FOX GEOLOGICAL SERVICES INC.

GEOCHEMICAL REPORT
CLISBAKO PROPERTY
(Clisbako 1 to 37 Mineral Claims)

Cariboo Mining Division
British Columbia
NTS 93B/12W, 93C/9E
52°44'N Latitude, 124°00'W Longitude

by

P. E. Fox, Ph.D., P. Eng.
Fox Geological Services Inc.
1409 - 409 Granville Street, Vancouver, B.C. V6C 1T8

for

Phelps Dodge Corporation of Canada, Limited
Suite 912 - 120 Adelaide Street West
Toronto, Ontario M5H 1T1

August 15, 1996

#1409 - 409 Granville Street, Vancouver, B.C. V6C 1T8 Telephone (604) 669-5736 Fax (604) 681-3920

SUMMARY

The Clisbako property consists of 37 mineral claims, located in the Interior Plateau region of central British Columbia, 125 kilometres west of Quesnel. Access is by paved highway, west from Quesnel to the settlement of Nazko, then by gravel Forest Service roads leading southwest some 50 kilometres to the property.

The Clisbako Mineral Claims are located on the northern Chilcotin Plateau, a subdivision of the Interior Plateau of central British Columbia. The claims are underlain largely by dacitic and rhyodacitic flows with minor dacitic pyroclastic and volcaniclastic rocks. Dacite is cut by a broad belt of rhyolitic tuffs and flows that trends northerly through the east-central portion of the claims. Rhyolitic volcaniclastic rocks, which include ash tuffs, siltstone, sandstone, conglomerate and siliceous sinters, outcrop in the central portion of the rhyolite belt. A hydrothermal alteration system is centred on the felsic volcanics and grades outward, well into the dacitic rocks.

Exploration on the Clisbako claims dates from 1989 when Eighty-Eight Resources discovered zones of argillic alteration and boulders of pyritic, silicified rhyolite during the course of reconnaissance work in 1989. In early 1991, the claims were optioned by Minnova Inc., who explored the North and South mineralized zones, completing over 4,000 metres of diamond drilling in 30 holes between 1991 and 1992. Minnova confirmed the presence of widespread anomalous gold concentrations in altered rhyolite and dacite. The Clisbako claims have been explored by Phelps Dodge Corporation of Canada, Limited since 1994. During 1995 it was discovered that several extensive intervals of Minnova's drill core had never been sampled. A short geochemical sampling program was, therefore, initiated by Phelps Dodge to sample these intervals. Between October 16 and 29, 1995, a total of 708.5 metres of diamond drill core from ten holes was split, sampled and assayed.

Drill core analyses returned an average of 111 ppb gold over 14 metres from drill hole 91-04 and two sections from drill hole 92-22 contained 215 ppb gold over 4 metres and 108 ppb over 10 metres. Arsenic and antimony concentrations were also elevated over these intervals.

Phelps Dodge Corporation of Canada, Limited #1409-1.09 Granville Street, Vancouver, BC V6C 1T8
Telephone (604) 669-2954 Fax (604) 681-3920

TABLE OF CONTENTS

LIST OF FIGURES

APPENDICES

INTRODUCTION

During 1991 and 1992, Minnova Inc. drilled a total of thirty diamond drill holes on the Clisbako Property. Several extensive intervals of Minnova's drill core were never split or sampled. A short geochemical sampling program was, therefore, initiated by Phelps Dodge to sample these core intervals. Between October 16 and 29, 1995, a total of 708.5 metres of diamond drill core from ten holes was split, sampled and assayed. The details and results of this short geochemical program are the subject of this report.

LOCATION AND ACCESS

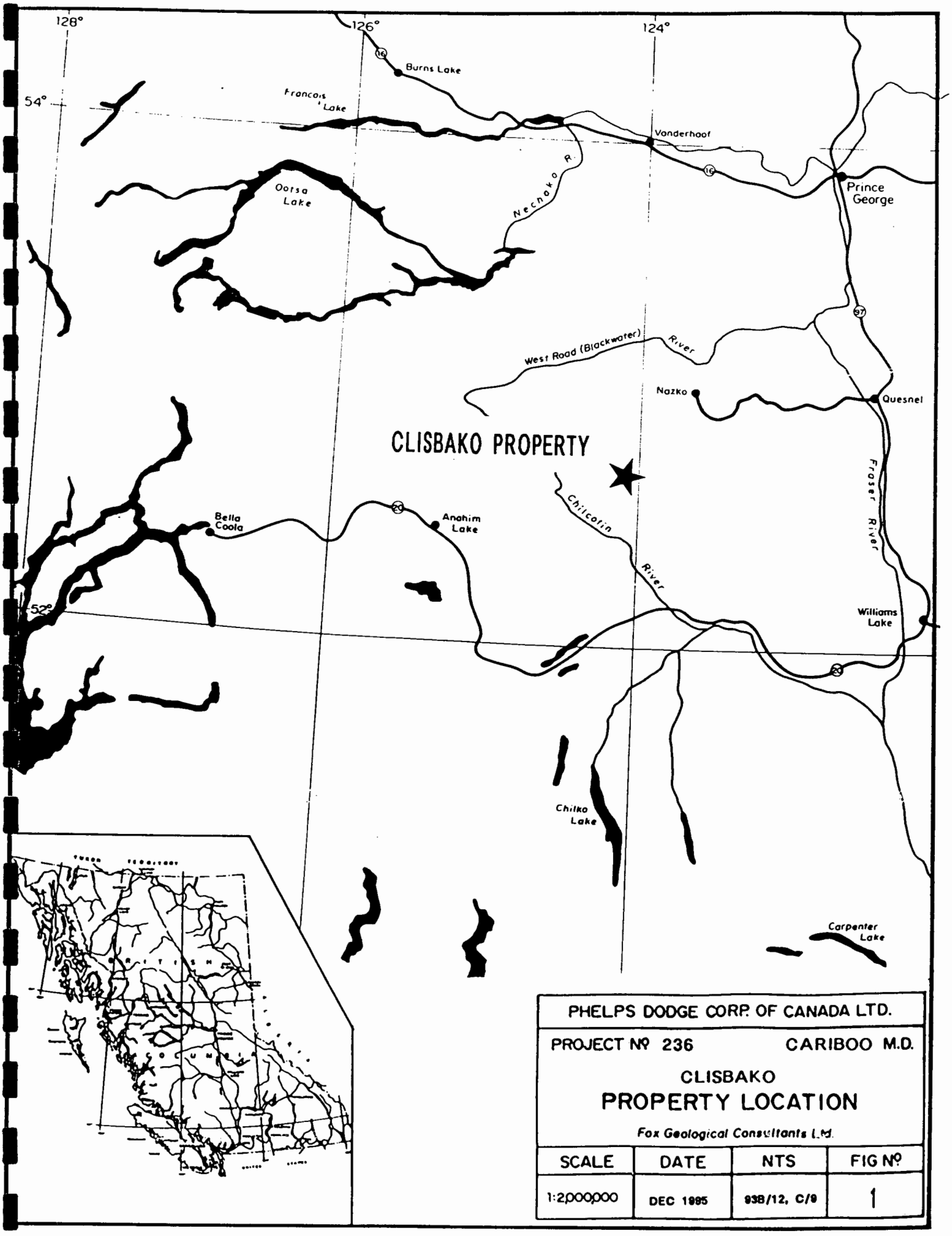
The Clisbako property is located in the Interior Plateau region of central British Columbia. The claims are situated 125 kilometres west of Quesnel, B.C. and 50 kilometres southwest of Nazko, B.C. on NTS mapsheets 93B/12W and 93C/9E (see Figure 1). The centre of the 1995 work area is situated at 52° 44' north latitude and 124°00' west longitude . The claims cover a wide variety of terrain including the large muskeg filled valley of the Clisbako River and the upland forested slopes of Mount Dent. A large portion of the property is logged.

Access to the property is by paved highway west from Quesnel to Nazko, then by gravel Forest Service roads leading southwest some 50 kilometres to the property. The 4200 FSR crosses the northern portion of the Clisbako claims and branch roads and logging blocks provide access to much of the rest of the property.

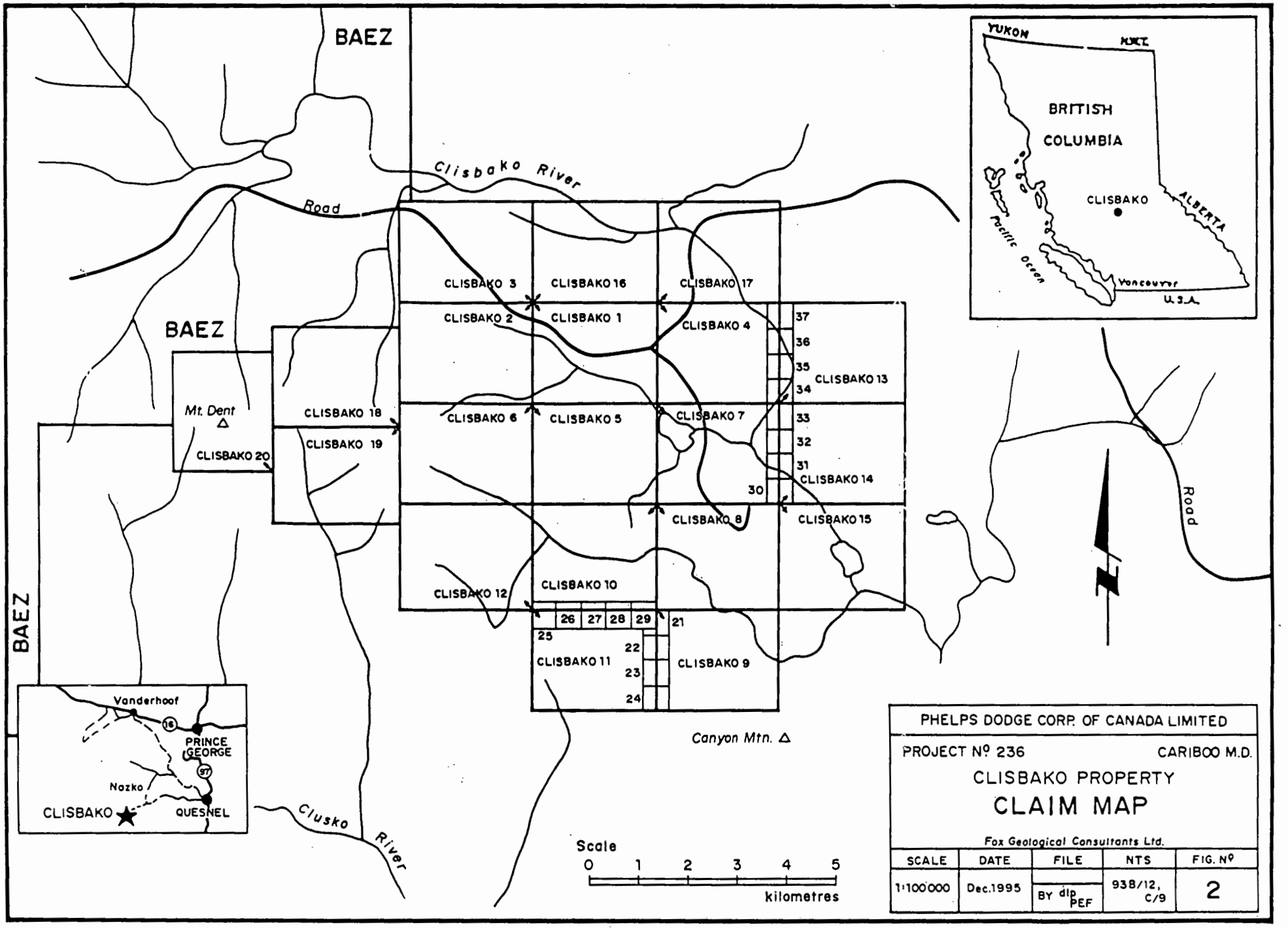
CLAIM INFORMATION

The Clisbako property consists of 37 mineral claims totalling 417 units located in the Cariboo Mining Division of central B.C. (see Figure 2). Claim data is tabulated below. Expiry dates shown assume the current work will be accepted for assessment purposes.

For the purposes of filing this assessment work, the Clisbako 5, 7, 8, 13, 33, 34, 35, 36 and 37 claims have been grouped into the Clisbako 96-1 Claim Group under a Notice to Group recorded on June 7, 1996. The 1995 core sampling program was conducted under Annual Work Approval Number PRG-1000-333-6804.



PHELPS DODGE CORP. OF CANADA LTD.			
PROJECT Nº 236		CARIBOO M.D.	
CLISBAKO PROPERTY LOCATION *Fox Geological Consultants Ltd.*			
SCALE	DATE	NTS	FIG Nº
1:2,000,000	DEC 1995	93B/12, C/9	1



PHELPS DODGE CORP. OF CANADA LIMITED

PROJECT Nº 236 CARIBOO M.D.

CLISBAKO PROPERTY
CLAIM MAP

Fox Geological Consultants Ltd.

SCALE	DATE	FILE	NTS	FIG. Nº
1:100 000	Dec. 1995	BY dlp PEF	93B/12, C/9	2

CLAIM NAME	NO. OF UNITS	TENURE No.	EXPIRY DATE
Clisbako 1	20	206988	June 3, 2000
Clisbako 2	20	206989	June 8, 2000
Clisbako 3	20	206990	June 5, 1999
Clisbako 4	20	206991	June 3, 2000
Clisbako 5	20	206992	June 8, 2000
Clisbako 6	20	206993	June 8, 2000
Clisbako 7	20	206994	June 5, 2000
Clisbako 8	20	207022	June 23, 2000
Clisbako 9	20	207023	June 26, 1999
Clisbako 10	20	207024	June 27, 1999
Clisbako 11	20	207236	September 19, 1999
Clisbako 12	20	207266	September 20, 2000
Clisbako 13	20	207250	September 29, 1999
Clisbako 14	20	207251	September 29, 1999
Clisbako 15	20	207252	September 29, 1998
Clisbako 16	20	207416	April 18, 1999
Clisbako 17	20	207417	April 19, 1999
Clisbako 18	20	207418	April 23, 1999
Clisbako 19	20	207419	April 23, 1999
Clisbako 20	20	207420	April 22, 1999
Clisbako 21	1	310171	June 10, 1999
Clisbako 22	1	310172	June 10, 1999
Clisbako 23	1	310173	June 10, 1999
Clisbako 24	1	310174	June 10, 1999
Clisbako 25	1	310185	June 14, 1999
Clisbako 26	1	310186	June 14, 1999
Clisbako 27	1	310187	June 14, 1999
Clisbako 28	1	310188	June 14, 1999
Clisbako 29	1	310189	June 14, 1999
Clisbako 30	1	310190	June 15, 1999
Clisbako 31	1	310191	June 15, 1999
Clisbako 32	1	310192	June 15, 1999
Clisbako 33	1	310194	June 15, 2000
Clisbako 34	1	310195	June 15, 2000
Clisbako 35	1	310196	June 15, 2000
Clisbako 36	1	310197	June 15, 2000
Clisbako 37	1	310198	June 15, 2000

