive, grey porphyry, 20% augite locally 30%, magnetic	=		2d	205239	480	2	C		1		67	8	47
		rare.	=		2d	205240	482	2	D		1		107	32	65
		Trace pyrite but generally barren, weak K alteration to absent.	=		2d	205241	484	2	E		1		28	10	11
			=		2d	205242	486	2	E	1			13	5	12
			=		2d	205243	488	2	E	1	1		17	5	13
			=		2d	205244	490	2	E	2	1		374	44	133
			=		2d	205245	492	2	E	1	1		11	2	14
			=		2d	205246	494	2	C		1		1694	6	40
			=		2d	205247	496	2	E	1	1		122	<2	39
			=		2d	205248	498	2	E		1		39	4	16
			=		2d	205249	500	2	E	1			68	7	29

From	To	Description	R	A	Rk	Sample	to	length	RQ	K	Py	Cp	Cu ppm	Au ppb	Co ppm
			=		2d	205250	502	2	E	1	1		41	5	15
			=		2d	205251	504	2	E		1		57	<2	17
			=		2d	205252	506	2	E	1	1		51	<2	16
			=		2d	205253	508	2	C	1	1		106	<2	24
			=		2d	205254	510	2	E	1			71	3	24
			=		2d	205255	512	2	E	1	1		75	<2	25
			=		2d	205256	514	2	E	1	1		50	8	21
			=		2d	205257	516	2	E	1			35	<2	27
			=		2d	205258	518	2	E	1			33	4	27
			=		2d	205259	520	2	D		1		222	10	32
			=		2d	205260	522	2	C	1	1		399	4	38
			=		2d	205261	524	2	E	1			159	14	18
			=		2d	205262	526	2	E	2	1		171	4	19
			=		2d	205263	528	2	E	1			158	13	14
			=		2d	205264	530	2	E	2	1		252	86	14
		Coarse epidote throughout, trace pyrite.	=		2d	205265	532	2	E	2	1		324	50	19
			=		2d	205266	534	2	E	1			502	85	27
			=		2d	205267	536	2	E	1	1		253	13	16
			=		2d	205268	538	2	E		1		355	15	22
			=		2d	205269	540	2	E	1			135	7	16
			=		2d	205270	542	2	E	1	1		1784	4	26
		EOH	=		2d	205271	544.7	2.7	E	1			104	2	34
		Note: K alteration is assemblage of pink K feldspar,medium				205272	Pulp	Standard CDN-CGS-3					6331	565	
		to coarse magnetite and minor quartz in veinlets, patche:				205273	Pulp	Standard CDN-CGS-3					6289	590	
		selvages often with fine to coarse pyrite and lesser amounts of													
		chalcopyrite. Epidote sometimes abundant and biotite locally				Core sampled with diamond saw.									
		abundant as fine grained aggregates.													
		RQ=rock quality. A=gouge, E=+1m sections.				Chemical analysis in italics									
		Bottom half of hole weakly altered to barren. Plagioclase													
		phyric unit 2d (after BP code) is generally barren. Recovery													
		+98%													

LYSANDER MINERALS CORPORATION

Project: Cat Mtn
HOLE# 04-9
Location 6215078N,0352477E
Azimuth 090°
Dip -75°
Length 572m
Purpose Test Bet zone to depth

Section 198+80N
Elevation 1642m
Date logged Sept 2004
Core HQ 0-40m ->NQ

Started Sept 19 2004
Completed Sept 24 2004
Logged by PEF
Sampled by RN

Dip Tests

136m	-74°	567	-75°
213	-74°		
286	-76°		
410	-75°		
511	-76°		

From	To	Description	R	A	Rk	Sample	to	length	RQ	K	Py	Cp	Cu ppm	Au ppb	Co ppm
0	3	Casing	o												
3	22	WITCH LAKE VOLCANICS (2b)	V		2b	205274	4	1	A		1		1510	537	53
		Compact basaltic breccia with 20cm basalt clasts, augite	V		2b	205275	6	2	A	1			2811	894	88
		phenocrysts 60%, plagioclase-rich matrix. Fine grained	V		2b	205276	8	2	A	1	1		4189	5449	190
		magnetite veinlets common, malachite-stained rubble to 30m.	V		2b	205277	10	2	B				1329	207	56
		Numerous rusty gouge to 30m.	V		2b	205278	12	2	B	1	1		620	273	37
		Reduce to NQ at 40m	V		2b	205279	14	2	C	1			213	170	14
			V		2b	205280	16	2	C	1	1		1142	270	52
			V		2b	205281	18	2	D				455	658	10
			V		2b	205282	20	2	D	1	1		391	252	12
			V		2b	205283	22	2	C	1			913	281	29
22	44	FELSIC DIKE (5D)	+		5d	205284	24	2	C				1588	1434	23
		Massive felsic dike, 20% augite phenocrysts in fine grained	+		5d	205285	26	2	B	1	1		1309	1158	39
		matrix, no fragments, no trace magnetite stockwork as above.	+		5d	205286	28	2	B	1			>10000	96	32
		Disseminated magnetite common. Trace amounts pyrite but	+		5d	205287	30	2	B				5603	127	28
		generally barren-looking - possible dike rock.	+		5d	205288	32	2	C				680	28	12
			+		5d	205289	34	2	C	1			499	34	13
			+		5d	205290	36	2	C		1		624	77	26
			+		5d	205291	38	2	B		1		400	58	21
			+		5d	205292	40	2	C				746	26	23
		Chemical analysis	+		5d	205293	42	2	D				590	19	14
44	95	WITCH LAKE VOLCANICS (2b)	+		5d	205294	44	2	D				222	51	10
		Augite-rich basaltic breccia, numerous compact clasts ~80%,	V		2b	205295	46	2	D		1		820	133	19
		in feldspathic matrix. Magnetite seams and veinlets and	V		2b	205296	48	2	D				88	72	12
		hairline "cracks", disseminated in both clasts and matrix	V		2b	205297	50	2	D				376	57	22
		Trace amounts pyrite.	V		2b	205298	52	2	E				1697	736	31
		Ground core at 42.7m, reduce to NQ core.	V		2b	205299	54	2	E				1630	113	21
		Weak K feldspar alteration to absent. Barren-looking.	V		2b	205300	56	2	C				1796	122	62
			V		2b	205301	58	2	E				201	145	17
			V		2b	205302	60	2	D	1			641	54	28
			V		2b	205303	62	2	D	1	1		377	87	36
			V		2b	205304	64	2	A				4436	181	56

From	To	Description	R	A	Rk	Sample	to	length	RQ	K	Py	Cp	Cu ppm	Au ppb	Co ppm
			g		2b	205305	66	2	A	1			3903	445	79
			V		2b	205306	68	2	D				1065	36	53
			V		2b	205307	70	2	D	1			103	29	21
			V		2b	205308	72	2	D	1			195	45	34
		Chemical analysis	V		2b	*205309*	74	2	E				69	34	36
			V		2b	205310	76	2	E				162	57	24
			V		2b	205311	78	2	E	1	1	1	206	37	22
			V		2b	205312	80	2	E				84	56	13
			V		2b	205313	82	2	E	1			51	41	12
			V		2b	205314	84	2	E	2	1	1	295	63	30
			V		2b	205315	86	2	E	1			124	44	25
			V		2b	205316	88	2	D	1	1		374	60	25
			V		2b	205317	90	2	B				>10000	130	145
			V		2b	205318	92	2	D	1	1		5986	92	73
			V		2b	205319	94	2	C				1790	17	43
			g		g	205320	96	2	A				1002	33	29
95	96	FAULT ZONE, GOUGE, LOST .9M CORE	V		2ba	205321	98	2	C	2	1		1696	23	34
96	139.8	WITCH LAKE VOLCANICS (2b Altered)	V		2ba	205322	100	2	E	2	1		74	27	12
		Augite porphyry with clasts to 5cm, intensely altered to K	V		2ba	205323	102	2	E	3	1		254	65	18
		feldspar + magnetite. Pyritic - disseminated and veinlets. Large	V		2ba	205324	104	2	E	3	3		165	89	10
		patches magnetite to 2cm and stringers. Rock change at fault	V		2ba	205325	106	2	D	3	3		106	36	16
		into altered volcanic unit - marked increase in K feldspar,	V		2ba	205326	108	2	D	3	2		210	103	11
		pyrite and magnetite (5%)	V		2ba	205327	110	2	D	3	2		199	97	18
			V		2ba	205328	112	2	D	3	3		86	154	16
			V		2ba	205329	114	2	E	3	3		428	173	42
		Chemical analysis	V		2ba	*205330*	116	2	E	3	4		831	489	84
			V		2ba	205331	118	2	D	3	4		383	189	42
			V		2ba	205332	120	2	D	3	3		421	174	37
			V		2ba	205333	122	2	D	2	2		97	57	19
		125 Gouge	V		2ba	205334	124	2	D	2	2		198	384	20
			g		2ba	205335	126	2	B	2	1		106	59	22
			V		2ba	205336	128	2	C	3	2		289	108	17
			V		2ba	205337	130	2	B	3	3		128	168	17
			V		2ba	205338	132	2	C	3	3		369	124	39
			V		2ba	205339	134	2	D	3	2		266	315	19
			V		2ba	205340	136	2	D	3	3		497	296	36
			V		2ba	205341	138	2	C	2	4		352	153	36
139.8	149	PYRITIC PINK MONZONITE DIKE (5D)	V		2ba	205342	140	2	B	1	1		197	226	16
		Mottled pink-grey, fine grained, numerous pyrite seams and	V		2ba	205343	142	2	C	1	1		145	140	20
		fracture coatings. Chlorite on fractures, weakly magnetic	+		2ba	*205344*	144	2	D	2	3		258	87	43

From	To	Description	R	A	Rk	Sample	to	length	RQ	K	Py	Cp	Cu ppm	Au ppb	Co ppm
		45° CA	+		2ba	205345	146	2	B	2	3		546	91	55
		Chemical analysis	+		2ba	205346	148	2	B	2	4		327	46	33
149	154.5	WITCH LAKE VOLCANICS (2b Altered)	V		2ba	205347	150	2	D	2	3		4116	149	42
		Mottled grey-pink, magnetite seams and irregular masses to	V		2ba	205348	152	2	D	2	3		28	6	17
		2cm. Disseminated pyrite throughout. Sheared and broken	g		2ba	205349	154	2	B	2	2		91	23	27
154.5	156	Gouge	g		g	205350	156	2	B	1			202	119	40
		End of altered zone	=		2d	205351	158	2	D		1		54	38	21
156	223.6	PLAGIOCLASE PHYRIC BASALT (2d)	=		2d	205352	160	2	B	1	1		41	55	20
		Plagioclase-augite phyric basalt or trachyandesite, massive,	=		2d	205353	162	2	B	1	1		24	38	23
		rare volcanic fragments, weakly altered to barren.	=		2d	205354	164	2	C				98	360	23
			=		2d	205355	166	2	E	1	1		8	67	16
			=		2d	205356	168	2	E				34	12	14
			=		2d	205357	170	2	E	1			35	20	15
			=		2d	205358	172	2	E	1			39	38	13
			=		2d	205359	174	2	E	1			38	14	12
			=		2d	205360	176	2	D	1			112	27	22
			=		2d	205361	178	2	D		1		33	71	10
		Very weak K alteration, massive, trace pyrite, barren.	=		2d	205362	180	2	E	1			44	10	13
			=		2d	205363	182	2	E	1			21	13	9
			=		2d	205364	184	2	E	1			23	16	7
			=		2d	205365	186	2	E	1			14	17	7
			=		2d	205366	188	2	E				93	38	11
			=		2d	205367	190	2	E	1			160	107	15
			=		2d	205368	192	2	E				145	27	20
			=		2d	205369	194	2	E	1	1		133	56	19
			=		2d	205370	196	2	E	1			18	9	10
			=		2d	205371	198	2	E	1			41	12	11
			=		2d	205372	200	2	E				71	33	15
			=		2d	205373	202	2	E	1			36	32	10
			=		2d	205374	204	2	E				43	89	11
			=		2d	205375	206	2	E	1			37	49	7
			=		2d	205376	208	2	E				288	57	29
			=		2d	205377	210	2	E				157	58	31
			=		2d	205378	212	2	E	1			75	33	14
			=		2d	205379	214	2	E				61	38	12
			=		2d	205380	216	2	E	1			141	238	12
			=		2d	205381	218	2	E				61	72	11
			=		2d	205382	220	2	E	1			112	59	14
			=		2d	205383	222	2	D	1	1		220	82	22
223.6	231.4	PINK MONZONITE DIKE (5D)	=		2d	205384	224	2	D				89	31	13

From	To	Description	R	A	Rk	Sample	to	length	RQ	K	Py	Cp	Cu ppm	Au ppb	Co ppm
		Pink, medium to coarse grained syenite/monzonite dike,	+		5d	205385	226	2	E	1	1		30	26	11
		contact 45° CA. Massive, grey 245-228m,porphyritic margins	+		5d	205386	228	2	E				52	22	18
		Gouge contact at 231`.4	+		5d	205387	230	2	D	1	1		25	12	4
231.4	249	PLAGIOCLASE PHYRIC BASALT (2d)	+		5d	205388	232	2	C				427	18	14
		Plagioclase-augite phyric basalt or trachyandesite, massive,	=		2d	205389	234	2	C				153	62	19
		rare volcanic fragments, weakly altered to barren.	=		2d	205390	236	2	E				134	76	20
			=		2d	205391	238	2	E	1	1		72	16	25
			=		2d	205392	240	2	D		1		70	26	28
			=		2d	205393	242	2	D		1		177	59	34
			=		2d	205394	244	2	E	1	3		35	24	22
			=		2d	205395	246	2	D	1	2	1	1106	856	222
			=		2d	205396	248	2	D	2	3		287	284	82
249	330	WITCH LAKE VOLCANICS (2b Altered)	V		2ba	205397	250	2	D	2	2		316	499	135
		Augite-rich basalt breccia with numerous clasts to 10cm.	V		2ba	205398	252	2	E	3	3		1287	1092	241
		Augite to 60% in plagioclase-rich matrix. Increase in K feldspar	V		2ba	205399	254	2	E	2	2		1465	1315	255
		alteration - largely replacement of matrix feldspar. Coarse	V		2ba	205400	256	2	E	3	3		343	682	85
		aggregates of pyrite throughout. Locally framboidal with	V		2ba	205401	258	2	D	3	2		928	3374	31
		distinct syngenetic appearance (primary?). Coarse magnetite	V		2ba	205402	260	2	D	2	3		729	250	72
		grains with K alteration. Pyrite content to 3%. Rock often	V		2ba	205403	262	2	E	3	2	1	645	189	73
		pegmatitic with coarse K feldspar-biotite-actinolite cavities	V		2ba	205404	264	2	E	3	3	1	147	96	27
		and vugs. Trace chalcopyrite throughout. Locally epidote rich	V		2ba	205405	266	2	E	3	2	2	965	363	144
		Banding 45° CA.	V		2ba	205406	268	2	E	3	2	2	203	62	31
			V		2ba	205407	270	2	E	3	4		3773	424	334
			V		2ba	205408	272	2	E	2	2		757	117	63
			V		2ba	205409	274	2	E	3	1		394	193	33
			V		2ba	205410	276	2	E	3	2	1	2302	276	211
			V		2ba	205411	278	2	E	2	3		611	74	41
			V		2ba	205412	280	2	E	4	2		241	68	28
			V		2ba	205413	282	2	E	3	3	1	119	46	21
			V		2ba	205414	284	2	E	3	3		220	36	28
			V		2ba	205415	286	2	E	3	3		96	64	26
		Chemical analysis	V		2ba	*205416*	288	2	E	4	3		101	34	25
			V		2ba	205417	290	2	E	4	2		62	49	23
			V		2ba	205418	292	2	E	5	3		28	41	22
			V		2ba	205419	294	2	E	4	3	1	117	40	31
			V		2ba	205420	296	2	E	3	3		198	114	33
			V		2ba	205421	298	2	E	2	4		217	91	33
			V		2ba	205422	300	2	E	2	3		620	256	41
			V		2ba	205423	302	2	E	3	3	1	301	83	35
			V		2ba	205424	304	2	E	4	2		519	35	49

From	To	Description	R	A	Rk	Sample	to	length	RQ	K	Py	Cp	Cu ppm	Au ppb	Co ppm
			V		2ba	205425	306	2	E	5	3		235	218	32
		306.9-307.2 Monzonite dike	V		2ba	205426	308	2	E	4	3	1	116	6	21
			V		2ba	205427	310	2	E	3	2		65	8	24
			V		2ba	205428	312	2	E	3	2		172	54	28
			V		2ba	205429	314	2	E	4	3		522	140	45
			V		2ba	205430	316	2	E	3	2		308	181	28
			V		2ba	205431	318	2	E	5	3		215	43	26
			V		2ba	205432	320	2	E	3	2		482	85	41
			V		2ba	205433	322	2	E	3	2	1	187	35	31
		Syenite dike 325-325.5	V		2ba	205434	324	2	E	2	1		103	71	28
			V		2ba	205435	326	2	E	3	2		110	14	32
			V		2ba	205436	328	2	E	3	3		356	102	40
330	352.3	Pegmatitic Volcanic Breccia	V		2ba	205437	330	2	E	4	2	1	891	270	66
		Coarse basaltic fragments enclosed by coarse masses of	V		2ba	205438	332	2	E	3	2		359	75	43
		K feldspar-actinolite-biotite. Trace chalcopyrite throughout,	V		2ba	205439	334	2	E	3	3		314	285	26
		pyrite+magnetite common to 5%. Trace molybdenite at 336m	V		2ba	205440	336	2	E	4	2		135	18	26
		on fractures.	V		2ba	205441	338	2	E	3	2		733	39	78
		Chemical analysis	V		2ba	*205442*	340	2	E	4	3		1094	56	151
			V		2ba	205443	342	2	E	4	2	1	408	144	37
			V		2ba	205444	344	2	E	3	2		211	90	36
		Gouge			2ba	205445	346	2	E	4	3	1	279	32	29
			V		2ba	205446	348	2	E	4	2		157	17	31
			V		2ba	205447	350	2	E	4	3		130	47	21
352.3	465.5	PLAGIOCLASE PHYRIC BASALT (2d)	V		2ba	205448	352	2	E	4	3		187	111	28
		Massive, weakly altered augite-plagioclase phyric basalt - rare	=		2d	205449	354	2	E	1	1		46	13	18
		clasts. Weakly altered to pink K feldspar - disseminated and	=		2d	205450	356	2	E	1			365	29	50
		irregular masses, rare veinlets. Trace amounts disseminated	=		2d	205451	358	2	E	2	1		863	29	66
		pyrite and veinlets << 1%. Strongly magnetic as disseminated	=		2d	205452	360	2	E	2	1		490	27	64
		magnetite. End of altered zone.	=		2d	205453	362	2	E	2	1		756	187	80
		357-357.5 Siltstone bed 30 deg CA, weak alteration, trace	=		2d	205454	364	2	E	2	1		155	80	18
		pyrite	=		2d	205455	366	2	E	2	1		20	10	20
			=		2d	205456	368	2	E	2	2		30	5	24
			=		2d	205457	370	2	E	1	1		21	5	21
			=		2d	205458	372	2	E	1	1		10	45	20
			=		2d	205459	374	2	E	2	1		96	8	28
			=		2d	205460	376	2	E	1	1		7	6	24
			=		2d	205461	378	2	E	1	2		5	3	22
			=		2d	205462	380	2	E	1	1		28	10	26
			=		2d	205463	382	2	E	1	1		22	20	24
			=		2d	205464	384	2	E	2	1		24	4	25

From	To	Description	R	A	Rk	Sample	to	length	RQ	K	Py	Cp	Cu ppm	Au ppb	Co ppm	
			=		2d	205465	386	2	E	1	1		67	11	26	
			=		2d	205466	388	2	E	1			73	5	25	
			=		2d	205467	390	2	E	1	1		287	21	60	
			=		2d	205468	392	2	E	2			537	55	66	
			=		2d	205469	394	2	E	1	1		1072	149	118	
			=		2d	205470	396	2	E	1	1		49	6	28	
			=		2d	205471	398	2	E	1			44	35	26	
		Siltstone bed 45° CA	=		2d	205472	400	2	E	2	1		733	34	25	
			=		2d	205473	402	2	E	1			33	4	24	
			=		2d	205474	404	2	E	1	1		108	1872	22	
			=		2d	205475	406	2	E	1	1		140	124	22	
			=		2d	205476	408	2	E	1	1		89	46	18	
			=		2d	205477	410	2	E	1			119	53	19	
			=		2d	205478	412	2	E	1	1		131	29	13	
			=		2d	205479	414	2	E				184	94	55	
			=		2d	205480	416	2	E	1			314	27	54	
			=		2d	205481	418	2	E	1	1		1155	331	35	
			=		2d	205482	420	2	E	1			170	33	19	
			=		2d	205483	422	2	E	1			109	13	22	
			=		2d	205484	424	2	E	1	1		123	17	16	
			=		2d	205485	426	2	E	1			142	14	18	
			=		2d	205486	428	2	E	1	1		248	37	13	
			=		2d	205487	430	2	E	1	1		153	58	10	
			=		2d	205488	432	2	E	1	1		66	10	14	
			=		2d	205489	434	2	E	1	1		150	25	16	
			=		2d	205490	436	2	E	1	1		72	15	15	
			=		2d	205491	438	2	E	1			122	14	10	
			=		2d	205492	440	2	E	1			183	35	29	
			=		2d	205493	442	2	E	1	1		184	44	18	
			=		2d	205494	444	2	E				242	59	12	
			=		2d	205495	446	2	E		1		199	66	17	
			=		2d	205496	448	2	E				149	23	24	
			=		2d	205497	450	2	E	1			116	17	22	
			=		2d	205498	452	2	E				253	35	22	
			=		2d	205499	454	2	E	1	1		103	10	22	
			=		2d	205500	456	2	E				133	20	28	
			=		2d	205501	458	2	E	1			344	22	55	
			=		2d	205502	460	2	E				65	7	31	
			=		2d	205503	462	2	E	1			270	53	60	
			=		2d	205504	464	2	E				224	81	22	

From	To	Description	R	A	Rk	Sample	to	length	RQ	K	Py	Cp	Cu ppm	Au ppb	Co ppm
465.5	510	WITCH LAKE VOLCANICS (2b Altered)	V		2ba	205505	466	2	E	2	2		1299	915	43
		Breccia unit, fragmental augite phyric basalt with clasts to 5cm	V		2ba	205506	468	2	E	2	2		414	103	28
		matrix supported, mottled grey-pink-green. Feldspathized	V		2ba	205507	470	2	E	2	2		178	44	16
		throughout - pink K feldspar matrix and local stringers and	V		2ba	205508	472	2	B	2	2		102	16	26
		veinlets. Pyritic - coarse aggregates and fine grained	V		2ba	205509	474	2	B	3	3	1	1090	25	118
		disseminations, fracture coatings. Trace amounts chalcopyrite	V		2ba	205510	476	2	E	3	2		317	44	77
		with epidote clots. Alteration variable - 2-4m barren sections.	V		2ba	*205511*	478	2	E	2	3		169	7	80
		Gouge at 480m. Chemical analysis	G		2ba	205512	480	2	B	3	2	1	586	13	151
			V		2ba	205513	482	2	B	3	3	1	128	5	52
			V		2ba	205514	484	2	E	4	3		380	7	83
			V		2ba	205515	486	2	E	3	2	1	712	23	205
			V		2ba	205516	488	2	E	3	2		226	9	65
			V		2ba	205517	490	2	E	3	2		65	5	19
			V		2ba	205518	492	2	E	2	2		130	5	34
			V		2ba	205519	494	2	E	1	1		1945	51	460
			V		2ba	205520	496	2	E	2	2		176	33	13
			V		2ba	205521	498	2	E	2	3		105	20	8
			V		2ba	205522	500	2	E	3	2		239	35	9
			V		2ba	205523	502	2	E	3	2		146	9	35
			V		2ba	205524	504	2	E	3	1		1078	12	172
			V		2ba	205525	506	2	E	2	2		523	5	71
			V		2ba	205526	508	2	E	2	3		96	4	40
			V		2ba	205527	510	2	E	4	2		2214	13	88
510	572	PLAGIOCLASE PHYRIC BASALT (2d)	"		2d	205528	512	2	E	3	2		124	8	24
		Massive augite-plagioclase porphyry - medium to intense	"		2d	205529	514	2	E	2	2		82	7	17
		K feldspar alteration in coarse patches and veinlets,	"		2d	205530	516	2	E	3	3		97	6	18
		irregular masses to 5cm. Disseminated pyrite through	"		2d	205531	518	2	E	4	2		156	4	23
		section, strongly magnetic and trace chalcopyrite.	"		2d	205532	520	2	E	2	1		137	10	22
			"		2d	205533	522	2	E	3	2		101	14	13
			"		2d	205534	524	2	E	2	2		245	16	27
			"		2d	205535	526	2	E	3	2		75	9	15
			"		2d	205536	528	2	E	3	2		142	18	17
			"		2d	205537	530	2	E	4	2	1	145	6	22
			"		2d	205538	532	2	E	3	3		412	20	49
			"		2d	205539	534	2	E	4	2	1	117	8	20
			"		2d	205540	536	2	E	3	2		138	16	24
			"		2d	205541	538	2	E	2	2		66	6	18
			"		2d	205542	540	2	E	2	2		55	4	18
			"		2d	205543	542	2	E	3	3	1	188	6	36
			"		2d	205544	544	2	E	3	2		108	7	27

From	To	Description	R	A	Rk	Sample	to	length	RQ	K	Py	Cp	Cu ppm	Au ppb	Co ppm
			"		2d	205545	546	2	E	2	1		85	5	15
			"		2d	205546	548	2	D	2	2		48	10	28
		Massive pyrite 548-550 Chemical analysis			2d	205547	550	2	E	3	5	2	733	51	426
			"		2d	205548	552	2	E	3	1		113	10	25
			"		2d	205549	554	2	E	2	2		81	5	14
			"		2d	205550	556	2	E	1	2	1	178	35	9
			"		2d	205551	558	2	E	2	2		318	23	22
			"		2d	205552	560	2	E	2	2		762	31	16
			"		2d	205553	562	2	E	1	1		91	7	12
			"		2d	205554	564	2	E	1	1		24	18	9
			"		2d	205555	566	2	E	2			216	10	19
			"		2d	205556	568	2	E	1	1		56	2	14
			"		2d	205557	570	2	E	1			89	3	15
		EOH Weakly mineralized.	"		2d	205558	572	2	E	2	1		394	6	36
		Altered and pyrityic sections 95-154, 249-352,465-560													
		Unit 2b generally altered, pyritic. Upper zone fault bounded.											Cu ppm	Au ppb	
		Chemical analysis in italics				205559 PULP		Standard CDN-CGS-3					6041	526	
						205560 PULP		Standard CDN-CGS-3					6199	544	

APPENDIX II

ASSAY CERTIFICATES
ACME ANALYTICAL LABORATORIES LTD.

Assay Methods Noted at Bottom of Certificate Sheets

Sample Numbers noted on Drill Logs in Appendix I

LYSANDER MINERALS CORPORATION

Appendix II

2004 DRILL CORE SAMPLING

Hole_id	From	To	Length	Sample_No	Cu(ppm)	Ag(ppm)	Ni(ppm)	Fe(%)	As(ppm)	Sr(ppm)	V(ppm)	Ca(%)	Mg(%)	Ba(ppm)	B(ppm)	Au(ppb)
04-08	3.30	4.00	0.70	205001	160	0.3	17	7.76	8	50	241	1.13	1.48	91	9	1934
04-08	4.00	6.00	2.00	205002	3552	0.4	36	10.93	46	53	203	0.94	1.19	33	12	1718
04-08	6.00	8.00	2.00	205003	1382	0.9	35	10.86	97	77	223	2.47	1.7	38	9	1359
04-08	8.00	10.00	2.00	205004	9827	1.2	20	7.5	18	53	227	1.99	1.38	32	7	59
04-08	10.00	12.00	2.00	205005	10000	8.3	64	8.93	37	29	206	0.87	2.41	16	9	93
04-08	12.00	14.00	2.00	205006	3441	0.4	27	6.64	10	61	226	1.71	1.76	22	8	45
04-08	14.00	16.00	2.00	205007	1314	0.3	24	8.37	28	42	222	2.46	1.83	24	10	117
04-08	16.00	18.00	2.00	205008	3762	0.9	29	7.36	19	66	198	1.98	1.4	21	5	119
04-08	18.00	20.00	2.00	205009	436	0.3	18	6.17	16	64	185	1.97	1.03	40	9	151
04-08	20.00	22.00	2.00	205010	80	0.3	21	6.9	12	58	262	1.94	1.48	48	6	47
04-08	22.00	24.00	2.00	205011	129	0.3	19	6.38	14	55	247	2.12	1.28	35	8	143
04-08	24.00	26.00	2.00	205012	142	0.3	23	6.98	14	50	246	2.25	1.48	28	10	69
04-08	26.00	28.00	2.00	205013	151	0.3	26	6.81	19	45	252	1.87	1.36	37	12	73
04-08	28.00	30.00	2.00	205014	154	0.3	25	7.34	13	59	256	2.7	1.74	44	10	131
04-08	30.00	32.00	2.00	205015	426	0.3	28	7.77	30	69	256	2.06	1.49	59	10	212
04-08	32.00	34.00	2.00	205016	207	0.3	24	7.08	9	29	257	1.48	1.32	45	13	240
04-08	34.00	36.00	2.00	205017	222	0.3	21	7.1	13	57	240	2.42	1.5	52	10	1565
04-08	36.00	38.00	2.00	205018	355	0.3	20	10.15	15	103	271	2.66	1.01	70	14	12925
04-08	38.00	40.00	2.00	205019	394	0.3	31	10.05	24	48	248	2.28	1.44	46	17	1888
04-08	40.00	42.00	2.00	205020	270	0.3	25	8.94	17	71	244	2.52	1.52	57	12	1990
04-08	42.00	44.00	2.00	205021	210	0.3	25	7.82	16	55	223	2.34	1.57	30	8	687
04-08	44.00	46.00	2.00	205022	56	0.3	25	7.81	12	36	263	1.88	1.48	46	16	258
04-08	46.00	48.00	2.00	205023	57	0.3	21	7.75	9	28	250	1.57	1.05	37	11	245
04-08	48.00	50.00	2.00	205024	68	0.3	26	6.36	10	35	239	1.58	0.97	58	13	553
04-08	50.00	52.00	2.00	205025	43	0.3	20	7.56	9	49	219	1.99	1.08	38	13	90
04-08	52.00	54.00	2.00	205026	453	0.3	22	7.13	10	87	226	2.64	0.9	61	14	618
04-08	54.00	56.00	2.00	205027	63	0.3	22	7.46	12	26	250	1.45	0.82	43	15	297
04-08	56.00	58.00	2.00	205028	92	0.3	23	7.98	11	43	257	1.2	1.02	57	16	501
04-08	58.00	60.00	2.00	205029	64	0.3	22	7.7	11	53	276	1.71	1	58	15	56
04-08	60.00	62.00	2.00	205030	174	0.3	33	7.83	11	38	272	1.46	1.41	51	15	136
04-08	62.00	64.00	2.00	205031	250	0.4	44	8.15	25	75	234	2.14	1.4	46	14	215
04-08	64.00	66.00	2.00	205032	92	0.5	30	8.2	14	37	268	2.75	1.37	38	14	287
04-08	66.00	68.00	2.00	205033	280	0.7	33	7.03	6	60	246	3.69	1.34	44	3	416
04-08	68.00	70.00	2.00	205034	39	0.3	34	6.06	14	43	224	2.39	0.81	43	9	56
04-08	70.00	72.00	2.00	205035	84	0.3	33	5.82	5	71	201	3.97	1.09	39	3	86
04-08	72.00	74.00	2.00	205036	333	0.4	46	6.84	6	24	230	1.87	1.36	36	3	93
04-08	74.00	76.00	2.00	205037	28	0.3	38	5.53	11	26	212	1.92	0.98	40	10	23
04-08	76.00	78.00	2.00	205038	5	0.3	34	5.07	10	45	215	2.38	0.99	59	13	16
04-08	78.00	80.00	2.00	205039	156	0.3	59	6.5	12	55	243	1.88	0.95	79	5	102
04-08	80.00	82.00	2.00	205040	164	0.3	47	5.55	10	50	219	1.78	1.16	43	3	65
04-08	82.00	84.00	2.00	205041	40	0.3	31	4.55	7	61	195	1.67	1.21	34	7	27
04-08	84.00	86.00	2.00	205042	48	0.3	35	4.62	7	52	204	1.57	1.17	37	55	19
04-08	86.00	88.00	2.00	205043	68	0.5	45	6.7	7	34	233	1.34	1.59	49	3	47
04-08	88.00	90.00	2.00	205044	152	0.3	57	7.21	9	18	224	1.49	1.49	43	3	101
04-08	90.00	92.00	2.00	205045	3530	2.5	123	13.02	70	29	164	1.68	1.47	35	3	2837
04-08	92.00	94.00	2.00	205046	260	0.4	52	6.74	8	25	202	1.85	1.67	37	3	102
04-08	94.00	96.00	2.00	205047	76	0.3	44	5.45	5	22	171	1.57	1.32	32	3	239
04-08	96.00	98.00	2.00	205048	378	0.5	59	6.42	18	27	164	1.48	1.45	22	3	48
04-08	98.00	100.00	2.00	205049	1120	0.3	128	8.92	31	28	156	1.2	1.82	37	3	112
04-08	100.00	102.00	2.00	205050	165	0.6	33	5.91	5	108	214	6.23	2.19	44	3	17
04-08	102.00	104.00	2.00	205051	256	0.4	11	2.55	15	84	95	3.9	1.13	53	3	45
04-08	104.00	106.00	2.00	205052	129	0.3	15	3.03	8	83	103	3.67	1.13	45	3	185
04-08	106.00	108.00	2.00	205053	131	0.4	41	5.59	7	34	172	1.64	1.68	39	3	934
04-08	108.00	110.00	2.00	205054	1405	1.1	77	7.6	56	29	179	2.11	1.99	25	3	168
04-08	110.00	112.00	2.00	205055	187	0.4	45	5.58	13	30	176	1.54	1.42	33	3	107
04-08	112.00	114.00	2.00	205056	156	0.3	50	6.63	8	86	175	3.99	2.26	10	3	72
04-08	114.00	116.00	2.00	205057	185	0.3	48	4.9	6	96	162	2.41	1.71	44	3	703
04-08	116.00	118.00	2.00	205058	142	0.3	57	4.71	2	87	161	2.82	2.19	30	3	183
04-08	118.00	120.00	2.00	205059	55	0.3	34	5.45	5	50	185	1.44	1.31	41	3	31
04-08	120.00	122.00	2.00	205060	79	0.4	30	5.2	6	49	181	2.16	1.34	15	3	11
04-08	122.00	124.00	2.00	205061	43	0.3	8	3.95	5	36	128	1.88	0.91	24	3	10
04-08	124.00	126.00	2.00	205062	111	0.3	6	2.81	10	57	89	1.88	0.69	44	3	87
04-08	126.00	128.00	2.00	205063	108	0.3	4	2.82	10	22	86	1.06	0.37	52	4	87
04-08	128.00	130.00	2.00	205064	1131	0.3	22	5.34	27	23	75	0.71	0.48	64	3	517
04-08	130.00	132.00	2.00	205065	176	0.3	5	2.22	6	38	64	0.91	0.29	63	5	64
04-08	132.00	134.00	2.00	205066	1371	0.3	56	7.73	30	28	141	0.76	1.19	59	3	2735
04-08	134.00	136.00	2.00	205067	652	0.3	48	7.35	24	34	231	1.52	0.74	25	3	153
04-08	136.00	138.00	2.00	205068	256	0.3	63	5.67	8	26	180	0.98	1.65	36	3	67
04-08	138.00	140.00	2.00	205069	50	0.3	64	6.29	3	34	200	2.33	2.75	27	3	19
04-08	140.00	142.00	2.00	205070	230	0.3	57	5.29	6	39	150	2.28	1.95	21	3	59
04-08	142.00	144.00	2.00	205071	199	0.3	49	5.04	7	36	154	1.86	2	25	3	163
04-08	144.00	146.00	2.00	205072	27	0.3	56	5.1	2	21	158	1.22	2.12	22	3	9
04-08	146.00	148.00	2.00	205073	21	0.3	69	4.77	5	29	147	2.22	1.9	20	3	18
04-08	148.00	150.00	2.00	205074	34	0.3	54	5.23	6	30	171	1.36	1.7	58	6	33
04-08	150.00	152.00	2.00	205075	109	0.3	70	6.22	10	14	182	0.92	2.06	116	3	46
04-08	152.00	154.00	2.00	205076	3411	1	144	10.4	55	18	162	0.88	2.07	65	3	537
04-08	154.00	156.00	2.00	205077	32	0.3	55	4.69	2	24	166	1.14	1.81	75	45	18
04-08	156.00	158.00	2.00	205078	20	0.3	50	4.38	3	23	174	1.29	1.7	60	23	19
04-08	158.00	160.00	2.00	205079	12	0.3	50	4.93	5	32	182	1.29	1.78	51	10	20
04-08	160.00	162.00	2.00	205080	95	0.3	37	4.32	8	24	126	1.17	1.22	31	3	15
04-08	162.00	164.00	2.00	205081	3912	2.7	219	12.27	194	29	118	1.71	1.23	17	3	853