HISTORY

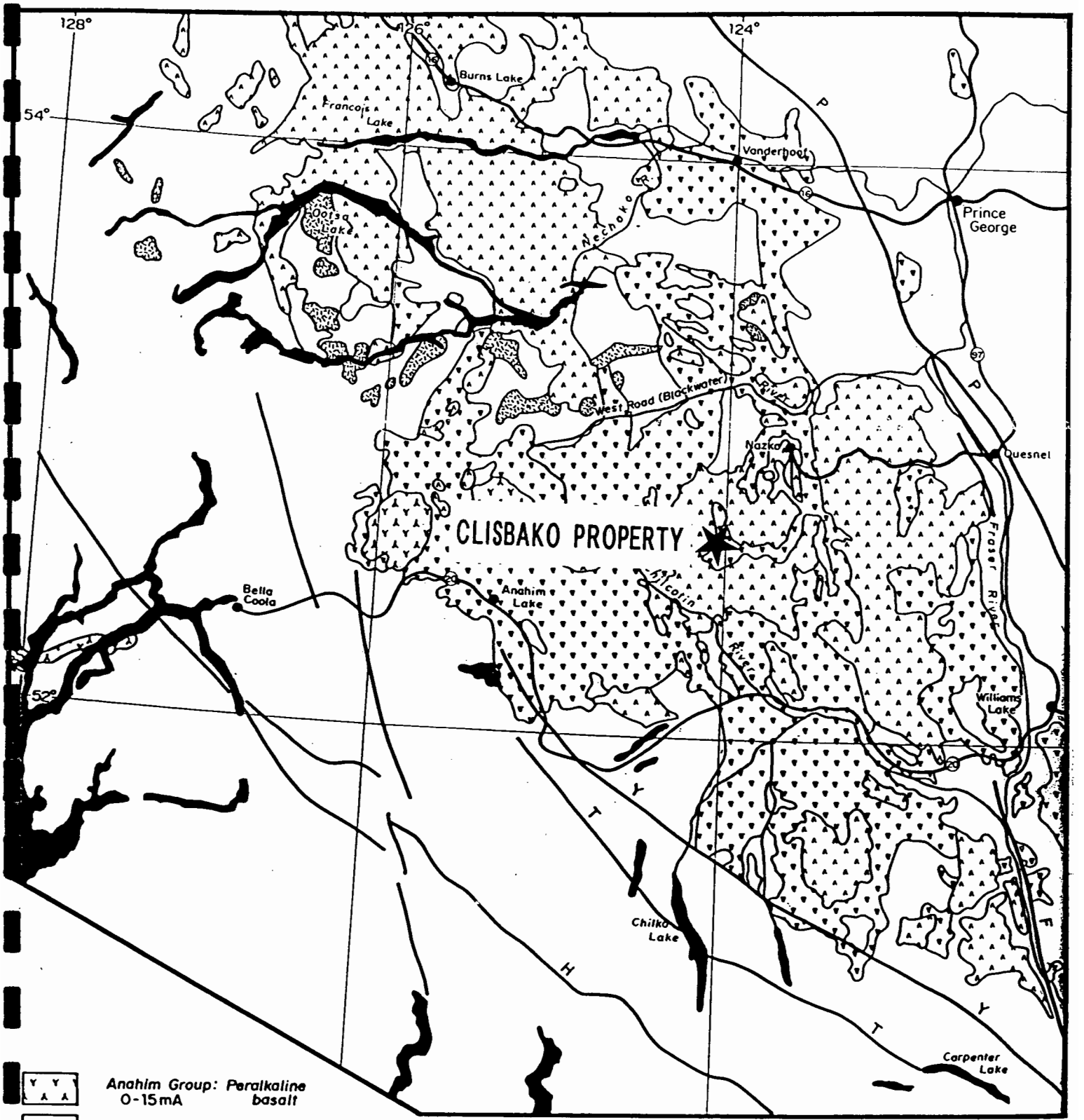
There is no record of any work on the Clisbako property prior to 1989 although a number of major companies conducted reconnaissance programs in this region for uranium and epithermal gold-silver. Rio Algom staked the O'Boy property at the headwaters of Clisbako River, just west of the Clisbako prospect, in the early 1980's and subsequently carried out geological, geochemical and geophysical surveys followed by 3,000 feet of diamond drilling in 1987. Eighty-Eight Resources discovered zones of argillic alteration and boulders of pyritic, silicified rhyolite in the vicinity of the Clisbako claims during the course of reconnaissance work in 1989. Subsequent prospecting resulted in the discoverery of mineralized outcrops in the South and North zones. Eighty-Eight Resources staked twenty claims in the area south and west of the Clisbako River, extending as far as Mount Dent.

In early 1991, the claims were optioned by Minnova Inc., who continued to explore the North and South zones through 1991 and 1992. In 1991, Minnova completed an airborne geophysical survey, trenching, detailed mapping and sampling around the discovery outcrops, followed by 3,023 metres of diamond drilling in 19 holes. In general, this work confirmed the presence of widespread anomalous gold concentrations in altered rhyolite and dacite but failed to return commercially significant values. Additional work by Minnova in 1992 included an induced polarization survey over the discovery area, trenching and 1,358 metres of diamond drilling in 11 holes. Again, sub-commercial but anomalous gold concentrations were obtained.

The Clisbako claims were subsequently staked by Eighty-Eight Resources and optioned to Phelps Dodge Corporation of Canada, Limited who have explored the claim block since 1994 with geochemical and induced polarization surveys, geological mapping, prospecting and 700 metres of diamond drilling in 4 holes.

REGIONAL GEOLOGY

The Clisbako Mineral Claims are located in the northern part of the Chilcotin Plateau, a subdivision of the Interior Plateau of central British Columbia. The project area lies within the Intermontane Belt which is locally comprised of Stikinia, Cache Creek and Quesnellia Terranes. These terranes are composed of late Paleozoic to mid-Mesozoic marine volcanic and sedimentary rocks and mid-Mesozoic to late Tertiary marine and non-marine sedimentary and volcanic rocks. Two large scale transcurrent faults bound the plateau to the northeast and southwest. A third fault, inferred from oil exploration data, bisects the plateau. The Anahim Volcanic Belt, which crosses the Chilcotin Plateau in an east-west direction, is composed of a series of alkaline and peralkaline volcanoes of Miocene to Quaternary age which young from west to east.



Anahim Group: Peralkaline basalt 0-15mA

Chilcotin Group: Backarc alkaline/tholeiite basalt 2-10mA

Nanika, Quanchus Intrusives: Quartz monzonite, granite 60mA

Ootsa Group: Calc-alkaline felsic volcanics 35-70mA

Pre-Tertiary rocks and Coast Intrusions

Fault — H - Harrison, T - Tchaikazan, Y - Yalakom, F - Fraser, P - Pinchi

Scale 1: 2,000,000

0 50 100 km

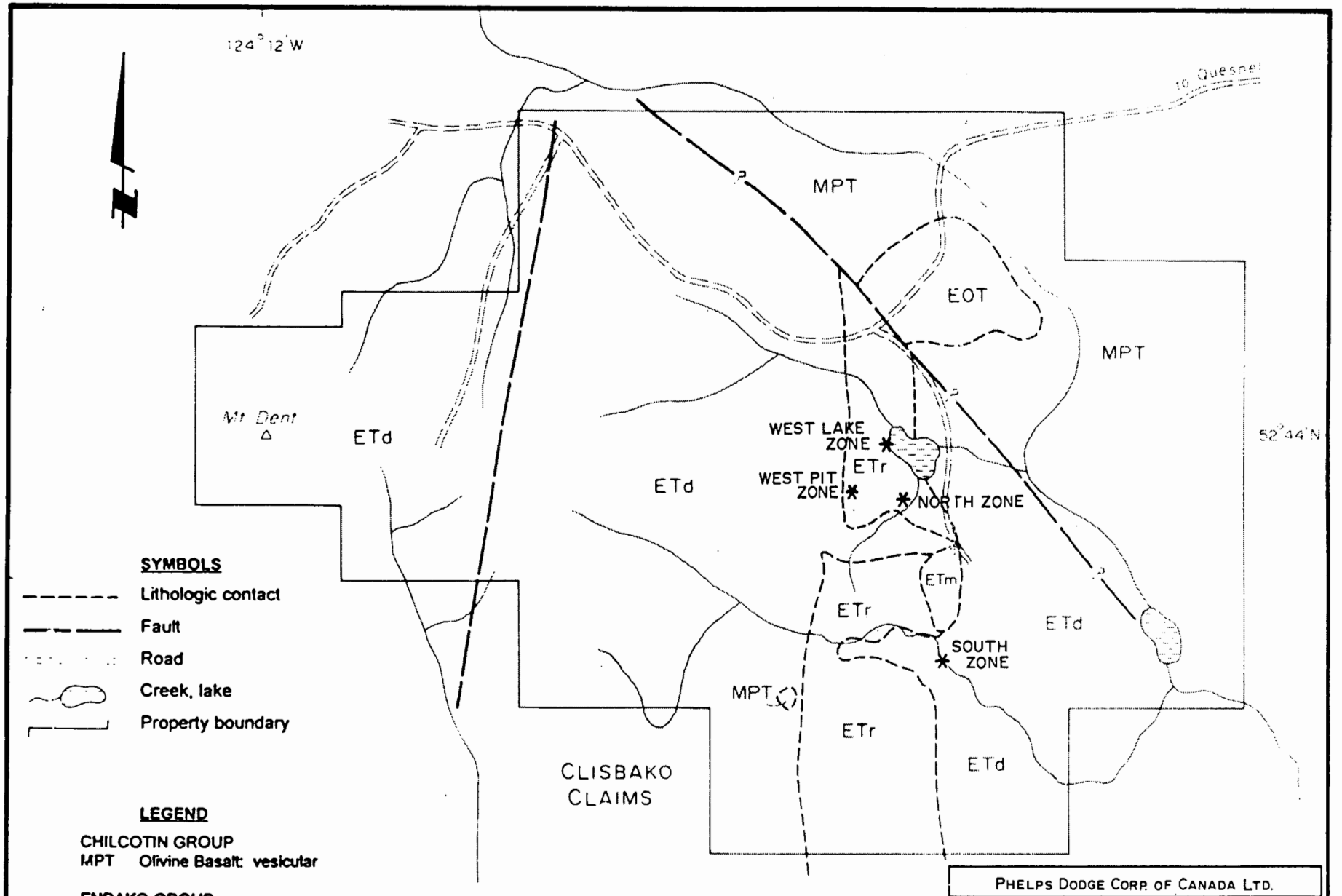
PHELPS DODGE CORP. OF CANADA LTD.

PROJECT Nº 238 CARIBOO OMINECA M.D.

SAUNDERS PROPERTY
REGIONAL GEOLOGY

Fox Geological Consultants Ltd.

SCALE	DATE	NTS	FIG Nº
1:2,000,000	DEC 1995	93B/12, C/9	3



PHELPS DODGE CORP. OF CANADA LTD.

PROJECT Nº 236 CARIBOO M.D.

GENERALIZED PROPERTY GEOLOGY

Fox Geological Services Inc.

SCALE	DATE	NTS	Dwg Nº
As shown	Aug 1996	93B/12, C/9	4

The Clisbako area is dominated by volcanic flows, volcaniclastics and high level intrusive rocks of Eocene age belonging to the Ootsa Lake and Endako Groups. These volcanics underlie a large, circular area that encompasses a wide variety of lithologic assemblages which constitute the Clisbako Caldera Complex. Volcanic, subvolcanic and volcaniclastic rocks within the Caldera Complex range in composition from basalt to rhyolite and include a wide variety of textural types. Dacite, rhyodacite and rhyolite (Ootsa Lake Group) are the most common compositional types, with lesser andesite and basalt (Endako Group). Passive eruptive sequences of flows and domes are the most abundant volcanic assemblages; pyroclastics occur throughout the Complex, but are most common in the west and central areas. A highly variable assemblage of lahars and fanglomerates, coarse and fine-grained fluvial assemblages and local chemically deposited siliceous sinters are intimately associated with both passive and explosive volcanic assemblages. These rock units are collectively interpreted as a "moat" facies. The distribution of moat facies assemblages suggests the presence of a number of separate basins within the larger caldera structure.

Pliocene to Pleistocene Chilcotin group vesicular andesite and basalt flows, breccias and cinder cones conformably overlie the Ootsa Lake Group. Pleistocene to recent till, gravel and sand infill drainage basins and locally form eskers and moraines up to 100 metres thick. Regional geological setting is presented in Figure 3.

PROPERTY GEOLOGY

Outcrop exposures on the Clisbako Property are typically less that 1% with the best exposures found on rounded, hummocky ridge crests, incised outwash channels and in logging slashes. Contacts are rarely seen and age relationships between stratigraphic elements are, therefore, deductive.

The most extensive volcanic facies on the Clisbako claims is represented by a suite of dacitic and rhyodacitic flows. These rocks are typically aphanitic to sparsely porphyritic with fine-grained augite phenocrysts, locally modified by the presence of minor subcrowded feldspar-augite phyric dacites. Several localized exposures of dacitic pyroclastic and volcaniclastic rocks are present in the western half of the claims. Dacitic rocks are cut by a broad belt of rhyolitic volcanics that trends northerly through the Clisbako 7 to 11 claims. The rhyolite assemblage most likely defines a centre of felsic volcanism within this portion of the Clisbako Caldera Complex. Members of this facies include crystal tuffs and flows with phenocrysts of plagioclase, biotite and, often, quartz. Moat facies rocks, which include ash tuff, siltstone, sandstone, conglomerate and siliceous sinter, outcrop in the central portion of the rhyolite belt.

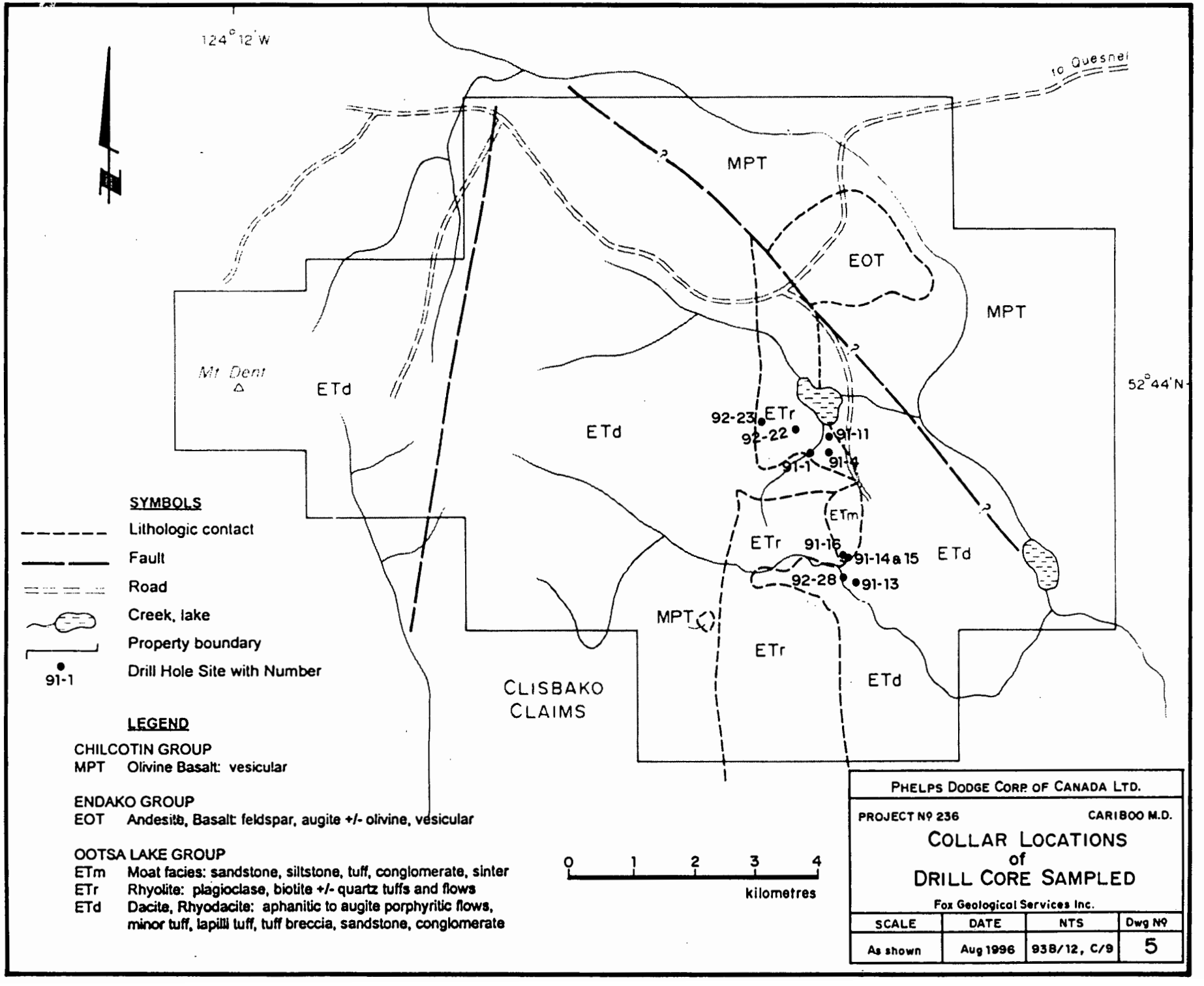
Rhyolite dykes have been observed to cut dacitic rocks in a number of locations. This, combined with an absence of rhyolitic clasts in dacitic volcaniclastic rocks and the presence of dacite clasts in rhyolitic volcaniclastic units, all imply that dacites are older. There appear to be no textural gradation between the dacitic and rhyolitic assemblages and a hiatus is, therefore, inferred. A hydrothermal alteration system is centred on the felsic volcanics and grades outward, well into the dacitic assemblages.