LYSANDER MINERALS CORPORATION

Appendix II

2004 DRILL CORE SAMPLING

Hole_id	From	To	Length	Sample_No	Cu(ppm)	Ag(ppm)	Ni(ppm)	Fe(%)	As(ppm)	Sr(ppm)	V(ppm)	Ca(%)	Mg(%)	Ba(ppm)	B(ppm)	Au(ppb)
04-08	164.00	166.00	2.00	205082	74	0.3	58	7.52	3	9	224	0.72	2.62	124	5	130
04-08	166.00	168.00	2.00	205083	600	0.3	67	7.66	17	11	192	0.58	2.15	97	3	123
04-08	168.00	170.00	2.00	205084	86	0.4	47	5.91	8	17	193	0.97	1.83	100	3	58
04-08	170.00	172.00	2.00	205085	68	0.3	43	5.1	4	38	172	1.86	1.59	41	4	12
04-08	172.00	174.00	2.00	205086	144	0.3	36	4.91	9	30	140	1.84	1.5	69	5	17
04-08	174.00	176.00	2.00	205087	160	0.3	72	7.83	5	40	246	3.19	3.09	105	3	24
04-08	176.00	178.00	2.00	205088	140	0.3	69	7.02	6	42	230	1.21	2.69	276	3	30
04-08	178.00	180.00	2.00	205089	42	0.3	37	5.52	3	36	173	1.15	1.57	70	3	22
04-08	180.00	182.00	2.00	205090	43	0.3	20	3.96	7	62	148	2.34	0.88	57	12	18
04-08	182.00	184.00	2.00	205091	357	0.3	36	4.98	11	95	183	1.73	0.78	85	3	131
04-08	184.00	186.00	2.00	205092	1904	0.6	57	9.72	22	91	256	1.7	0.99	113	3	375
04-08	186.00	188.00	2.00	205093	734	0.3	34	6.83	6	90	225	1.63	0.81	148	7	103
04-08	188.00	190.00	2.00	205094	229	0.3	31	7.07	3	84	277	1.87	0.84	177	4	64
04-08	190.00	192.00	2.00	205095	204	0.3	24	6.94	6	45	272	1.88	1.17	124	6	107
04-08	192.00	194.00	2.00	205096	108	0.3	31	6.16	8	67	219	1.45	1.31	81	3	74
04-08	194.00	196.00	2.00	205097	103	0.3	30	5.88	6	55	212	1.95	1.17	56	3	69
04-08	196.00	198.00	2.00	205098	113	0.3	33	6.1	8	48	226	1.82	1.25	57	5	47
04-08	198.00	200.00	2.00	205099	234	0.3	38	7.14	8	75	275	1.8	1.51	133	9	64
04-08	200.00	202.00	2.00	205100	148	0.3	35	8.42	3	76	379	1.7	1.51	221	3	62
04-08	202.00	204.00	2.00	205101	133	0.3	22	8.22	2	81	375	1.7	1.23	180	30	103
04-08	204.00	206.00	2.00	205102	435	0.3	55	6.89	4	44	237	1.67	1.73	130	4	146
04-08	206.00	208.00	2.00	205103	223	0.3	30	8.27	7	44	288	1.72	1.52	143	3	97
04-08	208.00	210.00	2.00	205104	304	0.3	34	9.15	2	65	334	2.09	1.82	193	6	184
04-08	210.00	212.00	2.00	205105	352	0.3	21	8	2	225	347	2.28	1.29	265	3	739
04-08	212.00	214.00	2.00	205106	944	0.3	38	8.12	6	66	318	2.39	1.31	165	5	917
04-08	214.00	216.00	2.00	205107	510	0.3	38	7.96	3	57	307	1.84	1.37	106	6	257
04-08	216.00	218.00	2.00	205108	410	0.3	30	8.13	2	65	353	2.3	1.45	166	3	128
04-08	218.00	220.00	2.00	205109	171	0.3	33	6.67	2	56	301	2.11	1.34	116	3	75
04-08	220.00	222.00	2.00	205110	147	0.3	33	5.55	2	59	242	3.35	1.14	69	5	103
04-08	222.00	224.00	2.00	205111	92	0.3	34	5.5	9	53	243	2.52	1.12	93	15	92
04-08	224.00	226.00	2.00	205112	57	0.3	48	4.88	6	44	178	1.98	1.83	46	3	16
04-08	226.00	228.00	2.00	205113	134	0.3	41	4.62	6	35	161	2.71	1.66	33	3	24
04-08	228.00	230.00	2.00	205114	127	0.3	40	6.59	5	26	238	1.72	1.73	52	3	172
04-08	230.00	232.00	2.00	205115	102	0.3	38	7.28	3	52	288	2.14	1.74	77	4	55
04-08	232.00	234.00	2.00	205116	347	0.3	26	8.31	3	65	363	1.91	1.06	82	3	129
04-08	234.00	236.00	2.00	205117	306	0.3	23	7.95	3	58	362	1.82	1	132	12	243
04-08	236.00	238.00	2.00	205118	225	0.3	20	5.32	5	46	209	1.58	0.53	59	4	47
04-08	238.00	240.00	2.00	205119	169	0.3	29	5.37	4	43	203	2.96	0.95	59	5	57
04-08	240.00	242.00	2.00	205120	430	0.3	52	9.75	7	58	395	1.72	1.01	95	3	227
04-08	242.00	244.00	2.00	205121	442	0.3	32	6.28	9	61	254	2.92	0.93	66	3	156
04-08	244.00	246.00	2.00	205122	425	0.3	32	7.87	10	56	274	2.45	1.12	82	8	128
04-08	246.00	248.00	2.00	205123	519	0.3	41	7.94	11	56	298	2.41	1.44	100	9	217
04-08	248.00	250.00	2.00	205124	225	0.3	24	7.23	5	89	302	2.86	1.38	121	5	63
04-08	250.00	252.00	2.00	205125	328	0.3	26	7.02	5	159	315	2.13	1.04	205	22	320
04-08	252.00	254.00	2.00	205126	627	0.3	37	7.9	2	123	330	2.6	1.35	214	13	793
04-08	254.00	256.00	2.00	205127	357	0.3	29	7.21	6	72	288	2.14	0.86	127	15	117
04-08	256.00	258.00	2.00	205128	148	0.3	24	9.77	3	87	335	1.92	1.25	202	3	22
04-08	258.00	260.00	2.00	205129	193	0.3	31	11.4	6	70	372	1.9	1.43	280	6	38
04-08	260.00	262.00	2.00	205130	465	0.3	38	8.89	5	65	341	1.71	1.28	224	8	111
04-08	262.00	264.00	2.00	205131	91	0.3	18	8.3	4	65	368	1.64	1.29	205	10	81
04-08	264.00	266.00	2.00	205132	218	0.3	22	9.28	7	65	294	1.89	1.67	88	4	85
04-08	266.00	268.00	2.00	205133	517	0.3	21	8.51	5	54	343	1.96	1.26	70	3	48
04-08	268.00	270.00	2.00	205134	95	0.3	39	5.63	5	65	251	2.39	1.53	30	3	31
04-08	270.00	272.00	2.00	205135	253	0.3	33	7.26	11	118	280	4.03	2.23	23	3	14
04-08	272.00	274.00	2.00	205136	298	0.3	37	7.52	6	44	302	2.11	1.4	28	5	60
04-08	274.00	276.00	2.00	205137	568	0.3	39	7.98	6	47	264	1.9	1.48	33	5	233
04-08	276.00	278.00	2.00	205138	158	0.3	30	6.73	10	60	233	2.35	1.22	29	6	79
04-08	278.00	280.00	2.00	205139	216	0.3	37	8.06	3	55	309	2.71	1.83	31	4	50
04-08	280.00	282.00	2.00	205140	248	0.3	38	7.45	9	72	272	2.49	1.9	30	20	51
04-08	282.00	284.00	2.00	205141	358	0.3	19	8.77	14	72	326	2.44	1.06	24	3	10
04-08	284.00	286.00	2.00	205142	278	0.3	24	8.19	12	85	307	3.31	1.52	17	3	73
04-08	286.00	288.00	2.00	205143	290	0.3	31	7.71	13	81	252	2.64	1.51	33	3	89
04-08	288.00	290.00	2.00	205144	1675	0.3	54	10.12	28	119	277	4.25	1.68	13	3	55
04-08	290.00	292.00	2.00	205145	396	0.4	35	8.31	15	106	259	3.63	2.06	15	3	48
04-08	292.00	294.00	2.00	205146	328	0.3	30	7.76	13	126	280	3.21	1.54	28	3	78
04-08	294.00	296.00	2.00	205147	117	0.3	31	6.33	11	130	239	2.82	1.66	25	3	23
04-08	296.00	298.00	2.00	205148	206	0.3	32	5.92	14	45	221	2.09	1.32	24	3	46
04-08	298.00	300.00	2.00	205149	171	0.3	37	6.62	11	156	253	2.03	1.72	38	3	40
04-08	300.00	302.00	2.00	205150	59	0.4	196	5.5	7	75	175	3.36	4.15	23	3	2
04-08	302.00	304.00	2.00	205151	117	0.4	160	6.71	9	37	217	2.68	3.72	39	3	10
04-08	304.00	306.00	2.00	205152	469	0.3	65	9.61	22	29	314	2.01	2.63	107	3	25
04-08	306.00	308.00	2.00	205153	1306	0.3	54	11.44	14	38	331	3.8	2.22	113	3	108
04-08	308.00	310.00	2.00	205154	624	0.3	52	12.67	12	47	351	2.22	2.51	176	3	44
04-08	310.00	312.00	2.00	205155	741	0.3	66	12.52	19	29	332	1.67	1.99	133	3	53
04-08	312.00	314.00	2.00	205156	188	0.3	40	8.74	9	52	299	1.68	1.82	113	3	23
04-08	314.00	316.00	2.00	205157	205	0.3	39	8.06	10	50	284	1.39	1.59	86	6	130
04-08	316.00	318.00	2.00	205158	142	0.3	36	8.97	11	46	303	1.5	1.7	58	3	58
04-08	318.00	320.00	2.00	205159	381	0.3	39	10.02	12	82	311	1.36	1.79	146	3	553
04-08	320.00	322.00	2.00	205160	456	0.6	40	9.91	15	46	321	2.72	1.71	103	88	697
04-08	322.00	324.00	2.00	205161	601	0.3	78	10.42	23	66	296	1.46	2.29	133	9	93
04-08	324.00	326.00	2.00	205162	222	0.3	76	8.23	8	43	289	1.54	2.21	99	3	14

LYSANDER MINERALS CORPORATION

Appendix II

2004 DRILL CORE SAMPLING

Hole_id	From	To	Length	Sample_No	Cu(ppm)	Ag(ppm)	Ni(ppm)	Fe(%)	As(ppm)	Sr(ppm)	V(ppm)	Ca(%)	Mg(%)	Ba(ppm)	B(ppm)	Au(ppb)
04-08	326.00	328.00	2.00	205163	175	0.3	70	9.71	9	109	270	1.05	2.46	208	16	38
04-08	328.00	330.00	2.00	205164	45	0.3	8	2.73	5	56	82	1.06	0.32	92	13	5
04-08	330.00	332.00	2.00	205165	48	0.3	65	7.74	6	65	254	1.1	2.31	153	6	4
04-08	332.00	334.00	2.00	205166	38	0.3	74	9.03	7	44	302	1.37	2.43	152	42	11
04-08	334.00	336.00	2.00	205167	63	0.3	68	9.22	9	34	270	1.45	2.1	107	7	43
04-08	336.00	338.00	2.00	205168	121	0.3	61	9.25	9	27	278	1.25	2.29	83	3	27
04-08	338.00	340.00	2.00	205169	196	0.3	55	8.63	14	34	261	1.35	2.04	79	3	46
04-08	340.00	342.00	2.00	205170	60	0.6	62	8.95	9	29	277	1.33	2.51	85	36	15
04-08	342.00	344.00	2.00	205171	59	0.4	54	7.88	9	30	266	2.58	2.04	75	6	45
04-08	344.00	346.00	2.00	205172	24	0.4	61	7.05	10	31	262	1.33	2.12	57	3	15
04-08	346.00	348.00	2.00	205173	26	0.3	55	5.9	4	34	216	2.11	1.65	39	7	15
04-08	348.00	350.00	2.00	205174	28	0.3	60	6.1	3	59	238	1.08	1.7	124	7	27
04-08	350.00	352.00	2.00	205175	266	0.3	68	6.42	2	41	217	0.97	1.96	218	7	457
04-08	352.00	354.00	2.00	205176	98	0.4	75	6.07	3	65	223	1.15	2.12	176	12	94
04-08	354.00	356.00	2.00	205177	259	0.3	42	5.79	4	40	235	1.22	1.34	153	11	335
04-08	356.00	358.00	2.00	205178	208	0.4	56	8.05	8	56	248	1.34	1.45	128	32	158
04-08	358.00	360.00	2.00	205179	121	0.3	53	7.62	6	24	209	1.25	1.85	67	45	42
04-08	360.00	362.00	2.00	205180	641	0.4	89	10.51	24	22	227	1.36	2.1	60	7	157
04-08	362.00	364.00	2.00	205181	28	0.3	45	7.77	4	66	252	1.61	1.95	83	10	22
04-08	364.00	366.00	2.00	205182	588	0.3	96	10.3	8	40	225	1.18	1.74	96	25	127
04-08	366.00	368.00	2.00	205183	227	0.3	50	9.06	9	29	221	1.23	1.39	68	63	47
04-08	368.00	370.00	2.00	205184	113	0.3	95	9.09	4	33	258	1.2	2.43	127	12	26
04-08	370.00	372.00	2.00	205185	40	0.3	112	7.7	2	26	241	1.9	2.18	81	9	12
04-08	372.00	374.00	2.00	205186	21	0.3	88	7.25	7	34	227	1.11	2.14	62	10	11
04-08	374.00	376.00	2.00	205187	5391	5.2	274	30.92	690	19	120	0.42	1.78	53	3	480
04-08	376.00	378.00	2.00	205188	139	0.3	40	10.97	12	59	295	1.82	1.84	167	12	35
04-08	378.00	380.00	2.00	205189	139	0.3	42	10.49	10	56	265	1.77	1.74	96	61	19
04-08	380.00	382.00	2.00	205190	235	0.3	45	9.19	8	43	267	1.37	2.1	175	17	26
04-08	382.00	384.00	2.00	205191	167	0.3	54	8.08	9	47	245	1.55	1.75	184	10	37
04-08	384.00	386.00	2.00	205192	86	0.3	48	7.31	4	81	249	1.64	1.44	124	14	18
04-08	386.00	388.00	2.00	205193	263	0.3	41	7.77	9	69	254	2.05	1.44	67	14	34
04-08	388.00	390.00	2.00	205194	66	0.3	40	6.53	5	52	247	1.61	1.5	47	9	22
04-08	390.00	392.00	2.00	205195	345	0.3	66	7.45	9	58	249	1.68	1.46	89	7	48
04-08	392.00	394.00	2.00	205196	109	0.3	22	6.87	10	74	268	1.98	1.11	51	9	17
04-08	394.00	396.00	2.00	205197	115	0.3	27	6.84	8	72	276	1.87	1.2	77	13	30
04-08	396.00	398.00	2.00	205198	229	0.3	38	6.57	10	102	248	1.78	1.64	191	15	70
04-08	398.00	400.00	2.00	205199	142	0.3	23	5.93	10	86	235	1.81	1.1	44	13	43
04-08	400.00	402.00	2.00	205200	116	0.3	38	5.4	9	57	185	1.35	1.35	49	10	23
04-08	402.00	404.00	2.00	205201	162	0.3	48	5.52	9	69	194	4.48	1.94	32	11	11
04-08	404.00	406.00	2.00	205202	123	0.3	35	5.61	3	55	228	2.52	1.42	59	10	31
04-08	406.00	408.00	2.00	205203	104	0.3	32	5.69	2	76	229	1.91	1.21	84	11	26
04-08	408.00	410.00	2.00	205204	112	0.3	36	5.88	3	53	229	1.81	1.52	57	9	32
04-08	410.00	412.00	2.00	205205	48	0.3	61	5.3	2	41	201	1.34	1.72	79	26	9
04-08	412.00	414.00	2.00	205206	367	0.3	40	5.96	3	59	218	1.92	1.26	102	50	97
04-08	414.00	416.00	2.00	205207	1186	0.3	49	5.63	5	63	170	1.58	1.03	120	16	115
04-08	416.00	418.00	2.00	205208	730	0.3	57	5.9	3	53	187	2.16	1.39	44	9	120
04-08	418.00	420.00	2.00	205209	507	0.3	63	6.39	6	83	203	2.08	1.45	67	12	39
04-08	420.00	422.00	2.00	205210	447	0.3	63	5.83	9	64	186	2.01	1.17	51	25	17
04-08	422.00	424.00	2.00	205211	219	0.3	44	5.45	10	60	179	2.55	1.63	37	10	11
04-08	424.00	426.00	2.00	205212	699	0.4	47	6.45	9	60	225	2.18	1.3	40	13	22
04-08	426.00	428.00	2.00	205213	219	0.3	40	5.56	12	84	194	2.86	1.6	35	14	37
04-08	428.00	430.00	2.00	205214	192	0.3	46	5.47	3	58	203	2	1.24	39	15	16
04-08	430.00	432.00	2.00	205215	381	0.5	58	6.38	8	55	219	2.2	1.63	36	12	13
04-08	432.00	434.00	2.00	205216	51	0.3	60	8.94	2	63	250	3.52	2.94	21	10	7
04-08	434.00	436.00	2.00	205217	43	0.3	91	10.41	6	86	262	4.84	3.75	25	12	2
04-08	436.00	438.00	2.00	205218	41	0.3	90	11.57	7	91	244	3.47	3.82	16	12	8
04-08	438.00	440.00	2.00	205219	164	0.3	72	14.16	131	78	257	2.94	3.51	12	13	29
04-08	440.00	442.00	2.00	205220	82	0.3	62	7.48	19	80	217	2.16	2.42	36	14	5
04-08	442.00	444.00	2.00	205221	76	0.4	63	8.57	9	80	255	4.36	3.56	23	13	28
04-08	444.00	446.00	2.00	205222	324	0.3	86	10.65	21	90	274	6.47	3.65	20	11	10
04-08	446.00	448.00	2.00	205223	123	0.3	50	6.25	2	46	239	1.87	1.7	75	14	19
04-08	448.00	450.00	2.00	205224	319	0.3	42	5.62	2	59	208	1.54	1.06	47	11	23
04-08	450.00	452.00	2.00	205225	155	0.4	39	6.61	3	79	264	1.75	1.35	68	13	11
04-08	452.00	454.00	2.00	205226	273	0.5	83	9.35	4	67	193	1.41	2.05	156	15	28
04-08	454.00	456.00	2.00	205227	654	0.6	102	11.28	28	41	181	1.47	1.14	97	21	83
04-08	456.00	458.00	2.00	205228	91	0.4	93	6.83	3	48	218	1.93	2.3	160	16	13
04-08	458.00	460.00	2.00	205229	560	1.1	84	10.31	43	47	187	1.43	1.12	78	22	78
04-08	460.00	462.00	2.00	205230	396	0.7	48	9.05	23	71	186	1.67	0.53	50	17	69
04-08	462.00	464.00	2.00	205231	588	0.5	75	13.27	31	58	280	1.26	1.93	136	18	75
04-08	464.00	466.00	2.00	205232	404	0.3	60	9.44	15	47	186	1.68	1.33	100	5	91
04-08	466.00	468.00	2.00	205233	161	0.3	24	6.03	15	86	216	2.16	0.36	87	13	54
04-08	468.00	470.00	2.00	205234	1024	0.8	103	13.01	130	78	189	1.31	1.29	123	11	341
04-08	470.00	472.00	2.00	205235	3261	0.3	253	27.42	275	56	136	0.51	1.33	88	3	372
04-08	472.00	474.00	2.00	205236	849	0.5	156	12.97	54	67	146	1.25	2.58	114	39	102
04-08	474.00	476.00	2.00	205237	46	0.5	124	5.25	9	89	169	1.67	3.09	145	11	8
04-08	476.00	478.00	2.00	205238	795	0.4	119	7.49	20	27	187	2.02	2.94	102	36	70
04-08	478.00	480.00	2.00	205239	67	0.3	98	6.52	7	23	200	1.43	3.89	82	13	8
04-08	480.00	482.00	2.00	205240	107	0.3	133	6.64	8	27	174	1.03	3.68	55	52	32
04-08	482.00	484.00	2.00	205241	28	0.3	58	7.56	10	50	231	1.53	2.7	50	10	10
04-08	484.00	486.00	2.00	205242	13	0.3	56	6.61	5	72	199	1.46	2.71	30	7	5
04-08	486.00	488.00	2.00	205243	17	0.3	45	6.11	6	38	207	1.58	2.18	43	7	5

LYSANDER MINERALS CORPORATION

Appendix II

2004 DRILL CORE SAMPLING

Hole_id	From	To	Length	Sample_No	Cu(ppm)	Ag(ppm)	Ni(ppm)	Fe(%)	As(ppm)	Sr(ppm)	V(ppm)	Ca(%)	Mg(%)	Ba(ppm)	B(ppm)	Au(ppb)
04-08	488.00	490.00	2.00	205244	374	0.3	108	7.77	31	21	172	1.44	2.74	63	8	44
04-08	490.00	492.00	2.00	205245	11	0.3	110	4.87	5	32	149	1.63	2.49	44	4	2
04-08	492.00	494.00	2.00	205246	1694	0.7	120	5.05	11	69	130	1.69	2.63	44	5	6
04-08	494.00	496.00	2.00	205247	122	0.3	141	5.63	15	39	151	1.49	3.31	55	72	2
04-08	496.00	498.00	2.00	205248	39	0.3	102	3.59	6	40	110	1.88	2.16	34	725	4
04-08	498.00	500.00	2.00	205249	68	0.3	145	5.33	8	28	143	1.85	3.1	46	14	7
04-08	500.00	502.00	2.00	205250	41	0.3	139	3.94	6	28	119	1.79	2.84	24	6	5
04-08	502.00	504.00	2.00	205251	57	0.3	143	4.21	7	42	143	1.63	3.31	32	7	2
04-08	504.00	506.00	2.00	205252	51	0.3	151	4.22	6	40	138	1.63	3.05	25	8	2
04-08	506.00	508.00	2.00	205253	106	0.3	196	4.34	7	25	131	1.6	3.9	18	6	2
04-08	508.00	510.00	2.00	205254	71	0.3	136	3.16	7	51	106	1.55	2.87	20	5	3
04-08	510.00	512.00	2.00	205255	75	0.3	177	2.55	7	29	87	1.65	2.9	15	4	2
04-08	512.00	514.00	2.00	205256	50	0.3	139	2.51	4	75	91	1.46	2.61	20	3	8
04-08	514.00	516.00	2.00	205257	35	0.3	151	3.9	2	88	144	2.66	3.73	20	9	2
04-08	516.00	518.00	2.00	205258	33	0.3	150	3.83	4	86	144	2.65	3.73	18	7	4
04-08	518.00	520.00	2.00	205259	222	0.3	52	5.66	5	86	208	3.61	1.63	19	12	10
04-08	520.00	522.00	2.00	205260	399	0.3	46	4.92	5	83	203	2.26	0.57	21	14	4
04-08	522.00	524.00	2.00	205261	159	0.3	33	4.8	8	91	210	2.17	0.63	37	18	14
04-08	524.00	526.00	2.00	205262	171	0.3	27	4.07	8	312	183	2.96	0.54	22	15	4
04-08	526.00	528.00	2.00	205263	158	0.3	29	4.26	4	110	205	2.59	0.49	27	22	13
04-08	528.00	530.00	2.00	205264	252	0.3	25	4.39	9	56	177	1.67	0.39	37	16	86
04-08	530.00	532.00	2.00	205265	324	0.3	44	4.16	6	80	192	2.63	0.54	16	14	50
04-08	532.00	534.00	2.00	205266	502	0.3	54	5.54	7	103	228	2.36	0.63	24	19	85
04-08	534.00	536.00	2.00	205267	253	0.3	37	4.81	2	94	228	1.81	0.6	57	16	13
04-08	536.00	538.00	2.00	205268	355	0.3	40	4.39	2	167	207	1.98	0.38	39	16	15
04-08	538.00	540.00	2.00	205269	135	0.3	30	4.89	3	43	223	1.17	0.69	33	10	7
04-08	540.00	542.00	2.00	205270	1784	0.3	34	5.15	11	45	202	1.61	1	26	30	4
04-08	542.00	544.70	2.70	205271	104	0.3	35	4.88	7	63	188	2.58	1.44	27	20	2
04-09	3.00	4.00	1.00	205274	1510	0.3	26	8.48	16	43	249	0.85	1.5	69	13	537
04-09	4.00	6.00	2.00	205275	2811	0.3	23	17.73	107	107	256	0.97	1.26	54	13	894
04-09	6.00	8.00	2.00	205276	4189	1	28	15.12	119	96	243	0.64	0.86	30	11	5449
04-09	8.00	10.00	2.00	205277	1329	0.3	25	7.56	10	34	222	1.41	0.8	39	11	207
04-09	10.00	12.00	2.00	205278	620	0.3	30	7.73	15	42	222	1.43	0.74	46	15	273
04-09	12.00	14.00	2.00	205279	213	0.3	28	8.34	15	38	201	1.24	0.78	58	13	170
04-09	14.00	16.00	2.00	205280	1142	0.3	31	8.16	14	159	228	1.64	0.74	96	19	270
04-09	16.00	18.00	2.00	205281	455	0.3	23	7.75	14	41	218	1.73	0.5	66	21	658
04-09	18.00	20.00	2.00	205282	391	0.3	20	7.04	8	30	214	1.48	0.8	56	13	252
04-09	20.00	22.00	2.00	205283	913	0.3	22	8.5	13	31	231	1.08	1.65	72	13	281
04-09	22.00	24.00	2.00	205284	1588	1	12	14.13	213	80	201	0.54	0.46	60	11	1434
04-09	24.00	26.00	2.00	205285	1309	0.3	24	8.42	13	74	242	0.92	1.49	74	9	1158
04-09	26.00	28.00	2.00	205286	10000	4.8	26	9.47	24	53	191	1.12	0.86	45	17	96
04-09	28.00	30.00	2.00	205287	5603	2.7	22	7.62	21	81	153	0.97	0.79	43	10	127
04-09	30.00	32.00	2.00	205288	680	0.3	5	3.78	14	49	116	1.59	0.35	94	11	28
04-09	32.00	34.00	2.00	205289	499	0.3	6	3.62	16	42	110	1.55	0.44	86	15	34
04-09	34.00	36.00	2.00	205290	624	0.3	10	4.28	29	45	109	1.3	0.6	82	11	77
04-09	36.00	38.00	2.00	205291	400	0.3	9	4.3	26	39	110	1.19	0.57	109	5	58
04-09	38.00	40.00	2.00	205292	746	0.3	6	4.2	23	44	116	1.4	0.58	76	12	26
04-09	40.00	42.00	2.00	205293	590	0.3	5	3.97	13	41	118	1.65	0.53	85	18	19
04-09	42.00	44.00	2.00	205294	222	0.3	6	4.78	8	64	151	1.63	0.32	94	20	51
04-09	44.00	46.00	2.00	205295	820	0.3	19	8.8	19	64	246	1.62	0.69	70	22	133
04-09	46.00	48.00	2.00	205296	88	0.3	18	8.27	13	78	257	2	0.64	89	16	72
04-09	48.00	50.00	2.00	205297	376	0.3	19	7.77	17	65	249	1.83	0.74	78	17	57
04-09	50.00	52.00	2.00	205298	1697	0.3	24	8.41	17	59	259	1.73	0.83	59	19	736
04-09	52.00	54.00	2.00	205299	1630	0.5	19	7.83	14	52	230	1.31	0.79	47	15	113
04-09	54.00	56.00	2.00	205300	1796	0.4	29	10.14	48	37	215	1.49	0.86	49	12	122
04-09	56.00	58.00	2.00	205301	201	0.3	18	7.74	10	35	226	1.62	0.88	55	14	145
04-09	58.00	60.00	2.00	205302	641	0.3	22	7.69	12	59	245	1.63	0.8	73	18	54
04-09	60.00	62.00	2.00	205303	377	0.3	20	7.79	10	48	251	1.68	0.66	68	27	87
04-09	62.00	64.00	2.00	205304	4436	0.3	24	13.64	106	44	281	0.76	0.74	64	14	181
04-09	64.00	66.00	2.00	205305	3903	0.6	18	19.82	332	112	241	0.15	0.7	85	10	445
04-09	66.00	68.00	2.00	205306	1065	0.3	16	7.99	32	32	223	1.31	0.87	52	14	36
04-09	68.00	70.00	2.00	205307	103	0.3	18	7.73	12	39	244	1.97	0.98	64	27	29
04-09	70.00	72.00	2.00	205308	195	0.3	16	8.89	15	50	272	1.96	0.92	71	15	45
04-09	72.00	74.00	2.00	205309	69	0.3	20	8.49	11	63	257	1.98	1.1	68	11	34
04-09	74.00	76.00	2.00	205310	162	0.3	7	5.16	12	56	162	2.01	0.69	55	17	57
04-09	76.00	78.00	2.00	205311	206	0.3	8	5.06	12	54	156	1.86	0.53	77	17	37
04-09	78.00	80.00	2.00	205312	84	0.3	13	7.18	6	44	251	1.58	0.98	69	14	56
04-09	80.00	82.00	2.00	205313	51	0.3	12	6.99	11	43	239	1.78	0.91	59	16	41
04-09	82.00	84.00	2.00	205314	295	0.3	15	7.78	11	78	245	2.76	1.21	40	8	63
04-09	84.00	86.00	2.00	205315	124	0.3	10	8.36	10	49	261	1.91	1.15	66	11	44
04-09	86.00	88.00	2.00	205316	374	0.3	16	8.66	14	57	259	1.89	1.18	86	12	60
04-09	88.00	90.00	2.00	205317	10000	4.2	39	9.97	64	173	208	4.42	1.57	48	8	130
04-09	90.00	92.00	2.00	205318	5986	1.6	29	7.21	25	169	205	4.04	1.49	32	9	92
04-09	92.00	94.00	2.00	205319	1790	0.3	15	8.28	16	85	234	3.74	1.3	26	5	17
04-09	94.00	96.00	2.00	205320	1002	0.3	11	5.21	8	180	143	14.09	1.31	22	7	33
04-09	96.00	98.00	2.00	205321	1696	0.4	21	6.84	9	161	163	7.25	1.63	27	8	23
04-09	98.00	100.00	2.00	205322	74	0.3	16	5.96	10	54	206	2.47	0.85	22	12	27
04-09	100.00	102.00	2.00	205323	254	0.3	18	7.11	14	69	231	2.1	0.67	31	19	65
04-09	102.00	104.00	2.00	205324	165	0.3	17	6.17	8	52	212	2.37	0.91	29	14	89
04-09	104.00	106.00	2.00	205325	106	0.3	21	5.91	13	69	207	2.82	1.06	40	8	36
04-09	106.00	108.00	2.00	205326	210	0.3	14	5.8	10	85	181	2.63	0.97	24	7	103