An assumed northwest trending fault places Ootsa Lake Group volcanic rocks against isolated exposures of Endako Group basalt-andesite flows and presumed Chilcotin Group olivine basalt in the northeastern claim area. No structures have been observed in outcrop. A zone of very strong faulting, marked by clay gouge, kaolinized zones and shattered rock, was revealed by trenching in the North Zone, indicating that significant structural elements are present, although not obvious on surface. Property geology is presented as Figure 4 of this report.

WORK PROGRAM

A short program of geochemical core sampling was conducted on the Clisbako Property between October 16 to 29, 1995. The subject of this sampling was diamond drill core from Minnova's 1991 and 1992 drill programs which had not been previously split or sampled. The drill core was found by Phelps Dodge Canada, permanently stored on racks at Minnova's campsite on Clisbako Lake. Details of sampled core intervals are tabulated below. Collar locations of pertinent drill holes are plotted on Figure 5.

DRILL HOLE	DRILL HOLE LOCATION			INTERVAL (metres)		
	Zone	UTM North	UTM East	Width	From	To
1991-01	North Zone	5841168	429363	105.2	89.0	194.2
1991-04	North Zone	5841096	429637	161.9	41.1	203.0
1991-11	North Zone	5841350	429591	93.2	101.0	194.2
1991-13	South Zone	5839182	429932	78.0	70.0	148.0
1991-14	South Zone	5839487	429805	32.0	92.0	124.0
1991-15	South Zone	5839487	429805	38.0	122.0	160.0
1991-16	South Zone	5839520	429760	25.8	137.0	162.8
1992-22	West Lake Zone	5841385	429200	59.9	96.7	156.6
1992-23	West Pit Zone	5841590	428600	47.0	138.0	185.0
1992-28	South Zone	5839328	429755	67.5	87.0	154.5
Total length of core sampled				708.5		


124°12'W
to Quesnel
MPT
EOT
MPT
52°44'N
Mt Dent
ETd
92-23
ETr
92-22
91-11
91-1
91-4
ETd
ETm
ETr
91-16
91-14 & 15
ETd
92-28
91-13
MPT(?)
ETr
ETd
CLISBAKO
CLAIMS
SYMBOLS
Lithologic contact
Fault
Road
Creek, lake
Property boundary
91-1
Drill Hole Site with Number
LEGEND
CHILCOTIN GROUP
MPT Olivine Basalt: vesicular
ENDAKO GROUP
EOT Andesite, Basalt: feldspar, augite +/- olivine, vesicular
OOTSA LAKE GROUP
ETm Moat facies: sandstone, siltstone, tuff, conglomerate, sinter
ETr Rhyolite: plagioclase, biotite +/- quartz tuffs and flows
ETd Dacite, Rhyodacite: aphanitic to augite porphyritic flows, minor tuff, lapilli tuff, tuff breccia, sandstone, conglomerate
0 1 2 3 4
kilometres
PHELPS DODGE CORP OF CANADA LTD.
PROJECT Nº 236
CARIBOO M.D.
COLLAR LOCATIONS of DRILL CORE SAMPLED
Fox Geological Services Inc.
SCALE
As shown
DATE
Aug 1996
NTS
93B/12, C/9
Dwg Nº
5

All core had previously been logged in detail by Minnova and was not re-logged by Phelps Dodge Canada. After splitting, half of the core was placed in plastic bags, in two metre intervals, assigned individual sample lnumbers, and sent to Acme Analytical Laboratories Ltd. at 852 East Hastings Street in Vancouver. The unsampled core segments were returned to the original core boxes, which were restored to their designated spaces in core storage racks built by Minnova. A total of 708.5 metres of previously unsampled core was split, sampled and analyzed for 30 elements by ICP and for gold by fire assay. A detailed listing of individual sample intervals, with sample numbers, is included in Appendix II. Analytical method is described more fully in Appendix I.

RESULTS

Core intervals from most of the drill holes sampled during this program contained background to slightly elevated gold concentrations. Drill hole 91-04 averaged 111 ppb gold between 131.0 and 145.0 metres depth, a total of 14 metres. Drill Hole 92-22 contained 215 ppb over 4 metres, between 101.0 to 105.0 metres depth, and 108 ppb over 10 metres, between 119.0 to 129.0 metres. Arsenic and antimony concentrations were also found to be elevated over these same intervals. Maximum concentrations of gold, silver, arsenic and antimony for individual drill holes are tabulated below. Analytical certificates comprise Appendix III of this report.

MAXIMUM CONCENTRATION OF SELECTED ELEMENTS PER DRILL HOLE

	91-01	91-04	91-11	91-13	91-14	91-15	91-16	92-22	92-23	92-28
Au (ppb)	54	**266**	17	29	14	20	12	**225**	26	74
Ag (ppm)	1.1	1.6	0.5	6.6	0.3	0.5	0.3	9.0	0.6	0.5
As (ppm)	743	1653	160	24	58	163	188	2402	255	98
Sb (ppm)	16	40	9	6	4	36	43	57	7	4

CONCLUSIONS

Geochemical sampling of previously unsampled drill core from the 1991 and 1992 diamond drill programs on the Clisbako Property has identified three sections of elevated, but subeconomic gold in drill holes 1991-04 and 1992-22.

DISBURSEMENTS

Disbursements for the core sampling program on the Clisbako Property, expended between October 16 and 19, 1995, are $6,046.25. Expenditures are detailed below.

Assays	
355 Core samples @ $16.35/sample	5,804.25
Sample shipping	243.70
Total	**$6,047.25**

FOX GEOLOGICAL SERVICES INC.

P.E. Fox, Ph.D., P.Eng.
August 15, 1995

REPORT DISTRIBUTION:

Phelps Dodge, Toronto Land File	1
Phelps Dodge, Vancouver	1
B.C. Mining Recorder	2

REFERENCES

Dawson, James M. (1991)
"Geological and Geochemical Report on the Clisbako Property"; Assessment Report 20,874, January 18, 1991.

Fox, P.E. (1995)
"Geological, Geochemical, Geophysical and Diamond Drilling Report, Clisbako 1 to 37 Mineral Claims"; Assessment Report, December 15, 1995.

Heberlein, Dave (1992)
"Assessment Report on the 1992 Diamond Drilling Program, Clisbako 1 to 37 Claims"; November, 1992.

CERTIFICATE

I, Peter Edward Fox, certify to the following:

1. I am a consulting geologist residing at #902 - 2077 Nelson Street, Vancouver, B.C.

2. I am a Professional Engineer registered in the Association of Professional Engineers and Geoscientists of British Columbia.

3. My academic qualifications are:

   B.Sc. and M.Sc., Queens University, Kingston, Ontario
   Ph.D., Carleton University, Ottawa, Ontario

4. I have been engaged in geological work since graduation in 1966.

Peter E. Fox, Ph.D., P. Eng.
Vancouver, B.C.
August 15, 1996

Phelps Dodge Corporation of Canada, Limited #1409-409 Granville Street, Vancouver, BC V6C 1T8
Telephone (604) 669-2954 Fax (604) 681-3920

APPENDIX I

Analytical Method

ICP A 0.50 gram sample is digested with 3ml 3-1-2 HCl-HNO_3-H_2O at 95 degrees Centigrade for one hour and is diluted to 10ml with water. This leach is partial for Mn, Fe, Sr, Ca, P, La, Cr, Mg, Ba, Ti, B, W and limited for Na, K and Al.

Gold A 30 gram sample is analyzed by fire assay techniques with an ICP finish.

Phelps Dodge Corporation of Canada, Limited #1409-409 Granville Street, Vancouver, BC V6C 1T8
Telephone (604) 669-2954 Fax (604) 681-3920

APPENDIX II

FIELD NOTES AND SELECT GEOCHEMICAL RESULTS

Phelps Dodge Corporation of Canada, Limited #1409-409 Granville Street, Vancouver, BC V6C 1T8
Telephone (604) 669-2954 Fax (604) 681-3920

CLISBAKO PROPERTY, SAMPLING OF PREVIOUSLY UNSPLIT CORE

Hole	From (m)	To (m)	Length (m)	Sample #	Ag(ppm)	As(ppm)	Sb(ppm)	Au(ppb)
91-01	89.0	91.0	2.0	513501	0.6	142	5	10
91-01	91.0	93.0	2.0	513502	0.6	255	6	25
91-01	93.0	95.0	2.0	513503	0.7	288	7	35
91-01	95.0	97.0	2.0	513504	0.3	137	6	26
91-01	97.0	99.0	2.0	513505	0.9	486	16	36
91-01	99.0	101.0	2.0	513506	0.7	292	9	36
91-01	101.0	103.0	2.0	513507	0.7	53	2	7
91-01	103.0	105.0	2.0	513508	0.4	60	2	9
91-01	105.0	107.0	2.0	513509	0.3	83	5	14
91-01	107.0	109.0	2.0	513510	0.9	442	12	18
91-01	109.0	111.0	2.0	513511	1.1	743	14	54
91-01	111.0	113.0	2.0	513512	0.5	66	2	14
91-01	113.0	115.0	2.0	513513	0.3	10	2	3
91-01	115.0	117.0	2.0	513514	0.5	10	2	2
91-01	117.0	119.0	2.0	513515	0.3	20	2	9
91-01	119.0	121.0	2.0	513516	0.3	18	2	7
91-01	121.0	123.0	2.0	513517	0.5	78	2	27
91-01	123.0	125.0	2.0	513518	0.4	38	3	10
91-01	125.0	127.0	2.0	513519	0.3	16	2	6
91-01	127.0	129.0	2.0	513520	0.4	37	3	6
91-01	129.0	131.0	2.0	513521	0.3	21	2	3
91-01	131.0	133.0	2.0	513522	0.8	79	2	23
91-01	133.0	135.0	2.0	513523	0.3	7	2	5
91-01	135.0	137.0	2.0	513524	0.3	45	2	7
91-01	137.0	139.0	2.0	513525	0.3	21	2	7
91-01	139.0	141.0	2.0	513526	0.4	43	2	7
91-01	141.0	143.0	2.0	513527	0.6	107	2	9
91-01	143.0	145.0	2.0	513528	0.6	62	2	8
91-01	145.0	147.0	2.0	513529	0.3	2	2	2
91-01	147.0	149.0	2.0	513530	0.3	2	4	7
91-01	149.0	151.0	2.0	513531	0.3	5	2	5
91-01	151.0	153.0	2.0	513532	0.3	9	2	2
91-01	153.0	155.0	2.0	513533	0.3	14	2	3
91-01	155.0	157.0	2.0	513534	0.3	114	5	11
91-01	157.0	159.0	2.0	513535	0.3	9	3	5
91-01	159.0	161.0	2.0	513536	0.3	49	2	15
91-01	161.0	163.0	2.0	513537	0.3	37	3	12
91-01	163.0	165.0	2.0	513538	0.3	4	2	3
91-01	165.0	167.0	2.0	513539	0.3	5	3	4
91-01	167.0	169.0	2.0	513540	0.3	7	2	2
91-01	169.0	171.0	2.0	513541	0.3	11	3	2
91-01	171.0	173.0	2.0	513542	0.3	11	2	4
91-01	173.0	175.0	2.0	513543	0.3	10	2	10
91-01	175.0	177.0	2.0	513544	0.3	3	2	4
91-01	177.0	179.0	2.0	513545	0.3	5	2	4
91-01	179.0	181.0	2.0	513546	0.3	8	2	2
91-01	181.0	183.0	2.0	513547	0.3	2	2	3
91-01	183.0	185.0	2.0	513548	0.3	27	2	7
91-01	185.0	187.0	2.0	513549	0.3	5	2	3
91-01	187.0	189.0	2.0	513550	0.3	10	2	3

CLISBAKO PROPERTY, SAMPLING OF PREVIOUSLY UNSPLIT CORE

Hole	From (m)	To (m)	Length (m)	Sample #	Ag(ppm)	As(ppm)	Sb(ppm)	Au(ppb)
91-01	189.0	191.0	2.0	513551	0.3	11	2	10
91-01	191.0	194.2	3.2	513552	0.3	8	2	5
91-04	41.1	43.0	1.9	513553	0.3	45	2	4
91-04	43.0	45.0	2.0	513554	0.3	15	2	2
91-04	45.0	47.0	2.0	513555	0.3	41	2	3
91-04	47.0	49.0	2.0	513556	0.3	3	4	2
91-04	49.0	51.0	2.0	513557	0.3	8	2	3
91-04	51.0	53.0	2.0	513558	0.3	5	9	3
91-04	53.0	55.0	2.0	513559	0.3	3	4	2
91-04	55.0	57.0	2.0	513560	0.3	10	4	2
91-04	57.0	59.0	2.0	513561	0.3	15	3	2
91-04	59.0	61.0	2.0	513562	0.4	120	5	33
91-04	61.0	63.0	2.0	513563	0.3	35	2	19
91-04	63.0	65.0	2.0	513564	0.3	96	4	10
91-04	65.0	67.0	2.0	513565	0.3	31	2	6
91-04	67.0	69.0	2.0	513566	0.3	40	4	5
91-04	69.0	71.0	2.0	513567	0.3	15	3	6
91-04	71.0	73.0	2.0	513568	0.3	30	2	22
91-04	73.0	75.0	2.0	513569	0.3	8	2	4
91-04	75.0	77.0	2.0	513570	0.3	3	2	5
91-04	77.0	79.0	2.0	513571	0.3	4	2	5
91-04	79.0	81.0	2.0	513572	0.4	296	8	34
91-04	81.0	83.0	2.0	513573	0.4	120	6	52
91-04	83.0	85.0	2.0	513574	0.3	93	2	88
91-04	85.0	87.0	2.0	513575	0.3	144	7	40
91-04	87.0	89.0	2.0	513576	0.3	60	3	23
91-04	89.0	91.0	2.0	513577	0.4	85	7	41
91-04	91.0	93.0	2.0	513578	0.3	32	6	15
91-04	93.0	95.0	2.0	513579	0.3	59	2	53
91-04	95.0	97.0	2.0	513580	0.3	14	2	7
91-04	97.0	99.0	2.0	513581	0.3	2	2	2
91-04	99.0	101.0	2.0	513582	0.3	7	2	2
91-04	101.0	103.0	2.0	513583	0.3	4	2	2
91-04	103.0	105.0	2.0	513584	0.3	31	2	4
91-04	105.0	107.0	2.0	513585	0.3	71	2	18
91-04	107.0	109.0	2.0	513586	0.3	41	2	6
91-04	109.0	111.0	2.0	513587	0.3	26	2	8
91-04	111.0	113.0	2.0	513588	0.4	123	2	21
91-04	113.0	115.0	2.0	513589	0.3	25	2	7
91-04	115.0	117.0	2.0	513590	0.3	26	2	3
91-04	117.0	119.0	2.0	513591	0.3	51	2	7
91-04	119.0	121.0	2.0	513592	0.3	32	2	6
91-04	121.0	123.0	2.0	513593	0.3	25	2	6
91-04	123.0	125.0	2.0	513594	0.3	23	2	2
91-04	125.0	127.0	2.0	513595	0.4	207	9	51
91-04	127.0	129.0	2.0	513596	0.5	119	2	12
91-04	129.0	131.0	2.0	513597	0.6	196	5	32
91-04	131.0	133.0	2.0	513598	0.6	272	7	74
91-04	133.0	135.0	2.0	513599	1.6	1653	40	266
91-04	135.0	137.0	2.0	513600	0.7	731	18	70
91-04	137.0	139.0	2.0	513601	0.3	180	2	18
91-04	139.0	141.0	2.0	513602	0.8	1055	26	171
91-04	141.0	143.0	2.0	513603	0.5	669	18	49

CLISBAKO PROPERTY, SAMPLING OF PREVIOUSLY UNSPLIT CORE

Hole	From (m)	To (m)	Length (m)	Sample #	Ag(ppm)	As(ppm)	Sb(ppm)	Au(ppb)
91-04	143.0	145.0	2.0	513604	0.7	962	23	131
91-04	145.0	147.0	2.0	513605	0.5	283	6	43
91-04	147.0	149.0	2.0	513606	0.3	97	4	29
91-04	149.0	151.0	2.0	513607	0.3	99	6	14
91-04	151.0	153.0	2.0	513608	0.3	33	2	10
91-04	153.0	155.0	2.0	513609	0.3	136	5	38
91-04	155.0	157.0	2.0	513610	0.3	90	2	12
91-04	157.0	159.0	2.0	513611	0.3	20	2	14
91-04	159.0	161.0	2.0	513612	0.3	7	2	4
91-04	161.0	163.0	2.0	513613	0.3	47	3	5
91-04	163.0	165.0	2.0	513614	0.3	156	7	47
91-04	165.0	167.0	2.0	513615	0.3	111	2	29
91-04	167.0	169.0	2.0	513616	0.3	225	8	66
91-04	169.0	171.0	2.0	513617	0.3	236	9	75
91-04	171.0	173.0	2.0	513618	0.3	100	5	26
91-04	173.0	175.0	2.0	513619	0.3	150	5	40
91-04	175.0	177.0	2.0	513620	0.3	93	4	19
91-04	177.0	179.0	2.0	513621	0.3	94	5	15
91-04	179.0	181.0	2.0	513622	0.3	57	5	5
91-04	181.0	183.0	2.0	513623	0.3	48	2	11
91-04	183.0	185.0	2.0	513624	0.3	60	3	17
91-04	185.0	187.0	2.0	513625	0.3	152	4	38
91-04	187.0	189.0	2.0	513626	0.9	214	8	45
91-04	189.0	191.0	2.0	513627	0.3	99	8	24
91-04	191.0	193.0	2.0	513628	0.7	192	11	35
91-04	193.0	195.0	2.0	513629	0.7	179	9	35
91-04	195.0	197.0	2.0	513630	0.6	309	10	42
91-04	197.0	199.0	2.0	513631	0.4	105	6	65
91-04	199.0	201.0	2.0	513632	0.3	55	4	5
91-04	201.0	203.0	2.0	513633	0.8	311	5	73
91-11	101.0	103.0	2.0	513634	0.3	20	3	5
91-11	103.0	105.0	2.0	513635	0.3	9	3	4
91-11	missing		0.0	513636				
91-11	105.0	107.0	2.0	513637	0.3	5	2	5
91-11	107.0	109.0	2.0	513638	0.3	5	4	5
91-11	109.0	111.0	2.0	513639	0.3	9	6	3
91-11	111.0	113.0	2.0	513640	0.3	6	2	2
91-11	113.0	115.0	2.0	513641	0.3	2	2	7
91-11	115.0	117.0	2.0	513642	0.3	5	2	4
91-11	117.0	119.0	2.0	513643	0.3	15	2	5
91-11	119.0	121.0	2.0	513644	0.3	24	3	4
91-11	121.0	123.0	2.0	513645	0.3	30	2	5
91-11	123.0	125.0	2.0	513646	0.3	2	2	2
91-11	125.0	127.0	2.0	513647	0.3	3	2	2
91-11	127.0	129.0	2.0	513648	0.3	2	2	2
91-11	129.0	131.0	2.0	513649	0.3	2	3	2
91-11	131.0	133.0	2.0	513650	0.3	2	2	3
91-11	133.0	135.0	2.0	513651	0.3	16	2	11
91-11	135.0	137.0	2.0	513652	0.3	2	3	10
91-11	137.0	139.0	2.0	513653	0.3	2	2	7
91-11	139.0	141.0	2.0	513654	0.3	2	2	3
91-11	141.0	143.0	2.0	513655	0.3	38	2	9
91-11	143.0	145.0	2.0	513656	0.4	39	6	3

CLISBAKO PROPERTY, SAMPLING OF PREVIOUSLY UNSPLIT CORE

Hole	From (m)	To (m)	Length (m)	Sample #	Ag(ppm)	As(ppm)	Sb(ppm)	Au(ppb)
91-11	145.0	147.0	2.0	513657	0.3	6	4	3
91-11	147.0	149.0	2.0	513658	0.3	4	2	2
91-11	149.0	151.0	2.0	513659	0.3	2	2	3
91-11	151.0	153.0	2.0	513660	0.3	12	2	11
91-11	153.0	155.0	2.0	513661	0.3	2	2	5
91-11	155.0	157.0	2.0	513662	0.3	17	2	4
91-11	157.0	159.0	2.0	513663	0.3	42	2	7
91-11	159.0	161.0	2.0	513664	0.3	8	2	5
91-11	161.0	163.0	2.0	513665	0.4	8	2	6
91-11	163.0	165.0	2.0	513666	0.3	8	2	4
91-11	165.0	167.0	2.0	513667	0.3	7	2	2
91-11	167.0	169.0	2.0	513668	0.3	5	5	3
91-11	169.0	171.0	2.0	513669	0.3	10	3	3
91-11	171.0	173.0	2.0	513670	0.3	13	2	4
91-11	173.0	175.0	2.0	513671	0.3	13	2	2
91-11	175.0	177.0	2.0	513672	0.3	9	2	5
91-11	177.0	179.0	2.0	513673	0.3	13	2	13
91-11	179.0	181.0	2.0	513674	0.3	12	4	5
91-11	181.0	183.0	2.0	513675	0.4	40	2	12
91-11	183.0	185.0	2.0	513676	0.3	12	2	4
91-11	185.0	187.0	2.0	513677	0.3	18	2	3
91-11	187.0	189.0	2.0	513678	0.3	16	2	4
91-11	189.0	191.0	2.0	513679	0.5	90	5	9
91-11	191.0	193.0	2.0	513680	0.3	138	3	14
91-11	193.0	194.2	1.2	513681	0.3	160	9	17
91-13	70.0	72.0	2.0	513682	6.6	24	4	6
91-13	72.0	74.0	2.0	513683	1.7	8	2	6
91-13	74.0	76.0	2.0	513684	1.1	2	2	2
91-13	76.0	78.0	2.0	513685	0.8	2	2	2
91-13	78.0	80.0	2.0	513686	0.7	4	2	2
91-13	80.0	82.0	2.0	513687	0.4	7	2	2
91-13	82.0	84.0	2.0	513688	0.6	4	2	29
91-13	84.0	86.0	2.0	513689	0.5	2	2	2
91-13	86.0	88.0	2.0	513690	1.3	3	2	3
91-13	88.0	90.0	2.0	513691	0.3	2	2	2
91-13	90.0	92.0	2.0	513692	0.5	4	2	2
91-13	92.0	94.0	2.0	513693	0.5	2	2	2
91-13	94.0	96.0	2.0	513694	0.3	6	2	2
91-13	96.0	98.0	2.0	513695	0.4	2	2	2
91-13	98.0	100.0	2.0	513696	0.3	14	2	2
91-13	100.0	102.0	2.0	513697	0.3	2	2	7
91-13	102.0	104.0	2.0	513698	0.3	2	2	2
91-13	104.0	106.0	2.0	513699	0.4	2	2	5
91-13	106.0	108.0	2.0	513700	0.3	2	2	2
91-13	108.0	110.0	2.0	513701	0.3	3	2	2
91-13	110.0	112.0	2.0	513702	0.3	2	2	2
91-13	112.0	114.0	2.0	513703	0.3	2	2	2
91-13	114.0	116.0	2.0	513704	0.4	2	2	2
91-13	116.0	118.0	2.0	513705	0.3	2	2	3
91-13	118.0	120.0	2.0	513706	0.3	2	2	7
91-13	120.0	122.0	2.0	513707	0.3	2	2	2
91-13	122.0	124.0	2.0	513708	0.3	2	2	2
91-13	124.0	126.0	2.0	513709	0.3	2	2	2

CLISBAKO PROPERTY, SAMPLING OF PREVIOUSLY UNSPLIT CORE

Hole	From (m)	To (m)	Length (m)	Sample #	Ag(ppm)	As(ppm)	Sb(ppm)	Au(ppb)
91-13	126.0	128.0	2.0	513710	0.3	2	2	6
91-13	128.0	130.0	2.0	513711	0.3	4	2	2
91-13	130.0	132.0	2.0	513712	0.4	2	2	2
91-13	132.0	134.0	2.0	513713	0.3	2	4	3
91-13	134.0	136.0	2.0	513714	0.3	5	2	3
91-13	136.0	138.0	2.0	513715	0.3	11	6	3
91-13	138.0	140.0	2.0	513716	0.3	17	6	2
91-13	140.0	142.0	2.0	513717	0.3	11	2	2
91-13	142.0	144.0	2.0	513718	0.3	11	4	6
91-13	144.0	146.0	2.0	513719	0.3	11	5	2
91-13	146.0	148.0	2.0	513720	0.3	13	5	4
91-14	92.0	94.0	2.0	513721	0.3	11	4	2
91-14	94.0	96.0	2.0	513722	0.3	14	3	2
91-14	96.0	98.0	2.0	513723	0.3	12	2	3
91-14	98.0	100.0	2.0	513724	0.3	12	2	2
91-14	100.0	102.0	2.0	513725	0.3	12	4	2
91-14	102.0	104.0	2.0	513726	0.3	11	3	2
91-14	104.0	106.0	2.0	513727	0.3	7	3	2
91-14	106.0	108.0	2.0	513728	0.3	10	2	2
91-14	108.0	110.0	2.0	513729	0.3	13	2	2
91-14	110.0	112.0	2.0	513730	0.3	13	2	2
91-14	112.0	114.0	2.0	513731	0.3	8	2	2
91-14	114.0	116.0	2.0	513732	0.3	7	3	2
91-14	116.0	118.0	2.0	513733	0.3	24	2	2
91-14	118.0	120.0	2.0	513734	0.3	58	2	14
91-14	120.0	122.0	2.0	513735	0.3	24	2	5
91-14	122.0	124.0	2.0	513736	0.3	18	3	2
91-15	122.0	124.0	2.0	513737	0.5	163	26	7
91-15	124.0	126.0	2.0	513738	0.3	145	23	4
91-15	126.0	128.0	2.0	513739	0.3	78	10	4
91-15	128.0	130.0	2.0	513740	0.3	133	36	6
91-15	130.0	132.0	2.0	513741	0.3	22	9	2
91-15	132.0	134.0	2.0	513742	0.3	38	4	8
91-15	134.0	136.0	2.0	513743	0.3	33	4	3
91-15	136.0	138.0	2.0	513744	0.3	42	6	9
91-15	138.0	140.0	2.0	513745	0.3	118	4	20
91-15	140.0	142.0	2.0	513746	0.3	125	15	8
91-15	142.0	144.0	2.0	513747	0.3	86	14	4
91-15	144.0	146.0	2.0	513748	0.4	106	11	3
91-15	146.0	148.0	2.0	513749	0.3	91	8	6
91-15	148.0	150.0	2.0	513750	0.3	27	3	2
91-15	150.0	152.0	2.0	513751	0.3	101	19	2
91-15	152.0	154.0	2.0	513752	0.3	45	11	2
91-15	154.0	156.0	2.0	513753	0.3	69	8	2
91-15	156.0	158.0	2.0	513754	0.3	37	5	2
91-15	158.0	160.0	2.0	513755	0.3	69	6	3
91-16	137.0	139.0	2.0	513756	0.3	99	13	4
91-16	139.0	141.0	2.0	513757	0.3	46	2	12
91-16	141.0	143.0	2.0	513758	0.3	29	4	3
91-16	143.0	145.0	2.0	513759	0.3	54	5	3
91-16	145.0	147.0	2.0	513760	0.3	15	2	2
91-16	147.0	149.0	2.0	513761	0.3	31	3	3
91-16	149.0	151.0	2.0	513762	0.3	20	2	3

CLISBAKO PROPERTY, SAMPLING OF PREVIOUSLY UNSPLIT CORE

Hole	From (m)	To (m)	Length (m)	Sample #	Ag(ppm)	As(ppm)	Sb(ppm)	Au(ppb)
91-16	151.0	153.0	2.0	513763	0.3	95	21	5
91-16	153.0	155.0	2.0	513764	0.3	188	43	7
91-16	155.0	157.0	2.0	513765	0.3	52	11	2
91-16	157.0	159.0	2.0	513766	0.3	7	2	2
91-16	159.0	161.0	2.0	513767	0.3	121	24	5
91-16	161.0	162.8	1.8	513768	0.3	108	22	2
92-22	96.7	99.0	2.3	513769	9	557	33	64
92-22	99.0	101.0	2.0	513770	0.8	381	12	27
92-22	101.0	103.0	2.0	513771	3.2	2402	57	225
92-22	103.0	105.0	2.0	513772	2.2	1802	33	205
92-22	105.0	107.0	2.0	513773	1.8	214	7	21
92-22	107.0	109.0	2.0	513774	1.7	164	8	25
92-22	109.0	111.0	2.0	513775	0.4	41	2	5
92-22	111.0	113.0	2.0	513776	0.3	11	2	2
92-22	113.0	115.0	2.0	513777	0.6	219	4	37
92-22	115.0	117.0	2.0	513778	1.3	236	6	33
92-22	117.0	119.0	2.0	513779	0.5	81	2	10
92-22	119.0	121.0	2.0	513780	1.6	892	17	72
92-22	121.0	123.0	2.0	513781	1.4	704	9	140
92-22	123.0	125.0	2.0	513782	1	603	8	108
92-22	125.0	127.0	2.0	513783	1	435	9	71
92-22	127.0	129.0	2.0	513784	1	1800	27	151
92-22	129.0	131.0	2.0	513785	0.6	376	7	47
92-22	131.0	133.0	2.0	513786	0.5	325	6	82
92-22	133.0	135.0	2.0	513787	0.3	34	2	10
92-22	135.0	137.0	2.0	513788	0.3	50	6	6
92-22	137.0	139.0	2.0	513789	0.4	101	3	40
92-22	139.0	141.0	2.0	513790	0.3	26	2	8
92-22	141.0	143.0	2.0	513791	0.3	75	4	41
92-22	143.0	145.0	2.0	513792	0.4	107	2	85
92-22	145.0	147.0	2.0	513793	0.3	22	2	7
92-22	147.0	149.0	2.0	513794	0.3	20	2	9
92-22	149.0	151.0	2.0	513795	0.3	17	2	12
92-22	151.0	153.0	2.0	513796	0.3	11	2	7
92-22	153.0	155.0	2.0	513797	0.3	27	2	5
92-22	155.0	156.6	1.6	513798	0.3	7	2	2
92-23	138.0	140.0	2.0	513799	0.4	178	6	26
92-23	140.0	142.0	2.0	513800	0.3	68	2	20
92-23	142.0	144.0	2.0	513801	0.3	121	4	17
92-23	144.0	146.0	2.0	513802	0.3	18	2	2
92-23	146.0	148.0	2.0	513803	0.3	23	3	2
92-23	148.0	150.0	2.0	513804	0.3	20	2	4
92-23	150.0	152.0	2.0	513805	0.3	35	3	6
92-23	152.0	154.0	2.0	513806	0.3	21	2	2
92-23	154.0	156.0	2.0	513807	0.3	32	2	2
92-23	156.0	158.0	2.0	513808	0.3	46	2	5
92-23	158.0	160.0	2.0	513809	0.3	9	2	2
92-23	160.0	162.0	2.0	513810	0.3	24	2	3
92-23	162.0	164.0	2.0	513811	0.3	61	2	4
92-23	164.0	166.0	2.0	513812	0.3	28	2	2
92-23	166.0	168.0	2.0	513813	0.5	118	5	10
92-23	168.0	170.0	2.0	513814	0.5	41	3	6
92-23	170.0	172.0	2.0	513815	0.3	27	2	2