LYSANDER MINERALS CORPORATION

Appendix II

2004 DRILL CORE SAMPLING

Hole_id	From	To	Length	Sample_No	Cu(ppm)	Ag(ppm)	Ni(ppm)	Fe(%)	As(ppm)	Sr(ppm)	V(ppm)	Ca(%)	Mg(%)	Ba(ppm)	B(ppm)	Au(ppb)
04-09	108.00	110.00	2.00	205327	199	0.3	22	6.82	13	84	213	2.57	1.07	38	8	97
04-09	110.00	112.00	2.00	205328	86	0.3	21	7.26	10	72	226	3.37	1.44	32	5	154
04-09	112.00	114.00	2.00	205329	428	0.3	40	9.94	17	48	245	5.43	1.5	32	3	173
04-09	114.00	116.00	2.00	205330	831	0.5	27	9.84	35	184	191	5.41	1.17	66	3	489
04-09	116.00	118.00	2.00	205331	383	0.3	20	6.06	28	72	189	2.99	0.75	46	12	189
04-09	118.00	120.00	2.00	205332	421	0.3	23	7.28	17	64	221	3.22	1.28	41	6	174
04-09	120.00	122.00	2.00	205333	97	0.3	33	7.89	10	40	227	1.9	1.46	39	3	57
04-09	122.00	124.00	2.00	205334	198	0.3	27	5.45	13	53	157	2.86	1.62	31	3	384
04-09	124.00	126.00	2.00	205335	106	0.3	23	5.37	9	59	151	3.98	2.03	17	4	59
04-09	126.00	128.00	2.00	205336	289	0.3	22	6.76	8	84	206	4.02	1.49	46	6	108
04-09	128.00	130.00	2.00	205337	128	0.3	20	7.29	15	69	217	3.3	1.5	42	6	168
04-09	130.00	132.00	2.00	205338	369	0.7	31	9.65	29	104	234	4.6	2.05	52	3	124
04-09	132.00	134.00	2.00	205339	266	0.3	32	8.86	13	79	216	4.12	1.87	46	3	315
04-09	134.00	136.00	2.00	205340	497	0.3	36	8.79	22	56	229	3.14	1.46	69	3	296
04-09	136.00	138.00	2.00	205341	352	0.3	52	6.3	22	85	159	3.66	2	21	7	153
04-09	138.00	140.00	2.00	205342	197	0.3	32	8.57	12	77	229	3.72	1.74	57	3	226
04-09	140.00	142.00	2.00	205343	145	0.3	50	5.42	9	47	139	2.49	2.31	20	3	140
04-09	142.00	144.00	2.00	205344	258	0.3	46	8.26	14	21	179	1.59	2.33	66	3	87
04-09	144.00	146.00	2.00	205345	546	0.3	15	3.65	30	32	68	2.01	0.92	56	3	91
04-09	146.00	148.00	2.00	205346	327	0.4	11	3.74	19	32	75	2.22	1.11	46	4	46
04-09	148.00	150.00	2.00	205347	4116	1.8	35	8.15	31	42	110	2.7	2.48	33	3	149
04-09	150.00	152.00	2.00	205348	28	0.3	67	5.66	7	67	163	3.28	2.97	26	3	6
04-09	152.00	154.00	2.00	205349	91	0.3	63	5.65	10	89	159	4.45	2.97	27	3	23
04-09	154.00	156.00	2.00	205350	202	1.3	58	7.01	18	51	174	4.21	2.9	27	3	119
04-09	156.00	158.00	2.00	205351	54	0.3	68	7.98	4	23	184	1.36	3.09	26	3	38
04-09	158.00	160.00	2.00	205352	41	0.3	66	6.1	9	38	166	1.3	2.48	24	4	55
04-09	160.00	162.00	2.00	205353	24	0.3	77	5.64	5	44	152	3.58	3.33	12	3	38
04-09	162.00	164.00	2.00	205354	98	0.3	72	6.09	6	37	170	3.55	3.12	10	3	360
04-09	164.00	166.00	2.00	205355	8	0.3	61	4.57	11	26	155	1.43	2.29	10	9	67
04-09	166.00	168.00	2.00	205356	34	0.3	61	4.96	6	24	160	1.84	1.98	16	9	12
04-09	168.00	170.00	2.00	205357	35	0.3	58	5.63	6	28	177	1.29	1.93	19	8	20
04-09	170.00	172.00	2.00	205358	39	0.3	48	5.15	8	30	165	0.95	1.63	25	17	38
04-09	172.00	174.00	2.00	205359	38	0.3	56	5.27	6	25	178	1.22	1.93	15	7	14
04-09	174.00	176.00	2.00	205360	112	0.3	60	6.43	9	33	203	3.74	2.26	15	3	27
04-09	176.00	178.00	2.00	205361	33	0.3	52	5.13	7	27	170	2.01	2.14	15	5	71
04-09	178.00	180.00	2.00	205362	44	0.3	48	4.87	10	48	157	2.36	1.89	27	4	10
04-09	180.00	182.00	2.00	205363	21	0.3	45	4.84	6	37	161	1.36	1.58	54	9	13
04-09	182.00	184.00	2.00	205364	23	0.3	45	5.19	5	49	167	1.22	1.53	46	10	16
04-09	184.00	186.00	2.00	205365	14	0.3	48	5.11	4	29	167	1.38	1.64	26	7	17
04-09	186.00	188.00	2.00	205366	93	0.3	50	6.99	4	21	182	1.29	1.6	49	9	38
04-09	188.00	190.00	2.00	205367	160	0.3	51	7.69	7	20	195	0.98	1.92	39	6	107
04-09	190.00	192.00	2.00	205368	145	0.3	36	7.14	3	74	196	4.49	2.51	26	9	27
04-09	192.00	194.00	2.00	205369	133	0.3	48	5.42	5	38	181	0.95	1.65	56	5	56
04-09	194.00	196.00	2.00	205370	18	0.3	37	4.87	2	34	183	0.82	1.43	63	3	9
04-09	196.00	198.00	2.00	205371	41	0.3	35	4.89	5	61	185	1.21	1.5	29	7	12
04-09	198.00	200.00	2.00	205372	71	0.3	31	4.91	5	32	185	1.13	1.3	44	6	33
04-09	200.00	202.00	2.00	205373	36	0.3	28	5.17	4	68	211	1.67	1.01	38	12	32
04-09	202.00	204.00	2.00	205374	43	0.3	23	5.28	4	54	199	1.77	0.89	35	9	89
04-09	204.00	206.00	2.00	205375	37	0.3	22	5.16	6	84	188	1.97	0.95	38	11	49
04-09	206.00	208.00	2.00	205376	288	0.3	33	6.04	14	75	210	1.23	1.05	39	6	57
04-09	208.00	210.00	2.00	205377	157	0.3	40	6.45	14	71	216	1.9	1.22	23	10	58
04-09	210.00	212.00	2.00	205378	75	0.3	23	5.91	7	33	237	1.44	1.07	16	6	33
04-09	212.00	214.00	2.00	205379	61	0.3	28	6.53	5	81	248	1.79	1.25	24	10	38
04-09	214.00	216.00	2.00	205380	141	0.3	30	6.32	7	47	237	1.41	1.22	28	9	238
04-09	216.00	218.00	2.00	205381	61	0.3	31	6.21	5	89	234	1.23	1.35	27	14	72
04-09	218.00	220.00	2.00	205382	112	0.5	31	5.99	5	73	200	3.17	1.58	27	9	59
04-09	220.00	222.00	2.00	205383	220	0.3	50	8.12	12	58	225	5.06	2.22	14	15	82
04-09	222.00	224.00	2.00	205384	89	0.3	25	5.16	7	62	153	2.14	1.19	26	3	31
04-09	224.00	226.00	2.00	205385	30	0.3	5	5.07	4	42	192	2.15	0.88	43	7	25
04-09	226.00	228.00	2.00	205386	52	0.3	8	6.69	4	38	254	2.17	1.01	47	7	22
04-09	228.00	230.00	2.00	205387	25	0.3	2	2.29	2	21	80	0.95	0.36	39	3	12
04-09	230.00	232.00	2.00	205388	427	0.3	7	3.8	5	29	125	2.16	0.88	32	6	18
04-09	232.00	234.00	2.00	205389	153	0.4	41	10.25	7	49	248	3.17	2.75	19	10	62
04-09	234.00	236.00	2.00	205390	134	0.3	29	6.64	4	45	212	1.7	1.62	39	7	76
04-09	236.00	238.00	2.00	205391	72	0.3	7	4.36	7	58	158	2.32	1.04	36	8	16
04-09	238.00	240.00	2.00	205392	70	0.3	35	7.04	3	52	214	2.21	2.22	35	8	26
04-09	240.00	242.00	2.00	205393	177	0.4	37	8.31	6	74	262	3.91	2.7	21	7	59
04-09	242.00	244.00	2.00	205394	35	0.3	51	7.04	4	105	226	3.1	2.58	33	7	24
04-09	244.00	246.00	2.00	205395	1106	2.6	69	11.17	97	88	205	3.35	1.72	54	12	856
04-09	246.00	248.00	2.00	205396	287	0.3	21	6.45	22	40	251	2.13	1.77	70	3	284
04-09	248.00	250.00	2.00	205397	316	0.3	48	10.21	49	32	211	0.83	1.74	80	8	499
04-09	250.00	252.00	2.00	205398	1287	0.3	70	13.4	116	42	219	0.77	1.62	79	8	1092
04-09	252.00	254.00	2.00	205399	1465	0.4	73	14.52	59	26	213	0.82	1.87	80	10	1315
04-09	254.00	256.00	2.00	205400	343	0.5	42	11.26	15	32	251	1.16	2.73	139	11	682
04-09	256.00	258.00	2.00	205401	928	1	52	9.99	2	44	259	1.53	3.26	182	10	3374
04-09	258.00	260.00	2.00	205402	729	0.7	60	10.21	6	25	232	2.47	2.45	73	9	250
04-09	260.00	262.00	2.00	205403	645	0.3	59	10.59	7	23	241	1.35	2.93	119	8	189
04-09	262.00	264.00	2.00	205404	147	0.3	21	6.75	6	30	263	1.45	1.08	86	13	96
04-09	264.00	266.00	2.00	205405	965	0.4	39	10.96	20	29	254	2.65	1.42	86	10	363
04-09	266.00	268.00	2.00	205406	203	0.3	28	7.39	4	40	283	1.32	1.27	151	11	62
04-09	268.00	270.00	2.00	205407	3773	0.5	69	15.78	98	40	261	0.87	1.35	89	11	424

LYSANDER MINERALS CORPORATION

Appendix II

2004 DRILL CORE SAMPLING

Hole_id	From	To	Length	Sample_No	Cu(ppm)	Ag(ppm)	Ni(ppm)	Fe(%)	As(ppm)	Sr(ppm)	V(ppm)	Ca(%)	Mg(%)	Ba(ppm)	B(ppm)	Au(ppb)
04-09	270.00	272.00	2.00	205408	757	0.3	32	9.71	6	39	274	1.13	1.34	157	11	117
04-09	272.00	274.00	2.00	205409	394	0.3	28	9.45	4	54	301	2.11	1.31	258	13	193
04-09	274.00	276.00	2.00	205410	2302	0.7	83	12.26	14	34	234	2.17	1.43	92	12	276
04-09	276.00	278.00	2.00	205411	611	0.3	57	7.88	3	41	261	1.72	1.72	105	8	74
04-09	278.00	280.00	2.00	205412	241	0.3	63	6.61	4	36	227	1.41	1.75	69	9	68
04-09	280.00	282.00	2.00	205413	119	0.3	40	5.85	5	46	240	2.04	1.51	60	6	46
04-09	282.00	284.00	2.00	205414	220	0.3	27	7.46	8	50	283	1.88	1.1	49	11	36
04-09	284.00	286.00	2.00	205415	96	0.3	30	6.76	4	33	272	1.44	1.4	65	9	64
04-09	286.00	288.00	2.00	205416	101	0.3	12	7.92	2	25	336	1.19	0.85	29	9	34
04-09	288.00	290.00	2.00	205417	62	0.3	9	7.75	2	31	317	1.43	0.99	18	3	49
04-09	290.00	292.00	2.00	205418	28	0.3	11	7.95	2	44	312	2.86	1.1	28	10	41
04-09	292.00	294.00	2.00	205419	117	0.3	18	8.34	5	34	308	2.08	1.42	37	9	40
04-09	294.00	296.00	2.00	205420	198	0.3	31	7.81	2	45	278	2.58	1.75	57	10	114
04-09	296.00	298.00	2.00	205421	217	0.3	29	6.44	6	47	230	1.94	1.29	115	14	91
04-09	298.00	300.00	2.00	205422	620	0.3	31	8.08	12	48	262	2.67	1.25	37	10	256
04-09	300.00	302.00	2.00	205423	301	0.3	29	7.32	10	43	260	1.88	1.02	43	12	83
04-09	302.00	304.00	2.00	205424	519	0.3	27	7.3	18	43	233	2.23	1.01	47	14	35
04-09	304.00	306.00	2.00	205425	235	0.3	22	7.83	6	42	299	1.61	1.15	74	10	218
04-09	306.00	308.00	2.00	205426	116	0.3	10	6.72	2	42	255	2.28	0.89	32	11	6
04-09	308.00	310.00	2.00	205427	65	0.3	44	5.58	2	60	203	2.14	1.48	27	11	8
04-09	310.00	312.00	2.00	205428	172	0.3	41	5.86	5	59	186	2.71	1.43	23	10	54
04-09	312.00	314.00	2.00	205429	522	0.3	30	7.49	17	77	257	2.12	1.01	43	11	140
04-09	314.00	316.00	2.00	205430	308	0.3	25	7.15	9	77	260	2.45	1.29	41	12	181
04-09	316.00	318.00	2.00	205431	215	0.3	30	6.38	6	203	213	2.46	1.3	52	7	43
04-09	318.00	320.00	2.00	205432	482	0.3	34	8.43	6	178	260	2.59	1.58	87	8	85
04-09	320.00	322.00	2.00	205433	187	0.3	30	10.34	6	81	314	4.23	2.44	78	18	35
04-09	322.00	324.00	2.00	205434	103	0.3	22	9.47	3	43	356	1.97	1.39	106	14	71
04-09	324.00	326.00	2.00	205435	110	0.3	34	8.42	6	48	306	2.11	1.85	138	34	14
04-09	326.00	328.00	2.00	205436	356	0.3	48	8.16	9	36	310	1.47	1.58	179	17	102
04-09	328.00	330.00	2.00	205437	891	0.3	39	10.21	8	39	283	1.5	1.63	213	20	270
04-09	330.00	332.00	2.00	205438	359	0.3	39	8.15	9	50	276	1.92	1.37	191	18	75
04-09	332.00	334.00	2.00	205439	314	0.3	34	7.37	2	48	281	1.48	1.5	236	15	285
04-09	334.00	336.00	2.00	205440	135	0.3	39	4.4	4	32	170	1.6	1.38	52	14	18
04-09	336.00	338.00	2.00	205441	733	0.3	53	8.12	17	39	241	1.33	1.13	97	21	39
04-09	338.00	340.00	2.00	205442	1094	0.3	78	11.39	30	46	229	1.26	1.18	103	31	56
04-09	340.00	342.00	2.00	205443	408	0.3	37	8.35	5	50	306	1.66	1.44	185	24	144
04-09	342.00	344.00	2.00	205444	211	0.3	27	7.74	7	58	293	2.09	1.12	169	20	90
04-09	344.00	346.00	2.00	205445	279	0.3	57	7.4	4	20	245	1.49	2.16	148	15	32
04-09	346.00	348.00	2.00	205446	157	0.3	38	8.01	6	35	315	1.69	1.36	127	22	17
04-09	348.00	350.00	2.00	205447	130	0.3	28	7.63	3	61	302	1.78	1.27	97	19	47
04-09	350.00	352.00	2.00	205448	187	0.3	30	8.39	2	58	313	1.82	1.36	133	19	111
04-09	352.00	354.00	2.00	205449	46	0.4	48	6.03	2	37	220	1.4	1.82	286	10	13
04-09	354.00	356.00	2.00	205450	365	0.4	42	7.67	2	40	251	1.48	1.37	161	12	29
04-09	356.00	358.00	2.00	205451	663	0.4	69	6.77	11	42	207	1.64	1.46	111	10	29
04-09	358.00	360.00	2.00	205452	490	0.3	39	6.63	18	67	232	2.11	1.2	30	9	27
04-09	360.00	362.00	2.00	205453	756	0.7	87	9.1	29	39	244	1.94	1.95	88	12	187
04-09	362.00	364.00	2.00	205454	155	0.4	35	6.03	2	43	247	1.64	1.13	36	8	80
04-09	364.00	366.00	2.00	205455	20	0.4	49	5.81	2	36	223	1.64	1.67	56	8	10
04-09	366.00	368.00	2.00	205456	30	0.3	66	4.71	4	27	180	1.73	2.02	49	9	5
04-09	368.00	370.00	2.00	205457	21	0.3	60	3.75	5	45	145	1.52	1.88	50	10	5
04-09	370.00	372.00	2.00	205458	10	0.3	50	4.79	2	57	191	1.7	1.57	72	9	45
04-09	372.00	374.00	2.00	205459	96	0.3	58	4.63	6	29	175	1.62	1.65	57	11	8
04-09	374.00	376.00	2.00	205460	7	0.3	73	5.22	4	48	196	1.9	1.8	47	12	6
04-09	376.00	378.00	2.00	205461	5	0.3	35	6.63	3	62	267	2.28	1.48	80	16	3
04-09	378.00	380.00	2.00	205462	28	0.3	60	5.53	5	43	222	2.05	1.81	68	8	10
04-09	380.00	382.00	2.00	205463	22	0.3	63	5.48	7	33	217	1.72	1.69	57	13	20
04-09	382.00	384.00	2.00	205464	24	0.4	58	5.2	6	53	201	2.02	1.76	41	12	4
04-09	384.00	386.00	2.00	205465	67	0.3	50	5.63	6	53	210	1.68	1.57	32	13	11
04-09	386.00	388.00	2.00	205466	73	0.3	37	6.47	3	58	245	1.97	1.65	58	13	5
04-09	388.00	390.00	2.00	205467	287	0.3	33	9.08	9	48	299	2.4	1.37	27	13	21
04-09	390.00	392.00	2.00	205468	537	1	77	9.47	23	47	240	2.17	2.29	39	14	55
04-09	392.00	394.00	2.00	205469	1072	1.3	106	9.95	60	30	220	1.87	2.62	87	16	149
04-09	394.00	396.00	2.00	205470	49	0.3	71	6.4	6	31	241	2.16	2.19	85	14	6
04-09	396.00	398.00	2.00	205471	44	0.4	67	6.14	7	30	228	2.51	2.03	33	10	35
04-09	398.00	400.00	2.00	205472	733	0.4	41	6.87	7	55	260	2.45	1.65	52	15	34
04-09	400.00	402.00	2.00	205473	33	0.4	41	6.87	11	42	261	2	1.59	64	14	4
04-09	402.00	404.00	2.00	205474	108	0.3	62	6.34	9	45	243	1.47	1.85	94	13	1872
04-09	404.00	406.00	2.00	205475	140	0.5	67	6.53	7	39	235	1.67	2.16	69	11	124
04-09	406.00	408.00	2.00	205476	89	0.3	56	7.43	4	33	273	1.64	2.03	79	16	46
04-09	408.00	410.00	2.00	205477	119	0.5	77	7.37	2	31	272	1.65	2.6	124	13	53
04-09	410.00	412.00	2.00	205478	131	0.7	72	9.45	3	34	306	1.55	2.59	130	18	29
04-09	412.00	414.00	2.00	205479	184	0.3	75	11.33	7	28	291	1.73	2.72	210	14	94
04-09	414.00	416.00	2.00	205480	314	0.3	50	10.78	2	45	280	1.67	1.46	145	8	27
04-09	416.00	418.00	2.00	205481	1155	0.3	63	9.68	3	37	286	1.84	2	159	7	331
04-09	418.00	420.00	2.00	205482	170	0.3	61	6.86	6	55	253	1.86	1.79	133	10	33
04-09	420.00	422.00	2.00	205483	109	0.3	50	6.66	6	54	259	1.85	1.7	147	12	13
04-09	422.00	424.00	2.00	205484	123	0.3	59	7.23	6	42	261	1.69	2.33	122	12	17
04-09	424.00	426.00	2.00	205485	142	0.3	62	6.84	13	51	248	1.8	2.29	129	14	14
04-09	426.00	428.00	2.00	205486	248	0.3	55	7.34	2	49	257	1.52	2.09	67	5	37
04-09	428.00	430.00	2.00	205487	153	0.3	54	7.02	3	42	247	1.84	2.16	40	6	58
04-09	430.00	432.00	2.00	205488	66	0.3	54	8.4	5	80	265	1.8	2.03	56	7	10

LYSANDER MINERALS CORPORATION

Appendix II

2004 DRILL CORE SAMPLING

Hole_id	From	To	Length	Sample_No	Cu(ppm)	Ag(ppm)	Ni(ppm)	Fe(%)	As(ppm)	Sr(ppm)	V(ppm)	Ca(%)	Mg(%)	Ba(ppm)	B(ppm)	Au(ppb)
04-09	432.00	434.00	2.00	205489	150	0.3	51	9.54	7	36	264	2.46	2	61	4	25
04-09	434.00	436.00	2.00	205490	72	0.3	53	8.68	6	34	254	2.72	2.3	39	4	15
04-09	436.00	438.00	2.00	205491	122	0.3	35	7.46	15	47	282	2.58	0.89	59	23	14
04-09	438.00	440.00	2.00	205492	183	0.3	43	7.51	5	79	261	2.07	1.48	36	11	35
04-09	440.00	442.00	2.00	205493	184	0.3	59	6.31	3	70	229	1.76	1.83	48	9	44
04-09	442.00	444.00	2.00	205494	242	0.3	44	6.53	2	47	233	1.59	1.58	24	11	59
04-09	444.00	446.00	2.00	205495	199	0.3	43	8.19	5	48	253	1.57	1.42	54	10	66
04-09	446.00	448.00	2.00	205496	149	0.3	43	5.65	6	57	202	1.36	1.54	36	14	23
04-09	448.00	450.00	2.00	205497	116	0.3	53	6.14	7	35	225	1.32	1.86	78	6	17
04-09	450.00	452.00	2.00	205498	253	0.3	43	5.77	11	54	223	1.44	1.25	64	10	35
04-09	452.00	454.00	2.00	205499	103	0.3	67	5.85	3	41	220	1.48	1.86	43	8	10
04-09	454.00	456.00	2.00	205500	133	0.3	67	4.93	8	56	183	1.32	1.72	41	11	20
04-09	456.00	458.00	2.00	205501	344	0.3	101	7.86	4	32	227	1.4	2.59	109	11	22
04-09	458.00	460.00	2.00	205502	65	0.3	112	5.81	3	35	190	1.19	2.73	122	10	7
04-09	460.00	462.00	2.00	205503	270	0.3	76	8.12	8	90	247	1.29	1.8	116	16	53
04-09	462.00	464.00	2.00	205504	224	0.3	49	7.73	6	69	253	1.73	1.41	91	16	81
04-09	464.00	466.00	2.00	205505	1299	0.3	48	11.21	9	36	247	1.27	1.82	71	6	915
04-09	466.00	468.00	2.00	205506	414	0.3	40	9.73	2	44	257	1.82	1.77	43	8	103
04-09	468.00	470.00	2.00	205507	178	0.3	43	7.53	5	43	271	2.09	1.67	44	8	44
04-09	470.00	472.00	2.00	205508	102	0.3	55	11.83	5	53	303	2.13	2.47	65	3	16
04-09	472.00	474.00	2.00	205509	1090	0.3	72	11.97	25	87	259	5.26	2.02	30	4	25
04-09	474.00	476.00	2.00	205510	317	0.3	44	9.39	15	59	240	1.92	1.57	51	7	44
04-09	476.00	478.00	2.00	205511	169	0.3	40	11	3	46	290	2.02	2.08	146	9	7
04-09	478.00	480.00	2.00	205512	586	1.5	46	9.52	23	100	248	3.62	1.93	58	13	13
04-09	480.00	482.00	2.00	205513	128	0.3	38	9.36	3	46	270	3.5	1.84	35	14	5
04-09	482.00	484.00	2.00	205514	380	0.3	46	9.4	6	77	265	2.21	1.43	76	13	7
04-09	484.00	486.00	2.00	205515	712	0.3	63	11.14	6	75	207	3.81	1.56	19	10	23
04-09	486.00	488.00	2.00	205516	226	0.3	39	8.69	5	44	254	1.35	1.4	64	12	9
04-09	488.00	490.00	2.00	205517	65	0.3	30	6.61	3	54	240	2	1.12	53	17	5
04-09	490.00	492.00	2.00	205518	130	0.3	36	7.85	3	35	244	1.28	1.18	45	12	5
04-09	492.00	494.00	2.00	205519	1945	0.3	134	14.17	37	46	170	0.94	1.09	38	17	51
04-09	494.00	496.00	2.00	205520	176	0.3	32	6.19	2	36	246	1.3	1.29	46	12	33
04-09	496.00	498.00	2.00	205521	105	0.3	31	5.74	2	47	236	1.22	1.27	35	8	20
04-09	498.00	500.00	2.00	205522	239	0.3	30	6.58	6	67	242	1.44	1.07	21	14	35
04-09	500.00	502.00	2.00	205523	146	0.3	34	7.41	19	56	216	3.49	1.5	23	15	9
04-09	502.00	504.00	2.00	205524	1078	0.7	103	12.8	47	109	219	5.3	1.93	27	17	12
04-09	504.00	506.00	2.00	205525	523	0.4	44	9.99	28	107	165	5.72	2.45	26	13	5
04-09	506.00	508.00	2.00	205526	96	0.3	39	10.59	6	89	171	6.03	3.13	36	13	4
04-09	508.00	510.00	2.00	205527	2214	0.5	58	15.09	36	58	233	4.43	4.12	9	12	13
04-09	510.00	512.00	2.00	205528	124	0.3	41	8.21	3	46	263	1.61	1.63	30	12	8
04-09	512.00	514.00	2.00	205529	82	0.3	37	6.9	2	34	250	1.52	1.62	31	11	7
04-09	514.00	516.00	2.00	205530	97	0.3	39	7.12	4	40	244	1.49	1.43	33	12	6
04-09	516.00	518.00	2.00	205531	156	0.3	35	6.47	6	36	216	1.68	1.29	29	11	4
04-09	518.00	520.00	2.00	205532	137	0.3	33	5.75	4	46	211	1.72	1.36	27	11	10
04-09	520.00	522.00	2.00	205533	101	0.3	35	6.44	4	46	236	1.25	1.32	22	11	14
04-09	522.00	524.00	2.00	205534	245	0.3	45	5.97	2	34	206	1.75	1.48	26	11	16
04-09	524.00	526.00	2.00	205535	75	0.3	37	6.02	4	65	238	2.01	1.54	24	13	9
04-09	526.00	528.00	2.00	205536	142	0.3	39	6.69	4	39	245	1.78	1.59	33	12	18
04-09	528.00	530.00	2.00	205537	145	0.3	46	8.03	11	35	250	1.92	1.71	35	12	6
04-09	530.00	532.00	2.00	205538	412	0.3	67	9.21	6	77	238	1.24	1.59	43	13	20
04-09	532.00	534.00	2.00	205539	117	0.3	43	8.42	5	31	225	1.13	1.58	44	13	8
04-09	534.00	536.00	2.00	205540	138	0.3	52	10.23	7	70	230	1	1.52	59	14	16
04-09	536.00	538.00	2.00	205541	66	0.3	36	6.31	3	48	209	1.26	1.23	41	12	6
04-09	538.00	540.00	2.00	205542	55	0.3	39	7.38	3	47	214	1.09	1.09	44	10	4
04-09	540.00	542.00	2.00	205543	188	0.3	48	6.99	10	42	195	1.43	0.98	21	12	6
04-09	542.00	544.00	2.00	205544	108	0.3	39	6.66	6	121	211	1.65	0.97	40	13	7
04-09	544.00	546.00	2.00	205545	85	0.3	48	7.13	9	34	225	1.85	1.25	37	14	5
04-09	546.00	548.00	2.00	205546	48	0.3	23	5.04	10	34	174	2	0.64	22	14	10
04-09	548.00	550.00	2.00	205547	733	0.7	103	9.6	120	102	125	3.36	1.05	20	14	51
04-09	550.00	552.00	2.00	205548	113	0.3	41	6.81	8	30	206	1.28	1.04	35	6	10
04-09	552.00	554.00	2.00	205549	81	0.3	39	7.77	8	24	238	1.6	1.54	27	11	5
04-09	554.00	556.00	2.00	205550	178	0.3	35	6.69	2	26	221	0.87	1.22	30	6	35
04-09	556.00	558.00	2.00	205551	318	0.3	39	7.99	8	32	202	1.97	1.71	23	10	23
04-09	558.00	560.00	2.00	205552	762	0.5	39	7.29	9	43	205	1.46	1.37	20	10	31
04-09	560.00	562.00	2.00	205553	91	0.3	57	5.65	8	54	191	1.39	1.87	15	14	7
04-09	562.00	564.00	2.00	205554	24	0.3	99	4.89	4	96	167	1.11	2.3	22	7	18
04-09	564.00	566.00	2.00	205555	216	0.5	47	5.3	13	49	185	1.18	1.51	19	12	10
04-09	566.00	568.00	2.00	205556	56	0.3	60	7.36	3	65	220	2.47	2.54	13	13	2
04-09	568.00	570.00	2.00	205557	89	0.3	68	7.4	5	52	223	2.71	2.73	11	9	3
04-09	570.00	572.00	2.00	205558	394	0.3	85	7.51	38	54	221	1.77	2.05	17	7	6

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
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GEOCHEMICAL ANALYSIS CERTIFICATE

Lysander Gold Corporation File # A405596 Page 1

1980 - 1055 W. Hastings S, Vancouver BC V6E 2E9 Submitted by: Don Mustard

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	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	Au** ppb	Sample kg
S1	<1	<1	<3	3	<.3	<1	<1	8	.03	<2	<8	<2	<2	3	<.5	<3	<3	<1	.11	<.001	<1	2	<.01	3	<.01	<3	.01	.47	.01	<2	<2	-
205001	1	160	<3	22	<.3	17	42	525	7.76	8	12	2	<2	50	<.5	<3	<3	241	1.13	.119	4	173	1.48	91	.22	9	1.59	.07	.16	3	1934	.99
205002	2	3552	4	29	.4	36	130	623	10.93	46	10	4	<2	53	<.5	<3	<3	203	.94	.087	6	165	1.19	33	.11	12	1.53	.02	.08	2	1718	5.02
205003	3	1382	14	71	.9	35	91	1418	10.86	97	<8	<2	<2	77	<.5	<3	<3	223	2.47	.110	4	191	1.70	38	.12	9	1.82	.02	.06	2	1359	5.33
205004	11	9827	4	63	1.2	20	36	697	7.50	18	<8	<2	<2	53	<.5	<3	4	227	1.99	.232	7	59	1.38	32	.11	7	1.72	.04	.09	<2	59	5.78
205005	195	>10000	22	339	8.3	64	80	2016	8.93	37	<8	<2	2	29	<.5	<3	17	206	.87	.226	11	83	2.41	16	.05	9	2.55	.01	.10	2	93	5.58
205006	4	3441	7	67	.4	27	33	716	6.64	10	<8	<2	2	61	<.5	<3	<3	226	1.71	.106	5	55	1.76	22	.17	8	2.04	.03	.08	<2	45	9.27
205007	4	1314	9	79	<.3	24	56	1033	8.37	28	<8	<2	<2	42	<.5	<3	<3	222	2.46	.098	4	66	1.83	24	.15	10	1.88	.02	.09	<2	117	5.97
205008	9	3762	11	37	.9	29	34	556	7.36	19	8	<2	<2	66	<.5	<3	<3	198	1.98	.083	3	58	1.40	21	.12	5	1.71	.01	.06	<2	119	9.07
205009	2	436	<3	16	<.3	18	30	379	6.17	16	<8	<2	<2	64	<.5	<3	<3	185	1.97	.091	4	45	1.03	40	.16	9	1.49	.03	.09	<2	151	8.79
205010	<1	80	5	22	<.3	21	15	530	6.90	12	<8	<2	<2	58	<.5	<3	<3	262	1.94	.108	3	52	1.48	48	.25	6	1.94	.06	.15	<2	47	6.93
205011	1	129	4	23	<.3	19	14	505	6.38	14	<8	<2	<2	55	<.5	<3	<3	247	2.12	.111	3	53	1.28	35	.20	8	1.74	.04	.10	<2	143	8.46
205012	1	142	<3	25	<.3	23	27	530	6.98	14	11	<2	<2	50	<.5	<3	<3	246	2.25	.100	3	64	1.48	28	.21	10	1.83	.02	.10	<2	69	9.29
205013	2	151	<3	24	<.3	26	23	516	6.81	19	<8	<2	<2	45	<.5	<3	<3	252	1.87	.100	3	71	1.36	37	.22	12	1.68	.05	.12	<2	73	9.46
205014	1	154	<3	25	<.3	25	19	605	7.34	13	9	<2	<2	59	<.5	<3	<3	256	2.70	.093	3	77	1.74	44	.26	10	1.96	.05	.15	<2	131	7.42
205015	3	426	3	24	<.3	28	44	483	7.77	30	14	<2	<2	69	<.5	<3	<3	256	2.06	.106	5	57	1.49	59	.25	10	1.95	.05	.15	<2	212	9.19
205016	<1	207	<3	21	<.3	24	25	387	7.08	9	9	<2	<2	29	<.5	<3	<3	257	1.48	.110	4	67	1.32	45	.25	13	1.69	.05	.17	5	240	8.29
205017	<1	222	<3	23	<.3	21	31	485	7.10	13	8	2	<2	57	<.5	<3	<3	240	2.42	.104	4	47	1.50	52	.25	10	1.73	.03	.14	2	1565	9.59
205018	1	355	<3	26	<.3	20	67	511	10.15	15	<8	11	<2	103	<.5	<3	<3	271	2.66	.100	4	82	1.01	70	.20	14	1.74	.02	.10	2	12925	6.95
RE 205018	<1	358	<3	26	<.3	20	68	522	10.36	17	13	11	<2	104	<.5	<3	<3	276	2.72	.101	4	84	1.03	71	.20	12	1.76	.02	.10	<2	11233	-
RRE 205018	1	366	<3	25	<.3	21	67	528	10.43	20	11	10	<2	102	<.5	<3	<3	280	2.68	.102	4	84	1.05	69	.19	13	1.76	.02	.10	<2	10319	-
205019	<1	394	<3	25	<.3	31	80	491	10.05	24	15	3	<2	48	<.5	<3	<3	248	2.28	.089	4	76	1.44	46	.24	17	1.98	.02	.12	<2	1888	7.07
205020	1	270	9	39	<.3	25	47	539	8.94	17	11	2	<2	71	<.5	<3	<3	244	2.52	.096	4	66	1.52	57	.26	12	1.86	.02	.13	<2	1990	8.12
205021	1	210	<3	35	<.3	25	43	461	7.82	16	<8	<2	<2	55	<.5	<3	<3	223	2.34	.087	4	59	1.57	30	.24	8	2.13	.01	.13	<2	687	9.44
205022	<1	56	<3	26	<.3	25	22	529	7.81	12	<8	<2	2	36	<.5	<3	<3	263	1.88	.098	3	79	1.48	46	.25	16	2.02	.02	.13	<2	258	9.02
205023	<1	57	3	19	<.3	21	27	428	7.75	9	9	<2	<2	28	<.5	<3	<3	250	1.57	.084	3	79	1.05	37	.20	11	1.30	.02	.10	<2	245	10.78
205024	1	68	<3	19	.3	26	29	407	6.36	10	8	<2	<2	35	<.5	<3	<3	239	1.58	.102	3	75	.97	58	.21	13	1.29	.03	.15	2	553	2.70
205025	1	43	<3	19	.3	20	20	444	7.56	9	<8	<2	<2	49	<.5	<3	<3	219	1.99	.091	3	103	1.08	38	.17	13	1.42	.02	.10	<2	90	2.72
205026	3	453	<3	17	<.3	22	45	370	7.13	10	9	<2	<2	87	<.5	<3	<3	226	2.64	.105	3	67	.90	61	.19	14	1.72	.02	.12	>100	618	5.45
205027	1	63	<3	19	<.3	22	22	319	7.46	12	10	<2	<2	26	<.5	<3	<3	250	1.45	.094	3	127	.82	43	.21	15	1.27	.02	.15	5	297	4.64
205028	1	92	<3	20	<.3	23	22	321	7.98	11	9	<2	2	43	<.5	<3	<3	257	1.20	.098	3	85	1.02	57	.24	16	1.31	.04	.16	<2	501	5.11
205029	<1	64	<3	16	<.3	22	9	303	7.70	11	8	<2	<2	53	<.5	<3	<3	276	1.71	.107	3	79	1.00	58	.23	15	1.63	.06	.20	<2	56	5.69
205030	1	174	<3	21	<.3	33	15	404	7.83	11	8	<2	<2	38	<.5	<3	<3	272	1.46	.096	3	150	1.41	51	.28	15	1.78	.06	.18	<2	136	4.84
205031	<1	250	<3	22	.4	44	52	487	8.15	25	<8	<2	<2	75	<.5	<3	<3	234	2.14	.085	2	101	1.40	46	.21	14	1.66	.02	.10	<2	215	4.17
205032	1	92	8	61	.5	30	20	622	8.20	14	10	<2	<2	37	<.5	<3	<3	268	2.75	.086	3	119	1.37	38	.25	14	1.67	.01	.15	<2	287	4.15
STANDARD DS5/AU-R	13	144	24	132	<.3	25	12	764	3.05	18	<8	<2	3	48	5.5	4	7	59	.72	.091	12	189	.68	138	.10	15	2.08	.04	.14	5	481	-

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
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ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE R150 60C AU** GROUP 3B - 30.00 GM SAMPLE ANALYSIS BY FA/ICP.
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data a FA ____ DATE RECEIVED: SEP 22 2004 DATE REPORT MAILED: Sept. 30/04