CLISBAKO PROPERTY, SAMPLING OF PREVIOUSLY UNSPLIT CORE

Hole	From (m)	To (m)	Length (m)	Sample #	Ag(ppm)	As(ppm)	Sb(ppm)	Au(ppb)
92-23	172.0	174.0	2.0	513816	0.3	17	2	3
92-23	174.0	176.0	2.0	513817	0.6	88	3	10
92-23	176.0	178.0	2.0	513818	0.6	75	3	12
92-23	178.0	180.0	2.0	513819	0.4	255	7	21
92-23	180.0	182.0	2.0	513820	0.3	51	2	6
92-23	182.0	184.0	2.0	513821	0.4	59	3	7
92-23	184.0	185.0	1.0	513822	0.4	59	3	3
92-28	87.0	89.0	2.0	513823	0.5	64	3	16
92-28	89.0	91.0	2.0	513824	0.3	9	2	2
92-28	91.0	93.0	2.0	513825	0.3	21	2	6
92-28	93.0	95.0	2.0	513826	0.3	26	2	8
92-28	95.0	97.0	2.0	513827	0.3	18	2	8
92-28	97.0	99.0	2.0	513828	0.3	12	2	5
92-28	99.0	101.0	2.0	513829	0.5	7	2	17
92-28	101.0	103.0	2.0	513830	0.4	4	2	4
92-28	103.0	105.0	2.0	513831	0.3	16	3	7
92-28	105.0	107.0	2.0	513832	0.4	2	2	4
92-28	107.0	109.0	2.0	513833	0.4	25	2	11
92-28	109.0	111.0	2.0	513834	0.3	28	3	12
92-28	111.0	113.0	2.0	513835	0.3	48	2	15
92-28	113.0	115.0	2.0	513836	0.3	33	2	9
92-28	115.0	117.0	2.0	513837	0.3	46	2	12
92-28	117.0	119.0	2.0	513838	0.3	31	2	7
92-28	119.0	121.0	2.0	513839	0.3	9	3	2
92-28	121.0	123.0	2.0	513840	0.3	6	2	2
92-28	123.0	125.0	2.0	513841	0.3	65	4	15
92-28	125.0	127.0	2.0	513842	0.3	7	2	2
92-28	127.0	129.0	2.0	513843	0.3	31	3	5
92-28	129.0	131.0	2.0	513844	0.3	33	2	74
92-28	131.0	133.0	2.0	513845	0.3	23	2	5
92-28	133.0	135.0	2.0	513846	0.3	24	2	3
92-28	135.0	137.0	2.0	513847	0.3	11	3	4
92-28	137.0	139.0	2.0	513848	0.3	23	2	2
92-28	139.0	141.0	2.0	513849	0.3	6	2	2
92-28	141.0	143.0	2.0	513850	0.3	8	2	2
92-28	143.0	145.0	2.0	513851	0.3	98	2	15
92-28	145.0	147.0	2.0	513852	0.3	48	2	7
92-28	147.0	149.0	2.0	513853	0.3	58	2	8
92-28	149.0	151.0	2.0	513854	0.3	7	2	3
92-28	151.0	153.0	2.0	513855	0.3	5	2	5
92-28	153.0	154.5	1.5	513856	0.3	17	2	3
Total			708.5					

APPENDIX III

GEOCHEMICAL ANALYSES

Phelps Dodge Corporation of Canada, Limited #1409-409 Granville Street, Vancouver, BC V6C 1T8
Telephone (604) 669-2954 Fax (604) 681-3920

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Phelps Dodge Corp. PROJECT 236 File # 95-4455 Page 1

1409 - 409 Granville St., Vancouver BC V6T 1T2 Submitted by: Robert Cameron

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
513501	2	15	20	57	.6	10	6	202	1.66	142	<5	<2	4	15	.3	5	<2	10	.23	.050	23	6	.40	27	<.01	<3	.80	.01	.22	<2	10
513502	1	25	10	49	.6	7	6	147	1.50	255	<5	<2	4	16	.6	6	<2	8	.21	.044	22	5	.34	32	<.01	<3	.78	.01	.23	<2	25
513503	2	16	15	51	.7	8	7	188	1.58	288	<5	<2	4	15	.5	7	<2	6	.19	.042	21	5	.34	44	<.01	<3	.78	.01	.21	<2	35
513504	2	15	10	42	.3	8	6	222	1.56	137	<5	<2	2	13	.6	6	<2	7	.19	.041	14	7	.37	29	<.01	<3	.85	.01	.24	<2	26
513505	4	18	18	46	.9	8	6	202	1.69	486	<5	<2	2	14	<.2	16	<2	7	.19	.040	25	7	.39	30	<.01	<3	.82	.01	.24	<2	36
513506	3	21	17	55	.7	10	7	256	1.90	292	<5	<2	2	15	.2	9	<2	9	.20	.044	16	7	.42	46	<.01	<3	.92	.01	.25	<2	36
513507	2	13	10	47	.7	11	6	176	1.27	53	<5	<2	3	15	.5	<2	<2	5	.18	.037	18	6	.29	122	<.01	<3	.72	.01	.24	<2	7
513508	1	15	17	54	.4	8	7	221	1.66	60	<5	<2	4	16	.2	<2	<2	6	.20	.046	18	6	.38	45	<.01	<3	.92	.01	.26	<2	9
513509	2	13	18	50	.3	6	6	663	1.71	83	<5	<2	3	22	.2	5	<2	7	.49	.058	14	6	.37	31	<.01	<3	.85	.01	.24	<2	14
513510	4	25	17	47	.9	8	7	180	1.99	442	<5	<2	4	16	.3	12	<2	3	.22	.051	18	4	.14	25	<.01	<3	.49	.01	.24	<2	18
RE 513510	3	24	17	45	.8	9	6	176	1.94	426	5	<2	4	16	.3	11	<2	4	.22	.050	18	4	.14	25	<.01	<3	.49	.01	.23	<2	30
RRE 513510	4	23	20	49	.6	5	7	196	1.97	446	<5	<2	3	16	.4	10	7	4	.22	.050	19	3	.14	24	<.01	<3	.50	<.01	.24	<2	24
513511	3	22	18	59	1.1	8	6	165	2.37	743	<5	<2	2	15	.3	14	<2	2	.20	.045	12	3	.06	26	<.01	<3	.38	<.01	.20	<2	54
513512	2	20	15	46	.5	7	6	476	2.00	66	9	<2	2	50	.3	<2	2	20	1.00	.041	13	7	.45	30	<.01	<3	.87	<.01	.21	<2	14
513513	<1	21	15	58	<.3	6	7	810	2.57	10	<5	<2	2	110	<.2	2	<2	30	2.76	.042	16	9	.64	28	<.01	<3	1.24	<.01	.24	<2	3
513514	2	22	17	60	.5	4	6	575	1.88	10	<5	<2	<2	72	<.2	<2	<2	22	1.98	.044	18	9	.58	31	<.01	<3	1.06	.01	.24	<2	<2
513515	5	27	13	56	.3	4	7	646	2.41	20	<5	<2	3	104	<.2	<2	<2	29	2.34	.044	14	9	.45	41	<.01	<3	1.11	.01	.25	<2	9
513516	3	23	13	53	.3	6	8	721	3.00	18	<5	<2	2	64	<.2	<2	<2	28	1.95	.043	17	9	.38	52	<.01	<3	1.24	.01	.26	<2	7
513517	5	13	10	39	.5	6	6	363	2.37	78	<5	<2	<2	35	.3	<2	4	19	.85	.044	13	8	.27	35	<.01	<3	.83	.01	.24	<2	27
513518	4	14	13	36	.4	5	6	1095	2.23	38	<5	<2	3	104	.2	3	2	17	3.23	.041	12	9	.32	28	<.01	<3	.89	.01	.24	<2	10
513519	3	29	12	52	<.3	5	7	726	2.81	16	<5	<2	3	63	.5	<2	3	18	2.12	.044	16	8	.41	41	<.01	<3	1.21	.01	.27	<2	6
513520	4	26	16	53	.4	5	7	678	2.60	37	<5	<2	3	59	.2	3	<2	18	1.97	.047	17	9	.37	51	<.01	<3	1.04	.01	.25	<2	6
513521	3	17	14	43	<.3	6	6	862	2.12	21	<5	<2	3	86	.2	<2	2	15	2.73	.046	18	8	.34	46	<.01	<3	1.02	<.01	.29	<2	3
513522	5	27	18	51	.8	7	8	667	2.66	79	7	<2	2	42	.3	2	4	14	1.11	.045	12	7	.28	54	<.01	<3	.98	.01	.25	<2	23
RE 513522	5	25	12	55	.5	4	9	694	2.77	79	5	<2	<2	44	.5	<2	<2	15	1.16	.047	14	7	.30	56	<.01	<3	1.03	.01	.26	<2	28
RRE 513522	5	21	13	52	.7	5	8	669	2.69	79	5	<2	2	42	.3	<2	3	14	1.09	.046	12	7	.28	57	<.01	<3	1.02	.01	.26	<2	23
513523	2	18	17	53	<.3	4	7	793	2.55	7	<5	<2	3	77	.2	<2	<2	16	2.53	.048	20	9	.41	52	<.01	<3	1.15	.01	.29	<2	5
513524	2	21	15	51	<.3	3	8	752	2.54	45	<5	<2	2	67	<.2	<2	2	16	1.88	.048	19	9	.41	50	<.01	<3	1.13	.01	.29	<2	7
513525	3	13	14	50	<.3	5	6	709	2.13	21	<5	<2	2	68	.6	<2	2	13	2.17	.046	18	9	.42	56	<.01	<3	1.03	.01	.25	<2	7
513526	3	27	12	61	.4	6	7	712	2.34	43	<5	<2	2	60	<.2	<2	6	12	1.68	.046	16	7	.41	31	<.01	<3	1.07	.01	.25	<2	7
513527	5	29	11	55	.6	4	8	542	2.75	107	<5	<2	<2	38	<.2	2	3	12	1.01	.046	12	7	.32	30	<.01	<3	.98	.01	.23	<2	9
513528	5	23	15	47	.6	6	8	625	3.36	62	<5	<2	2	41	.3	<2	2	23	1.15	.046	14	8	.54	41	<.01	<3	1.32	.01	.20	<2	8
513529	5	19	15	52	<.3	3	6	592	2.17	<2	<5	<2	2	113	.4	<2	5	31	2.98	.043	19	9	.65	89	<.01	<3	1.19	.01	.21	<2	2
513530	5	19	16	51	<.3	4	6	545	2.06	2	<5	<2	2	126	<.2	4	3	32	2.22	.047	18	10	.69	60	<.01	<3	1.28	.01	.25	<2	7
513531	3	18	11	55	.3	5	5	528	2.06	5	<5	<2	2	152	.2	<2	<2	24	2.18	.047	17	9	.59	41	<.01	<3	1.14	.01	.24	<2	5
513532	1	18	11	55	<.3	6	5	485	2.09	9	<5	<2	<2	142	.2	<2	<2	18	2.29	.044	12	9	.53	45	<.01	<3	1.10	.01	.24	<2	<2
513533	1	18	16	53	<.3	4	6	569	2.20	14	6	<2	<2	91	.2	<2	<2	14	2.60	.042	12	6	.50	31	<.01	<3	1.09	<.01	.23	<2	3
STANDARD C/AU-R	21	59	36	131	6.4	65	33	1047	3.85	41	20	7	37	52	18.8	18	22	61	.47	.094	41	59	.88	176	.08	28	1.80	.07	.15	10	488