BRITISH COLUMBIA CERTIFIED ASSAYER
Clarence Leong

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	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	Au** ppb	Sample kg
205033	2	280	5	72	.7	33	47	849	7.03	6	<8	<2	<2	60	<.5	<3	<3	246	3.69	.083	4	155	1.34	44	.22	<3	1.68	.02	.13	<2	416	1.73
205034	2	39	<3	21	.3	34	14	440	6.06	14	9	<2	<2	43	<.5	<3	<3	224	2.39	.068	2	234	.81	43	.18	9	1.60	.02	.16	<2	56	4.09
205035	1	84	8	41	<.3	33	12	803	5.82	5	8	<2	<2	71	<.5	<3	<3	201	3.97	.069	2	221	1.09	39	.18	<3	1.48	.01	.08	<2	86	5.02
205036	<1	333	3	38	.4	46	12	516	6.84	6	11	<2	<2	24	<.5	<3	<3	230	1.87	.078	2	253	1.36	36	.25	<3	1.51	.02	.12	<2	93	5.15
205037	<1	28	<3	22	<.3	38	12	352	5.53	11	<8	<2	<2	26	<.5	<3	<3	212	1.92	.075	2	263	.98	40	.21	10	1.53	.01	.13	<2	23	4.99
205038	1	5	<3	20	.3	34	9	297	5.07	10	<8	<2	<2	45	<.5	<3	<3	215	2.38	.080	2	237	.99	59	.25	13	1.84	.02	.18	<2	16	5.53
205039	<1	156	<3	25	<.3	59	20	328	6.50	12	<8	<2	<2	55	<.5	<3	<3	243	1.88	.079	3	206	.95	79	.24	5	1.70	.04	.25	<2	102	4.15
205040	<1	164	<3	22	.3	47	17	331	5.55	10	<8	<2	<2	50	<.5	<3	<3	219	1.78	.073	2	180	1.16	43	.27	3	1.61	.07	.15	<2	65	3.47
205041	1	40	<3	21	.3	31	13	363	4.55	7	<8	<2	<2	61	<.5	<3	<3	195	1.67	.079	2	150	1.21	34	.24	7	1.71	.07	.15	<2	27	5.46
205042	1	48	<3	23	.3	35	12	319	4.62	7	12	<2	<2	52	<.5	<3	<3	204	1.57	.081	2	164	1.17	37	.27	55	1.63	.08	.17	<2	19	3.71
205043	1	68	<3	32	.5	45	16	428	6.70	7	11	<2	<2	34	<.5	<3	<3	233	1.34	.079	3	233	1.59	49	.30	<3	1.64	.06	.17	<2	47	4.60
205044	<1	152	<3	31	.3	57	21	431	7.21	9	<8	<2	<2	18	<.5	<3	<3	224	1.49	.063	2	311	1.49	43	.25	<3	1.50	.03	.14	<2	101	3.86
RE 205044	<1	155	<3	30	.4	57	21	433	7.24	7	<8	<2	<2	18	<.5	<3	<3	225	1.50	.063	2	310	1.49	43	.25	<3	1.47	.03	.14	<2	115	-
RRE 205044	<1	157	<3	33	<.3	58	22	453	7.55	7	8	<2	<2	19	<.5	<3	<3	236	1.51	.065	2	327	1.57	45	.26	<3	1.54	.03	.15	<2	108	-
205045	3	3530	6	54	2.5	123	320	577	13.02	70	17	<2	<2	29	.7	<3	<3	164	1.68	.085	4	426	1.47	35	.18	<3	1.62	.01	.06	<2	2837	2.68
205046	1	260	11	67	.4	52	50	712	6.74	8	<8	<2	<2	25	.5	<3	<3	202	1.85	.078	2	372	1.67	37	.22	<3	1.56	.02	.12	<2	102	3.65
205047	1	76	<3	22	<.3	44	17	339	5.45	5	<8	<2	<2	22	<.5	3	<3	171	1.57	.072	2	359	1.32	32	.19	<3	1.47	.03	.13	<2	239	4.34
205048	1	378	6	40	.5	59	73	578	6.42	18	<8	<2	<2	27	<.5	<3	<3	164	1.48	.064	2	355	1.45	22	.18	<3	1.37	.02	.08	<2	48	4.65
205049	1	1120	3	33	<.3	128	148	482	8.92	31	<8	<2	<2	28	<.5	<3	<3	156	1.20	.063	2	344	1.82	37	.19	<3	1.80	.02	.10	<2	112	4.16
205050	5	165	94	465	.6	33	31	3028	5.91	5	<8	<2	<2	108	1.6	<3	<3	214	6.23	.108	4	304	2.19	44	.13	<3	2.45	.02	.11	<2	17	3.29
205051	4	256	16	119	.4	11	32	1217	2.55	15	<8	<2	<2	84	.6	<3	<3	95	3.90	.176	5	13	1.13	53	.09	<3	1.44	.03	.16	<2	45	2.88
205052	2	129	11	57	.3	15	12	989	3.03	8	<8	<2	<2	83	<.5	<3	<3	103	3.67	.160	5	114	1.13	45	.11	3	1.41	.04	.15	<2	185	4.16
205053	2	131	13	38	.4	41	19	503	5.59	7	12	<2	<2	34	<.5	<3	<3	172	1.64	.076	3	358	1.68	39	.20	<3	1.49	.03	.13	<2	934	4.10
205054	2	1405	3	49	1.1	77	116	744	7.60	56	9	<2	<2	29	<.5	<3	<3	179	2.11	.065	3	351	1.99	25	.17	<3	1.60	.02	.11	17	168	3.66
205055	2	187	<3	27	.4	45	20	483	5.58	13	15	<2	<2	30	<.5	<3	5	176	1.54	.076	2	350	1.42	33	.16	<3	1.43	.03	.11	<2	107	4.25
205056	1	156	3	38	<.3	50	23	711	6.63	8	<8	<2	<2	86	<.5	<3	3	175	3.99	.083	2	389	2.26	10	.13	<3	1.97	.01	.03	<2	72	3.61
205057	<1	185	<3	25	<.3	48	12	462	4.90	6	<8	<2	<2	96	<.5	<3	<3	162	2.41	.075	2	343	1.71	44	.15	<3	1.55	.05	.12	<2	703	4.40
205058	1	142	<3	33	.3	57	14	610	4.71	<2	<8	<2	<2	87	<.5	<3	3	161	2.82	.079	2	326	2.19	30	.17	<3	1.88	.03	.08	<2	183	4.28
205059	1	55	<3	24	.3	34	11	409	5.45	5	<8	<2	<2	50	<.5	<3	<3	185	1.44	.077	2	344	1.31	41	.19	<3	1.35	.04	.13	<2	31	4.29
205060	1	79	<3	35	.4	30	18	566	5.20	6	<8	<2	<2	49	<.5	<3	<3	181	2.16	.068	2	305	1.34	15	.13	<3	1.37	.03	.06	<2	11	3.86
205061	1	43	<3	32	<.3	8	10	450	3.95	5	<8	<2	<2	36	<.5	<3	<3	128	1.88	.103	6	103	.91	24	.11	<3	.95	.03	.10	<2	10	3.73
205062	1	111	3	27	<.3	6	16	307	2.81	10	<8	<2	<2	57	<.5	<3	<3	89	1.88	.128	8	5	.69	44	.13	<3	1.55	.03	.10	<2	87	2.99
205063	2	108	<3	18	.3	4	13	159	2.82	10	<8	<2	<2	22	<.5	<3	3	86	1.06	.125	7	4	.37	52	.12	4	.82	.04	.14	<2	87	3.09
205064	1	1131	3	27	.3	22	110	206	5.34	27	<8	<2	<2	23	<.5	<3	3	75	.71	.115	5	6	.48	64	.11	<3	1.06	.02	.14	<2	517	4.10
STANDARD DS5/AU-R	13	144	24	138	.3	27	13	784	3.16	18	9	<2	2	50	6.0	4	6	63	.85	.096	12	199	.71	146	.10	17	2.20	.04	.15	5	489	-

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ✓ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	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	Au** ppb	Sample kg
205065	<1	176	3	17	<.3	5	15	142	2.22	6	<8	<2	<2	38	<.5	<3	<3	64	.91	.120	7	3	.29	63	.10	5	.66	.04	.13	<2	64	3.93
205066	3	1371	3	21	.3	56	117	268	7.73	30	<8	<2	<2	28	<.5	<3	<3	141	.76	.112	4	115	1.19	59	.16	<3	1.35	.02	.14	2	2735	4.74
205067	29	652	<3	20	.3	48	72	288	7.35	24	8	<2	<2	34	<.5	<3	<3	231	1.52	.086	3	79	.74	25	.13	<3	1.19	.03	.08	2	153	4.56
205068	<1	256	<3	19	<.3	63	27	370	5.67	8	9	<2	<2	26	<.5	<3	<3	180	.98	.088	2	263	1.65	36	.17	<3	1.41	.02	.13	<2	67	4.48
205069	<1	50	10	53	.3	64	17	1190	6.29	3	<8	<2	<2	34	<.5	<3	<3	200	2.33	.083	2	303	2.75	27	.21	<3	2.08	.02	.13	<2	19	4.72
205070	<1	230	10	70	<.3	57	35	1279	5.29	6	<8	<2	<2	39	<.5	<3	<3	150	2.28	.091	2	259	1.95	21	.16	<3	1.48	.02	.08	<2	59	4.30
205071	22	199	8	38	<.3	49	22	658	5.04	7	10	<2	<2	36	<.5	<3	<3	154	1.86	.084	3	272	2.00	25	.16	<3	1.47	.02	.11	<2	163	4.32
205072	7	27	<3	24	.3	56	10	413	5.10	2	11	<2	<2	21	<.5	<3	<3	158	1.22	.079	2	255	2.12	22	.18	<3	1.56	.02	.16	<2	9	4.70
205073	<1	21	<3	24	<.3	69	12	618	4.77	5	<8	<2	<2	29	<.5	4	<3	147	2.22	.075	2	347	1.90	20	.17	<3	1.61	.03	.14	<2	18	3.51
205074	2	34	<3	18	<.3	54	13	296	5.23	6	<8	<2	<2	30	<.5	<3	<3	171	1.36	.099	2	273	1.70	58	.20	6	1.62	.02	.24	<2	33	5.22
205075	1	109	3	23	.3	70	17	310	6.22	10	<8	<2	<2	14	<.5	<3	<3	182	.92	.086	3	319	2.06	116	.22	<3	1.65	.03	.75	<2	46	3.91
205076	1	3411	5	53	1.0	144	176	375	10.40	55	8	<2	<2	18	.6	<3	<3	162	.88	.077	2	246	2.07	65	.19	<3	1.54	.01	.49	3	537	5.02
205077	2	32	4	20	<.3	55	12	291	4.69	2	<8	<2	<2	24	<.5	<3	<3	166	1.14	.085	2	256	1.81	75	.20	45	1.66	.03	.56	2	18	4.47
205078	<1	20	<3	18	<.3	50	14	277	4.38	3	<8	<2	<2	23	<.5	<3	<3	174	1.29	.093	2	194	1.70	60	.24	23	1.76	.04	.46	2	19	4.08
205079	2	12	<3	19	<.3	50	13	300	4.93	5	<8	<2	<2	32	<.5	<3	<3	182	1.29	.089	2	229	1.78	51	.23	10	1.75	.04	.42	<2	20	4.32
205080	<1	95	3	15	<.3	37	22	269	4.32	8	<8	<2	<2	24	<.5	<3	<3	126	1.17	.089	2	150	1.22	31	.14	<3	1.16	.02	.13	<2	15	4.52
205081	4	3912	117	428	2.7	219	285	705	12.27	194	9	<2	<2	29	2.9	<3	8	118	1.71	.064	2	137	1.23	17	.06	<3	1.54	.02	.05	2	853	4.34
205082	<1	74	<3	37	<.3	58	25	471	7.52	3	10	<2	<2	9	<.5	<3	<3	224	.72	.096	2	240	2.62	124	.28	5	1.94	.02	1.16	2	130	4.38
RE 205082	<1	78	<3	38	.5	58	27	480	7.65	4	14	<2	2	9	<.5	<3	<3	227	.73	.098	3	241	2.65	127	.28	5	1.95	.03	1.17	<2	123	-
RRE 205082	1	89	<3	37	<.3	60	26	476	7.76	5	10	<2	<2	10	<.5	3	<3	231	.78	.094	3	256	2.57	129	.27	5	1.91	.03	1.12	<2	143	-
205083	1	600	<3	29	<.3	67	69	384	7.66	17	<8	<2	<2	11	<.5	<3	<3	192	.58	.078	2	217	2.15	97	.24	<3	1.67	.02	.75	27	123	4.86
205084	1	86	<3	23	.4	47	18	317	5.91	8	13	<2	<2	17	<.5	<3	<3	193	.97	.087	2	221	1.83	100	.24	<3	1.60	.04	.56	<2	58	3.81
205085	1	68	3	30	.3	43	16	449	5.10	4	<8	<2	<2	38	<.5	<3	<3	172	1.86	.097	3	214	1.59	41	.20	4	1.54	.03	.24	<2	12	4.26
205086	<1	144	<3	26	<.3	36	22	479	4.91	9	<8	<2	<2	30	<.5	3	<3	140	1.84	.096	3	141	1.50	69	.19	5	1.51	.03	.17	2	17	4.45
205087	2	160	4	71	<.3	72	36	1535	7.83	5	<8	<2	<2	40	<.5	<3	<3	246	3.19	.115	3	277	3.09	105	.29	<3	2.64	.01	.25	<2	24	4.07
205088	1	140	19	31	.3	69	28	481	7.02	6	<8	<2	<2	42	<.5	<3	<3	230	1.21	.102	3	238	2.69	276	.30	<3	2.29	.03	.67	2	30	4.50
205089	2	42	<3	17	<.3	37	12	295	5.52	3	<8	<2	<2	36	<.5	<3	<3	173	1.15	.091	2	151	1.57	70	.20	<3	1.56	.02	.27	3	22	4.88
205090	2	43	<3	11	.3	20	9	235	3.96	7	<8	<2	<2	62	<.5	<3	<3	148	2.34	.140	3	89	.88	57	.15	12	1.85	.05	.14	2	18	4.26
205091	1	357	<3	18	<.3	36	27	239	4.98	11	<8	<2	<2	95	<.5	<3	<3	183	1.73	.098	2	92	.78	85	.13	<3	1.67	.06	.15	<2	131	4.66
205092	2	1904	<3	35	.6	57	98	405	9.72	22	<8	<2	<2	91	<.5	<3	<3	256	1.70	.100	3	77	.99	113	.21	<3	2.22	.09	.34	7	375	4.77
205093	2	734	<3	25	.3	34	51	307	6.83	6	<8	<2	<2	90	<.5	<3	<3	225	1.63	.110	3	53	.81	148	.18	7	1.86	.09	.25	<2	103	4.63
205094	1	229	<3	18	<.3	31	27	284	7.07	3	<8	<2	<2	84	<.5	<3	<3	277	1.87	.127	3	44	.84	177	.22	4	1.92	.08	.31	<2	64	4.27
205095	<1	204	<3	25	<.3	24	26	385	6.94	6	<8	<2	<2	45	<.5	<3	<3	272	1.88	.105	3	48	1.17	124	.23	6	1.68	.03	.23	<2	107	2.87
205096	1	108	<3	20	<.3	31	16	325	6.16	8	9	<2	<2	67	<.5	<3	<3	219	1.45	.095	2	140	1.31	81	.24	3	1.67	.07	.25	<2	74	4.16
STANDARD DS5/AU-R	13	140	24	132	.4	24	11	740	3.03	17	<8	<2	3	47	5.4	4	6	59	.72	.092	11	188	.68	135	.09	16	1.99	.04	.14	5	489	-

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	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	Au** ppb	Sample kg
205097	1	103	<3	45	<.3	30	12	330	5.88	6	<8	<2	<2	55	<.5	<3	<3	212	1.95	.095	2	117	1.17	56	.25	<3	1.78	.10	.24	2	69	4.79
205098	2	113	<3	17	<.3	33	14	336	6.10	8	<8	<2	<2	48	<.5	3	<3	226	1.82	.094	3	142	1.25	57	.25	5	1.67	.08	.22	2	47	3.65
205099	2	234	<3	19	<.3	38	17	359	7.14	8	<8	<2	<2	75	<.5	<3	<3	275	1.80	.106	3	165	1.51	133	.31	9	2.13	.15	.43	<2	64	5.76
205100	4	148	<3	29	<.3	35	29	417	8.42	3	<8	<2	<2	76	<.5	3	<3	379	1.70	.087	2	140	1.51	221	.34	<3	2.02	.08	.46	2	62	5.31
205101	1	133	<3	26	<.3	22	27	375	8.22	2	<8	<2	2	81	<.5	<3	<3	375	1.70	.096	3	62	1.23	180	.31	30	1.79	.07	.34	<2	103	3.82
205102	1	435	<3	26	<.3	55	42	398	6.89	4	<8	<2	<2	44	<.5	<3	<3	237	1.67	.110	3	211	1.73	130	.25	4	2.05	.06	.31	<2	146	4.48
205103	1	223	<3	28	<.3	30	31	411	8.27	7	9	<2	2	44	<.5	<3	<3	288	1.72	.113	3	103	1.52	143	.32	<3	1.89	.06	.33	<2	97	4.34
205104	1	304	<3	38	<.3	34	36	572	9.15	<2	<8	<2	2	65	<.5	<3	<3	334	2.09	.106	3	143	1.82	193	.35	6	2.01	.05	.32	<2	184	4.62
205105	3	352	<3	32	<.3	21	27	491	8.00	<2	<8	<2	<2	225	<.5	<3	<3	347	2.28	.108	3	66	1.29	265	.31	<3	2.04	.09	.36	2	739	4.60
205106	3	944	<3	39	.3	38	49	523	8.12	6	<8	<2	<2	66	<.5	<3	<3	318	2.39	.114	3	97	1.31	165	.26	5	2.22	.05	.29	3	917	4.62
205107	3	510	4	29	.3	38	42	524	7.96	3	<8	<2	2	57	<.5	<3	<3	307	1.84	.107	3	112	1.37	106	.25	6	2.01	.06	.22	2	257	3.83
205108	1	410	<3	34	<.3	30	34	513	8.13	2	<8	<2	<2	65	<.5	<3	<3	353	2.30	.108	2	87	1.45	166	.29	<3	2.27	.06	.28	<2	128	3.96
205109	3	171	<3	29	<.3	33	29	481	6.67	<2	13	<2	<2	56	<.5	<3	<3	301	2.11	.103	2	139	1.34	116	.26	3	2.02	.07	.26	<2	75	4.84
205110	1	147	<3	29	<.3	33	23	472	5.55	2	<8	<2	<2	59	<.5	<3	<3	242	3.35	.096	2	136	1.14	69	.22	5	2.24	.05	.17	3	103	3.53
205111	1	92	<3	28	<.3	34	20	505	5.50	9	8	<2	<2	53	<.5	<3	<3	243	2.52	.098	2	156	1.12	93	.21	15	2.07	.05	.23	<2	92	4.78
205112	1	57	<3	31	<.3	48	15	555	4.88	6	12	<2	<2	44	<.5	3	<3	178	1.98	.098	2	283	1.83	46	.19	<3	1.63	.06	.15	2	16	3.93
205113	86	134	<3	20	<.3	41	23	398	4.62	6	<8	<2	<2	35	<.5	4	<3	161	2.71	.116	3	226	1.66	33	.18	<3	1.58	.06	.11	<2	24	4.26
205114	4	127	<3	25	<.3	40	18	424	6.59	5	8	<2	<2	26	<.5	<3	<3	238	1.72	.104	3	284	1.73	52	.21	<3	1.76	.05	.15	62	172	4.15
205115	2	102	<3	27	<.3	38	20	492	7.28	3	<8	<2	2	52	<.5	<3	<3	288	2.14	.110	3	179	1.74	77	.28	4	2.14	.05	.24	3	55	3.81
205116	1	347	<3	21	<.3	26	33	413	8.31	3	11	<2	<2	65	<.5	<3	<3	363	1.91	.119	2	61	1.06	82	.23	<3	1.76	.06	.20	2	129	4.88
205117	2	306	4	28	<.3	23	31	420	7.95	3	<8	<2	<2	58	<.5	<3	<3	362	1.82	.110	3	76	1.00	132	.26	12	1.73	.07	.28	3	243	4.70
205118	1	225	<3	16	<.3	20	24	269	5.32	5	<8	<2	<2	46	<.5	<3	<3	209	1.58	.094	3	73	.53	59	.12	4	1.20	.05	.14	<2	47	4.12
RE 205118	1	225	<3	17	<.3	21	24	268	5.33	4	<8	<2	<2	47	<.5	<3	<3	211	1.60	.095	3	73	.54	59	.13	7	1.20	.05	.14	2	41	-
RRE 205118	2	212	<3	18	<.3	20	23	281	5.57	5	8	<2	2	48	<.5	<3	<3	224	1.56	.096	3	76	.59	65	.14	7	1.24	.06	.16	2	40	-
205119	1	169	3	21	<.3	29	23	364	5.37	4	11	<2	<2	43	<.5	<3	<3	203	2.96	.079	2	141	.95	59	.17	5	2.07	.06	.14	2	57	3.97
205120	2	430	<3	24	<.3	52	61	420	9.75	7	<8	<2	<2	58	<.5	<3	<3	395	1.72	.096	2	139	1.01	95	.20	<3	1.70	.07	.25	2	227	4.90
205121	1	442	<3	17	<.3	32	29	365	6.28	9	<8	<2	<2	61	<.5	<3	<3	254	2.92	.096	3	114	.93	66	.17	<3	1.73	.06	.16	<2	156	4.17
205122	<1	425	<3	23	<.3	32	32	421	7.87	10	<8	<2	<2	56	<.5	<3	<3	274	2.45	.098	3	84	1.12	82	.22	8	2.16	.06	.17	3	128	4.60
205123	1	519	<3	28	.3	41	33	487	7.94	11	9	<2	<2	56	<.5	<3	<3	298	2.41	.110	3	105	1.44	100	.27	9	2.30	.06	.20	<2	217	4.52
205124	1	225	<3	37	.3	24	28	599	7.23	5	<8	<2	<2	89	<.5	<3	<3	302	2.86	.121	3	62	1.38	121	.25	5	2.10	.09	.25	<2	63	4.26
205125	1	328	<3	25	.3	26	25	370	7.02	5	<8	<2	<2	159	<.5	<3	<3	315	2.13	.121	3	74	1.04	205	.27	22	2.12	.10	.32	4	320	4.42
205126	1	627	3	31	<.3	37	36	450	7.90	2	<8	<2	<2	123	<.5	<3	<3	330	2.60	.119	3	99	1.35	214	.30	13	2.58	.09	.39	8	793	4.60
205127	1	357	<3	24	<.3	29	37	347	7.21	6	<8	<2	<2	72	<.5	<3	<3	288	2.14	.107	3	107	.86	127	.23	15	2.07	.09	.28	6	117	4.61
205128	1	148	<3	20	<.3	24	25	335	9.77	3	<8	<2	<2	87	<.5	<3	<3	335	1.92	.102	3	90	1.25	202	.29	<3	2.15	.11	.42	2	22	4.81
STANDARD DS5/AU-R	13	144	24	132	<.3	25	12	763	3.03	19	12	<2	3	49	5.4	4	7	60	.72	.093	11	188	.69	138	.10	16	2.05	.04	.14	5	501	-

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ✓ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	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	Au** ppb	Sample kg
205129	1	193	<3	31	<.3	31	31	419	11.40	6	17	<2	<2	70	<.5	<3	<3	372	1.90	.125	4	66	1.43	280	.33	6	2.14	.08	.52	4	38	4.33
205130	2	465	8	31	<.3	38	53	430	8.89	5	<8	<2	<2	65	<.5	<3	4	341	1.71	.111	3	41	1.28	224	.31	8	2.00	.07	.44	15	111	4.15
205131	2	91	4	32	<.3	18	26	502	8.30	4	8	<2	<2	65	<.5	<3	3	368	1.64	.127	4	36	1.29	205	.32	10	1.69	.06	.33	4	81	4.02
205132	2	218	5	28	<.3	22	20	535	9.28	7	15	<2	<2	65	<.5	<3	<3	294	1.89	.137	4	31	1.67	88	.31	4	2.04	.04	.23	2	85	4.73
205133	1	517	<3	30	<.3	21	31	500	8.51	5	<8	<2	<2	54	<.5	<3	8	343	1.96	.107	3	39	1.26	70	.26	3	1.48	.05	.15	4	48	4.13
205134	<1	95	<3	21	<.3	39	22	461	5.63	5	<8	<2	<2	65	<.5	4	<3	251	2.39	.099	2	175	1.53	30	.18	<3	1.59	.07	.10	2	31	4.63
205135	1	253	4	69	<.3	33	29	929	7.26	11	10	<2	<2	118	<.5	3	<3	280	4.03	.096	4	221	2.23	23	.22	<3	2.03	.04	.07	4	14	4.17
205136	2	298	<3	38	<.3	37	32	526	7.52	6	11	<2	<2	44	<.5	3	<3	302	2.11	.106	3	123	1.40	28	.23	5	1.62	.05	.10	4	60	4.79
205137	5	568	8	30	<.3	39	49	506	7.98	6	<8	<2	<2	47	<.5	<3	<3	264	1.90	.092	3	121	1.48	33	.24	5	1.69	.05	.11	22	233	4.55
205138	2	158	4	18	<.3	30	19	432	6.73	10	8	<2	<2	60	<.5	<3	4	233	2.35	.106	3	154	1.22	29	.19	6	1.72	.05	.12	3	79	4.29
RE 205138	2	160	<3	19	<.3	31	19	440	6.80	9	8	<2	<2	61	<.5	<3	<3	234	2.39	.108	3	155	1.23	30	.19	5	1.76	.05	.12	2	77	-
RRE 205138	1	151	<3	19	<.3	32	19	438	6.73	7	<8	<2	<2	61	<.5	<3	<3	230	2.43	.105	3	149	1.24	31	.19	6	1.77	.05	.12	2	68	-
205139	1	216	6	40	<.3	37	33	693	8.06	3	9	<2	<2	55	<.5	<3	<3	309	2.71	.105	3	160	1.83	31	.26	4	2.03	.03	.08	3	50	4.63
205140	14	248	<3	35	<.3	38	29	654	7.45	9	<8	<2	<2	72	<.5	3	<3	272	2.49	.104	3	172	1.90	30	.23	20	1.90	.06	.10	3	51	4.57
STANDARD DS5/AU-R	14	145	24	137	<.3	25	12	789	3.07	18	8	<2	3	48	5.8	4	7	61	.74	.096	11	195	.69	139	.11	17	2.11	.04	.15	6	495	-

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data L FA ___

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Lysander Gold Corporation PROJECT CAT File # A405999 Page 1

1980 - 1055 W. Hastings S, Vancouver BC V6E 2E9 Submitted by: P. Fox

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	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	Au** ppb	Sample kg
SI	1	3	<3	12	<.3	2	<1	11	.10	<2	<8	<2	<2	4	<.5	<3	<3	1	.18	.001	<1	2	.01	6	<.01	<3	.02	.61	<.01	2	<2	-
205141	3	358	7	69	<.3	19	38	489	8.77	14	<8	<2	2	72	<.5	<3	<3	326	2.44	.141	4	26	1.06	24	.17	<3	1.26	.06	.10	17	10	4.8
205142	3	278	3	35	.3	24	30	652	8.19	12	<8	<2	2	85	<.5	<3	<3	307	3.31	.137	4	79	1.52	17	.20	<3	1.83	.04	.08	<2	73	3.7
205143	28	290	12	55	<.3	31	28	624	7.71	13	10	<2	<2	81	.5	<3	<3	252	2.64	.121	3	160	1.51	33	.18	<3	2.10	.05	.10	<2	89	4.5
205144	1	1675	25	137	.3	54	76	783	10.12	28	9	<2	<2	119	1.5	<3	4	277	4.25	.129	3	95	1.68	13	.19	<3	2.55	.03	.06	4	55	4.2
205145	1	396	29	130	.4	35	34	884	8.31	15	<8	<2	2	106	.8	<3	<3	259	3.63	.133	3	145	2.06	15	.18	<3	2.43	.03	.06	<2	48	5.2
205146	2	328	7	57	<.3	30	26	674	7.76	13	8	<2	<2	126	.6	<3	<3	280	3.21	.127	3	94	1.54	28	.18	<3	1.83	.05	.09	<2	78	4.4
205147	14	117	7	60	.3	31	26	679	6.33	11	<8	<2	2	130	.6	3	<3	239	2.82	.091	3	115	1.66	25	.18	<3	1.96	.06	.09	<2	23	3.6
205148	3	206	3	22	<.3	32	25	446	5.92	14	8	<2	3	45	<.5	<3	<3	221	2.09	.106	3	99	1.32	24	.19	<3	1.75	.06	.13	2	46	3.9
205149	5	171	<3	25	<.3	37	22	517	6.62	11	<8	<2	<2	156	.6	<3	<3	253	2.03	.109	2	107	1.72	38	.23	<3	1.88	.06	.16	2	40	4.4
205150	5	59	4	68	.4	196	32	934	5.50	7	<8	<2	<2	75	.5	<3	<3	175	3.36	.109	2	449	4.15	23	.21	<3	3.03	.03	.10	<2	<2	4.6
205151	6	117	5	56	.4	160	33	936	6.71	9	<8	<2	2	37	<.5	<3	<3	217	2.68	.116	3	353	3.72	39	.25	<3	2.72	.03	.16	<2	10	4.2
205152	2	469	6	33	<.3	65	74	645	9.61	22	<8	<2	<2	29	<.5	<3	<3	314	2.01	.123	2	145	2.63	107	.35	<3	2.62	.05	.33	2	25	4.0
205153	7	1306	6	34	<.3	54	85	565	11.44	14	10	<2	2	38	.5	<3	<3	331	3.80	.124	3	135	2.22	113	.33	<3	2.84	.03	.26	2	108	4.6
205154	2	624	<3	37	<.3	52	79	607	12.67	12	9	<2	<2	47	.6	<3	<3	351	2.22	.125	2	137	2.51	176	.37	<3	2.56	.03	.33	<2	44	4.7
205155	<1	741	3	30	<.3	66	89	529	12.52	19	10	<2	2	29	.5	<3	<3	332	1.67	.117	3	136	1.99	133	.32	<3	2.25	.04	.30	3	53	4.3
205156	2	188	<3	21	<.3	40	30	369	8.74	9	15	<2	<2	52	<.5	<3	<3	299	1.68	.127	2	114	1.82	113	.33	<3	2.11	.07	.35	<2	23	4.5
205157	<1	205	4	20	.3	39	17	327	8.06	10	8	<2	<2	50	<.5	<3	<3	284	1.39	.111	2	110	1.59	86	.30	6	1.75	.08	.40	<2	130	4.3
205158	7	142	<3	22	<.3	36	18	384	8.97	11	9	<2	3	46	<.5	<3	<3	303	1.50	.102	3	121	1.70	58	.33	3	1.83	.07	.31	<2	58	4.9
RE 205158	7	145	9	21	<.3	36	18	388	9.08	12	12	<2	2	46	<.5	<3	<3	306	1.51	.102	3	123	1.72	57	.32	4	1.82	.07	.31	2	36	-
RRE 205158	10	167	<3	23	<.3	39	19	410	9.75	12	11	<2	3	52	.5	<3	<3	325	1.67	.105	3	134	1.81	63	.33	8	1.96	.08	.33	<2	33	-
205159	4	381	<3	23	<.3	39	24	367	10.02	12	8	<2	2	82	<.5	<3	<3	311	1.36	.106	5	136	1.79	146	.33	3	1.97	.09	.49	<2	553	5.1
205160	122	456	5	26	.6	40	26	398	9.91	15	13	<2	3	46	.5	3	<3	321	2.72	.101	3	133	1.71	103	.30	88	1.97	.06	.36	<2	697	5.3
205161	3	601	<3	34	<.3	78	82	498	10.42	23	<8	<2	2	66	<.5	<3	<3	296	1.46	.117	3	204	2.29	133	.32	9	2.22	.05	.39	2	93	4.9
205162	3	222	5	28	<.3	76	23	467	8.23	8	<8	<2	<2	43	<.5	<3	<3	289	1.54	.098	3	243	2.21	99	.31	<3	2.09	.05	.39	<2	14	4.7
205163	<1	175	<3	29	<.3	70	24	454	9.71	9	<8	<2	<2	109	<.5	<3	<3	270	1.05	.106	3	243	2.46	208	.33	16	2.21	.07	.96	4	38	4.5
205164	3	45	7	9	<.3	8	8	137	2.73	5	<8	<2	2	56	<.5	<3	<3	82	1.06	.068	3	16	.32	92	.10	13	.91	.07	.20	<2	5	3.9
205165	11	48	<3	25	<.3	65	16	429	7.74	6	<8	<2	<2	65	<.5	<3	<3	254	1.10	.107	2	240	2.31	153	.32	6	2.07	.07	.75	<2	4	4.7
205166	1	38	<3	28	<.3	74	16	451	9.03	7	<8	<2	<2	44	<.5	<3	<3	302	1.37	.113	3	287	2.43	152	.34	42	2.32	.08	.75	<2	11	4.5
205167	1	63	<3	24	<.3	68	15	410	9.22	9	<8	<2	<2	34	<.5	<3	<3	270	1.45	.108	3	265	2.10	107	.31	7	2.17	.07	.54	<2	43	4.8
205168	<1	121	5	25	.3	61	28	476	9.25	9	8	<2	2	27	<.5	<3	<3	278	1.25	.105	3	220	2.29	83	.33	3	2.13	.06	.49	<2	27	4.7
205169	<1	196	3	24	<.3	55	39	446	8.63	14	<8	<2	<2	34	<.5	<3	<3	261	1.35	.111	3	204	2.04	79	.30	<3	1.97	.06	.38	<2	46	5.4
205170	<1	60	3	32	.6	62	22	550	8.95	9	12	<2	2	29	<.5	<3	<3	277	1.33	.111	3	260	2.51	85	.33	36	2.29	.06	.45	2	15	5.5
205171	1	59	6	37	.4	54	16	528	7.88	9	10	<2	<2	30	<.5	<3	<3	266	2.58	.115	3	182	2.04	75	.30	6	2.37	.04	.48	3	45	3.7
205172	<1	24	<3	25	.4	61	22	483	7.05	10	<8	<2	<2	31	<.5	<3	<3	262	1.33	.114	3	203	2.12	57	.31	<3	2.07	.05	.33	2	15	4.1
STANDARD DS5/AU-R2	13	147	26	139	.3	25	12	771	3.09	18	<8	<2	3	47	5.6	6	7	62	.76	.096	12	189	.70	137	.10	17	2.13	.04	.15	4	617	-

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE R150 60C AU** GROUP 3B - 30.00 GM SAMPLE ANALYSIS BY FA/ICP.
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data 1 FA ____ DATE RECEIVED: SEP 28 2004 DATE REPORT MAILED: Oct. 18/04

BRITISH COLUMBIA CERTIFIED ASSAYER
Clarence Leong

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	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	Au** ppb	Sample kg
205173	1	26	25	75	<.3	55	21	442	5.90	4	<8	<2	<2	34	<.5	<3	<3	216	2.11	.111	3	155	1.65	39	.25	7	2.22	.03	.17	2	15	4.6
205174	1	28	32	30	<.3	60	19	357	6.10	3	8	<2	<2	59	<.5	<3	<3	238	1.08	.108	3	174	1.70	124	.30	7	1.81	.08	.75	3	27	5.3
205175	1	266	8	27	<.3	68	18	363	6.42	2	8	<2	<2	41	<.5	<3	<3	217	.97	.109	3	201	1.96	218	.31	7	1.93	.05	1.08	<2	457	4.7
205176	2	98	6	31	.4	75	19	444	6.07	3	<8	<2	<2	65	<.5	3	<3	223	1.15	.111	3	212	2.12	176	.31	12	2.18	.06	.93	3	94	4.5
205177	2	259	3	21	<.3	42	16	292	5.79	4	<8	<2	<2	40	<.5	<3	<3	235	1.22	.116	3	142	1.34	153	.26	11	1.64	.06	.72	<2	335	4.5
205178	1	208	5	23	.4	56	50	349	8.05	8	<8	<2	2	56	<.5	<3	<3	248	1.34	.114	3	151	1.45	128	.27	32	1.82	.07	.46	3	158	4.1
205179	1	121	7	25	<.3	53	23	432	7.62	6	<8	<2	<2	24	<.5	<3	<3	209	1.25	.111	3	151	1.85	67	.28	45	1.93	.04	.32	2	42	4.7
205180	1	641	13	99	.4	89	144	927	10.51	24	<8	<2	<2	22	.7	<3	<3	227	1.36	.130	3	128	2.10	60	.28	7	2.09	.03	.21	2	157	4.6
205181	1	28	6	30	<.3	45	20	534	7.77	4	10	<2	<2	66	<.5	3	<3	252	1.61	.116	3	127	1.95	83	.30	10	2.29	.05	.31	2	22	4.4
205182	1	588	20	68	<.3	96	119	585	10.30	8	8	<2	<2	40	.6	<3	<3	225	1.18	.111	3	151	1.74	96	.27	25	1.87	.05	.27	2	127	4.1
205183	1	227	3	59	<.3	50	73	423	9.06	9	<8	<2	<2	29	<.5	<3	<3	221	1.23	.103	3	122	1.39	68	.24	63	1.56	.04	.21	<2	47	5.0
205184	2	113	6	37	<.3	95	63	588	9.09	4	<8	<2	<2	33	<.5	<3	<3	258	1.20	.123	3	303	2.43	127	.32	12	2.39	.04	.42	3	26	4.3
RE 205184	<1	111	<3	36	<.3	95	62	590	9.02	3	<8	<2	<2	33	<.5	<3	<3	258	1.20	.124	3	299	2.45	128	.32	13	2.39	.04	.43	2	31	-
RRE 205184	1	117	9	37	<.3	96	60	577	8.76	3	<8	<2	2	31	<.5	<3	<3	250	1.16	.128	3	283	2.43	122	.32	16	2.36	.03	.41	2	31	-
205185	2	40	5	29	<.3	112	12	505	7.70	2	<8	<2	<2	26	<.5	<3	<3	241	1.90	.121	3	304	2.18	81	.28	9	2.49	.03	.30	2	12	4.8
205186	1	21	5	33	<.3	88	19	591	7.25	7	<8	<2	2	34	<.5	<3	<3	227	1.11	.119	3	259	2.14	62	.27	10	2.04	.04	.27	<2	11	4.0
205187	4	5391	68	73	5.2	274	1406	735	30.92	690	<8	<2	<2	19	.5	<3	<3	120	.42	.068	3	68	1.78	53	.18	<3	1.98	.01	.16	<2	480	6.7
205188	2	139	42	133	<.3	40	70	821	10.97	12	11	<2	2	59	.7	<3	<3	295	1.82	.129	4	110	1.84	167	.31	12	2.10	.05	.34	<2	35	4.9
205189	1	139	8	40	<.3	42	41	569	10.49	10	<8	<2	<2	56	<.5	<3	<3	265	1.77	.102	3	115	1.74	96	.29	61	2.08	.05	.33	3	19	4.5
205190	2	235	4	32	.3	45	59	587	9.19	8	<8	<2	<2	43	<.5	3	<3	267	1.37	.128	4	172	2.10	175	.33	17	2.33	.04	.44	<2	26	4.7
205191	1	167	3	19	<.3	54	23	375	8.08	9	<8	<2	<2	47	<.5	<3	<3	245	1.55	.118	3	169	1.75	184	.31	10	2.13	.05	.52	2	37	5.0
205192	1	86	<3	23	.3	48	16	367	7.31	4	<8	<2	<2	81	<.5	<3	<3	249	1.64	.120	3	180	1.44	124	.25	14	1.92	.08	.37	2	18	5.1
205193	1	263	8	25	<.3	41	32	397	7.77	9	<8	<2	<2	69	<.5	<3	<3	254	2.05	.122	3	183	1.44	67	.23	14	2.09	.06	.22	<2	34	5.2
205194	<1	66	6	21	<.3	40	16	424	6.53	5	<8	<2	<2	52	<.5	<3	<3	247	1.61	.121	3	157	1.50	47	.23	9	1.84	.05	.21	3	22	4.5
205195	3	345	<3	24	<.3	66	45	385	7.45	9	<8	<2	<2	58	<.5	<3	<3	249	1.68	.113	3	166	1.46	89	.25	7	1.94	.07	.34	2	48	4.9
205196	2	109	4	40	<.3	22	22	508	6.87	10	<8	<2	<2	74	<.5	<3	<3	268	1.98	.118	3	83	1.11	51	.15	9	1.47	.07	.16	2	17	4.7
205197	1	115	4	18	<.3	27	17	380	6.84	8	<8	<2	<2	72	<.5	<3	<3	276	1.87	.130	3	88	1.20	77	.21	13	1.85	.07	.25	2	30	4.8
205198	<1	229	3	24	<.3	38	16	433	6.57	10	<8	<2	<2	102	<.5	<3	<3	248	1.78	.147	3	160	1.64	191	.26	15	2.14	.09	.49	<2	70	4.5
205199	5	142	4	33	<.3	23	18	483	5.93	10	<8	<2	2	86	<.5	<3	<3	235	1.81	.167	5	81	1.10	44	.17	13	1.61	.08	.17	2	43	4.7
205200	<1	116	3	35	<.3	38	16	430	5.40	9	<8	<2	<2	57	<.5	<3	<3	185	1.35	.097	3	131	1.35	49	.22	10	1.56	.06	.19	<2	23	4.5
STANDARD DS5/AU-R	12	145	26	132	.4	24	12	764	3.02	18	<8	<2	3	47	5.3	4	6	60	.72	.092	11	190	.67	136	.10	17	1.99	.04	.14	6	597	-

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

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

Lysander Gold Corporation PROJECT CAT File # A406814 Page 1

1980 - 1055 W. Hastings S, Vancouver BC V6E 2E9 Submitted by: P. Fox

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	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	Au** ppb	Sample kg
SI	<1	<1	<3	3	<.3	1	<1	<2	.03	<2	<8	<2	<2	2	<.5	<3	<3	1	.09	<.001	<1	1	<.01	3	<.01	4	.01	.33	<.01	<2	<2	-
205201	<1	162	5	135	.3	48	26	964	5.52	9	<8	<2	<2	69	.6	3	3	194	4.48	.101	2	173	1.94	32	.20	11	2.15	.04	.13	<2	11	4.25
205202	1	123	<3	27	<.3	35	18	416	5.61	3	<8	<2	<2	55	<.5	<3	<3	228	2.52	.115	2	154	1.42	59	.21	10	2.00	.06	.19	<2	31	4.50
205203	<1	104	<3	23	<.3	32	15	356	5.69	<2	<8	<2	<2	76	<.5	<3	<3	229	1.91	.125	2	156	1.21	84	.19	11	1.88	.08	.28	<2	26	4.52
205204	1	112	4	38	<.3	36	19	497	5.88	3	<8	<2	<2	53	<.5	3	4	229	1.81	.113	2	131	1.52	57	.22	9	1.80	.07	.33	<2	32	4.38
205205	1	48	3	27	<.3	61	18	449	5.30	<2	<8	<2	<2	41	<.5	3	<3	201	1.34	.106	3	196	1.72	79	.24	26	1.85	.08	.47	<2	9	4.42
205206	1	367	9	65	<.3	40	34	410	5.96	3	<8	<2	<2	59	<.5	<3	<3	218	1.92	.130	3	140	1.26	102	.20	50	1.98	.08	.31	10	97	4.31
205207	1	1186	6	40	.3	49	58	382	5.63	5	<8	<2	<2	63	<.5	<3	<3	170	1.58	.113	4	133	1.03	120	.18	16	1.65	.09	.25	<2	115	3.99
205208	1	730	4	46	<.3	57	51	576	5.90	3	<8	<2	<2	53	<.5	<3	<3	187	2.16	.115	3	180	1.39	44	.16	9	1.96	.05	.11	<2	120	5.18
205209	1	507	10	47	<.3	63	46	516	6.39	6	<8	<2	<2	83	<.5	<3	<3	203	2.08	.114	3	181	1.45	67	.15	12	1.98	.08	.18	<2	39	3.60
205210	56	447	4	52	.3	63	58	420	5.83	9	<8	<2	<2	64	<.5	<3	<3	186	2.01	.104	2	194	1.17	51	.12	25	1.67	.08	.16	>100	17	4.14
205211	1	219	7	71	.3	44	35	922	5.45	10	<8	<2	<2	60	<.5	<3	<3	179	2.55	.094	2	209	1.63	37	.14	10	1.84	.08	.12	<2	11	4.99
205212	1	699	9	37	.4	47	50	522	6.45	9	<8	<2	<2	60	<.5	<3	<3	225	2.18	.101	2	148	1.30	40	.15	13	1.76	.08	.14	4	22	4.49
205213	2	219	9	65	.3	40	30	679	5.56	12	<8	<2	<2	84	<.5	<3	<3	194	2.86	.155	3	132	1.60	35	.14	14	2.14	.08	.14	<2	37	4.80
205214	2	192	4	34	.3	46	27	434	5.47	3	<8	<2	<2	58	<.5	3	<3	203	2.00	.104	2	150	1.24	39	.13	15	1.72	.08	.14	<2	16	4.45
205215	1	381	9	78	.5	58	44	672	6.38	8	<8	<2	<2	55	.6	<3	<3	219	2.20	.105	2	156	1.63	36	.15	12	1.73	.09	.14	<2	13	4.46
205216	5	51	8	121	<.3	60	30	1782	8.94	2	<8	<2	<2	63	<.5	<3	<3	250	3.52	.103	2	186	2.94	21	.21	10	3.04	.02	.12	<2	7	3.87
205217	12	43	9	184	<.3	91	38	3121	10.41	6	<8	<2	<2	86	.6	<3	<3	262	4.84	.112	3	334	3.75	25	.19	12	3.34	.02	.13	<2	<2	3.60
205218	4	41	9	161	<.3	90	65	2695	11.57	7	<8	<2	8	91	.6	<3	<3	244	3.47	.097	2	331	3.82	16	.19	12	3.43	.03	.07	<2	8	4.18
RE 205218	5	41	7	161	.3	91	66	2724	11.75	14	<8	<2	8	93	.7	3	<3	247	3.49	.098	2	338	3.86	16	.20	13	3.46	.03	.07	<2	6	-
RRE 205218	3	43	<3	163	<.3	91	66	2729	11.75	9	<8	<2	9	91	.6	<3	<3	247	3.51	.097	2	336	3.89	16	.20	16	3.48	.03	.07	<2	7	-
205219	30	164	6	145	<.3	72	54	2306	14.16	131	<8	<2	<2	78	.6	<3	<3	257	2.94	.115	3	252	3.51	12	.18	13	3.40	.02	.05	<2	29	3.45
205220	2	82	5	70	<.3	62	27	1024	7.48	19	<8	<2	<2	80	.5	<3	<3	217	2.16	.126	3	197	2.42	36	.17	14	2.41	.06	.14	<2	5	4.50
205221	1	76	3	158	.4	63	32	2070	8.57	9	<8	<2	<2	80	.6	3	<3	255	4.36	.111	2	289	3.56	23	.20	13	3.20	.03	.11	<2	28	3.75
205222	3	324	3	174	.3	86	65	2358	10.65	21	<8	<2	<2	90	.7	<3	<3	274	6.47	.109	3	244	3.65	20	.18	11	3.11	.02	.06	<2	10	3.20
205223	1	123	<3	29	<.3	50	29	530	6.25	<2	<8	<2	<2	46	<.5	<3	<3	239	1.87	.123	3	170	1.70	75	.21	14	2.01	.08	.23	<2	19	5.25
205224	2	319	4	19	<.3	42	46	362	5.62	2	<8	<2	2	59	<.5	<3	<3	208	1.54	.121	3	118	1.06	47	.15	11	1.44	.09	.18	2	23	4.60
205225	1	155	<3	32	.4	39	37	475	6.61	3	<8	<2	<2	79	.6	<3	<3	264	1.75	.141	3	108	1.35	68	.19	13	1.71	.08	.20	<2	11	4.89
205226	<1	273	3	34	.5	83	50	501	9.35	4	<8	<2	<2	67	.7	<3	<3	193	1.41	.098	2	301	2.05	156	.23	15	2.11	.07	.39	<2	28	5.70
205227	3	654	9	29	.6	102	123	502	11.28	28	<8	<2	<2	41	<.5	<3	<3	181	1.47	.097	2	249	1.14	97	.18	21	1.84	.05	.24	4	83	3.90
205228	2	91	4	43	.4	93	29	488	6.83	3	<8	<2	<2	48	.5	<3	<3	218	1.93	.125	2	403	2.30	160	.25	16	2.49	.05	.39	2	13	4.48
205229	9	560	10	32	1.1	84	262	373	10.31	43	<8	<2	<2	47	.6	<3	<3	187	1.43	.096	2	369	1.12	78	.13	22	1.85	.05	.28	<2	78	4.55
205230	10	396	7	23	.7	48	194	353	9.05	23	<8	<2	<2	71	.5	<3	<3	186	1.67	.094	1	257	.53	50	.11	17	1.55	.05	.20	2	69	5.10
205231	1	588	23	103	.5	75	247	601	13.27	31	<8	<2	<2	58	1.0	<3	<3	280	1.26	.121	1	157	1.93	136	.26	18	2.05	.03	.29	<2	75	4.87
STANDARD DS5/AU-R2	14	142	23	129	<.3	24	11	736	2.91	17	<8	<2	3	46	5.3	5	7	58	.71	.090	11	189	.64	134	.09	17	1.94	.03	.13	5	595	-

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
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ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE R150 60C AU** GROUP 3B - 30.00 GM SAMPLE ANALYSIS BY FA/ICP.
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data t FA ____ DATE RECEIVED: OCT 27 2004 DATE REPORT MAILED: Nov 25/04

BRITISH COLUMBIA CERTIFIED ASSAYER
Clarence Leong

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

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	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	Au** ppb	Sample kg
205232	<1	404	6	25	<.3	60	150	364	9.44	15	<8	<2	<2	47	.7	<3	<3	186	1.68	.143	2	86	1.33	100	.20	5	2.01	.05	.25	<2	91	4.40
205233	<1	161	3	10	<.3	24	57	176	6.03	15	<8	<2	<2	86	<.5	<3	<3	216	2.16	.100	2	106	.36	87	.11	13	1.72	.04	.24	<2	54	4.88
205234	3	1024	25	137	.8	103	453	365	13.01	130	14	<2	<2	78	1.3	6	<3	189	1.31	.091	1	116	1.29	123	.20	11	1.60	.04	.24	2	341	4.47
205235	1	3261	25	47	<.3	253	1419	483	27.42	275	<8	<2	<2	56	<.5	<3	<3	136	.51	.083	2	104	1.33	88	.17	<3	1.64	.02	.25	<2	372	4.92
205236	4	849	39	137	.5	156	547	786	12.97	54	9	<2	<2	67	1.2	3	<3	146	1.25	.078	1	306	2.58	114	.24	39	2.14	.03	.38	<2	102	4.59
205237	1	46	4	33	.5	124	18	453	5.25	9	<8	<2	<2	89	<.5	4	<3	169	1.67	.106	2	390	3.09	145	.29	11	2.85	.05	.53	<2	8	4.79
205238	2	795	5	36	.4	119	70	470	7.49	20	<8	<2	<2	27	<.5	4	<3	187	2.02	.100	1	323	2.94	102	.28	36	2.85	.02	.37	<2	70	5.30
205239	3	67	20	53	<.3	98	47	635	6.52	7	<8	<2	<2	23	<.5	<3	<3	200	1.43	.099	1	344	3.89	82	.32	13	3.04	.02	.48	<2	8	4.12
205240	<1	107	6	56	<.3	133	65	656	6.64	8	8	<2	<2	27	<.5	<3	<3	174	1.03	.082	1	459	3.68	55	.27	52	2.60	.02	.33	<2	32	4.10
205241	<1	28	6	30	<.3	58	11	407	7.56	10	<8	<2	<2	50	<.5	<3	<3	231	1.53	.109	2	184	2.70	50	.30	10	2.41	.03	.31	<2	10	4.50
205242	2	13	<3	46	<.3	56	12	457	6.61	5	<8	<2	<2	72	<.5	<3	<3	199	1.46	.103	2	187	2.71	30	.22	7	2.27	.03	.18	<2	5	4.72
205243	1	17	<3	24	<.3	45	13	376	6.11	6	<8	<2	<2	38	.5	<3	<3	207	1.58	.105	2	160	2.18	43	.26	7	2.23	.04	.26	<2	5	4.41
205244	3	374	6	35	.3	108	133	437	7.77	31	<8	<2	<2	21	<.5	<3	<3	172	1.44	.092	1	212	2.74	63	.26	8	2.37	.02	.28	<2	44	4.32
205245	1	11	4	25	<.3	110	14	414	4.87	5	<8	<2	<2	32	<.5	<3	<3	149	1.63	.096	1	372	2.49	44	.23	4	2.37	.03	.30	<2	2	4.29
205246	1	1694	8	32	.7	120	40	507	5.05	11	<8	<2	<2	69	<.5	<3	<3	130	1.69	.089	1	411	2.63	44	.23	5	2.58	.03	.28	3	6	4.10
205247	1	122	3	31	<.3	141	39	503	5.63	15	<8	<2	<2	39	<.5	<3	<3	151	1.49	.088	1	395	3.31	55	.26	72	2.81	.03	.40	<2	<2	4.38
205248	1	39	<3	23	<.3	102	16	314	3.59	6	<8	<2	3	40	<.5	<3	<3	110	1.88	.071	2	300	2.16	34	.21	725	2.10	.04	.28	<2	4	3.96
205249	1	68	7	27	<.3	145	29	437	5.33	8	<8	<2	<2	28	<.5	<3	<3	143	1.85	.088	1	433	3.10	46	.26	14	2.92	.03	.41	<2	7	4.50
205250	1	41	5	30	<.3	139	15	392	3.94	6	<8	<2	<2	28	<.5	<3	<3	119	1.79	.087	1	399	2.84	24	.22	6	2.71	.02	.21	<2	5	4.62
205251	1	57	<3	27	<.3	143	17	379	4.21	7	<8	<2	<2	42	<.5	<3	<3	143	1.63	.082	1	396	3.31	32	.26	7	2.87	.03	.36	<2	<2	4.62
205252	<1	51	6	33	<.3	151	16	468	4.22	6	<8	<2	<2	40	<.5	<3	<3	138	1.63	.094	2	415	3.05	25	.25	8	2.70	.03	.18	<2	<2	4.50
RE 205252	1	50	7	32	<.3	149	16	467	4.20	6	<8	<2	<2	39	<.5	<3	<3	136	1.62	.097	1	416	3.03	24	.25	7	2.69	.03	.18	<2	6	-
RRE 205252	1	50	<3	32	<.3	147	16	465	4.17	6	<8	<2	<2	39	<.5	<3	<3	137	1.61	.094	1	410	3.00	25	.25	8	2.68	.04	.18	2	2	-
205253	2	106	6	41	<.3	196	24	549	4.34	7	<8	<2	<2	25	<.5	<3	<3	131	1.60	.078	1	498	3.90	18	.23	6	2.96	.02	.20	<2	<2	4.35
205254	<1	71	6	53	<.3	136	24	589	3.16	7	<8	<2	<2	51	<.5	3	<3	106	1.55	.086	1	302	2.87	20	.20	5	2.49	.04	.18	2	3	4.79
205255	<1	75	9	41	<.3	177	25	401	2.55	7	<8	<2	<2	29	<.5	<3	<3	87	1.65	.058	1	340	2.90	15	.18	4	2.32	.02	.15	<2	<2	4.53
205256	5	50	6	35	<.3	139	21	431	2.51	4	<8	<2	<2	75	<.5	<3	4	91	1.46	.067	1	295	2.61	20	.17	<3	2.16	.05	.16	<2	8	4.40
205257	1	35	7	80	<.3	151	27	1417	3.90	<2	<8	<2	<2	88	<.5	<3	<3	144	2.66	.076	1	348	3.73	20	.21	9	2.79	.04	.09	<2	<2	4.90
205258	<1	33	<3	78	<.3	150	27	1401	3.83	4	<8	<2	<2	86	<.5	<3	<3	144	2.65	.075	1	337	3.73	18	.21	7	2.76	.04	.09	<2	4	4.20
205259	1	222	4	108	<.3	52	32	1713	5.66	5	<8	<2	<2	86	<.5	<3	<3	208	3.61	.117	2	102	1.63	19	.13	12	2.16	.04	.16	<2	10	4.54
205260	<1	399	5	24	.3	46	38	325	4.92	5	<8	<2	<2	83	<.5	<3	<3	203	2.26	.119	2	63	.57	21	.13	14	1.81	.06	.13	<2	4	4.36
205261	1	159	<3	21	.3	33	18	328	4.80	8	<8	<2	<2	91	<.5	<3	<3	210	2.17	.122	1	62	.63	37	.14	18	1.86	.10	.15	<2	14	5.00
205262	1	171	7	42	<.3	27	19	282	4.07	8	<8	<2	<2	312	<.5	<3	<3	183	2.96	.114	2	50	.54	22	.12	15	2.57	.18	.13	<2	4	4.20
STANDARD DS5/AU-R2	12	142	25	129	.3	24	11	738	2.94	18	11	<2	3	46	5.3	6	4	58	.71	.092	11	190	.68	134	.10	13	1.98	.03	.14	4	607	-

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	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	Au** ppb	Sample kg
205263	1	158	5	32	<.3	29	14	312	4.26	4	<8	<2	<2	110	.5	<3	5	205	2.59	.118	1	55	.49	27	.12	22	2.03	.06	.12	<2	13	4.12
205264	3	252	5	56	<.3	25	14	673	4.39	9	<8	<2	<2	56	.5	<3	3	177	1.67	.106	3	47	.39	37	.09	16	1.29	.07	.12	<2	86	4.48
205265	1	324	3	19	<.3	44	19	305	4.16	6	<8	<2	<2	80	<.5	<3	<3	192	2.63	.123	1	62	.54	16	.13	14	1.94	.06	.09	<2	50	4.67
205266	2	502	<3	21	<.3	54	27	313	5.54	7	<8	<2	<2	103	<.5	<3	3	228	2.36	.123	1	64	.63	24	.17	19	1.98	.08	.10	<2	85	4.04
205267	<1	253	3	20	<.3	37	16	280	4.81	2	<8	<2	<2	94	<.5	<3	3	228	1.81	.132	2	68	.60	57	.18	16	1.68	.11	.14	<2	13	4.50
205268	<1	355	<3	17	<.3	40	22	217	4.39	2	<8	<2	<2	167	<.5	<3	3	207	1.98	.125	1	54	.38	39	.15	16	1.80	.12	.11	2	15	4.13
205269	<1	135	5	18	<.3	30	16	260	4.89	3	<8	<2	<2	43	<.5	<3	3	223	1.17	.121	2	60	.69	33	.19	10	1.17	.09	.24	<2	7	4.91
205270	<1	1784	25	132	.3	34	26	431	5.15	11	<8	<2	<2	45	.8	<3	4	202	1.61	.134	2	54	1.00	26	.18	30	1.43	.07	.15	2	4	4.42
205271	<1	104	18	139	<.3	35	34	642	4.88	7	<8	<2	<2	63	.8	<3	<3	188	2.58	.127	2	87	1.44	27	.15	20	1.78	.08	.10	<2	2	4.55
205272 PULP	22	6331	11	67	1.2	755	23	890	9.07	12	<8	<2	<2	92	<.5	<3	3	54	1.87	.073	3	1115	.81	54	<.01	10	.84	.05	.45	4	565	-
205273 PULP	19	6289	11	66	1.2	640	21	875	8.98	12	<8	<2	<2	91	<.5	<3	6	51	1.85	.071	4	935	.80	55	<.01	11	.82	.05	.45	3	590	-
205274	1	1510	<3	34	<.3	26	53	435	8.48	16	<8	<2	<2	43	<.5	4	<3	249	.85	.104	4	48	1.50	69	.23	13	2.07	.05	.24	8	537	2.18
205275	11	2811	<3	39	<.3	23	88	415	17.73	107	<8	<2	<2	107	<.5	<3	3	256	.97	.092	5	59	1.26	54	.18	13	2.15	.03	.18	22	894	4.85
205276	21	4189	3	51	1.0	28	190	719	15.12	119	8	5	<2	96	.5	<3	<3	243	.64	.084	6	105	.86	30	.13	11	2.24	.02	.11	22	5449	3.79
RE 205276	22	4279	4	52	1.3	30	194	733	15.33	121	<8	6	<2	98	.6	3	<3	248	.65	.085	6	108	.88	31	.13	11	2.30	.02	.11	21	5806	-
RRE 205276	19	4602	<3	58	1.1	31	220	840	15.38	121	<8	6	<2	96	.7	3	5	248	.63	.088	6	113	.92	29	.13	12	2.32	.02	.10	22	6191	-
205277	1	1329	3	20	<.3	25	56	444	7.56	10	<8	<2	<2	34	<.5	<3	<3	222	1.41	.092	3	171	.80	39	.15	11	1.53	.04	.14	2	207	8.65
205278	2	620	5	26	.3	30	37	411	7.73	15	<8	<2	<2	42	.5	<3	<3	222	1.43	.104	3	147	.74	46	.13	15	1.48	.05	.15	3	273	7.65
205279	2	213	5	18	.3	28	14	338	8.34	15	<8	<2	<2	38	<.5	<3	3	201	1.24	.095	2	215	.78	58	.14	13	1.35	.07	.16	<2	170	6.48
205280	<1	1142	3	29	<.3	31	52	457	8.16	14	<8	<2	<2	159	.5	<3	<3	228	1.64	.093	2	154	.74	96	.16	19	1.65	.06	.23	2	270	7.14
205281	<1	455	4	23	<.3	23	10	298	7.75	14	<8	<2	<2	41	<.5	<3	<3	218	1.73	.108	2	131	.50	66	.14	21	1.50	.05	.21	3	658	7.46
205282	<1	391	<3	22	<.3	20	12	329	7.04	8	<8	<2	<2	30	<.5	<3	<3	214	1.48	.098	2	117	.80	56	.18	13	1.45	.04	.19	<2	252	8.83
205283	2	913	<3	27	.3	22	29	390	8.50	13	10	<2	<2	31	<.5	<3	<3	231	1.08	.100	3	96	1.65	72	.26	13	1.84	.05	.22	2	281	8.35
205284	6	1588	8	12	1.0	12	23	140	14.13	213	<8	<2	<2	80	<.5	<3	<3	201	.54	.070	7	133	.46	60	.12	11	1.32	.04	.15	>100	1434	7.10
205285	1	1309	<3	27	<.3	24	39	339	8.42	13	<8	<2	<2	74	<.5	<3	<3	242	.92	.094	3	66	1.49	74	.27	9	1.96	.05	.29	4	1158	6.60
205286	25	>10000	6	28	4.8	26	32	298	9.47	24	<8	<2	<2	53	<.5	<3	11	191	1.12	.091	5	175	.86	45	.12	17	1.81	.06	.14	11	96	5.45
205287	29	5603	44	155	2.7	22	28	273	7.62	21	9	<2	<2	81	<.5	<3	<3	153	.97	.114	4	100	.79	43	.11	10	1.55	.06	.11	13	127	8.12
205288	1	680	5	28	<.3	5	12	120	3.78	14	<8	<2	<2	49	<.5	<3	3	116	1.59	.163	5	5	.35	94	.08	11	1.47	.06	.16	4	28	7.72
205289	1	499	<3	12	<.3	6	13	115	3.62	16	<8	<2	<2	42	<.5	<3	<3	110	1.55	.159	4	6	.44	86	.08	15	1.46	.04	.14	3	34	6.90
205290	2	624	4	14	.3	10	26	166	4.28	29	<8	<2	<2	45	<.5	<3	3	109	1.30	.148	7	3	.60	82	.08	11	1.45	.04	.13	2	77	7.55
205291	2	400	<3	13	<.3	9	21	143	4.30	26	<8	<2	<2	39	<.5	<3	<3	110	1.19	.160	5	6	.57	109	.08	5	1.46	.05	.16	<2	58	7.95
205292	3	746	<3	13	<.3	6	23	147	4.20	23	<8	<2	<2	44	<.5	<3	<3	116	1.40	.156	5	3	.58	76	.08	12	1.46	.04	.13	2	26	4.80
205293	3	590	3	11	.3	5	14	131	3.97	13	<8	<2	<2	41	<.5	<3	<3	118	1.65	.156	4	5	.53	85	.08	18	1.54	.05	.15	<2	19	10.65
STANDARD DS5/AU-R2	11	124	30	142	.4	24	11	697	2.87	22	<8	<2	3	39	6.0	3	4	56	.83	.076	14	188	.59	164	.08	15	1.84	.08	.16	4	611	-

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data f FA ____

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	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	Au** ppb	Sample kg
205294	2	222	<3	13	<.3	6	10	132	4.78	8	<8	<2	<2	64	<.5	<3	<3	151	1.63	.162	5	14	.32	94	.09	20	1.47	.07	.16	2	51	4.02
205295	1	820	<3	21	<.3	19	19	214	8.80	19	<8	<2	<2	64	<.5	<3	7	246	1.62	.116	4	45	.69	70	.15	22	1.70	.08	.18	3	133	3.84
205296	1	88	<3	23	<.3	18	12	320	8.27	13	<8	<2	<2	78	<.5	<3	<3	257	2.00	.113	3	39	.64	89	.18	16	2.04	.13	.27	3	72	5.63
205297	<1	376	3	24	<.3	19	22	322	7.77	17	<8	<2	<2	65	<.5	<3	3	249	1.83	.112	3	51	.74	78	.18	17	2.05	.12	.26	2	57	4.62
205298	1	1697	<3	35	<.3	24	31	408	8.41	17	<8	<2	<2	59	<.5	<3	4	259	1.73	.114	4	49	.83	59	.19	19	1.87	.09	.17	2	736	4.40
205299	3	1630	<3	25	.5	19	21	291	7.83	14	<8	<2	<2	52	<.5	<3	5	230	1.31	.104	3	87	.79	47	.16	15	1.47	.08	.15	3	113	3.64
205300	3	1796	<3	21	.4	29	62	261	10.14	48	<8	<2	<2	37	<.5	<3	5	215	1.49	.112	3	52	.86	49	.14	12	1.99	.06	.13	2	122	4.30
205301	<1	201	<3	20	<.3	18	17	301	7.74	10	<8	<2	<2	35	<.5	<3	<3	226	1.62	.102	3	49	.88	55	.17	14	1.68	.06	.15	2	145	4.48
205302	1	641	<3	27	<.3	22	28	360	7.69	12	<8	<2	<2	59	<.5	<3	<3	245	1.63	.112	3	43	.80	73	.16	18	1.72	.08	.19	2	54	4.20
205303	<1	377	<3	26	<.3	20	36	334	7.79	10	<8	<2	<2	48	<.5	<3	5	251	1.68	.112	3	50	.66	68	.15	27	1.55	.06	.18	2	87	4.30
205304	15	4436	<3	35	<.3	24	56	313	13.64	106	<8	<2	<2	44	<.5	<3	7	281	.76	.096	9	47	.74	64	.18	14	1.85	.04	.15	3	181	3.78
205305	22	3903	12	29	.6	18	79	223	19.82	332	<8	<2	<2	112	<.5	<3	11	241	.15	.093	18	51	.70	85	.19	10	2.24	.02	.15	9	445	4.10
205306	3	1065	<3	21	<.3	16	53	267	7.99	32	<8	<2	<2	32	<.5	<3	3	223	1.31	.111	3	47	.87	52	.14	14	1.59	.06	.15	2	36	5.20
RE 205306	1	1014	<3	19	<.3	15	50	258	7.67	27	<8	<2	<2	31	<.5	<3	5	216	1.27	.108	3	46	.84	51	.14	13	1.53	.06	.15	<2	40	-
RRE 205306	<1	871	<3	19	<.3	14	46	249	7.48	24	<8	<2	<2	30	<.5	<3	4	216	1.26	.110	3	47	.84	53	.14	17	1.52	.07	.16	<2	41	-
205307	<1	103	<3	19	<.3	18	21	328	7.73	12	<8	<2	<2	39	<.5	<3	<3	244	1.97	.111	3	75	.98	64	.15	27	1.68	.05	.17	2	29	4.35
205308	1	195	<3	21	<.3	16	34	352	8.89	15	<8	<2	<2	50	<.5	<3	3	272	1.96	.114	4	63	.92	71	.18	15	1.51	.06	.19	2	45	4.64
205309	<1	69	<3	22	<.3	20	36	403	8.49	11	<8	<2	<2	63	<.5	<3	3	257	1.98	.110	4	62	1.10	68	.19	11	1.60	.06	.18	2	34	3.92
205310	1	162	<3	13	<.3	7	24	197	5.16	12	<8	<2	<2	56	<.5	<3	<3	162	2.01	.168	6	15	.69	55	.11	17	1.55	.05	.14	2	57	4.86
205311	12	206	<3	11	<.3	8	22	157	5.06	12	<8	<2	<2	54	<.5	<3	<3	156	1.86	.162	6	9	.53	77	.10	17	1.39	.05	.15	2	37	3.88
205312	<1	84	<3	19	<.3	13	13	304	7.18	6	<8	<2	<2	44	<.5	<3	<3	251	1.58	.123	4	27	.98	69	.20	14	1.64	.09	.19	<2	56	3.94
205313	1	51	<3	16	<.3	12	12	266	6.99	11	<8	<2	<2	43	<.5	<3	<3	239	1.78	.119	4	40	.91	59	.17	16	1.58	.08	.18	<2	41	4.70
205314	1	295	<3	18	<.3	15	30	387	7.78	11	<8	<2	<2	78	<.5	<3	<3	245	2.76	.110	3	77	1.21	40	.20	8	1.76	.05	.13	2	63	4.10
205315	3	124	<3	15	<.3	10	25	272	8.36	10	<8	<2	<2	49	<.5	<3	5	261	1.91	.111	4	58	1.15	66	.19	11	1.53	.05	.18	<2	44	4.11
205316	<1	374	<3	25	<.3	16	25	340	8.66	14	<8	<2	<2	57	<.5	<3	<3	259	1.89	.110	4	69	1.18	86	.21	12	1.84	.09	.23	2	60	4.12
205317	1573	>10000	77	160	4.2	39	145	1046	9.97	64	<8	<2	<2	173	1.2	<3	9	208	4.42	.064	4	83	1.57	48	.18	8	2.06	.04	.16	2	130	4.32
205318	447	5986	14	100	1.6	29	73	984	7.21	25	<8	<2	<2	169	.8	<3	<3	205	4.04	.078	3	41	1.49	32	.14	9	1.96	.04	.10	<2	92	4.84
205319	17	1790	<3	36	<.3	15	43	738	8.28	16	<8	<2	<2	85	.6	<3	<3	234	3.74	.104	5	71	1.30	26	.11	5	1.66	.02	.10	2	17	3.61
205320	8	1002	76	298	.3	11	29	1137	5.21	8	<8	<2	<2	180	2.3	<3	<3	143	14.09	.077	4	42	1.31	22	.10	7	1.58	.01	.09	2	33	1.85
205321	2	1696	4	215	.4	21	34	1428	6.84	9	<8	<2	<2	161	1.0	<3	<3	163	7.25	.074	3	66	1.63	27	.15	8	2.25	.02	.14	2	23	2.40
205322	3	74	<3	23	<.3	16	12	351	5.96	10	<8	<2	<2	54	<.5	<3	<3	206	2.47	.089	2	52	.85	22	.14	12	1.68	.04	.09	<2	27	4.50
205323	<1	254	<3	22	<.3	18	18	305	7.11	14	<8	<2	<2	69	<.5	<3	<3	231	2.10	.094	3	61	.67	31	.14	19	1.79	.06	.13	<2	65	4.90
205324	<1	165	<3	23	<.3	17	10	445	6.17	8	<8	<2	<2	52	<.5	<3	<3	212	2.37	.101	2	54	.91	29	.14	14	1.79	.04	.10	2	89	4.11
STANDARD DS6/AU-R2	12	123	29	141	.3	25	10	712	2.90	22	<8	<2	3	38	5.8	3	5	60	.89	.078	14	181	.57	163	.08	16	1.87	.07	.15	5	595	-