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE AU** ANALYSIS BY FA/ICP FROM 30 GM SAMPLE.
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 31 1995 DATE REPORT MAILED: Nov 15/95 SIGNED BY: D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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
513534	1	16	14	46	<.3	5	6	474	1.88	114	<5	<2	2	91	<.2	5	<2	11	2.51	.044	12	8	.47	22	<.01	<3	.97	.01	.23	<2	11
513535	2	32	17	52	<.3	5	5	514	1.85	9	<5	<2	3	94	<.2	3	<2	14	3.19	.045	13	10	.51	25	<.01	<3	.97	.01	.22	<2	5
513536	10	27	11	45	<.3	5	6	305	1.77	49	<5	<2	2	43	<.2	<2	5	7	1.52	.046	9	6	.26	58	<.01	<3	.64	<.01	.22	<2	15
513537	5	13	15	37	<.3	4	4	230	1.57	37	<5	<2	6	40	<.2	3	<2	7	.69	.037	13	6	.22	31	<.01	<3	.59	.01	.20	<2	12
513538	3	15	16	37	<.3	4	2	444	1.24	4	<5	<2	8	113	<.2	<2	2	13	2.11	.026	18	7	.21	24	<.01	<3	.61	.01	.19	<2	3
513539	4	13	16	34	.3	3	2	437	1.25	5	<5	<2	7	143	<.2	3	<2	11	2.39	.025	16	7	.19	21	<.01	<3	.65	<.01	.20	<2	4
513540	3	12	19	44	<.3	3	2	441	1.22	7	<5	<2	9	154	<.2	<2	4	13	2.30	.026	18	5	.19	38	<.01	<3	.63	.01	.21	<2	2
513541	5	20	17	33	<.3	4	2	374	1.16	11	<5	<2	7	120	<.2	3	2	11	1.80	.026	17	8	.17	317	<.01	<3	.58	.01	.22	<2	<2
513542	3	15	20	32	<.3	4	2	288	1.16	11	<5	<2	9	55	<.2	<2	4	12	.82	.027	21	8	.16	216	<.01	<3	.59	.01	.20	<2	4
513543	3	15	12	35	<.3	3	3	387	1.10	10	<5	<2	8	150	.3	<2	<2	11	2.30	.026	18	6	.16	21	<.01	<3	.59	<.01	.20	<2	10
513544	3	12	17	36	<.3	2	2	388	1.05	3	<5	<2	6	143	<.2	<2	4	10	2.06	.025	16	7	.16	18	<.01	<3	.55	<.01	.20	<2	4
513545	4	13	16	34	<.3	4	2	412	1.11	5	<5	<2	6	182	<.2	<2	5	11	2.54	.024	17	7	.16	19	<.01	<3	.58	<.01	.21	<2	4
RE 513545	3	9	15	33	<.3	3	2	407	1.10	6	<5	<2	7	179	<.2	<2	2	11	2.51	.025	17	7	.16	20	<.01	<3	.58	.01	.22	<2	2
RRE 513545	3	11	15	33	<.3	3	2	423	1.14	6	<5	<2	7	186	.3	3	2	11	2.61	.026	18	7	.16	21	<.01	<3	.60	<.01	.23	<2	<2
513546	3	13	16	37	<.3	2	3	345	1.18	8	<5	<2	8	112	<.2	<2	2	12	1.54	.027	20	6	.17	29	<.01	<3	.59	.01	.21	<2	2
513547	5	16	13	39	.3	5	2	356	1.20	2	<5	<2	7	120	<.2	<2	<2	11	1.72	.026	17	8	.17	33	<.01	<3	.61	.01	.23	<2	3
513548	4	13	12	38	<.3	4	2	332	1.11	27	<5	<2	8	108	<.2	<2	2	10	1.59	.026	18	8	.15	24	<.01	<3	.53	.01	.20	<2	7
513549	3	13	16	35	<.3	4	2	340	1.16	5	<5	<2	8	99	<.2	2	3	11	1.42	.026	20	6	.17	54	<.01	<3	.58	<.01	.21	<2	3
513550	4	12	17	35	<.3	6	2	330	1.17	10	<5	<2	6	95	<.2	<2	3	10	1.44	.024	15	9	.16	28	<.01	<3	.56	<.01	.20	<2	3
513551	4	7	14	35	<.3	4	2	309	1.18	11	<5	<2	8	103	.2	<2	6	11	1.53	.024	15	8	.15	27	<.01	<3	.53	.01	.21	<2	10
513552	3	9	15	34	<.3	4	2	330	1.15	8	<5	<2	9	113	<.2	<2	<2	11	1.71	.024	17	6	.17	27	<.01	<3	.56	.01	.21	<2	5
513553	1	21	8	67	<.3	6	6	258	1.85	45	<5	<2	3	30	<.2	<2	5	21	.25	.046	31	11	.57	59	<.01	<3	1.07	.01	.22	<2	4
513554	2	24	14	129	<.3	10	13	1004	2.43	15	<5	<2	4	35	<.2	<2	3	24	.31	.050	30	13	.65	71	<.01	<3	1.14	.01	.22	<2	2
513555	1	24	14	103	<.3	5	9	571	1.86	41	<5	<2	3	34	<.2	2	2	15	.24	.047	29	9	.47	33	<.01	<3	1.03	<.01	.27	<2	3
513556	1	22	17	183	<.3	12	21	1572	2.63	3	<5	<2	3	36	.3	4	<2	14	.34	.053	31	11	.68	22	<.01	<3	1.16	.01	.23	<2	2
513557	1	34	17	78	<.3	7	8	304	2.11	8	<5	<2	3	36	<.2	2	4	18	.31	.053	31	11	.70	32	<.01	<3	1.29	.01	.23	<2	3
513558	1	32	13	150	<.3	15	22	1900	2.94	5	<5	<2	4	32	<.2	9	4	18	.32	.052	30	10	.68	61	<.01	<3	1.18	.01	.24	<2	3
513559	2	23	15	142	<.3	12	18	1474	2.72	3	<5	<2	3	35	<.2	4	<2	21	.32	.049	28	11	.71	46	<.01	<3	1.25	.02	.23	<2	<2
RE 513559	2	20	11	129	<.3	10	17	1400	2.59	2	<5	<2	2	33	<.2	<2	<2	21	.31	.046	25	10	.67	42	<.01	<3	1.15	.01	.22	<2	<2
RRE 513559	2	25	10	130	<.3	12	17	1391	2.56	2	<5	<2	2	33	<.2	<2	3	20	.31	.046	26	11	.67	42	<.01	<3	1.15	.01	.22	<2	<2
513560	2	28	13	103	<.3	11	14	1170	2.38	10	<5	<2	2	29	<.2	4	<2	16	.29	.047	26	10	.65	24	<.01	<3	1.09	.01	.21	<2	<2
513561	1	23	12	115	<.3	10	13	873	2.16	15	<5	<2	3	28	<.2	3	3	13	.27	.051	29	10	.59	23	<.01	<3	1.07	.01	.25	<2	<2
513562	2	19	16	63	.4	5	7	265	1.83	120	<5	<2	3	30	.2	5	4	13	.27	.049	29	11	.57	22	<.01	<3	1.09	.02	.25	<2	33
513563	1	31	16	86	<.3	7	9	501	2.08	35	<5	<2	3	33	<.2	<2	<2	14	.29	.048	29	10	.62	22	<.01	<3	1.18	.01	.25	<2	19
513564	1	35	15	106	<.3	8	12	818	2.35	96	<5	<2	4	38	<.2	4	<2	14	.30	.052	33	9	.62	20	<.01	<3	1.21	.01	.25	<2	10
513565	2	21	14	69	<.3	7	8	452	2.12	31	<5	<2	4	25	<.2	<2	<2	10	.25	.044	26	9	.52	16	<.01	<3	1.08	<.01	.25	<2	6
513566	2	16	15	62	.3	6	7	236	1.88	40	<5	<2	2	18	.2	4	<2	10	.21	.048	27	9	.44	19	<.01	<3	.98	.01	.25	<2	5
STANDARD C/AU-R	22	62	38	129	6.6	68	33	1076	3.87	41	18	8	39	53	18.3	17	20	59	.47	.096	41	61	.88	188	.07	28	1.74	.07	.15	12	501

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

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
513567	1	18	15	50	<.3	5	7	222	1.67	15	<5	<2	4	19	.2	3	5	10	.20	.042	23	8	.45	17	<.01	<3	1.01	.01	.26	<2	6
513568	2	21	13	57	<.3	7	7	275	1.55	30	<5	<2	3	18	<.2	<2	<2	10	.19	.042	25	9	.45	20	<.01	<3	1.01	.01	.29	<2	22
513569	1	20	10	52	<.3	2	6	303	1.16	8	<5	<2	3	15	<.2	<2	<2	8	.17	.038	20	8	.35	16	<.01	<3	.77	.01	.24	<2	4
513570	1	18	9	75	<.3	7	9	1130	2.12	3	<5	<2	<2	18	.3	<2	3	11	.23	.044	25	8	.52	18	<.01	<3	1.06	.01	.28	<2	5
513571	1	13	10	52	<.3	3	6	401	1.36	4	<5	<2	2	18	.3	2	<2	10	.20	.038	23	8	.43	15	<.01	<3	.84	.01	.21	<2	5
513572	2	20	12	46	.4	6	7	192	1.45	296	<5	<2	2	17	.4	8	2	11	.20	.044	23	7	.44	16	<.01	<3	.90	.01	.25	<2	34
513573	2	23	10	39	.4	7	7	97	.94	120	<5	<2	3	22	.4	6	2	9	.22	.040	19	7	.24	15	<.01	<3	.70	<.01	.20	<2	52
513574	2	20	10	43	<.3	7	7	158	1.32	93	<5	<2	3	29	.2	2	4	11	.27	.042	21	8	.40	18	<.01	<3	.94	.01	.23	<2	88
513575	1	22	13	45	.3	6	7	185	1.51	144	<5	<2	3	19	<.2	7	3	10	.21	.041	21	9	.44	15	<.01	<3	.92	.01	.24	<2	40
513576	1	21	9	50	<.3	8	6	198	1.58	60	<5	<2	3	32	.2	3	2	11	.26	.042	23	8	.50	412	<.01	<3	1.04	.01	.23	<2	23
513577	1	17	10	50	.4	7	7	195	1.58	85	<5	<2	2	29	<.2	7	<2	12	.27	.043	23	7	.50	23	<.01	<3	1.03	.01	.20	<2	41
513578	2	13	11	40	.3	5	6	204	1.46	32	<5	<2	2	26	.2	6	3	13	.24	.039	22	7	.46	19	<.01	<3	1.03	<.01	.22	<2	15
513579	1	19	11	53	.3	7	7	255	2.13	59	<5	<2	2	30	.2	2	5	16	.28	.046	23	11	.60	18	<.01	<3	1.24	.02	.18	<2	53
513580	1	14	9	47	<.3	5	6	671	2.31	14	<5	<2	3	37	.2	<2	<2	16	.87	.036	19	8	.53	18	<.01	3	1.10	.01	.24	<2	7
RE 513580	2	16	14	48	<.3	5	7	705	2.42	11	<5	<2	3	39	<.2	<2	<2	18	.92	.038	21	10	.55	18	<.01	<3	1.16	.01	.23	<2	11
RRE 513580	4	58	18	55	<.3	7	7	711	2.42	9	<5	<2	2	39	.2	3	5	18	.92	.039	21	9	.56	20	<.01	<3	1.16	.01	.25	<2	7
513581	1	26	11	52	<.3	7	6	443	2.03	<2	<5	<2	2	44	<.2	<2	3	20	1.00	.043	22	11	.63	25	<.01	<3	1.16	.02	.23	<2	<2
513582	1	22	8	49	<.3	5	6	416	1.80	7	<5	<2	3	67	<.2	<2	<2	19	1.81	.042	23	10	.59	51	<.01	<3	1.01	.02	.20	<2	<2
513583	1	20	8	54	<.3	6	6	320	1.99	4	<5	<2	2	50	<.2	<2	<2	18	1.11	.046	22	8	.67	43	<.01	<3	1.18	.03	.20	<2	<2
513584	1	22	6	55	<.3	5	6	305	2.13	31	5	<2	<2	27	.2	<2	2	22	.52	.043	19	8	.68	46	<.01	<3	1.09	.04	.19	<2	4
513585	2	20	10	57	<.3	7	7	285	2.14	71	<5	<2	<2	22	<.2	<2	3	23	.25	.046	23	9	.70	83	<.01	<3	1.12	.03	.21	<2	18
513586	1	23	11	58	<.3	5	6	414	2.25	41	<5	<2	2	49	.3	<2	<2	26	1.00	.047	27	8	.76	47	<.01	<3	1.19	.04	.21	<2	6
513587	1	24	10	55	<.3	5	7	487	2.13	26	<5	<2	<2	72	.2	<2	6	23	1.68	.045	24	8	.73	42	<.01	<3	1.14	.04	.18	<2	8
513588	1	26	13	54	.4	6	7	412	2.47	123	<5	<2	2	40	<.2	<2	<2	21	.80	.047	22	8	.72	33	<.01	<3	1.26	.03	.19	<2	21
513589	<1	20	13	55	<.3	6	7	330	2.21	25	<5	<2	<2	28	<.2	<2	<2	23	.37	.049	24	12	.75	45	<.01	<3	1.26	.03	.23	<2	7
513590	1	25	11	51	<.3	7	6	339	1.99	26	<5	<2	2	38	<.2	<2	3	20	.81	.044	20	10	.67	41	<.01	<3	1.06	.03	.20	<2	3
513591	1	20	12	53	<.3	6	6	302	2.09	51	<5	<2	2	22	<.2	<2	<2	20	.25	.044	21	11	.66	56	<.01	<3	1.11	.03	.21	<2	7
513592	1	21	9	46	<.3	6	6	411	1.87	32	<5	<2	<2	60	.2	<2	5	19	1.52	.041	20	11	.62	37	<.01	<3	1.05	.02	.20	<2	6
513593	1	19	13	50	.3	5	5	664	1.92	25	<5	<2	<2	65	<.2	2	6	19	1.55	.041	23	9	.61	37	<.01	<3	1.12	.02	.21	<2	6
513594	1	19	11	52	<.3	6	6	458	1.91	23	<5	<2	<2	39	<.2	2	<2	18	.59	.044	22	9	.62	35	<.01	<3	1.13	.01	.21	<2	<2
RE 513594	<1	22	11	50	<.3	5	6	437	1.84	22	<5	<2	3	37	.4	<2	3	17	.57	.043	22	8	.60	34	<.01	<3	1.09	.01	.20	<2	<2
RRE 513594	<1	20	13	51	<.3	5	6	447	1.92	22	7	<2	2	40	.3	<2	3	19	.62	.043	22	9	.63	35	<.01	<3	1.15	.01	.23	<2	<2
513595	1	22	16	44	.4	7	7	224	2.00	207	<5	<2	<2	39	.3	9	<2	18	.36	.046	18	8	.61	26	<.01	<3	1.32	.01	.21	<2	51
513596	1	22	10	48	.5	5	6	211	1.66	119	<5	<2	2	31	.3	2	<2	17	.29	.043	23	8	.59	30	<.01	<3	1.14	.01	.22	<2	12
513597	1	27	15	45	.6	4	6	205	1.73	196	<5	<2	3	40	.3	5	<2	15	.36	.046	23	8	.63	19	<.01	<3	1.24	.01	.21	<2	32
513598	4	24	13	50	.6	4	6	173	1.54	272	<5	<2	2	25	<.2	7	2	13	.26	.041	20	7	.48	24	<.01	<3	1.00	<.01	.23	<2	74
513599	4	21	15	49	1.6	6	7	197	2.59	1653	<5	<2	2	22	.4	40	5	16	.23	.043	16	8	.32	61	<.01	<3	1.04	<.01	.24	<2	266
STANDARD C/AU-R	22	57	38	133	6.2	66	33	1041	3.84	39	21	7	37	53	19.6	18	18	59	.49	.093	41	61	.90	174	.08	25	1.84	.07	.16	10	456

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

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
513600	3	25	18	52	.7	7	9	516	3.80	731	<5	<2	3	32	1.0	18	<2	19	.40	.051	17	8	.35	32	<.01	<3	1.52	.01	.36	<2	70
513601	3	24	14	52	<.3	7	7	936	3.47	180	<5	<2	2	63	1.0	<2	7	18	1.69	.048	16	7	.26	52	<.01	<3	1.31	<.01	.37	<2	18
513602	5	19	17	43	.8	6	7	254	3.11	1055	<5	<2	2	18	.5	26	4	15	.22	.046	18	6	.25	47	<.01	<3	1.22	<.01	.36	<2	171
513603	3	19	20	51	.5	6	8	280	3.44	669	<5	<2	3	16	.7	18	<2	19	.21	.051	19	7	.36	28	<.01	<3	1.32	.01	.32	<2	49
513604	3	22	17	45	.7	4	6	186	2.29	962	<5	<2	2	17	.6	23	<2	14	.21	.044	16	8	.29	38	<.01	<3	.93	.01	.29	<2	131
513605	4	31	13	47	.5	6	7	187	2.05	283	<5	<2	2	18	.3	6	<2	13	.22	.048	18	8	.38	33	<.01	<3	.95	<.01	.27	<2	43
513606	3	30	12	50	.3	7	6	199	1.75	97	<5	<2	3	23	.5	4	3	19	.24	.045	21	9	.61	38	<.01	<3	1.07	<.01	.23	<2	29
513607	4	15	15	46	.3	7	6	180	1.48	99	<5	<2	2	22	<.2	6	<2	13	.23	.045	23	7	.53	27	<.01	<3	.97	<.01	.22	<2	14
513608	1	15	10	50	<.3	5	6	203	1.60	33	<5	<2	3	53	.5	<2	<2	9	.44	.047	23	6	.68	13	<.01	<3	1.40	.01	.22	<2	10
513609	1	27	12	53	<.3	5	6	177	1.71	136	<5	<2	3	24	.3	5	<2	12	.26	.050	24	6	.57	19	<.01	<3	1.09	<.01	.26	<2	38
513610	2	23	11	52	<.3	8	6	292	1.72	90	<5	<2	3	23	<.2	<2	<2	16	.25	.047	23	8	.55	41	<.01	<3	1.10	<.01	.26	<2	12
RE 513610	3	20	16	51	<.3	7	6	292	1.70	89	<5	<2	3	23	.2	4	<2	16	.25	.046	22	10	.55	41	<.01	<3	1.10	.01	.26	<2	11
RRE 513610	2	19	13	47	<.3	7	6	308	1.71	84	<5	<2	4	23	.4	4	5	16	.25	.047	22	9	.55	38	<.01	<3	1.07	<.01	.25	<2	6
513611	1	38	9	50	<.3	6	5	368	1.41	20	<5	<2	4	23	.4	2	<2	12	.24	.042	22	7	.47	31	<.01	<3	1.00	.01	.26	<2	14
513612	1	28	6	49	<.3	8	5	228	1.31	7	<5	<2	3	23	<.2	<2	2	10	.23	.040	20	7	.48	21	<.01	<3	.95	.01	.22	<2	4
513613	2	28	12	53	<.3	8	5	568	1.64	47	<5	<2	4	53	<.2	3	<2	10	1.25	.046	24	9	.54	32	<.01	<3	1.06	<.01	.27	<2	5
513614	4	26	16	46	.3	8	5	233	1.63	156	<5	<2	4	26	.3	7	<2	9	.64	.044	21	6	.29	24	<.01	<3	.76	.01	.26	<2	47
513615	6	29	14	26	<.3	7	4	117	1.41	111	<5	<2	3	17	.4	<2	<2	9	.32	.046	21	8	.20	26	<.01	<3	.69	<.01	.30	<2	29
513616	5	23	15	26	<.3	7	4	41	1.29	225	<5	<2	4	12	<.2	8	<2	5	.18	.046	21	5	.10	32	<.01	<3	.50	<.01	.28	<2	66
513617	7	14	15	34	<.3	5	5	29	1.22	236	<5	<2	2	11	<.2	9	<2	3	.16	.042	15	5	.07	59	<.01	<3	.50	<.01	.32	<2	75
513618	2	25	16	39	<.3	5	5	218	2.01	100	<5	<2	2	19	.6	5	<2	10	.41	.049	21	6	.25	37	<.01	<3	.87	<.01	.31	<2	26
513619	1	29	11	35	<.3	5	5	186	1.68	150	<5	<2	3	22	<.2	5	<2	9	.49	.047	21	7	.31	32	<.01	<3	.86	<.01	.30	<2	40
513620	1	31	11	45	<.3	6	5	780	1.86	93	<5	<2	3	101	<.2	4	<2	8	2.84	.046	21	5	.23	85	<.01	<3	.83	.01	.30	<2	19
513621	1	24	12	43	<.3	6	6	254	1.56	94	<5	<2	2	29	<.2	5	<2	8	.79	.046	21	7	.34	32	<.01	<3	.89	<.01	.29	<2	15
513622	3	24	8	58	<.3	5	6	417	2.04	57	<5	<2	4	27	<.2	5	<2	13	.50	.046	24	8	.49	34	<.01	<3	1.12	<.01	.27	<2	5
RE 513622	3	19	10	50	<.3	7	6	396	1.95	53	<5	<2	2	25	<.2	4	<2	14	.48	.045	22	8	.46	33	<.01	<3	1.06	.01	.25	<2	6
RRE 513622	3	23	5	55	<.3	5	6	409	1.93	50	<5	<2	2	26	.4	3	<2	12	.49	.044	22	7	.46	32	<.01	<3	1.07	<.01	.26	<2	8
513623	1	24	12	53	<.3	5	6	804	1.75	48	<5	<2	3	43	.2	2	<2	8	1.08	.045	25	6	.36	28	<.01	<3	.93	<.01	.28	<2	11
513624	3	28	12	57	<.3	9	7	698	2.76	60	5	<2	4	40	<.2	3	<2	19	.81	.046	21	8	.44	66	<.01	<3	1.32	.01	.32	<2	17
513625	8	25	11	51	<.3	7	9	426	2.76	152	<5	<2	3	16	<.2	4	<2	14	.31	.043	15	8	.26	44	<.01	<3	1.13	<.01	.34	<2	38
513626	75	22	11	43	.9	9	9	386	2.33	214	5	<2	3	11	<.2	8	<2	13	.16	.042	18	6	.22	35	<.01	<3	.99	<.01	.32	<2	45
513627	3	23	8	41	.3	6	5	139	1.30	99	<5	<2	4	13	<.2	8	2	7	.18	.042	21	5	.23	24	<.01	<3	.73	.01	.25	<2	24
513628	4	21	7	37	.7	5	4	94	1.19	192	<5	<2	4	16	.2	11	2	7	.17	.040	20	6	.30	27	<.01	<3	.73	<.01	.25	<2	35
513629	5	34	8	47	.7	7	5	117	1.29	179	9	<2	5	18	.2	9	<2	7	.20	.043	21	5	.40	43	<.01	<3	.86	<.01	.26	<2	35
513630	14	22	12	43	.6	7	6	271	1.98	309	<5	<2	3	13	<.2	10	2	10	.18	.043	19	7	.29	32	<.01	<3	.89	.01	.27	<2	42
513631	5	22	7	50	.4	9	7	427	2.21	105	<5	<2	2	12	.3	6	<2	11	.16	.041	17	7	.31	37	<.01	<3	1.02	.01	.28	<2	65
513632	3	20	8	56	<.3	8	8	638	3.32	55	8	<2	3	13	<.2	4	<2	16	.18	.043	20	9	.45	57	<.01	<3	1.41	<.01	.29	<2	5
STANDARD C/AU-R	22	62	38	136	6.2	73	30	1091	4.04	43	20	8	40	56	19.4	17	18	58	.51	.098	39	58	.94	184	.09	26	1.95	.06	.18	10	447

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

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
513633	9	24	16	53	.8	10	12	570	4.18	311	5	<2	3	15	<.2	5	5	16	.20	.047	20	8	.46	35	<.01	<3	1.41	<.01	.24	<2	73
513634	3	21	12	59	<.3	9	6	337	2.10	20	<5	<2	4	36	<.2	3	<2	37	.44	.046	24	11	.68	50	<.01	<3	1.29	.01	.18	<2	5
513635	2	20	8	49	.3	7	6	234	1.86	9	6	<2	3	24	<.2	3	2	32	.24	.040	19	10	.57	30	<.01	<3	1.03	.02	.16	<2	4
513636 NOT RECEIVED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
513637	4	26	12	58	.3	8	6	284	2.15	5	<5	<2	4	26	<.2	<2	<2	37	.35	.044	21	11	.65	28	<.01	<3	1.16	.03	.15	<2	5
513638	3	26	13	56	<.3	8	6	439	2.02	5	6	<2	3	37	<.2	4	3	36	.68	.043	22	11	.61	26	<.01	<3	1.11	.02	.17	<2	5
513639	3	23	11	52	<.3	9	7	389	2.22	9	<5	<2	<2	38	<.2	6	<2	28	.60	.043	22	12	.69	47	<.01	<3	1.30	.02	.20	<2	3
513640	1	23	8	48	<.3	8	6	495	1.99	6	<5	<2	2	76	<.2	2	4	26	2.01	.044	24	11	.65	43	<.01	<3	1.10	.04	.20	<2	2
513641	2	20	4	51	<.3	9	6	569	2.04	<2	<5	<2	2	78	.4	2	2	29	2.23	.041	23	11	.63	41	<.01	<3	1.04	.04	.16	<2	7
513642	6	24	8	52	<.3	9	6	574	2.35	5	<5	<2	2	68	<.2	<2	<2	29	2.11	.045	24	13	.67	41	<.01	<3	1.16	.04	.17	<2	4
513643	4	24	8	51	<.3	7	6	371	2.19	15	5	<2	<2	42	.3	<2	<2	24	1.07	.043	24	11	.67	53	<.01	<3	1.18	.02	.19	<2	5
513644	3	24	6	56	<.3	8	7	566	2.48	24	5	<2	<2	81	<.2	3	<2	25	2.40	.044	22	11	.70	44	<.01	<3	1.26	.03	.19	<2	4
513645	2	21	7	51	<.3	9	6	486	2.16	30	<5	<2	2	67	.6	2	2	29	1.96	.041	21	12	.65	49	<.01	<3	1.12	.04	.18	<2	5
RE 513645	2	21	10	53	<.3	11	7	498	2.21	27	<5	<2	<2	68	<.2	2	<2	29	2.01	.042	22	13	.67	51	<.01	<3	1.15	.04	.19	<2	6
RRE 513645	2	24	8	49	.3	8	6	487	2.17	28	<5	<2	2	67	<.2	<2	3	28	1.98	.041	21	13	.65	47	<.01	<3	1.10	.04	.18	<2	7
513646	3	26	8	48	<.3	9	6	542	2.23	<2	<5	<2	2	88	.3	<2	4	31	2.23	.042	23	11	.67	64	<.01	<3	1.15	.04	.19	<2	<2
513647	3	21	9	49	<.3	8	6	558	2.19	3	8	<2	2	108	.4	<2	<2	26	2.74	.040	20	11	.65	56	<.01	<3	1.16	.02	.19	<2	2
513648	2	31	9	49	.3	8	6	457	2.20	<2	5	<2	4	65	<.2	<2	<2	20	1.63	.038	21	10	.55	33	<.01	<3	1.17	.01	.23	<2	<2
513649	1	36	13	49	<.3	7	6	504	2.01	<2	<5	<2	4	96	.3	3	2	16	2.65	.041	25	9	.55	69	<.01	<3	1.12	.02	.21	<2	<2
513650	1	31	12	54	<.3	9	6	469	2.31	2	<5	<2	5	83	<.2	<2	<2	27	1.97	.044	24	11	.61	32	<.01	<3	1.20	.01	.23	<2	3
513651	2	25	14	58	<.3	10	10	1059	5.53	16	16	<2	3	103	<.2	<2	<2	41	2.62	.044	11	10	.62	47	<.01	<3	1.71	.03	.18	<2	11
513652	2	22	14	51	<.3	9	6	702	2.56	<2	<5	<2	2	120	<.2	3	<2	39	2.67	.047	22	14	.61	41	<.01	<3	1.27	.02	.20	<2	10
513653	4	26	12	54	<.3	9	6	570	2.07	<2	<5	<2	3	108	.5	<2	<2	39	2.55	.045	24	11	.62	63	<.01	<3	1.16	.02	.19	<2	7
513654	3	20	6	54	<.3	10	6	659	2.48	2	<5	<2	3	120	<.2	<2	<2	37	2.52	.044	16	10	.60	49	<.01	<3	1.12	.01	.21	<2	3
513655	9	24	10	53	<.3	8	8	356	3.77	38	10	<2	3	61	.2	<2	4	29	.62	.044	15	8	.48	37	<.01	<3	1.04	.01	.19	<2	9
513656	7	25	14	29	.4	9	8	292	2.34	39	<5	<2	2	54	.4	6	<2	14	.81	.047	16	7	.22	56	<.01	<3	.70	.01	.20	<2	3
513657	1	26	17	51	<.3	9	7	529	2.82	6	10	<2	3	88	.4	4	<2	28	2.06	.047	13	11	.56	21	<.01	<3	1.15	.01	.20	<2	3
RE 513657	2	22	12	49	<.3	8	7	492	2.62	5	<5	<2	2	83	.4	<2	2	24	1.92	.044	14	9	.52	19	<.01	<3	1.07	.01	.19	<2	5
RRE 513657	2	25	13	54	.3	8	6	493	2.59	6	5	<2	3	82	.4	<2	3	26	1.95	.044	13	9	.53	20	<.01	<3	1.11	.02	.21	<2	4
513658	1	24	13	51	<.3	8	7	649	3.01	4	<5	<2	3	96	.2	<2	2	35	2.61	.044	15	10	.59	24	<.01	<3	1.27	.02	.17	<2	2
513659	4	25	10	58	<.3	10	6	513	2.11	<2	<5	<2	3	107	.2	<2	<2	37	2.47	.044	16	10	.60	31	<.01	<3	1.05	.02	.16	<2	3
513660	4	25	13	53	<.3	8	6	314	2.07	12	<5	<2	2	39	<.2	<2	<2	32	.49	.042	15	9	.54	76	<.01	<3	.90	.03	.17	<2	11
513661	5	25	8	58	<.3	12	6	426	2.26	2	<5	<2	3	89	<.2	<2	2	39	1.66	.047	17	12	.68	67	<.01	3	1.08	.03	.20	<2	5
513662	3	25	16	54	.3	9	6	562	2.26	17	<5	<2	3	134	<.2	<2	<2	40	2.99	.045	19	10	.72	44	<.01	3	1.20	.02	.20	<2	4
513663	3	32	13	49	<.3	12	11	681	5.67	42	<5	<2	3	92	<.2	<2	<2	31	2.32	.037	9	11	.49	32	<.01	<3	.97	.02	.18	<2	7
513664	5	26	8	49	.3	10	6	316	1.94	8	<5	<2	4	72	<.2	<2	7	27	1.50	.040	15	9	.47	63	<.01	3	.91	.01	.20	<2	5
513665	5	27	16	50	.4	13	7	401	2.96	8	<5	<2	2	43	<.2	<2	<2	26	.75	.041	17	11	.60	107	<.01	3	1.23	.01	.24	<2	6
STANDARD C/AU-R	21	58	38	130	6.6	71	32	1135	3.87	41	20	8	35	51	20.0	18	16	61	.49	.091	40	57	.88	185	.08	26	1.88	.06	.16	12	447

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

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
513666	1	27	15	46	<.3	7	6	504	2.16	8	<5	<2	2	86	<.2	2	<2	23	2.20	.040	17	9	.49	44	<.01	<3	.99	.01	.24	2	4
513667	2	26	13	49	<.3	7	6	479	1.87	7	<5	<2	2	107	.3	<2	<2	25	2.81	.041	20	10	.53	36	<.01	<3	1.02	.02	.22	<2	2
513668	2	77	21	61	<.3	7	6	565	2.00	5	<5	<2	2	126	.4	5	<2	27	3.64	.045	19	10	.60	27	<.01	<3	1.07	.02	.19	<2	3
513669	1	21	11	43	<.3	5	5	314	1.54	10	<5	<2	2	55	.7	3	<2	14	1.40	.037	15	8	.39	18	<.01	<3	.83	.01	.22	<2	3
513670	4	22	17	52	<.3	7	6	382	1.90	13	<5	<2	2	67	.5	2	<2	25	1.42	.042	17	10	.47	65	<.01	<3	.89	.01	.22	<2	4
513671	4	24	15	57	<.3	8	6	607	2.23	13	<5	<2	2	107	.4	<2	<2	20	3.04	.045	15	10	.51	25	<.01	<3	1.03	.01	.24	<2	2
513672	2	26	14	60	<.3	4	6	594	1.93	9	<5	<2	2	97	<.2	2	<2	19	2.70	.043	16	9	.51	52	<.01	<3	1.02	.01	.23	<2	5
513673	5	30	18	61	<.3	7	7	505	2.52	13	<5	<2	2	78	.5	<2	<2	27	2.14	.047	16	10	.57	32	<.01	<3	1.14	.01	.25	<2	13
513674	3	28	14	53	<.3	6	6	697	2.23	12	<5	<2	2	128	.6	4	<2	24	3.69	.048	13	9	.53	172	<.01	<3	1.02	.01	.22	<2	5
513675	4	21	13	52	.4	7	7	208	2.15	40	<5	<2	3	50	.3	2	<2	20	.63	.044	15	9	.42	70	<.01	<3	.85	.01	.21	<2	12
RE 513675	4	25	11	54	<.3	7	7	203	2.22	42	<5	<2	3	49	.4	<2	<2	21	.59	.046	16	10	.43	66	<.01	<3	.86	.01	.23	<2	12
RRE 513675	4	22	15	55	.3	8	7	196	2.18	39	<5	<2	2	48	.5	<2	<2	21	.56	.045	15	10	.43	56	<.01	<3	.84	.01	.21	<2	11
513676	4	25	13	53	<.3	7	8	645	3.74	12	<5	<2	2	111	.4	<2	<2	34	2.58	.042	10	10	.63	42	<.01	<3	1.31	.01	.22	<2	4
513677	4	23	15	65	<.3	7	7	621	2.53	18	<5	<2	2	118	.4	<2	<2	32	2.69	.044	14	10	.60	47	<.01	<3	1.14	.01	.21	<2	3
513678	3	25	8	48	.3	7	6	466	2.29	16	<5	<2	2	84	.2	2	<2	24	1.54	.041	12	9	.44	91	<.01	<3	.90	.01	.19	<2	4
513679	4	31	16	58	.5	8	9	181	2.91	90	<5	<2	2	50	.2	5	<2	14	.59	.043	12	6	.23	26	<.01	<3	.62	.01	.20	<2	9
513680	2	27	13	55	.3	7	6	256	2.10	138	<5	<2	2	68	.3	3	<2	11	1.13	.043	11	5	.16	26	<.01	<3	.57	.01	.22	<2	14
513681	3	22	11	47	<.3	6	6	111	2.05	160	<5	<2	2	43	.2	9	<2	10	.55	.043	13	5	.15	30	<.01	<3	.54	.01	.20	<2	17
STANDARD C/AU-R	21	59	43	128	6.3	67	33	1029	3.92	44	21	8	35	49	20.6	19	20	61	.48	.093	39	57	.87	180	.08	28	1.79	.06	.15	10	443