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	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	Au** ppb	Sample kg
205325	1	106	<3	79	<.3	21	16	452	5.91	13	<8	<2	<2	69	.5	<3	6	207	2.82	.097	3	70	1.06	40	.20	8	2.06	.05	.12	3	36	4.59
205326	4	210	<3	21	<.3	14	11	445	5.80	10	<8	<2	<2	85	<.5	3	7	181	2.63	.089	3	49	.97	24	.15	7	1.81	.03	.09	<2	103	3.95
205327	<1	199	<3	31	<.3	22	18	444	6.82	13	<8	<2	<2	84	<.5	<3	7	213	2.57	.097	3	83	1.07	38	.18	8	1.80	.05	.10	2	97	4.20
205328	<1	86	3	26	<.3	21	16	576	7.26	10	<8	<2	<2	72	<.5	<3	7	226	3.37	.096	3	72	1.44	32	.22	5	2.10	.04	.10	<2	154	4.25
205329	1	428	6	25	<.3	40	42	585	9.94	17	<8	<2	<2	48	<.5	<3	10	245	5.43	.097	2	91	1.50	32	.19	3	2.35	.03	.08	<2	173	4.20
205330	2	831	3	27	.5	27	84	569	9.84	35	<8	<2	<2	184	<.5	5	9	191	5.41	.090	3	97	1.17	66	.13	3	2.24	.02	.05	2	489	4.27
205331	<1	383	<3	17	.3	20	42	359	6.06	28	<8	<2	<2	72	<.5	3	10	189	2.99	.108	3	118	.75	46	.13	12	1.66	.02	.10	<2	189	4.38
205332	3	421	<3	27	<.3	23	37	593	7.28	17	<8	<2	<2	64	<.5	<3	5	221	3.22	.088	2	218	1.28	41	.16	6	1.96	.03	.13	<2	174	4.55
205333	1	97	3	24	<.3	33	19	498	7.89	10	<8	<2	<2	40	<.5	<3	8	227	1.90	.097	2	157	1.46	39	.22	<3	1.81	.03	.14	<2	57	4.80
205334	<1	198	<3	22	<.3	27	20	526	5.45	13	<8	<2	<2	53	<.5	<3	7	157	2.86	.082	2	113	1.62	31	.18	3	1.87	.02	.10	2	384	4.00
205335	<1	106	<3	25	<.3	23	22	584	5.37	9	<8	<2	<2	59	<.5	<3	6	151	3.98	.063	2	162	2.03	17	.17	4	2.12	.01	.07	<2	59	4.42
205336	<1	289	<3	22	<.3	22	17	544	6.76	8	<8	<2	<2	84	<.5	<3	8	206	4.02	.096	3	79	1.49	46	.21	6	2.28	.04	.14	<2	108	4.34
205337	1	128	6	209	<.3	20	17	601	7.29	15	<8	<2	<2	69	1.1	<3	8	217	3.30	.098	2	98	1.50	42	.20	6	2.03	.03	.13	<2	168	3.95
205338	1	369	40	349	.7	31	39	967	9.65	29	<8	<2	<2	104	1.7	<3	4	234	4.60	.087	3	193	2.05	52	.19	<3	2.06	.04	.12	2	124	4.75
205339	1	266	<3	33	<.3	32	19	684	8.86	13	<8	<2	<2	79	<.5	<3	9	216	4.12	.092	2	134	1.87	46	.19	<3	2.02	.03	.12	2	315	3.74
205340	1	497	<3	33	<.3	36	36	604	8.79	22	<8	<2	<2	56	<.5	<3	11	229	3.14	.097	2	128	1.46	69	.20	<3	1.80	.05	.17	<2	296	4.15
205341	1	352	<3	30	.3	52	36	606	6.30	22	<8	<2	<2	85	<.5	<3	4	159	3.66	.062	2	247	2.00	21	.19	7	3.06	.01	.07	2	153	4.52
205342	<1	197	3	30	<.3	32	16	671	8.57	12	<8	<2	<2	77	<.5	<3	7	229	3.72	.093	2	165	1.74	57	.22	<3	2.21	.02	.11	2	226	4.73
205343	1	145	<3	31	<.3	50	20	493	5.42	9	<8	<2	<2	47	<.5	<3	6	139	2.49	.064	2	271	2.31	20	.20	<3	2.13	.02	.09	2	140	4.80
205344	<1	258	<3	31	<.3	46	43	485	8.26	14	<8	<2	<2	21	<.5	<3	6	179	1.59	.074	3	358	2.33	66	.22	<3	1.70	.02	.21	2	87	4.02
205345	<1	546	60	738	<.3	15	55	789	3.65	30	<8	<2	<2	32	4.1	<3	7	68	2.01	.117	4	5	.92	56	.11	<3	1.33	.01	.15	<2	91	4.93
205346	<1	327	33	161	.4	11	33	1290	3.74	19	<8	<2	2	32	<.5	<3	7	75	2.22	.113	7	8	1.11	46	.11	4	1.57	.01	.19	<2	46	3.50
RE 205346	1	337	34	161	.3	11	33	1310	3.78	20	<8	<2	2	32	<.5	<3	<3	77	2.26	.117	8	9	1.13	47	.11	5	1.62	.01	.19	<2	43	-
RRE 205346	<1	350	31	172	.5	9	27	1209	3.53	15	<8	<2	2	31	<.5	<3	8	79	2.17	.114	8	6	1.09	59	.11	3	1.57	.01	.22	<2	33	-
205347	<1	4116	116	716	1.8	35	42	2907	8.15	31	<8	<2	2	42	2.7	<3	10	110	2.70	.094	5	106	2.48	33	.12	<3	2.86	.01	.19	<2	149	4.00
205348	<1	28	5	29	<.3	67	17	775	5.66	7	<8	<2	<2	67	<.5	<3	6	163	3.28	.102	2	304	2.97	26	.22	3	2.12	.04	.13	<2	6	4.40
205349	2	91	7	36	<.3	63	27	889	5.65	10	<8	<2	<2	89	<.5	<3	<3	159	4.45	.093	3	280	2.97	27	.24	3	2.24	.03	.12	<2	23	4.68
205350	<1	202	107	6348	1.3	58	40	1118	7.01	18	<8	<2	<2	51	33.0	<3	10	174	4.21	.077	3	336	2.90	27	.22	<3	2.16	.02	.15	<2	119	4.04
205351	<1	54	<3	42	<.3	68	21	567	7.98	4	<8	<2	<2	23	<.5	<3	8	184	1.36	.074	1	356	3.09	26	.24	<3	2.17	.02	.18	2	38	4.95
205352	1	41	16	59	<.3	66	20	511	6.10	9	<8	<2	<2	38	<.5	<3	8	166	1.30	.091	2	318	2.48	24	.21	4	1.76	.03	.17	<2	55	4.05
205353	<1	24	<3	36	<.3	77	23	890	5.64	5	<8	<2	<2	44	<.5	<3	6	152	3.58	.069	1	324	3.33	12	.22	<3	2.29	.02	.14	<2	38	4.10
205354	<1	98	<3	39	<.3	72	23	1131	6.09	6	<8	<2	<2	37	<.5	<3	7	170	3.55	.081	2	315	3.12	10	.21	3	2.18	.02	.12	<2	360	4.85
205355	<1	8	<3	34	<.3	61	16	440	4.57	11	<8	<2	<2	26	<.5	<3	7	155	1.43	.091	2	242	2.29	10	.21	9	1.98	.02	.12	<2	67	4.50
STANDARD DS6/AU-R2	11	121	27	140	<.3	24	10	706	2.80	23	<8	<2	3	38	5.8	4	6	55	.83	.075	13	182	.58	162	.08	16	1.83	.07	.14	3	617	-

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data f FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	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	Au** ppb	Sample kg
205356	2	34	7	29	<.3	61	14	488	4.96	6	<8	<2	<2	24	<.5	<3	<3	160	1.84	.086	2	236	1.98	16	.21	9	1.76	.03	.16	2	12	4.92
205357	2	35	6	36	<.3	58	15	440	5.63	6	<8	<2	<2	28	<.5	<3	<3	177	1.29	.086	2	240	1.93	19	.23	8	1.56	.04	.19	<2	20	4.30
205358	1	39	3	21	<.3	48	13	340	5.15	8	<8	<2	<2	30	<.5	<3	3	165	.95	.088	2	189	1.63	25	.22	17	1.35	.05	.43	<2	38	5.11
205359	1	38	5	25	<.3	56	12	438	5.27	6	<8	<2	<2	25	<.5	<3	<3	178	1.22	.091	2	211	1.93	15	.24	7	1.55	.04	.24	<2	14	5.25
205360	2	112	<3	27	<.3	60	22	697	6.43	9	<8	<2	<2	33	<.5	4	3	203	3.74	.086	2	248	2.26	15	.25	<3	2.08	.03	.16	<2	27	4.18
205361	2	33	6	24	<.3	52	10	507	5.13	7	<8	<2	<2	27	<.5	<3	<3	170	2.01	.085	2	204	2.14	15	.23	5	1.83	.03	.20	<2	71	4.50
205362	2	44	6	26	<.3	48	13	450	4.87	10	<8	<2	<2	48	<.5	<3	<3	157	2.36	.093	2	189	1.89	27	.22	4	1.65	.05	.27	<2	10	4.10
205363	1	21	6	23	<.3	45	9	344	4.84	6	<8	<2	<2	37	<.5	<3	<3	161	1.36	.097	2	167	1.58	54	.22	9	1.62	.08	.51	2	13	4.35
205364	2	23	5	20	<.3	45	7	332	5.19	5	<8	<2	<2	49	<.5	<3	<3	167	1.22	.100	2	185	1.53	46	.22	10	1.53	.06	.42	<2	16	4.60
205365	1	14	<3	24	<.3	48	7	351	5.11	4	<8	<2	<2	29	<.5	<3	<3	167	1.38	.095	2	191	1.64	26	.23	7	1.61	.05	.28	<2	17	4.61
205366	1	93	<3	27	<.3	50	11	399	6.99	4	<8	<2	<2	21	<.5	<3	3	182	1.29	.096	3	199	1.60	49	.23	9	1.50	.04	.32	<2	38	4.75
205367	2	160	<3	30	<.3	51	15	573	7.69	7	<8	<2	<2	20	<.5	<3	5	195	.98	.087	2	187	1.92	39	.25	6	1.55	.04	.39	<2	107	4.78
205368	5	145	41	165	<.3	36	20	2406	7.14	3	12	<2	<2	74	<.5	4	4	196	4.49	.097	4	174	2.51	26	.23	9	2.16	.03	.16	2	27	4.55
205369	3	133	5	22	<.3	48	19	356	5.42	5	<8	<2	<2	38	<.5	<3	<3	181	.95	.101	3	120	1.65	56	.27	5	1.46	.05	.70	<2	56	4.02
205370	2	18	<3	19	<.3	37	10	293	4.87	2	<8	<2	<2	34	<.5	<3	<3	183	.82	.106	3	104	1.43	63	.25	3	1.34	.06	.86	<2	9	4.42
205371	2	41	3	21	<.3	35	11	291	4.89	5	<8	<2	<2	61	<.5	<3	3	185	1.21	.093	2	145	1.50	29	.25	7	1.53	.06	.47	<2	12	4.90
205372	3	71	<3	18	<.3	31	15	262	4.91	5	<8	<2	<2	32	<.5	<3	3	185	1.13	.099	2	108	1.30	44	.24	6	1.38	.06	.43	<2	33	4.87
205373	2	36	<3	15	<.3	28	10	256	5.17	4	<8	<2	<2	68	<.5	<3	<3	211	1.67	.123	3	103	1.01	38	.22	12	1.63	.10	.30	<2	32	4.32
205374	2	43	<3	18	<.3	23	11	270	5.28	4	<8	<2	<2	54	<.5	<3	<3	199	1.77	.095	3	73	.89	35	.21	9	1.46	.06	.21	<2	89	6.12
205375	2	37	6	18	<.3	22	7	260	5.16	6	<8	<2	<2	84	<.5	<3	<3	188	1.97	.102	3	59	.95	38	.19	11	1.99	.07	.22	<2	49	4.04
205376	2	288	4	20	<.3	33	29	258	6.04	14	<8	<2	<2	75	<.5	<3	<3	210	1.23	.119	3	60	1.05	39	.23	6	1.46	.09	.25	<2	57	5.07
RE 205376	2	284	<3	19	<.3	32	29	252	5.88	11	<8	<2	<2	75	<.5	<3	<3	206	1.22	.117	3	58	1.03	38	.22	9	1.46	.09	.24	2	56	-
RRE 205376	2	352	5	20	<.3	36	40	252	6.27	13	<8	<2	<2	77	<.5	<3	5	212	1.29	.120	3	61	1.00	38	.22	11	1.50	.09	.23	2	70	-
205377	3	157	<3	22	<.3	40	31	330	6.45	14	<8	<2	<2	71	<.5	<3	<3	216	1.90	.120	3	63	1.22	23	.24	10	1.91	.09	.19	<2	58	4.29
205378	2	75	5	19	<.3	23	14	288	5.91	7	<8	<2	<2	33	<.5	<3	<3	237	1.44	.096	3	53	1.07	16	.23	6	1.45	.07	.20	<2	33	4.56
205379	3	61	<3	21	<.3	28	12	335	6.53	5	<8	<2	<2	81	<.5	<3	<3	248	1.79	.099	3	57	1.25	24	.26	10	1.90	.08	.30	<2	38	4.79
205380	4	141	3	21	<.3	30	12	316	6.32	7	<8	<2	<2	47	<.5	5	<3	237	1.41	.102	3	74	1.22	28	.27	9	1.64	.08	.30	<2	238	4.30
205381	2	61	<3	21	<.3	31	11	355	6.21	5	9	<2	<2	89	<.5	<3	3	234	1.23	.092	3	75	1.35	27	.26	14	1.45	.09	.30	<2	72	4.74
205382	3	112	322	94	.5	31	14	1610	5.99	5	<8	<2	<2	73	<.5	3	<3	200	3.17	.102	4	75	1.58	27	.22	9	2.16	.04	.15	<2	59	3.83
205383	2	220	385	138	<.3	50	22	2058	8.12	12	<8	<2	<2	58	.5	<3	<3	225	5.06	.093	3	122	2.22	14	.22	15	2.28	.02	.11	<2	82	5.20
205384	1	89	10	44	<.3	25	13	709	5.16	7	<8	<2	<2	62	<.5	<3	<3	153	2.14	.098	4	66	1.19	26	.18	3	1.55	.03	.11	<2	31	5.18
205385	2	30	3	28	<.3	5	11	485	5.07	4	<8	<2	<2	42	<.5	<3	<3	192	2.15	.131	6	4	.88	43	.12	7	1.20	.06	.13	<2	25	4.05
205386	3	52	6	45	<.3	8	18	603	6.69	4	<8	<2	<2	38	<.5	<3	<3	254	2.17	.154	6	5	1.01	47	.16	7	1.24	.05	.12	<2	22	4.90
STANDARD DS6/AU-R2	11	122	29	139	.3	25	9	701	2.78	22	<8	<2	2	37	5.6	5	7	53	.84	.078	13	172	.56	155	.08	16	1.77	.07	.15	2	622	-

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	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	Au** ppb	Sample kg
205387	<1	25	<3	17	<.3	2	4	236	2.29	<2	<8	<2	<2	21	<.5	<3	<3	80	.95	.087	6	5	.36	39	.07	3	.64	.05	.12	<2	12	4.35
205388	<1	427	5	90	.3	7	14	1393	3.80	5	<8	<2	<2	29	<.5	<3	<3	125	2.16	.103	5	15	.88	32	.08	6	1.26	.03	.14	2	18	4.15
205389	1	153	5	130	.4	41	19	2236	10.25	7	<8	<2	<2	49	<.5	4	<3	248	3.17	.100	3	164	2.75	19	.16	10	2.54	.02	.08	2	62	4.40
205390	1	134	<3	41	<.3	29	20	538	6.64	4	<8	<2	<2	45	<.5	<3	<3	212	1.70	.124	3	127	1.62	39	.16	7	1.46	.03	.11	<2	76	4.45
205391	<1	72	<3	59	<.3	7	25	719	4.36	7	<8	<2	<2	58	<.5	<3	<3	158	2.32	.184	7	9	1.04	36	.10	8	1.24	.04	.13	<2	16	4.79
205392	1	70	11	66	.3	35	28	1449	7.04	3	<8	<2	<2	52	<.5	<3	<3	214	2.21	.130	3	107	2.22	35	.20	8	1.83	.03	.13	<2	26	4.62
205393	2	177	12	306	.4	37	34	1591	8.31	6	<8	<2	<2	74	1.4	<3	<3	262	3.91	.130	4	107	2.70	21	.19	7	2.37	.02	.09	<2	59	4.75
205394	<1	35	6	58	<.3	51	22	1210	7.04	4	<8	<2	<2	105	<.5	<3	<3	226	3.10	.105	3	161	2.58	33	.21	7	2.09	.02	.11	<2	24	3.94
205395	5	1106	96	465	2.6	69	222	1725	11.17	97	<8	<2	<2	88	1.6	3	<3	205	3.35	.097	3	137	1.72	54	.14	12	1.86	.01	.11	44	856	5.12
205396	1	287	4	40	.3	21	82	608	6.45	22	<8	<2	<2	40	<.5	<3	<3	251	2.13	.130	2	133	1.77	70	.21	3	1.55	.01	.17	2	284	4.22
205397	4	316	4	28	<.3	48	135	411	10.21	49	<8	<2	<2	32	<.5	<3	<3	211	.83	.113	2	128	1.74	80	.22	8	1.56	.03	.32	3	499	4.58
205398	2	1287	10	65	<.3	70	241	657	13.40	116	9	<2	<2	42	<.5	<3	<3	219	.77	.141	3	103	1.62	79	.20	8	2.03	.03	.20	14	1092	5.25
205399	3	1465	<3	34	.4	73	255	565	14.52	59	8	<2	<2	26	<.5	<3	<3	213	.82	.127	3	103	1.87	80	.24	10	1.82	.02	.27	>100	1315	4.89
205400	3	343	<3	49	.5	42	85	666	11.26	15	<8	<2	<2	32	<.5	<3	<3	251	1.16	.128	3	129	2.73	139	.32	11	2.36	.02	.41	>100	682	4.77
205401	2	928	6	62	1.0	52	31	845	9.99	<2	<8	5	<2	44	.5	<3	<3	259	1.53	.126	3	139	3.26	182	.34	10	2.66	.02	.45	43	3374	4.60
205402	2	729	4	42	.7	60	72	616	10.21	6	<8	<2	<2	25	<.5	<3	<3	232	2.47	.110	2	126	2.45	73	.29	9	2.16	.02	.29	>100	250	4.55
205403	1	645	<3	41	<.3	59	73	625	10.59	7	<8	<2	<2	23	<.5	<3	<3	241	1.35	.116	2	132	2.93	119	.31	8	2.37	.02	.41	8	189	4.70
205404	2	147	<3	21	.3	21	27	337	6.75	6	<8	<2	<2	30	<.5	<3	<3	263	1.45	.122	3	63	1.08	86	.21	13	1.46	.03	.21	5	96	5.12
RE 205404	2	160	<3	23	<.3	22	28	354	7.27	5	<8	<2	<2	31	<.5	<3	<3	282	1.53	.128	3	67	1.12	88	.21	7	1.53	.03	.21	4	41	-
RRE 205404	2	148	<3	22	.4	23	31	354	7.34	4	<8	<2	<2	31	<.5	<3	<3	284	1.52	.127	3	70	1.13	90	.22	9	1.54	.03	.21	2	39	-
205405	1	965	6	32	.4	39	144	488	10.96	20	<8	<2	<2	29	<.5	<3	<3	254	2.65	.093	2	95	1.42	86	.24	10	1.82	.03	.20	3	363	4.60
205406	1	203	<3	25	.3	28	31	375	7.39	4	<8	<2	<2	40	<.5	<3	<3	283	1.32	.104	2	93	1.27	151	.23	11	1.60	.04	.33	2	62	4.65
205407	5	3773	5	35	.5	69	334	448	15.78	98	9	<2	<2	40	<.5	<3	<3	261	.87	.111	3	51	1.35	89	.23	11	1.76	.04	.25	42	424	5.42
205408	<1	757	<3	28	.3	32	63	421	9.71	6	<8	<2	<2	39	<.5	<3	<3	274	1.13	.106	3	169	1.34	157	.25	11	1.49	.03	.28	4	117	4.95
205409	2	394	<3	31	.3	28	33	406	9.45	4	<8	<2	<2	54	<.5	<3	<3	301	2.11	.116	2	113	1.31	258	.27	13	1.73	.03	.32	2	193	4.62
205410	2	2302	5	40	.7	83	211	501	12.26	14	<8	<2	<2	34	<.5	<3	<3	234	2.17	.112	2	100	1.43	92	.23	12	1.85	.03	.24	37	276	5.75
205411	1	611	<3	34	<.3	57	41	510	7.88	3	<8	<2	<2	41	<.5	<3	<3	261	1.72	.119	3	157	1.72	105	.21	8	1.79	.03	.29	<2	74	4.70
205412	<1	241	<3	27	.3	63	28	419	6.61	4	<8	<2	<2	36	<.5	<3	<3	227	1.41	.121	3	185	1.75	69	.20	9	1.69	.03	.23	3	68	4.95
205413	2	119	<3	24	.3	40	21	417	5.85	5	<8	<2	<2	46	<.5	<3	<3	240	2.04	.110	2	166	1.51	60	.23	6	1.68	.04	.23	2	46	4.75
205414	2	220	<3	20	<.3	27	28	409	7.46	8	<8	<2	<2	50	<.5	<3	<3	283	1.88	.138	3	82	1.10	49	.16	11	1.60	.04	.14	9	36	4.86
205415	3	96	<3	28	<.3	30	26	481	6.76	4	<8	<2	<2	33	<.5	<3	<3	272	1.44	.120	3	105	1.40	65	.21	9	1.63	.03	.14	3	64	5.00
205416	1	101	4	26	<.3	12	25	457	7.92	<2	<8	<2	<2	25	<.5	<3	<3	336	1.19	.148	3	15	.85	29	.17	9	1.06	.03	.09	<2	34	4.70
205417	2	62	<3	29	<.3	9	23	507	7.75	2	<8	<2	<2	31	<.5	<3	<3	317	1.43	.151	3	6	.99	18	.14	3	1.10	.03	.07	2	49	4.61
STANDARD DS6/AU-R2	11	119	27	138	.3	24	11	716	2.86	21	<8	<2	2	38	5.8	4	5	60	.83	.079	13	186	.59	162	.08	16	1.82	.07	.15	3	597	-

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	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	Au** ppb	Sample kg
205418	2	28	<3	43	.3	11	22	613	7.95	2	8	<2	<2	44	<.5	3	<3	312	2.86	.139	4	23	1.10	28	.16	10	1.58	.03	.08	3	41	4.60
205419	3	117	5	56	<.3	18	31	693	8.34	5	12	<2	<2	34	<.5	<3	<3	308	2.08	.129	3	56	1.42	37	.19	9	1.49	.04	.10	2	40	5.20
205420	1	198	<3	57	<.3	31	33	790	7.81	<2	10	<2	<2	45	<.5	<3	<3	278	2.58	.118	3	129	1.75	57	.23	10	2.10	.03	.12	<2	114	4.95
205421	2	217	<3	29	<.3	29	33	489	6.44	6	<8	<2	<2	47	<.5	<3	<3	230	1.94	.119	3	129	1.29	115	.22	14	1.89	.04	.19	2	91	4.52
205422	1	620	<3	48	<.3	31	41	694	8.08	12	10	<2	<2	48	<.5	<3	<3	262	2.67	.107	3	80	1.25	37	.14	10	1.41	.04	.10	<2	256	5.52
205423	2	301	<3	23	<.3	29	35	451	7.32	10	<8	<2	<2	43	<.5	<3	<3	260	1.88	.118	3	105	1.02	43	.18	12	1.59	.05	.11	2	83	4.70
205424	14	519	10	65	<.3	27	49	650	7.30	18	11	<2	<2	43	<.5	<3	<3	233	2.23	.114	3	67	1.01	47	.13	14	1.42	.05	.12	<2	35	4.60
205425	1	235	<3	36	<.3	22	32	607	7.83	6	8	<2	<2	42	<.5	<3	<3	299	1.61	.110	3	63	1.15	74	.21	10	1.48	.05	.15	2	218	5.29
205426	1	116	<3	43	<.3	10	21	562	6.72	<2	11	<2	<2	42	<.5	<3	<3	255	2.28	.123	4	24	.89	32	.16	11	1.57	.04	.10	2	6	4.72
205427	<1	65	3	50	<.3	44	24	744	5.58	2	9	<2	<2	60	<.5	<3	<3	203	2.14	.087	2	225	1.48	27	.18	11	1.59	.07	.13	2	8	4.60
205428	1	172	<3	33	<.3	41	28	629	5.86	5	<8	<2	<2	59	<.5	<3	<3	186	2.71	.073	1	222	1.43	23	.15	10	1.57	.06	.12	<2	54	4.88
205429	1	522	<3	22	<.3	30	45	432	7.49	17	11	<2	<2	77	<.5	<3	<3	257	2.12	.114	2	114	1.01	43	.16	11	1.55	.07	.13	2	140	5.35
205430	1	308	11	89	<.3	25	28	743	7.15	9	<8	<2	<2	77	.5	3	<3	260	2.45	.143	4	132	1.29	41	.16	12	1.74	.06	.13	<2	181	4.79
205431	2	215	8	93	<.3	30	26	691	6.38	6	9	<2	<2	203	.5	<3	<3	213	2.46	.125	4	161	1.30	52	.14	7	1.65	.06	.11	<2	43	4.89
205432	<1	482	4	65	<.3	34	41	1085	8.43	6	<8	<2	<2	178	<.5	<3	<3	260	2.59	.103	3	135	1.58	87	.20	8	1.76	.04	.14	<2	85	5.35
205433	1	187	<3	87	<.3	30	31	1654	10.34	6	9	<2	2	81	<.5	3	<3	314	4.23	.115	3	93	2.44	78	.24	18	2.19	.02	.13	3	35	4.48
205434	<1	103	<3	32	<.3	22	28	593	9.47	3	9	<2	<2	43	<.5	<3	<3	356	1.97	.128	3	67	1.39	106	.22	14	1.67	.04	.17	<2	71	5.40
205435	12	110	4	48	<.3	34	32	647	8.42	6	14	<2	6	48	<.5	<3	<3	306	2.11	.093	3	138	1.85	138	.26	34	1.70	.03	.24	3	14	5.32
205436	<1	356	<3	30	<.3	48	40	446	8.16	9	10	<2	<2	36	<.5	<3	<3	310	1.47	.081	2	175	1.58	179	.28	17	1.84	.03	.32	3	102	4.57
RE 205436	1	378	4	33	<.3	52	42	471	8.69	9	<8	<2	<2	38	<.5	<3	<3	326	1.55	.087	2	182	1.68	190	.30	20	1.97	.03	.34	3	101	-
RRE 205436	2	417	<3	33	<.3	51	43	461	8.43	14	15	<2	<2	37	<.5	<3	<3	313	1.49	.083	2	179	1.66	187	.29	17	1.90	.03	.34	3	106	-
205437	10	891	<3	39	<.3	39	66	515	10.21	8	9	<2	<2	39	<.5	<3	<3	283	1.50	.119	3	117	1.63	213	.27	20	1.99	.04	.31	5	270	5.08
205438	1	359	<3	28	<.3	39	43	426	8.15	9	<8	<2	<2	50	<.5	<3	<3	276	1.92	.114	2	138	1.37	191	.25	18	2.01	.05	.30	2	75	4.70
205439	1	314	<3	27	<.3	34	26	381	7.37	2	<8	<2	<2	48	<.5	<3	<3	281	1.48	.097	2	168	1.50	236	.25	15	1.83	.05	.44	2	285	5.21
205440	28	135	<3	21	<.3	39	26	302	4.40	4	<8	<2	<2	32	<.5	<3	<3	170	1.60	.081	2	191	1.38	52	.16	14	1.58	.06	.20	<2	18	4.65
205441	6	733	<3	28	<.3	53	78	384	8.12	17	<8	<2	<2	39	<.5	<3	<3	241	1.33	.096	3	140	1.13	97	.21	21	1.37	.04	.21	<2	39	4.90
205442	3	1094	4	37	<.3	78	151	458	11.39	30	11	<2	<2	46	<.5	<3	<3	229	1.26	.123	4	138	1.18	103	.21	31	1.56	.05	.22	40	56	4.65
205443	1	408	<3	33	<.3	37	37	466	8.35	5	11	<2	<2	50	<.5	<3	<3	306	1.66	.094	2	120	1.44	185	.25	24	1.86	.05	.32	2	144	5.20
205444	1	211	<3	28	<.3	27	36	383	7.74	7	9	<2	<2	58	<.5	<3	<3	293	2.09	.125	3	107	1.12	169	.22	20	1.82	.05	.30	2	90	4.60
205445	1	279	<3	35	<.3	57	29	477	7.40	4	9	<2	<2	20	<.5	<3	<3	245	1.49	.075	2	229	2.16	148	.26	15	2.03	.03	.28	3	32	5.20
205446	<1	157	<3	23	<.3	38	31	378	8.01	6	10	<2	<2	35	<.5	<3	<3	315	1.69	.083	2	128	1.36	127	.23	22	1.62	.07	.34	<2	17	5.90
205447	<1	130	<3	24	<.3	28	21	360	7.63	3	<8	<2	<2	61	<.5	<3	<3	302	1.78	.090	2	108	1.27	97	.22	19	1.72	.07	.24	2	47	3.88
205448	1	187	<3	31	<.3	30	28	404	8.39	<2	11	<2	<2	58	<.5	<3	<3	313	1.82	.134	3	122	1.36	133	.22	19	1.76	.06	.24	<2	111	5.25
STANDARD DS6/AU-R2	11	125	29	140	.3	24	11	713	2.87	21	<8	<2	3	38	5.8	4	6	55	.82	.078	14	182	.58	162	.08	16	1.84	.07	.15	4	608	-

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data A FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	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	Au** ppb	Sample kg
205449	1	46	<3	22	.4	48	18	400	6.03	<2	<8	<2	<2	37	<.5	<3	<3	220	1.40	.110	2	238	1.82	286	.22	10	1.76	.06	.37	3	13	5.15
205450	1	365	<3	29	.4	42	50	440	7.67	<2	<8	<2	<2	40	<.5	<3	<3	251	1.48	.117	3	165	1.37	161	.22	12	1.67	.05	.25	<2	29	4.82
205451	3	663	<3	29	.4	69	66	384	6.77	11	<8	<2	<2	42	<.5	<3	<3	207	1.64	.135	3	110	1.46	111	.19	10	1.81	.06	.20	2	29	5.70
205452	2	490	5	34	.3	39	64	415	6.63	18	<8	<2	<2	67	<.5	<3	<3	232	2.11	.109	3	83	1.20	30	.17	9	1.86	.05	.11	<2	27	4.82
205453	2	756	7	71	.7	87	80	730	9.10	29	<8	<2	2	39	<.5	4	<3	244	1.94	.122	2	149	1.95	88	.22	12	2.21	.04	.22	<2	187	4.78
205454	1	155	<3	17	.4	35	18	368	6.03	2	<8	<2	<2	43	<.5	<3	<3	247	1.64	.125	3	157	1.13	36	.18	8	1.44	.08	.16	2	80	4.60
205455	<1	20	<3	27	.4	49	20	506	5.81	<2	<8	<2	<2	36	<.5	<3	<3	223	1.64	.105	3	183	1.67	56	.21	8	1.70	.08	.19	2	10	4.80
205456	2	30	<3	23	<.3	66	24	434	4.71	4	<8	<2	<2	27	<.5	3	<3	180	1.73	.101	2	234	2.02	49	.22	9	2.05	.05	.28	2	5	5.35
205457	3	21	<3	22	<.3	60	21	391	3.75	5	<8	<2	<2	45	<.5	<3	<3	145	1.52	.087	2	210	1.88	50	.18	10	1.75	.07	.23	<2	5	5.01
205458	<1	10	<3	18	<.3	50	20	404	4.79	<2	<8	<2	<2	57	<.5	<3	<3	191	1.70	.124	3	182	1.57	72	.19	9	1.68	.08	.27	<2	45	4.96
205459	5	96	<3	26	<.3	58	28	417	4.63	6	<8	<2	<2	29	<.5	<3	<3	175	1.62	.119	3	239	1.65	57	.20	11	1.69	.06	.18	2	8	4.07
205460	2	7	<3	22	.3	73	24	458	5.22	4	<8	<2	<2	48	<.5	3	<3	196	1.90	.112	2	271	1.80	47	.20	12	2.10	.06	.22	<2	6	5.40
RE 205460	1	6	<3	20	<.3	71	24	454	5.17	6	<8	<2	<2	48	<.5	<3	<3	195	1.88	.111	2	270	1.78	46	.20	12	2.08	.05	.22	<2	5	-
RRE 205460	3	7	<3	21	<.3	73	24	465	5.28	4	<8	<2	<2	47	<.5	4	3	200	2.00	.112	2	277	1.83	52	.20	8	2.15	.06	.22	2	6	-
205461	1	5	4	24	.3	35	22	491	6.63	3	9	<2	<2	62	<.5	<3	<3	267	2.28	.157	3	127	1.48	80	.20	16	2.10	.08	.24	2	3	4.70
205462	1	28	<3	26	.3	60	26	489	5.53	5	<8	<2	<2	43	<.5	<3	<3	222	2.05	.103	2	198	1.81	68	.21	8	2.13	.05	.28	<2	10	4.72
205463	2	22	<3	23	.3	63	24	443	5.48	7	<8	<2	<2	33	<.5	<3	<3	217	1.72	.107	2	212	1.69	57	.21	13	2.01	.05	.26	2	20	5.35
205464	2	24	<3	31	.4	58	25	487	5.20	6	<8	<2	<2	53	<.5	3	<3	201	2.02	.116	3	200	1.76	41	.18	12	1.90	.05	.15	2	4	4.55
205465	1	67	<3	25	.3	50	26	439	5.63	6	<8	<2	<2	53	<.5	<3	<3	210	1.68	.113	2	167	1.57	32	.17	13	1.84	.06	.16	<2	11	4.30
205466	2	73	<3	27	<.3	37	25	511	6.47	3	<8	<2	<2	58	<.5	<3	<3	245	1.97	.132	3	141	1.65	58	.19	13	2.04	.07	.18	<2	5	5.00
205467	1	287	3	38	.3	33	60	568	9.08	9	<8	<2	<2	48	<.5	3	<3	299	2.40	.165	3	71	1.37	27	.17	13	2.33	.04	.12	<2	21	4.20
205468	3	537	3	49	1.0	77	66	661	9.47	23	<8	<2	<2	47	<.5	5	<3	240	2.17	.103	2	227	2.29	39	.24	14	2.67	.03	.12	26	55	5.10
205469	3	1072	9	35	1.3	106	118	670	9.95	60	<8	<2	<2	30	<.5	9	<3	220	1.87	.120	2	263	2.62	87	.25	16	2.61	.04	.24	3	149	5.63
205470	2	49	3	30	.3	71	28	580	6.40	6	<8	<2	3	31	<.5	7	<3	241	2.16	.111	3	240	2.19	85	.23	14	2.43	.03	.23	2	6	3.45
205471	2	44	<3	25	.4	67	26	563	6.14	7	<8	<2	<2	30	<.5	<3	3	228	2.51	.113	2	225	2.03	33	.21	10	2.51	.04	.15	3	35	5.90
205472	1	733	<3	61	.4	41	25	531	6.87	7	<8	<2	<2	55	.8	3	<3	260	2.45	.175	3	147	1.65	52	.19	15	2.22	.05	.20	2	34	2.58
205473	4	33	<3	22	.4	41	24	488	6.87	11	<8	<2	3	42	<.5	<3	<3	261	2.00	.144	4	140	1.59	64	.21	14	2.09	.06	.24	2	4	7.02
205474	1	108	<3	16	.3	62	22	378	6.34	9	<8	<2	<2	45	<.5	4	3	243	1.47	.118	2	191	1.85	94	.27	13	1.85	.05	.35	<2	1872	4.67
205475	<1	140	<3	26	.5	67	22	461	6.53	7	<8	<2	<2	39	<.5	5	<3	235	1.67	.108	2	195	2.16	69	.27	11	2.22	.05	.33	2	124	4.38
205476	1	89	<3	15	.3	56	18	401	7.43	4	<8	<2	<2	33	<.5	<3	4	273	1.64	.120	3	164	2.03	79	.28	16	2.14	.05	.45	2	46	5.04
205477	2	119	<3	17	.5	77	19	448	7.37	2	<8	<2	<2	31	<.5	4	<3	272	1.65	.114	3	201	2.60	124	.30	13	2.52	.04	.51	<2	53	3.90
205478	2	131	4	18	.7	72	13	460	9.45	3	<8	<2	<2	34	<.5	7	<3	306	1.55	.121	2	203	2.59	130	.32	18	2.41	.04	.37	<2	29	5.11
205479	2	184	4	21	.3	75	55	454	11.33	7	<8	<2	<2	28	<.5	7	3	291	1.73	.131	2	202	2.72	210	.32	14	2.60	.03	.38	2	94	5.20
STANDARD DS6/AU-R2	12	118	27	129	.3	24	10	716	2.77	21	8	<2	3	38	5.7	3	5	53	.82	.075	14	184	.54	167	.07	16	1.80	.07	.14	5	609	-

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	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	Au** ppb	Sample kg
205480	2	314	3	19	<.3	50	54	309	10.78	2	9	<2	<2	45	<.5	<3	<3	280	1.67	.128	2	198	1.46	145	.28	8	1.87	.02	.29	4	27	4.62
205481	2	1155	<3	29	<.3	63	35	410	9.68	3	<8	<2	<2	37	<.5	<3	<3	286	1.84	.137	1	185	2.00	159	.32	7	2.20	.03	.32	3	331	4.75
205482	3	170	<3	23	<.3	61	19	371	6.86	6	<8	<2	<2	55	<.5	<3	<3	253	1.86	.121	2	197	1.79	133	.31	10	2.24	.06	.41	3	33	5.20
205483	1	109	<3	36	<.3	50	22	391	6.66	6	<8	<2	<2	54	<.5	<3	<3	259	1.85	.148	1	155	1.70	147	.28	12	2.10	.05	.41	2	13	4.65
205484	<1	123	<3	28	<.3	59	16	493	7.23	6	8	<2	<2	42	<.5	5	<3	261	1.69	.128	2	178	2.33	122	.31	12	2.32	.04	.36	2	17	4.90
205485	1	142	6	32	<.3	62	18	513	6.84	13	<8	<2	<2	51	<.5	<3	<3	248	1.80	.139	2	160	2.29	129	.31	14	2.48	.05	.43	3	14	3.69
205486	1	248	<3	46	<.3	55	13	639	7.34	<2	<8	<2	<2	49	<.5	<3	<3	257	1.52	.122	1	176	2.09	67	.28	5	2.01	.06	.24	2	37	5.04
205487	<1	153	<3	54	<.3	54	10	645	7.02	3	<8	<2	<2	42	<.5	<3	<3	247	1.84	.126	2	159	2.16	40	.29	6	2.18	.03	.18	2	58	4.98
205488	1	66	6	37	<.3	54	14	572	8.40	5	<8	<2	<2	80	<.5	<3	<3	265	1.80	.124	2	187	2.03	56	.31	7	2.11	.06	.25	3	10	4.49
205489	1	150	5	71	<.3	51	16	750	9.54	7	<8	<2	<2	36	<.5	<3	<3	264	2.46	.122	2	182	2.00	61	.28	4	2.05	.04	.21	2	25	3.88
205490	1	72	4	95	<.3	53	15	879	8.68	6	<8	<2	<2	34	<.5	<3	<3	254	2.72	.119	2	179	2.30	39	.32	4	2.33	.02	.15	3	15	4.48
205491	<1	122	22	59	.3	35	10	546	7.46	15	<8	<2	<2	47	<.5	3	<3	282	2.58	.121	1	109	.89	59	.21	23	2.20	.04	.23	<2	14	3.22
205492	<1	183	7	49	<.3	43	29	484	7.51	5	<8	<2	<2	79	<.5	<3	<3	261	2.07	.116	2	99	1.48	36	.28	11	2.12	.04	.18	<2	35	4.80
205493	<1	184	<3	21	<.3	59	18	380	6.31	3	<8	<2	<2	70	<.5	<3	<3	229	1.76	.113	2	178	1.83	48	.27	9	2.11	.06	.29	3	44	5.35
205494	1	242	<3	20	<.3	44	12	388	6.53	<2	<8	<2	<2	47	<.5	<3	<3	233	1.59	.115	2	155	1.58	24	.27	11	1.83	.05	.18	<2	59	4.60
205495	3	199	<3	37	<.3	43	17	384	8.19	5	<8	<2	<2	48	<.5	<3	<3	253	1.57	.119	1	170	1.42	54	.25	10	1.75	.05	.27	2	66	4.20
205496	<1	149	<3	23	<.3	43	24	359	5.65	6	<8	<2	<2	57	<.5	<3	<3	202	1.36	.110	2	141	1.54	36	.25	14	1.61	.05	.25	<2	23	5.06
205497	<1	116	<3	23	<.3	53	22	418	6.14	7	<8	<2	<2	35	<.5	<3	<3	225	1.32	.113	2	156	1.86	78	.30	6	1.86	.05	.36	<2	17	5.30
205498	2	253	<3	22	<.3	43	22	344	5.77	11	<8	<2	<2	54	<.5	<3	<3	223	1.44	.130	1	103	1.25	64	.27	10	1.58	.06	.28	2	35	5.49
205499	<1	103	<3	32	<.3	67	22	456	5.85	3	12	<2	<2	41	<.5	<3	<3	220	1.48	.109	1	218	1.86	43	.25	8	1.98	.05	.28	2	10	5.30
205500	<1	133	<3	20	<.3	67	28	372	4.93	8	11	<2	7	56	<.5	<3	<3	183	1.32	.094	4	179	1.72	41	.24	11	1.78	.05	.26	<2	20	4.70
RE 205500	<1	130	3	21	<.3	65	28	367	4.86	6	<8	<2	6	55	<.5	<3	<3	181	1.30	.092	4	172	1.69	40	.24	8	1.78	.06	.26	<2	11	-
RRE 205500	<1	130	<3	19	<.3	65	27	358	4.66	4	10	<2	6	52	<.5	<3	<3	177	1.26	.089	3	173	1.68	39	.23	8	1.73	.05	.25	<2	15	-
205501	2	344	<3	29	<.3	101	55	497	7.86	4	<8	<2	<2	32	<.5	<3	<3	227	1.40	.109	1	295	2.59	109	.29	11	2.36	.05	.44	2	22	4.69
205502	1	65	<3	23	<.3	112	31	377	5.81	3	<8	<2	<2	35	<.5	<3	<3	190	1.19	.097	1	347	2.73	122	.26	10	2.26	.06	.88	2	7	4.78
205503	1	270	<3	20	<.3	76	60	344	8.12	8	<8	<2	<2	90	<.5	<3	<3	247	1.29	.111	2	189	1.80	116	.30	16	2.11	.10	.63	<2	53	4.98
205504	2	224	<3	17	<.3	49	22	308	7.73	6	<8	<2	<2	69	<.5	<3	<3	253	1.73	.143	2	165	1.41	91	.27	16	1.98	.08	.42	2	81	5.05
205505	2	1299	5	63	<.3	48	43	526	11.21	9	<8	<2	<2	36	<.5	<3	<3	247	1.27	.112	2	132	1.82	71	.30	6	1.77	.05	.47	2	915	4.95
205506	<1	414	<3	60	<.3	40	28	582	9.73	<2	<8	<2	<2	44	<.5	<3	<3	257	1.82	.108	2	115	1.77	43	.28	8	2.02	.04	.19	<2	103	4.70
205507	1	178	<3	28	<.3	43	16	480	7.53	5	9	<2	<2	43	<.5	<3	<3	271	2.09	.129	2	123	1.67	44	.26	8	2.06	.04	.22	<2	44	4.77
205508	<1	102	7	69	<.3	55	26	841	11.83	5	<8	<2	<2	53	<.5	<3	<3	303	2.13	.136	1	162	2.47	65	.28	<3	2.25	.04	.21	2	16	4.99
205509	3	1090	14	153	<.3	72	118	1225	11.97	25	<8	<2	<2	87	.7	<3	<3	259	5.26	.140	1	101	2.02	30	.19	4	2.56	.03	.10	2	25	5.05
205510	6	317	4	37	<.3	44	77	539	9.39	15	<8	<2	<2	59	<.5	<3	<3	240	1.92	.129	2	98	1.57	51	.23	7	1.95	.05	.17	<2	44	4.92
STANDARD DS6/AU-R2	11	118	29	142	.3	24	10	710	2.75	22	<8	<2	3	40	5.8	5	5	54	.82	.079	13	181	.58	161	.08	17	1.81	.07	.15	3	606	-

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data 1 FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	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	Au** ppb	Sample kg
205511	2	169	3	35	<.3	40	80	596	11.00	3	12	<2	<2	46	<.5	<3	<3	290	2.02	.193	6	87	2.08	146	.29	9	2.31	.04	.31	<2	7	4.98
205512	3	586	37	1834	1.5	46	151	1639	9.52	23	<8	<2	<2	100	7.9	<3	<3	248	3.62	.139	4	94	1.93	58	.20	13	2.38	.04	.14	<2	13	5.15
205513	3	128	15	524	<.3	38	52	1326	9.36	3	<8	<2	<2	46	3.6	<3	<3	270	3.50	.115	3	106	1.84	35	.25	14	2.67	.03	.10	<2	5	4.45
205514	2	380	7	44	<.3	46	83	516	9.40	6	13	<2	<2	77	<.5	<3	<3	265	2.21	.137	3	82	1.43	76	.27	13	1.99	.06	.22	<2	7	5.79
205515	2	712	13	88	<.3	63	205	925	11.14	6	<8	<2	<2	75	<.5	<3	<3	207	3.81	.103	2	87	1.56	19	.15	10	2.23	.03	.06	<2	23	3.88
205516	1	226	3	23	<.3	39	65	472	8.69	5	<8	<2	<2	44	<.5	<3	<3	254	1.35	.130	3	123	1.40	64	.23	12	1.74	.06	.20	<2	9	5.02
205517	1	65	4	14	<.3	30	19	296	6.61	3	<8	<2	<2	54	<.5	<3	<3	240	2.00	.121	3	93	1.12	53	.22	17	1.86	.08	.24	<2	5	5.22
205518	1	130	<3	15	<.3	36	34	291	7.85	3	9	<2	<2	35	<.5	<3	<3	244	1.28	.108	2	97	1.18	45	.23	12	1.41	.07	.22	<2	5	5.18
205519	4	1945	6	22	<.3	134	460	332	14.17	37	14	<2	<2	46	<.5	<3	<3	170	.94	.085	2	82	1.09	38	.18	17	1.51	.07	.25	<2	51	4.43
205520	<1	176	<3	19	<.3	32	13	313	6.19	2	<8	<2	<2	36	<.5	<3	<3	246	1.30	.099	3	84	1.29	46	.27	12	1.56	.09	.46	<2	33	4.77
205521	2	105	6	17	<.3	31	8	301	5.74	<2	10	<2	<2	47	<.5	<3	<3	236	1.22	.102	3	83	1.27	35	.27	8	1.52	.07	.45	<2	20	5.10
205522	1	239	<3	15	<.3	30	9	302	6.58	6	<8	<2	<2	67	<.5	<3	<3	242	1.44	.104	3	95	1.07	21	.24	14	1.48	.07	.21	<2	35	4.02
205523	80	146	6	76	.3	34	35	681	7.41	19	<8	<2	<2	56	<.5	<3	<3	216	3.49	.104	2	96	1.50	23	.19	15	1.92	.05	.12	<2	9	5.05
205524	2	1078	10	158	.7	103	172	1048	12.80	47	10	<2	<2	109	1.1	<3	<3	219	5.30	.084	2	95	1.93	27	.16	17	2.22	.02	.09	<2	12	4.60
205525	1	523	13	183	.4	44	71	2525	9.99	28	<8	<2	<2	107	<.5	<3	<3	165	5.72	.099	3	86	2.45	26	.11	13	2.63	.01	.17	<2	5	5.48
205526	2	96	12	256	<.3	39	40	3305	10.59	6	<8	<2	<2	89	.5	<3	<3	171	6.03	.153	4	86	3.13	36	.10	13	3.32	.01	.28	<2	4	4.82
205527	323	2214	8	480	.5	58	88	5173	15.09	36	<8	<2	<2	58	1.0	<3	<3	233	4.43	.091	2	144	4.12	9	.12	12	4.80	.01	.08	<2	13	4.45
205528	2	124	4	28	<.3	41	24	572	8.21	3	<8	<2	<2	46	.5	<3	<3	263	1.61	.105	3	121	1.63	30	.28	12	1.82	.06	.18	<2	8	4.60
205529	3	82	3	22	<.3	37	17	427	6.90	2	10	<2	<2	34	<.5	<3	<3	250	1.52	.105	2	106	1.62	31	.30	11	1.82	.06	.30	<2	7	4.55
205530	3	97	<3	17	<.3	39	18	356	7.12	4	10	<2	<2	40	<.5	<3	<3	244	1.49	.103	3	116	1.43	33	.27	12	1.70	.07	.27	<2	6	4.75
RE 205530	1	96	<3	18	<.3	38	18	354	7.06	4	<8	<2	<2	40	<.5	<3	<3	240	1.47	.102	2	114	1.41	33	.27	10	1.68	.07	.27	<2	11	-
RRE 205530	1	98	<3	18	<.3	39	17	343	6.95	3	<8	<2	<2	41	<.5	<3	<3	238	1.39	.102	2	114	1.43	31	.28	10	1.64	.06	.28	<2	33	-
205531	39	156	3	18	<.3	35	23	320	6.47	6	<8	<2	<2	36	<.5	<3	<3	216	1.68	.121	3	100	1.29	29	.24	11	1.62	.06	.20	<2	4	4.42
205532	412	137	<3	18	<.3	33	22	350	5.75	4	<8	<2	<2	46	<.5	<3	<3	211	1.72	.112	3	98	1.36	27	.25	11	1.69	.07	.21	2	10	4.98
205533	4	101	<3	20	<.3	35	13	369	6.44	4	<8	<2	<2	46	<.5	<3	<3	236	1.25	.101	2	100	1.32	22	.26	11	1.49	.06	.19	<2	14	4.80
205534	2	245	42	105	<.3	45	27	488	5.97	2	<8	<2	<2	34	.6	<3	<3	206	1.75	.101	2	104	1.48	26	.24	11	1.82	.05	.21	<2	16	5.01
205535	3	75	4	24	<.3	37	15	442	6.02	4	<8	<2	<2	65	<.5	<3	<3	238	2.01	.106	3	96	1.54	24	.29	13	2.04	.07	.18	<2	9	4.25
205536	<1	142	43	83	<.3	39	17	515	6.69	4	<8	<2	<2	39	.8	<3	<3	245	1.78	.101	3	93	1.59	33	.29	12	1.92	.07	.25	<2	18	4.90
205537	1	145	5	57	<.3	46	22	445	8.03	11	<8	<2	<2	35	.5	<3	<3	250	1.92	.102	2	126	1.71	35	.30	12	2.12	.03	.23	<2	6	4.79
205538	2	412	9	112	.3	67	49	412	9.21	6	<8	<2	<2	77	.8	<3	<3	238	1.24	.103	2	136	1.59	43	.27	13	1.59	.07	.33	<2	20	4.59
205539	2	117	<3	21	<.3	43	20	374	8.42	5	<8	<2	<2	31	<.5	<3	<3	225	1.13	.098	2	113	1.58	44	.27	13	1.50	.05	.26	<2	8	4.60
205540	2	138	<3	29	<.3	52	24	372	10.23	7	10	<2	<2	70	<.5	<3	<3	230	1.00	.099	2	116	1.52	59	.25	14	1.35	.04	.37	<2	16	4.85
205541	2	66	<3	16	<.3	36	18	308	6.31	3	<8	<2	<2	48	<.5	<3	<3	209	1.26	.100	2	99	1.23	41	.23	12	1.41	.07	.38	<2	6	4.40
STANDARD DS6/AU-R2	11	125	30	141	<.3	24	10	702	2.87	21	<8	<2	3	38	6.0	5	<3	56	.85	.077	14	191	.60	167	.08	16	1.87	.08	.16	2	608	-

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data f FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	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	Au** ppb	Sample kg
205542	3	55	<3	18	<.3	39	18	300	7.38	3	<8	<2	2	47	<.5	<3	<3	214	1.09	.106	2	102	1.09	44	.22	10	1.35	.06	.24	<2	4	4.71
205543	4	188	4	47	<.3	48	36	355	6.99	10	<8	<2	<2	42	<.5	<3	<3	195	1.43	.106	2	99	.98	21	.17	12	1.48	.04	.13	<2	6	4.41
205544	102	108	3	22	<.3	39	27	297	6.66	6	<8	<2	<2	121	<.5	<3	<3	211	1.65	.111	2	102	.97	40	.19	13	1.81	.09	.19	4	7	4.70
205545	4	85	6	21	<.3	48	15	347	7.13	9	<8	<2	<2	34	<.5	<3	<3	225	1.85	.107	2	141	1.25	37	.21	14	2.05	.05	.17	<2	5	5.08
205546	<1	48	11	35	<.3	23	28	367	5.04	10	<8	<2	3	34	<.5	<3	3	174	2.00	.103	3	91	.64	22	.10	14	1.58	.02	.13	<2	10	4.45
205547	6	733	24	69	.7	103	426	687	9.60	120	<8	<2	<2	102	<.5	<3	<3	125	3.36	.096	2	77	1.05	20	.09	14	1.61	.02	.09	<2	51	4.10
205548	2	113	<3	24	<.3	41	25	276	6.81	8	<8	<2	<2	30	<.5	<3	<3	206	1.28	.097	1	115	1.04	35	.20	6	1.47	.04	.21	<2	10	4.80
205549	10	81	<3	57	<.3	39	14	1096	7.77	8	<8	<2	<2	24	<.5	<3	<3	238	1.60	.106	2	126	1.54	27	.23	11	1.82	.04	.14	<2	5	4.85
205550	<1	178	<3	17	<.3	35	9	296	6.69	2	<8	<2	<2	26	<.5	<3	<3	221	.87	.110	2	105	1.22	30	.24	6	1.29	.05	.37	<2	35	4.65
205551	2	318	5	176	<.3	39	22	2728	7.99	8	<8	<2	2	32	<.5	<3	<3	202	1.97	.106	2	119	1.71	23	.15	10	2.22	.03	.15	<2	23	4.70
205552	2	762	4	94	.5	39	16	1284	7.29	9	<8	<2	2	43	<.5	<3	<3	205	1.46	.104	2	121	1.37	20	.16	10	1.62	.03	.11	<2	31	4.90
RE 205552	2	788	3	91	.4	40	17	1307	7.33	12	<8	<2	<2	46	<.5	<3	<3	206	1.49	.107	2	121	1.40	21	.16	8	1.69	.04	.11	<2	31	-
RRE 205552	3	736	<3	90	.6	40	16	1329	7.27	11	<8	<2	<2	44	<.5	<3	<3	204	1.50	.106	2	121	1.39	19	.16	7	1.68	.03	.10	<2	28	-
205553	1	91	3	48	.3	57	12	545	5.65	8	<8	<2	2	54	<.5	<3	<3	191	1.39	.106	2	165	1.87	15	.22	14	1.74	.03	.12	<2	7	5.87
205554	<1	24	6	45	<.3	99	9	414	4.89	4	<8	<2	<2	96	<.5	<3	<3	167	1.11	.109	2	268	2.30	22	.22	7	1.96	.03	.33	<2	18	4.88
205555	<1	216	<3	51	.5	47	19	487	5.30	13	<8	2	<2	49	.5	3	<3	185	1.18	.110	2	114	1.51	19	.20	12	1.44	.04	.19	<2	10	4.35
205556	2	56	<3	101	<.3	60	14	1519	7.36	3	<8	<2	<2	65	<.5	<3	<3	220	2.47	.105	2	157	2.54	13	.21	13	2.36	.03	.09	<2	2	4.70
205557	14	89	3	98	<.3	68	15	1437	7.40	5	<8	<2	<2	52	<.5	<3	<3	223	2.71	.103	2	181	2.73	11	.23	9	2.53	.02	.09	2	3	4.51
205558	<1	394	<3	69	<.3	85	36	819	7.51	38	<8	<2	<2	54	<.5	<3	<3	221	1.77	.110	2	120	2.05	17	.21	7	1.81	.03	.08	<2	6	3.90
205559 PULP	19	6041	7	65	1.5	704	23	895	8.42	12	<8	<2	2	91	.6	<3	<3	49	1.83	.075	4	1038	.76	50	<.01	17	.73	.04	.36	2	526	-
205560 PULP	20	6199	9	65	1.0	705	23	916	8.66	12	<8	<2	<2	94	<.5	<3	<3	51	1.87	.077	4	1045	.78	51	<.01	12	.73	.04	.37	<2	544	-
STANDARD DS6/AU-R2	11	120	28	137	<.3	24	10	713	2.71	22	<8	<2	2	36	5.8	4	5	53	.80	.078	13	183	.55	158	.07	17	1.88	.07	.13	2	594	-

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ___ FA ___

From ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716 @ CSV TEXT FORMAT
To Lysander Gold Corporation
Acme file # A405596R2 Received: NOV 23 2004 • 1 samples in this disk file.

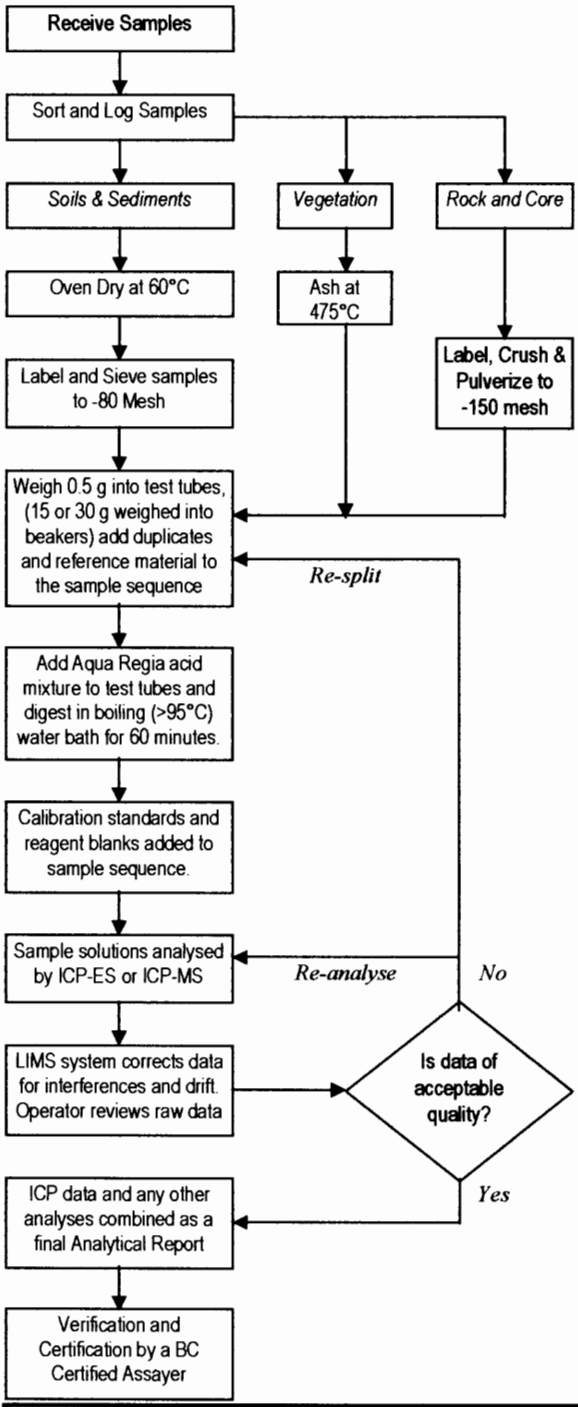
ELEMENT	FeO
SAMPLES	%
205045	10.6

From ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716 @ CSV TEXT FORMAT
To Lysander Gold Corporation PROJECT CAT
Acme file # A405999R2 Received: NOV 23 2004 * 2 samples in this disk file.

ELEMENT	FeO
SAMPLES	%
205153	10.14
205187	15.05

METHODS AND SPECIFICATIONS FOR ANALYTICAL PACKAGE GROUP 1D & 1DX – ICP & ICP-MS ANALYSIS – AQUA REGIA

Analytical Process



Comments

Sample Preparation

All samples are dried at 60°C. Soil and sediment are sieved to -80 mesh (-177 μm). Moss-mats are disaggregated then sieved to yield -80 mesh sediment. Vegetation is pulverized or ashed (475°C). Rock and drill core is jaw crushed to 70% passing 10 mesh (2 mm), a 250 g riffle split is then pulverized to 95% passing 150 mesh (100 μm) in a mild-steel ring-and-puck mill. Pulp splits of 0.5 g are weighed into test tubes, 15 and 30 g splits are weighed into beakers.

Sample Digestion

A modified Aqua Regia solution of equal parts concentrated ACS grade HCl and HNO_3 and de-mineralised H_2O is added to each sample to leach for one hour in a hot water bath (>95°C). After cooling the solution is made up to final volume with 5% HCl. Sample weight to solution volume is 1 g per 20 mL.

Sample Analysis

Group 1D: solutions aspirated into a Jarrel Ash AtomComp 800 or 975 ICP emission spectrometer are analysed for 30 elements: Ag, Al, As, Au, B, Ba, Bi, Ca, Cd, Co, Cr, Cu, Fe, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Sr, Th, Ti, U, V, W, Zn.

Group 1DX: solutions aspirated into a Perkin Elmer Elan6000 ICP mass spectrometer are analysed for 36 elements: Ag, Al, As, Au, B, Ba, Bi, Ca, Cd, Co, Cr, Cu, Fe, *Ga*, *Hg*, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, *S*, Sb, *Sc*, *Se*, *Tl*, Sr, Th, Ti, U, V, W, Zn.

Quality Control and Data Verification

An Analytical Batch (1 page) comprises 34 samples. QA/QC protocol incorporates a sample-prep blank (SI or G-1) carried through all stages of preparation and analysis as the first sample, a pulp duplicate to monitor analytical precision, a -10 mesh rejects duplicate to monitor sub-sampling variation (drill core only), two reagent blanks to measure background and aliquots of in-house Standard Reference Materials like STD DS5 to monitor accuracy.

Raw and final data undergo a final verification by a British Columbia Certified Assayer who signs the Analytical Report before it is released to the client. Chief Assayer is Clarence Leong, other certified assayers are Leo Arciaga, Marcus Lau, Ken Kwok, Dean Toye and Jacky Wang.

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APPENDIX III

PETROGRAPHIC REPORT BY VANCOUVER PETROGRAPHICS LTD.

Sample Number Indicates Hole No. and Metres

(Also Noted in Drill Logs)

[1] 04-8-46 K-feldspar-altered intrusive
Summary Description

Altered medium grained rock consisting of K-feldspar, amphibole and magnetite, cut by an irregular K-feldspar + (later) prehnite vein. K-feldspar has replaced most of the rock, with the exception of the abundant opaques and patches of amphibole, probably representing pseudomorphs after mafic phenocrysts. The original rock seems to have had a hypidiomorphic granular, possibly porphyritic texture (intrusive).

Microscopic Description
Transmitted Light

K-feldspar; 55-60%, anhedral to subhedral (0.05 to 3 mm). Interlocking, throughout section, as well as in a coarser irregular vein cutting the sample. At least some of the K-feldspar in the wall rock appears to have replaced other feldspars (plagioclase).

Amphibole (hornblende); 30-35%, anhedral to subhedral (0.1 to ~2 mm). Mostly irregular aggregates of dark green pleochroic amphibole. At least some of this appears to form pseudomorphs after an unknown mineral, suggesting that the amphibole may be secondary or recrystallized.

Plagioclase (altered, replaced); <10% remaining, subhedral to euhedral (0.2 to 2 mm). A few recognizable plagioclase crystals are generally elongate, tabular, showing vague albite twinning. The plagioclase appears to have largely been replaced by K-feldspar.

Prehnite; 5-7%, anhedral to subhedral (0.01 to 0.5 mm). Mostly radiating sheaf-like aggregates in late veining. In narrow cross cutting late veins and also found in patches in the centre of the K-feldspar vein.

Quartz; traces+, anhedral (0.1 to 0.5 mm). Found with prehnite in the centre of the K-feldspar vein.

Epidote; traces, anhedral (0.1 to 0.5 mm). Minor, found with opaques and prehnite.

Opaques; 7-10%, anhedral to subhedral (0.01 to several mm). Abundantly disseminated throughout the wall rock. The sample is strongly magnetic and the sample is dark. Opaques are probably mostly magnetite.

[2] 04-8-273 Intermediate intrusive with pervasive K-spar

Summary Description

Fine grained hypidiomorphic-granular textured rock dominated by K-feldspar, including much K-feldspar replacement. Many euhedral and subhedral crystals appear to have originally been plagioclase, now replaced or partially replaced by K-spar.

The section contains many narrow (<0.2 mm). irregular, discontinuous prehnite and carbonate veinlets, and scattered interstitial aggregates of prehnite, epidote and chlorite.

Microscopic Description
Transmitted Light

K-feldspar; 75-80%, subhedral to anhedral (0.05 to 2 mm). Interlocking, dusted with very fine clay alteration. Much replacement of plagioclase by K-feldspar appears to have occurred, where vestiges of albite twinning are observed.

Plagioclase; 15-20%, originally more abundant, subhedral to euhedral (0.2 to ~3 mm). In portions of the sample (bands between vein/fracture introduced alteration), some plagioclase has escaped replacement by K-feldspar. The albite twinning is relatively distinct here. Estimate albite-oligoclase compositions.

Clays; ~5%(?) microcrystalline. Dusting of alteration in feldspar, giving is a turbid, dusty brown appearance in plane polarized light.

Chlorite; 3-5%, anhedral (<0.01 to 0.1 mm). A small (<0.5 mm). Irregular veinlet and as scattered small aggregates, mostly interstitial to the feldspar and commonly with some epidote.

Prehnite; ≤1%, anhedral to subhedral (0.01 to 0.3 mm). A few narrow discontinuous veinlets, commonly with carbonate.

Epidote; traces+, anhedral (<0.01 to 0.3 mm). As noted, found in scattered small aggregates with chlorite.

Carbonate; traces, anhedral (0.01 to 0.5 mm). In discontinuous veins, commonly with prehnite.

Zeolite; traces, subhedral (0.01 to 0.2 mm). A few narrow veins, <0.3 mm wide.

Sphene; traces, anhedral (0.1 to 0.5 mm). Sparse, associated with chlorite, epidote, opaques.

Opaques; <1%, subhedral (0.01 to 0.5 mm). Scattered equant grains. The sample is magnetic, but pyrite is also noted in the offcut.

[3] 04-8-60 Altered Fine Porphyry

Summary Description

Strongly altered rock, apparently originally having crowded plagioclase phenocrysts and sparser pyroxene phenocrysts. The nature of the original groundmass is masked by alteration, but is now dominated by K-feldspar and altered-looking biotite. The pyroxene phenocrysts have largely been replaced by amphibole, biotite and epidote, and the plagioclase by microcrystalline material, probably epidote group mineral(s), possibly a mixture. Fine opaques are abundant and the sample is strongly magnetic. The rock could have originally been a basalt, diabase, possibly monzonite.

Microscopic Description
Transmitted Light

K-feldspar; 25-30%, anhedral (0.01 to 0.4 mm). Mainly found in groundmass. At least some introduced/replacement K-feldspar, in recognizable patches of pervasive groundmass replacement and a narrow vein.

Plagioclase (strongly altered); estimate originally >50%, possibly 20-30% remaining. Euhedral crowded tabular phenocrysts 1-2 mm long. Apparently most was originally plagioclase, but alteration is too strong for positive identification in most cases.

Plagioclase alteration; >20%(?), microcrystalline. Strong alteration of feldspar – The microcrystalline material is to fine for positive identification. Suspect mostly epidote group. Possibly a mixture.

Amphibole; 10-15%, anhedral (0.01 to 2 mm). Phenocrysts of green pleochroic amphibole – actinolite or hornblende. In some cases the amphibole is found replacing pyroxene, suggesting that the amphibole "phenocrysts" may be pseudomorphs.

Pyroxene; 7-10%, anhedral to euhedral (0.1 to 2 mm). Partly replaced. Remnants in phenocrysts being replaced by amphibole, biotite and epidote.

Epidote; 7-10%, anhedral (0.05 to 0.5 mm). Epidote appears to be replacing pyroxene (?) phenocrysts in part of the sample instead of the amphibole and in a few cases with amphibole. Minor narrow epidote veins.

Biotite; 3-5%, anhedral (0.01 to 0.2 mm). Mostly fine, in groundmass. Patches of biotite are found in the partly replaced pyroxene phenocrysts.

Opaques; 10-15%, anhedral to euhedral (<0.01 to 1 mm). Abundant, mostly very fine, with local concentrations in what appear to be altered feldspars . Sample is strongly magnetic

[4] 04-8-3284 Quartz Monzonite

Summary Description

Fine grained felsic porphyritic rock, dominated by K-feldspar with lesser plagioclase and quartz. Weakly porphyritic, with plagioclase phenocrysts. While there may have been some introduced or remobilized K-feldspar, the replacement of the plagioclase has not been as strong as in other samples of this suite. Mafic minerals (amphibole, chlorite, biotite, magnetite) probably make up approximately 10% of the sample.

Microscopic Description
Transmitted Light

K-feldspar; 65-70% anhedral to subhedral (0.05 to 1 mm). Mostly anhedral, interlocking. Commonly enclosing plagioclase crystals.

Plagioclase; 15-20%, subhedral to euhedral (0.1 to ~3 mm). Albite-oligoclase compositions estimated optically. Normal zoning with albite rims and in some cases K-feldspar overgrowths. Plagioclase has a very fine dusting of alteration – probably clays.

Quartz; 7-10%, anhedral (0.1 to 0.5 mm). Scattered quartz throughout, in many cases interstitial to the feldspar.

Amphibole (hornblende); 3-5%, anhedral (0.1 to 0.5 mm). Scattered small irregular grains and aggregates. Typically interstitial to the feldspars. The amphibole is dark green pleochroic. Probably hornblende.

Chlorite; 1-3%, anhedral (0.01 to 0.5 mm). Scattered ragged grains. At least some are after biotite.

Biotite; ≤1%, anhedral (0.1 to 1 mm). Ragged dark brown biotite. Partly altered to chlorite.

Sphene; traces, anhedral (0.01 to 0.3 mm). Sparsely scattered, commonly with the amphibole.

Epidote; traces, anhedral (0.01 to 0.1 mm). Very sparse, with amphibole.

Opaques; 1-3%, subhedral (0.05 to 0.5 mm). Equant grains. The sample is magnetic. Fairly abundant for a generally felsic rock.

[5] 04-8-45 K-feldspar Altered Fine Porphyry

Summary Description

Strongly altered fine porphyritic rock, with crowded feldspar phenocrysts in a groundmass of fine opaques, amphibole, biotite and anhedral K-feldspar. The original rock probably had abundant plagioclase phenocrysts, but these seem to have been altered to K-spar. Patches of amphibole suggest mafic phenocrysts. The original rock could have been a basalt or similar, more alkaline rock (trachyte), but the degree of alteration makes the determination difficult.

Microscopic Description
Transmitted Light

K-spar Phenocrysts; ~50%, euhedral to subhedral (0.3 to 2.5 mm). Mostly tabular crystals, dusted with fine clay alteration. Some of these appear to have originally been plagioclase, now replaced by the K-feldspar. Vague albite twinning is visible in some crystals, suggesting they were originally plagioclase.

Groundmass K-spar; ~10%, anhedral (0.01 to 0.3 mm). Anhedral, interlocking texture.

Plagioclase; estimate originally approximately 50%, euhedral (0.3 to 2.5 mm). At least some of the K-feldspar phenocrysts may have originally been plagioclase, replaced by K-feldspar. Vague albite twinning is noted in some crystals.

Amphibole (hornblende); 20-25%, anhedral (0.01 to 1 mm). Irregular aggregates of dark green pleochroic amphibole. Fine in groundmass, coarser aggregates form phenocrysts, or pseudomorphs after phenocrysts. At least some of the amphibole appears to be replacing clinopyroxene.

Prehnite; 7-10%, anhedral (0.01 to 0.8 mm). A 4 mm wide vein cuts the section, in addition to several subparallel 0.1 mm veins at a high angle to the larger one.

Biotite; 5-7%, anhedral (0.01 to 0.5 mm). Fine biotite is fairly abundant in the groundmass, and also forms ragged coarser grains associated with amphibole pseudomorphs.

Clinopyroxene; 3-5%, anhedral remnants (0.1 to 1 mm). A few remnants in amphibole ±biotite pseudomorphs.

Carbonate; traces, anhedral (0.01 to 0.5 mm). A few narrow carbonate veins, minor carbonate in prehnite veins.

Opaques; 5-7%, subhedral (0.01 to 0.5 mm). Abundant fine, roughly equant grains, mainly in the groundmass. The sample is magnetic.

[6] 04-8-24 Altered Fine Porphyritic rock
Summary Description

Porphyritic rock with crowded plagioclase phenocrysts and sparser amphibole phenocrysts (or pseudomorphs) in a groundmass of plagioclase, amphibole, biotite, opaques and K-feldspar. The rock could have originally been a basalt/diabase or more alkaline rock (monzodiorite, monzonite, etc.). An irregular K-spar vein cuts across the section, and distribution of the K-feldspar is not even in the groundmass, suggesting that it is introduced or remobilized.

Microscopic Description
Transmitted Light

Plagioclase phenocrysts (strongly altered); 60-65%, euhedral (0.2 to 2 mm). Crowded, euhedral, strongly altered feldspar phenocrysts. These appear to be plagioclase and the microcrystalline alteration is unidentified, but could be a mixture contalning epidote or clinozoisite. Vague albite twinning is still visible in a few cases.

Amphibole (hornblende); 20-25%, anhedral (0.01 to 2 mm). Dark green pleochroic amphibole forms large patches, probably representing amphibole phenocrysts, or possibly pseudomorphs (after pyroxene?). Fine amphibole is also found in the groundmass, interstitial to the feldspar phenocrysts.

Microcrystalline Feldspar alteration; >10%(?) microcrystalline. Strong microcrystalline alteration of plagioclase is probably an epidote mineral, possibly a mixture. Too fine for reliable identification.

K-feldspar; 7-10%, anhedral (0.01 to ~5mm). In an irregular vein and forming an irregular envelope around the prehnite-carbonate veins. Also found in groundmass and scattered replacement patches. One possible phenocryst several mm long noted.

Biotite; 3-5%, anhedral (0.01 to 0.2 mm). Mostly very fine, in the groundmass.
Prehnite; traces+, anhedral (0.01 to 0.5 mm). A few narrow, <0.5 mm, irregular veins.

Prehnite; 1-3%, anhedral (0.01 to 0.5 mm). In narrow (<0.3 mm) veins and a few small scattered patches.

Epidote; traces, anhedral (<0.01 to 0.4 mm). Minor, found with the amphibole.

Carbonate; traces, anhedral (0.01 to 0.5 mm). Fairly sparse, in veins with the prehnite.

Opaques; 5-7%, subhedral (0.01 to 1 mm). Abundant fine opaques, mainly in groundmass and in or surrounding the amphibole. Mostly equant grains, the sample is magnetic.

[7] 8-127 Fine Porphyritic Monzonite

Summary Description

Porphyritic rock with plagioclase phenocrysts in a groundmass dominated by K-feldspar. Mafic minerals consist of amphibole, chlorite, biotite, epidote and opaques, mainly in the groundmass. Suspect that there has been some introduction/remobilization of K-feldspar, so the name "monzonite" could, but does not necessarily, indicate original composition. Also, if originally volcanic, the groundmass textures could have been obscured.

Microscopic Description
Transmitted Light

K-feldspar; 65-70%, anhedral (0.05 to 1 mm). Fine grained anhedral interlocking turbid K-feldspar. Dusted with fine clay alteration. Concentrated mainly in abundant potassic groundmass, but there has been some replacement of plagioclase phenocrysts

Plagioclase (altered); 15-20%, euhedral to subhedral (0.2 to 4 mm). Pagioclase apparently occurs mainly as phenocrysts, although there may have been plagioclase in the groundmass originally as well. The plagioclase has a dusty altered appearance. Some replacement by the K-feldspar.

Amphibole (hornblende or actinolite); 10-15%, anhedral (0.01 to 0.5 mm). Ragged green pleochroic amphibole is scattered through the groundmass and possibly replacing some sparse mafic phenocrysts.

Biotite; ≤1%, anhedral (0.1 to 0.2 mm). Ragged biotite found with/in the amphibole. Some alteration to chlorite.

Clays in feldspar; 5-10% (?) microcrystalline. Both K-feldspar and plagioclase are turbid, with a dusty appearance, presumably attributable to fine clay alteration.

Epidote; <1%, anhedral (0.01 to 0.2 mm). Scattered small aggregates. Commonly with amphibole.

Opaques; 2-3%, anhedral to subhedral the sample is magnetic

Sphene; traces+, anhedral (0.01 to 0.2 mm). Scattered irregular aggregates and grains, found mainly with other mafic minerals.

Carbonate; trace, anhedral (0.1 mm). Very sparse – a single grain noted.

Chlorite; traces, anhedral (<0.01 to 0.2 mm). Alteration of biotite. Commonly with the amphibole.

Apatite; traces, subhedral (0.2 to 0.4 mm). Very sparsely scattered apatite crystals.

[8] 04-8-322 Altered fine intermediate to mafic intrusive

Summary Description

Altered rock consisting of green amphibole, strongly altered plagioclase, biotite and abundant magnetite. Original texture has been obscured, but appears to be that of a fine grained intrusive rock. Possibly a diabase, if the amphibole is reflecting an original subophitic texture. Some remnants of clinopyroxene are noted in the amphibole, presumably representing an original phase. As with other samples of this suite, there has been some introduction of K-feldspar, but this is relatively minor.

Microscopic Description
Transmitted Light

Amphibole (hornblende/actinolite); 33-38%, anhedral to euhedral (0.01 to 3 mm). green pleochroic amphibole forms mostly aggregates 1-2 mm in diameter, and containing abundant opaques. Possibly forming pseudomorphs after pyroxene phenocrysts, as a few remnants of clinopyroxene are noted, apparently replaced by the amphibole.

Plagioclase (strongly altered); 30-35%, anhedral to subhedral (pseudomorphs 0.1 to ~2 mm). Strongly altered with fine clays, sericite, possibly prehnite. Some K-spar.

Biotite; 15-20%, anhedral (0.01 to 2 mm). Dark to pale brown ragged, altered-looking biotite is intergrown with the amphibole. Finer biotite is found in what may have originally been groundmass in a porphyritic rock.

Opaques; 7-10%, anhedral to euhedral (0.01 to 1 mm) Abundant, scattered throughout the section, with many fine grains enclosed in the amphibole. The sample is strongly magnetic.

K-feldspar; 3-5%, anhedral (0.01 to 0.5 m). Scattered, generally weak replacement of plagioclase.

Clinopyroxene; 3-5%, anhedral (0.01 to 0.1 mm). Ragged patches of clinopyroxene, apparently altering to the dark green amphibole.

Epidote; ≤1%, anhedral (0.01 to 0.2 mm). Scattered, mostly small grains.

Sphene; <0.5%, anhedral (<0.01 to 0.1 mm). Small aggregates in biotite.

[9] No Number K-feldspar altered intrusive

Summary Description

Medium grained intermediate intrusive dominated by K-feldspar. Seems to have had hypidiomorphic-granular (intrusive) texture originally, but this is overprinted by K-feldspar. Plagioclase is present and would have originally been more abundant. Amphibole appears to replace pyroxene, at least in part. K-feldspar veining and variation in abundance and coarseness is best seen in the hand sample

Microscopic Description
Transmitted Light

K-feldspar; 70-75%, anhedral (0.1 to >1cm) Coarse, irregular, anhedral interlocking, commonly microperthitic K-feldspar. Much of the K-feldspar is coarse, and has partly replaced the plagioclase.

Plagioclase (strongly altered); 15-20%, subhedral (0.05 to 4 mm). Strongly altered to microcrystalline clay/sericite and with some replacement by K-feldspar.

Amphibole (hornblende); 7-10%, anhedral to subhedral (0.1 to 3 mm). Dark green pleochroic amphibole. Much of this appears to be replacing clinopyroxene.

Chlorite; 2-3%, anhedral (0.01 to 1 mm). Found mainly in irregular aggregates with epidote, possibly pseudomorphs. Commonly surrounding magnetite.

Quartz; 2-3%, anhedral (0.01 to 3 mm). Scattered irregular grains and aggregates. Interlocking with and interstitial to feldapars. Minor quartz forms intergrowths with K-feldspar.

Biotite; traces, anhedral (0.5 to 1 mm). A few ragged flakes of dark brown biotite, partly altered to chlorite.

Epidote; 1-3% narrow veins and small patches associated with chlorite

Clay/sericite; strong alteration of plagioclase feldspar, as noted. Not clear whether the alteration is sericite or illite or some mixture of minerals.

Pyroxene remnants; 2-3%, anhedral (0.01 to ~2 mm). Altered, surrounded by replacing dark green amphibole.

Apatite; traces, subhedral (0.1 to 0.5 mm). Scattered prismatic accessory apatite.

Sphene; trace, subhedral (1.8 mm). A single crystal is noted.

Opaques; 2-3%, subhedral (0.1 to 2 mm). Offcuts indicate these are mostly magnetite. The sample attracts a magnet.

Photomicrographs

Scale: long axis is approximately 2 mm in each photo.

1 – Green amphibole and dusty brown K-feldspar (plane polarized light)

2A,B – K-feldspar is replacing plagioclase (plane polarized light and crossed nicols)

3 – Abundant fine magnetite (plane polarized light)

4A,B – Plagiolase (zoned), K-feldspar and quartz (plane polarized light and crossed nicols)

5 – K-feldspar after plagioclase in fine groundmass (plane polarized light)

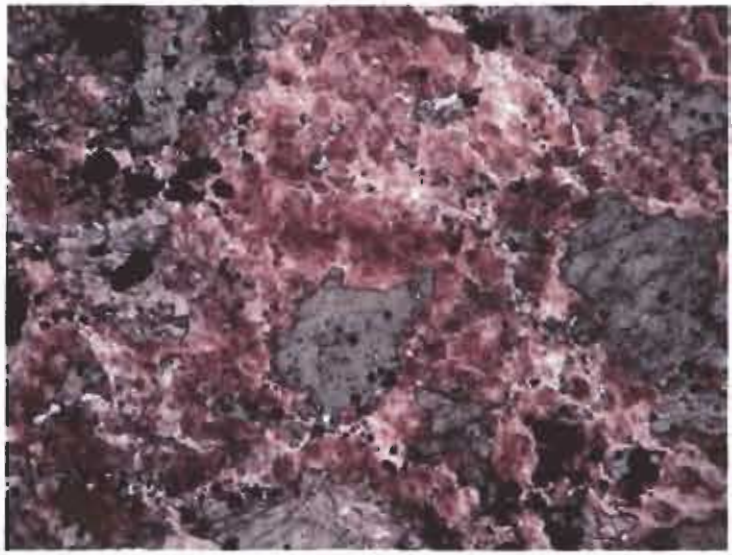
6A,B – Altered plagioclase in amphibole-rich groundmass (plane polarized light and crossed nicols)

7A,B – Plagioclase phenocryst, K-spar groundmass (plane polarized light and crossed nicols)

8A,B – Amphibole, biotite, altered feldspar (plane polarized light and crossed nicols)

9A,B – Amphibole replacing clinopyroxene (plane polarized light and crossed nicols)

1



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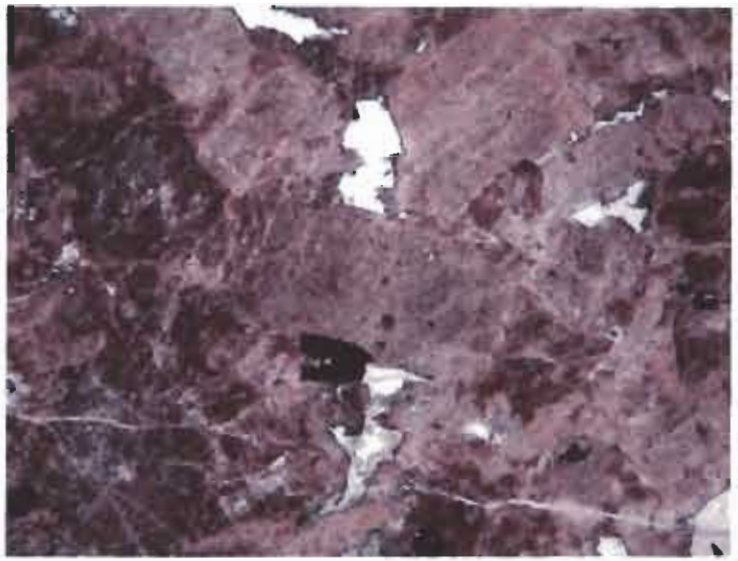

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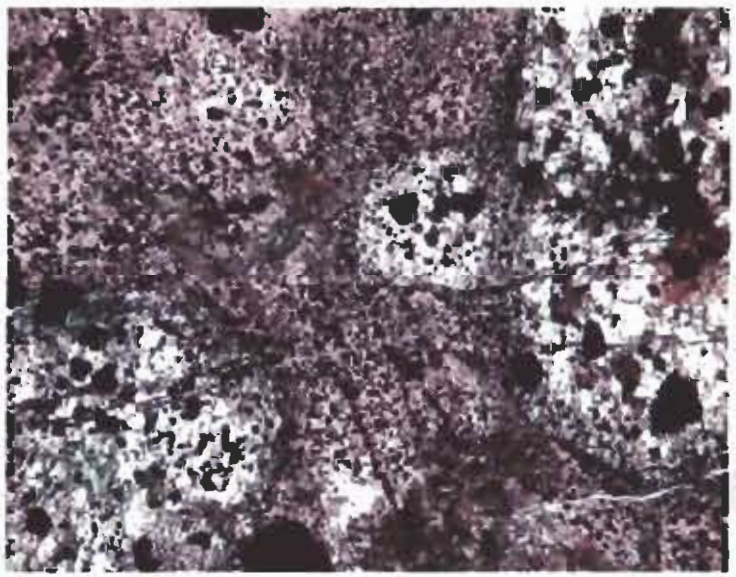

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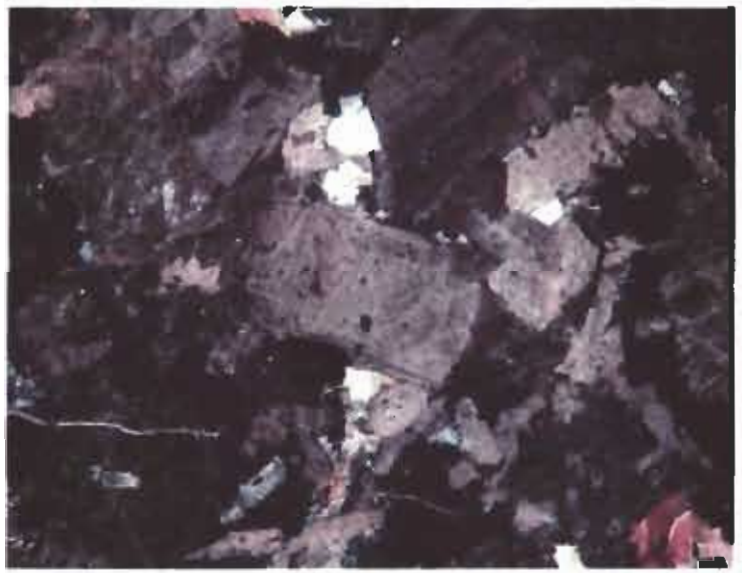
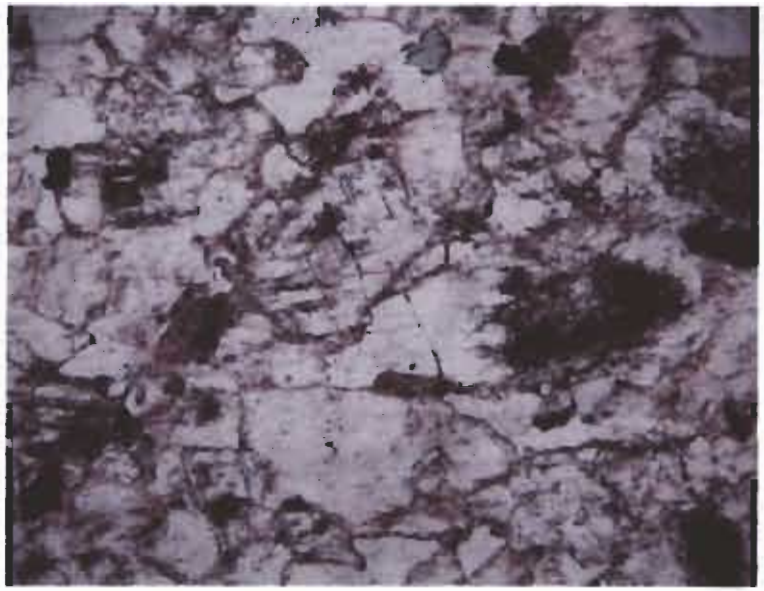
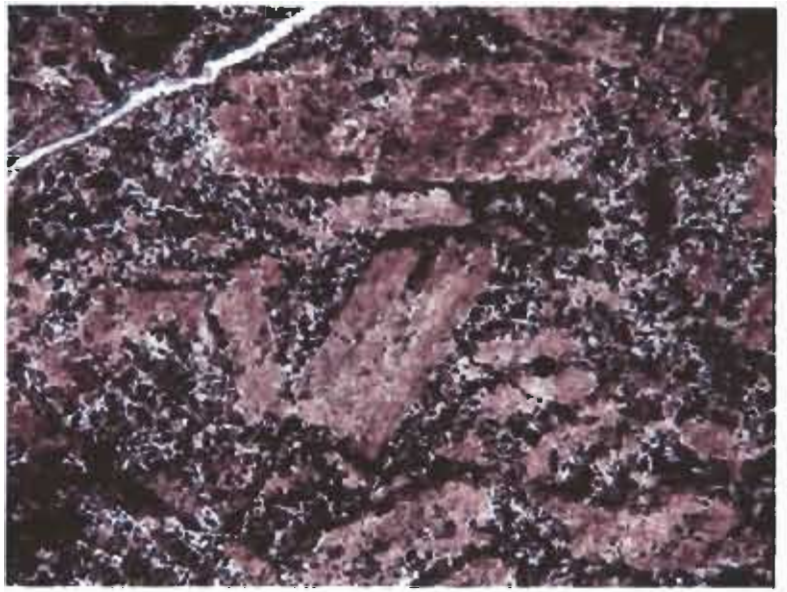




4A

4B



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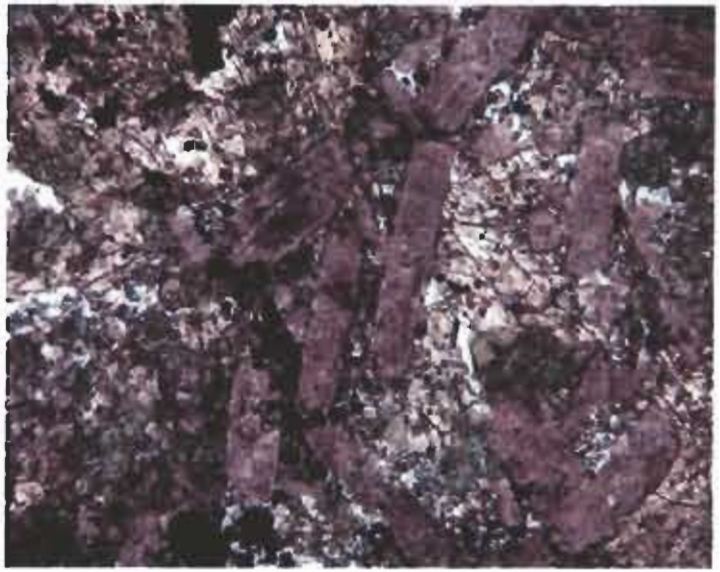
6A



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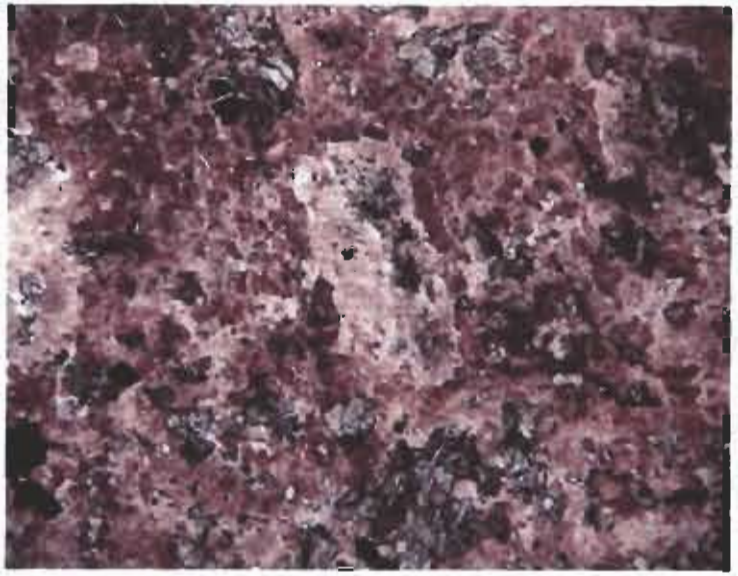

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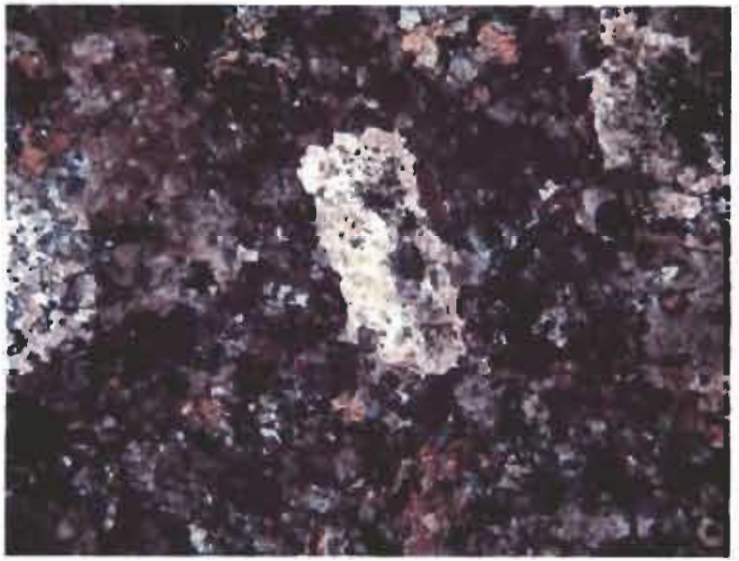
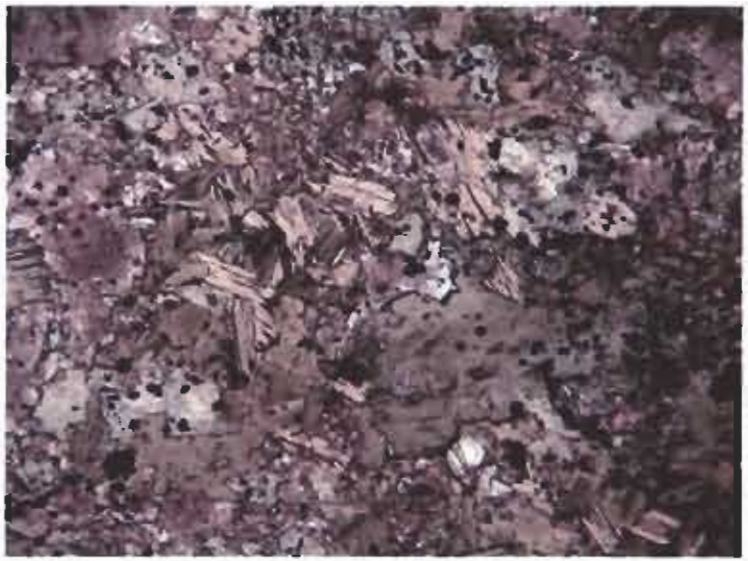
7B





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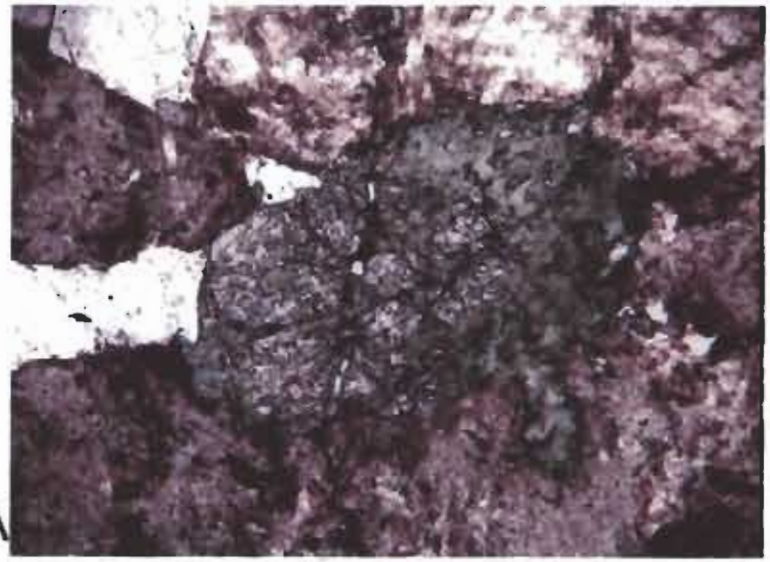

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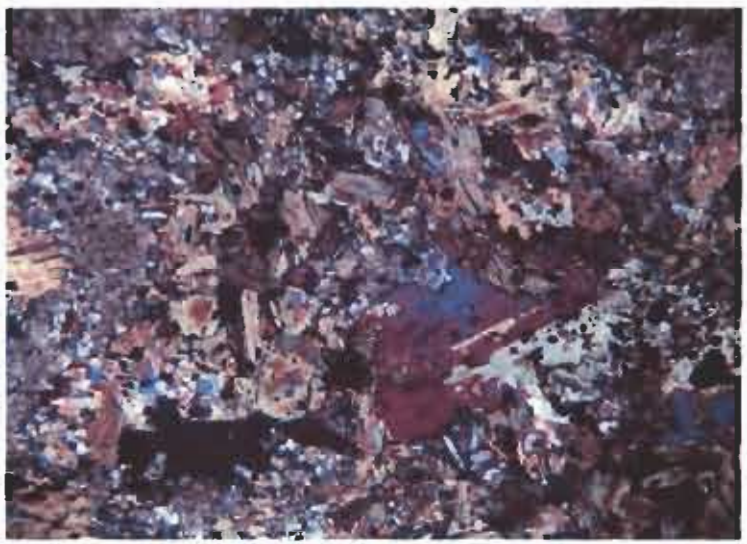

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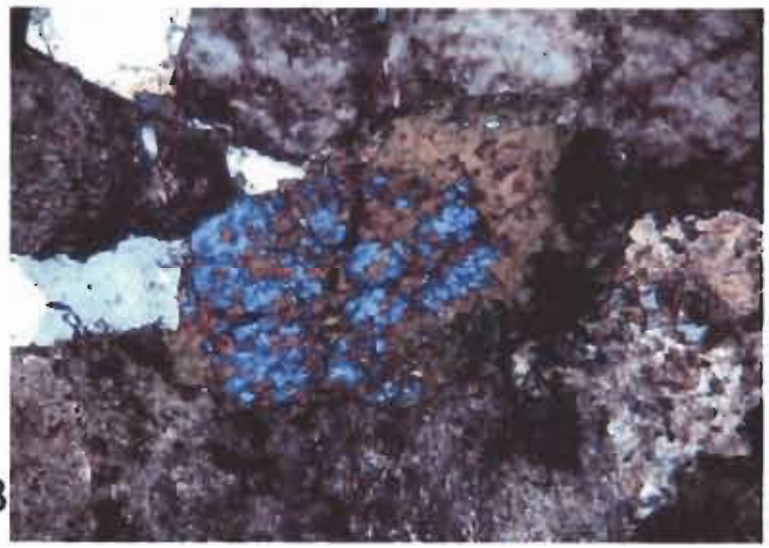


9B

352450E 6215250N 6215300N 6215350N 6215400N

Section-1

89-01

04-08

6215250N 6215300N 6215350N 352450E 6215400N

1700 el.

Section Looking West-Southwest

1650 el.

1600 el.

1550 el.

1500 el.

1450 el.

1400 el.

1350 el.

1300 el.

1250 el.

1200 el.

1150 el.

89-01

04-08

0 13 25 38 50

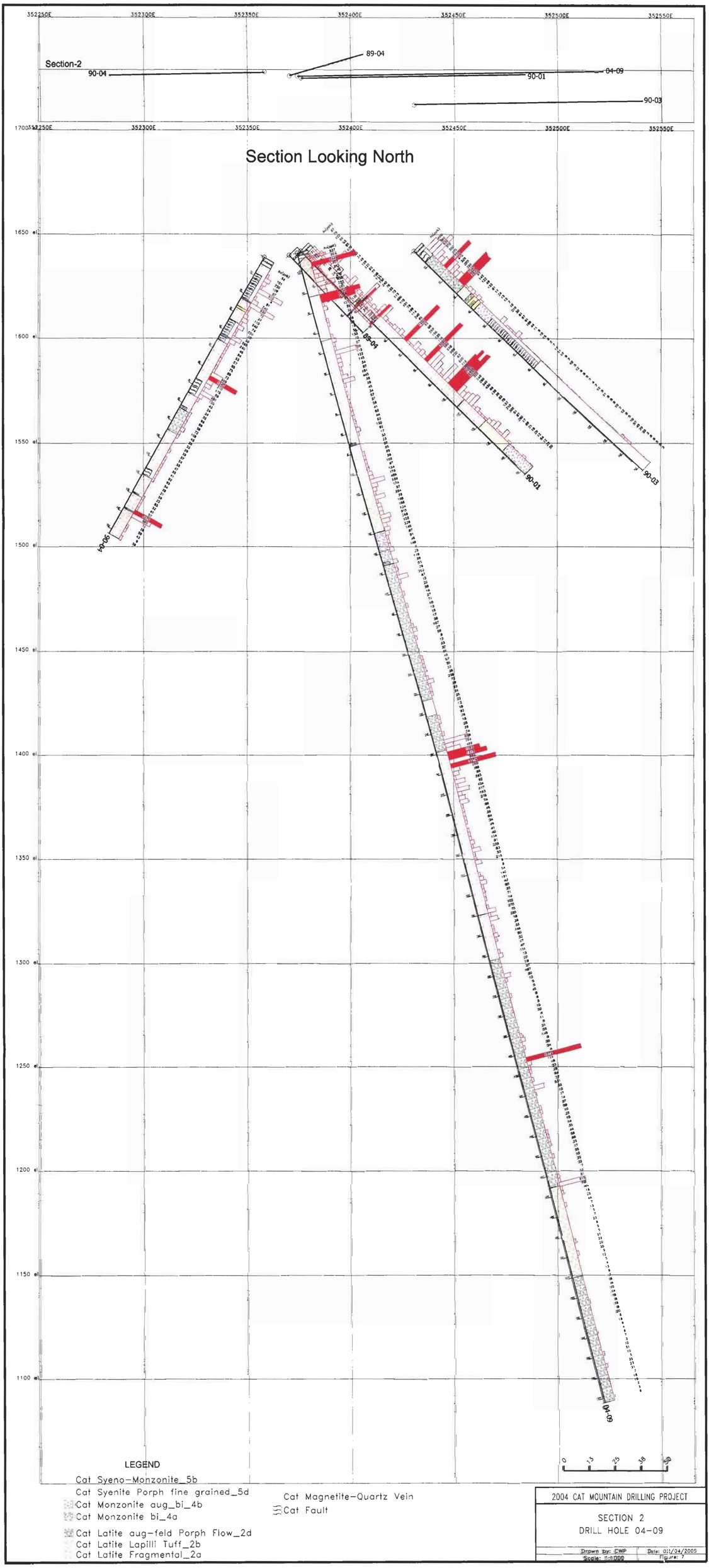
LEGEND

- Cat Syenite Porph fine grained_5d
- Cat Monzonite bi_4a
- Cat Latite Lapilli Tuff_2b
- Cat Ash Tuff and Silstone_2c2
- Cat Latite aug-feld Porph Flow_2d
- Cat Magnetite-Quartz Vein
- Cat Fault

2004 CAT MOUNTAIN DRILLING PROJECT

SECTION 1
DRILL HOLE 04-08

Drawn by: CGWP | Date: 02/04/2005
Scale: 1:1000 | Figure: 56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352400E
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Section-2
90-04
89-04
90-01
04-09
90-03
Section Looking North
1700
1650
1600
1550
1500
1450
1400
1350
1300
1250
1200
1150
1100
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38
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LEGEND
Cat Syeno-Monzonite_5b
Cat Syenite Porph fine grained_5d
Cat Monzonite aug_bi_4b
Cat Monzonite bi_4a
Cat Latite aug-feld Porph Flow_2d
Cat Latite Lapilli Tuff_2b
Cat Latite Fragmental_2a
Cat Magnetite-Quartz Vein
Cat Fault
2004 CAT MOUNTAIN DRILLING PROJECT
SECTION 2
DRILL HOLE 04-09
Drawn by: CWP
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Date: 01/04/2005
Figure: 7