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

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Phelps Dodge Corp. PROJECT 236 File # 95-4505 Page 1

1409 - 409 Granville St., Vancouver BC V6T 1T2 Submitted by: Robert Cameron

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
513682	7	60	115	256	6.6	8	7	231	2.14	24	<5	<2	3	68	1.4	4	4	14	.81	.063	26	19	.49	517	<.01	<3	1.21	.01	.26	<2	6
513683	2	31	32	93	1.7	7	8	475	2.19	8	<5	<2	6	101	<.2	<2	<2	11	2.03	.057	29	7	.39	135	<.01	6	1.21	.02	.32	<2	6
513684	1	27	21	76	1.1	7	7	582	1.93	<2	<5	<2	6	157	<.2	<2	2	11	3.12	.057	28	10	.44	88	<.01	3	1.16	.01	.32	<2	<2
513685	6	23	24	64	.8	7	5	467	1.62	<2	<5	<2	5	167	.6	2	<2	10	3.22	.053	27	10	.37	99	<.01	<3	1.04	.01	.26	<2	<2
513686	2	30	26	78	.7	8	7	446	2.04	4	<5	<2	5	145	<.2	<2	<2	12	2.90	.056	27	7	.47	74	<.01	<3	1.13	.02	.22	<2	2
513687	2	28	20	77	.4	7	7	436	1.96	7	<5	<2	5	143	<.2	2	2	13	2.83	.056	27	9	.45	64	<.01	<3	1.12	.02	.21	<2	<2
513688	1	22	19	65	.6	7	6	485	1.79	4	<5	<2	4	174	<.2	<2	2	12	3.23	.055	26	8	.41	76	<.01	<3	1.08	.02	.30	<2	29
513689	6	21	25	55	.5	8	6	396	1.80	2	<5	<2	5	158	.3	<2	<2	11	2.62	.050	26	9	.41	88	<.01	5	1.08	.02	.24	<2	<2
513690	5	20	28	57	1.3	7	4	316	1.43	3	<5	<2	7	109	.5	<2	<2	11	1.75	.038	25	9	.23	73	<.01	<3	.81	.02	.26	<2	3
513691	<1	18	21	54	.3	7	4	355	1.37	<2	<5	<2	9	126	.5	<2	<2	9	2.10	.038	27	10	.23	65	<.01	<3	.79	.02	.22	<2	2
RE 513691	4	20	23	53	.5	6	4	342	1.36	2	<5	<2	8	124	<.2	<2	<2	9	2.06	.036	26	7	.23	65	<.01	<3	.77	.02	.23	2	3
RRE 513691	1	21	31	58	.3	8	4	361	1.44	2	<5	<2	8	132	<.2	<2	3	9	2.17	.038	28	5	.24	69	<.01	<3	.81	.02	.29	<2	<2
513692	6	19	33	66	.5	7	4	285	1.50	4	<5	<2	9	88	.5	<2	<2	9	1.47	.037	28	9	.26	62	<.01	<3	.88	.02	.33	<2	<2
513693	4	19	21	56	.5	8	4	356	1.45	<2	<5	<2	9	118	.3	<2	3	10	2.01	.037	29	8	.26	68	<.01	<3	.84	.02	.26	<2	<2
513694	1	18	18	51	.3	7	4	314	1.33	6	<5	<2	8	107	<.2	<2	<2	9	1.82	.035	26	8	.25	58	<.01	<3	.82	.02	.23	<2	<2
513695	4	20	25	57	.4	6	4	366	1.48	<2	<5	<2	9	110	<.2	<2	<2	12	2.14	.040	27	9	.28	60	<.01	<3	.86	.02	.27	<2	2
513696	10	23	20	61	.3	9	6	274	1.67	14	<5	<2	6	107	<.2	<2	<2	14	1.57	.053	28	12	.37	61	<.01	4	1.00	.02	.31	<2	2
513697	<1	27	15	58	.3	6	6	463	1.97	<2	<5	<2	4	114	<.2	2	<2	17	2.64	.056	27	11	.41	61	.01	<3	1.07	.02	.30	<2	7
513698	4	25	16	61	.3	7	6	465	1.93	<2	<5	<2	4	113	<.2	2	<2	14	2.85	.059	28	8	.46	49	<.01	<3	1.17	.03	.35	<2	2
513699	<1	27	18	62	.4	8	6	395	1.74	<2	<5	<2	4	83	.4	<2	4	11	2.20	.053	26	7	.39	39	<.01	<3	1.00	.02	.23	<2	5
513700	<1	24	21	72	<.3	7	7	573	2.19	<2	<5	<2	4	101	<.2	<2	<2	14	3.02	.055	28	7	.47	41	<.01	<3	1.20	.02	.23	<2	2
513701	4	25	11	63	<.3	7	7	447	1.93	3	<5	<2	4	115	.3	<2	<2	13	2.44	.053	26	9	.48	58	<.01	<3	1.06	.02	.21	<2	2
RE 513701	3	23	12	61	<.3	7	6	430	1.95	<2	<5	<2	4	116	<.2	<2	<2	14	2.35	.054	26	7	.47	59	<.01	<3	1.05	.02	.23	<2	<2
RRE 513701	4	25	15	59	.3	7	6	460	1.98	<2	<5	<2	5	120	<.2	<2	2	14	2.47	.058	27	9	.49	62	<.01	3	1.08	.02	.23	<2	2
513702	4	25	25	62	<.3	8	6	450	2.06	<2	<5	<2	5	137	<.2	2	<2	16	2.56	.057	27	13	.51	70	<.01	5	1.16	.02	.30	<2	<2
513703	<1	26	11	55	<.3	7	6	436	2.01	<2	<5	<2	3	97	<.2	<2	<2	15	2.23	.058	26	7	.42	78	.01	<3	1.03	.03	.22	<2	2
513704	1	25	14	57	.4	7	6	428	1.78	<2	5	<2	4	111	<.2	<2	<2	14	2.48	.054	27	9	.45	80	<.01	3	1.07	.02	.24	<2	2
513705	2	24	13	61	<.3	7	6	425	1.98	<2	<5	<2	3	97	<.2	<2	<2	15	2.35	.059	29	10	.51	45	<.01	<3	1.14	.03	.22	<2	3
513706	3	29	11	56	<.3	6	6	486	1.79	<2	<5	<2	4	113	<.2	<2	<2	11	2.63	.053	26	8	.39	49	<.01	<3	1.04	.02	.31	2	7
513707	4	22	19	68	.3	6	6	502	1.84	2	<5	<2	3	112	<.2	<2	<2	11	2.64	.058	28	7	.50	51	<.01	<3	1.11	.02	.23	<2	<2
513708	1	26	23	69	<.3	8	7	462	2.16	<2	<5	<2	4	83	<.2	<2	<2	17	2.05	.056	27	9	.53	57	<.01	4	1.18	.03	.23	<2	<2
513709	<1	24	21	75	<.3	7	7	477	2.21	<2	<5	<2	4	84	.2	<2	<2	17	2.59	.057	26	7	.52	42	<.01	<3	1.13	.04	.20	3	<2
513710	<1	25	21	59	.3	8	6	482	2.05	<2	<5	<2	4	101	.3	<2	<2	15	2.52	.057	27	10	.42	51	<.01	5	1.13	.03	.24	<2	6
513711	3	22	17	58	<.3	6	6	436	2.02	4	<5	<2	3	112	.3	<2	3	17	2.61	.053	25	7	.53	47	<.01	<3	1.11	.03	.21	<2	2
513712	2	27	16	73	.4	15	9	558	2.67	<2	<5	<2	3	113	<.2	<2	<2	26	2.98	.065	26	25	.85	49	<.01	<3	1.48	.03	.21	<2	<2
513713	<1	34	13	80	<.3	25	12	642	3.38	<2	<5	<2	2	106	.2	4	<2	47	2.93	.089	24	65	1.35	48	<.01	<3	1.86	.03	.18	<2	3
513714	<1	33	12	72	<.3	18	10	572	2.92	5	<5	<2	2	84	<.2	<2	<2	31	2.40	.072	27	39	.93	46	<.01	<3	1.57	.04	.20	<2	3
STANDARD C/AU-R	20	64	42	129	6.7	65	31	1027	4.18	40	19	7	33	49	19.0	17	22	60	.51	.089	38	61	.94	191	.08	24	1.95	.06	.16	11	485

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE AU** ANALYSIS BY FA/ICP FROM 30 GM SAMPLE.
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: NOV 2 1995 DATE REPORT MAILED: Nov 16/95 SIGNED BY: D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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
513715	<1	19	16	66	.3	7	7	492	2.33	11	<5	<2	3	58	<.2	6	<2	19	1.29	.060	26	15	.56	41	<.01	3	1.17	.03	.17	<2	3
513716	<1	21	21	66	.3	6	6	340	2.08	17	<5	<2	3	69	.2	6	<2	21	1.17	.056	26	11	.61	207	<.01	<3	1.15	.03	.20	<2	<2
513717	<1	22	17	67	<.3	7	7	475	2.30	11	<5	<2	3	96	<.2	2	<2	22	2.16	.060	26	12	.62	46	<.01	3	1.24	.04	.20	<2	<2
513718	<1	22	14	60	.3	7	7	524	2.23	11	<5	<2	3	73	<.2	4	<2	21	1.73	.057	24	9	.51	38	<.01	5	1.16	.03	.22	<2	6
513719	<1	21	17	61	<.3	7	6	484	2.25	11	<5	<2	3	104	<.2	5	<2	22	2.32	.059	24	11	.64	48	<.01	<3	1.19	.03	.19	<2	2
513720	<1	23	14	61	.3	6	6	501	2.13	13	<5	<2	3	101	<.2	5	<2	23	2.30	.057	22	12	.57	57	<.01	4	1.10	.03	.18	<2	4
513721	1	34	16	51	.3	10	6	572	1.16	11	<5	<2	3	123	<.2	4	<2	4	2.70	.032	15	7	.34	55	<.01	<3	.87	.01	.20	<2	<2
513722	1	30	21	56	<.3	9	5	610	1.24	14	<5	<2	3	108	<.2	3	<2	4	2.74	.035	20	10	.43	55	<.01	6	.96	.01	.20	<2	2
513723	<1	53	22	48	<.3	8	6	319	1.07	12	<5	<2	3	71	.3	2	<2	4	1.37	.037	17	13	.36	265	<.01	3	.89	.01	.22	<2	3
513724	<1	27	21	45	<.3	6	5	345	1.06	12	<5	<2	2	88	.3	<2	<2	3	1.77	.038	19	16	.32	443	<.01	<3	.89	.01	.20	<2	<2
513725	1	29	17	45	.3	3	4	373	.88	12	<5	<2	3	103	<.2	4	2	4	1.80	.034	20	69	.21	2728	<.01	5	.75	<.01	.20	<2	<2
RE 513725	<1	28	19	36	<.3	3	4	378	.90	9	<5	<2	3	107	<.2	3	<2	3	1.84	.035	20	72	.21	2886	<.01	4	.75	<.01	.21	<2	<2
RRE 513725	<1	30	17	36	<.3	4	4	366	.88	9	<5	<2	2	107	.3	<2	<2	4	1.82	.035	20	67	.21	2826	<.01	<3	.74	<.01	.22	<2	<2
513726	<1	28	24	28	<.3	3	3	133	1.11	11	<5	<2	4	57	.5	3	<2	5	.51	.042	17	42	.13	1643	.01	5	.64	<.01	.21	<2	<2
513727	<1	18	26	24	.3	1	2	154	1.25	7	<5	<2	4	52	<.2	3	<2	7	.47	.041	17	54	.08	1938	.01	5	.55	<.01	.22	2	<2
513728	2	53	17	39	<.3	3	3	178	1.15	10	<5	<2	3	37	<.2	<2	<2	5	.39	.035	18	43	.10	1672	.01	<3	.60	<.01	.21	3	2
513729	2	39	12	28	<.3	3	2	72	.54	13	<5	<2	4	51	.3	2	<2	4	.23	.046	17	60	.07	2334	<.01	7	.58	<.01	.27	<2	2
513730	<1	51	31	25	<.3	2	2	116	.83	13	<5	<2	3	43	.3	<2	<2	3	.44	.044	15	35	.09	1223	<.01	<3	.53	<.01	.21	<2	<2
513731	<1	24	13	27	<.3	2	3	270	.74	8	<5	<2	3	98	<.2	<2	<2	3	1.69	.038	20	42	.11	1565	<.01	<3	.69	.01	.26	<2	<2
513732	<1	25	13	35	<.3	3	3	253	.89	7	<5	<2	4	89	<.2	3	<2	3	1.79	.040	18	25	.16	858	<.01	3	.69	.01	.22	<2	<2
513733	3	58	16	33	<.3	3	3	148	.80	24	<5	<2	4	73	<.2	<2	<2	3	1.20	.038	22	8	.14	127	<.01	<3	.60	.01	.22	<2	2
513734	9	36	22	30	.3	6	4	213	1.02	58	<5	<2	4	68	<.2	<2	<2	4	1.33	.037	19	4	.14	87	<.01	3	.65	.01	.23	<2	14
513735	1	25	25	35	<.3	6	4	269	.95	24	<5	<2	4	93	.3	2	<2	3	1.87	.035	19	8	.19	125	<.01	6	.63	.01	.18	2	5
RE 513735	1	27	14	31	<.3	5	4	274	.95	21	<5	<2	4	95	<.2	<2	<2	3	1.89	.034	18	4	.20	126	<.01	<3	.63	.01	.19	<2	4
RRE 513735	1	31	8	36	<.3	4	4	276	.98	25	<5	<2	4	96	<.2	<2	<2	3	1.90	.036	19	5	.20	130	<.01	3	.65	.01	.19	<2	3
513736	<1	29	23	42	<.3	9	5	363	1.17	18	<5	<2	4	98	<.2	3	<2	4	2.27	.037	23	11	.30	81	<.01	<3	.84	.01	.23	<2	<2
513737	2	75	18	49	.5	10	6	45	1.61	163	<5	<2	4	29	<.2	26	<2	5	.20	.023	17	5	.08	83	<.01	3	.51	.01	.26	2	7
513738	10	42	16	52	<.3	12	7	34	1.78	145	<5	<2	3	28	.2	23	<2	6	.19	.029	17	10	.08	64	<.01	<3	.51	.01	.34	<2	4
513739	<1	48	22	50	.3	11	8	76	1.47	78	<5	<2	4	32	<.2	10	3	9	.25	.040	17	5	.21	50	<.01	3	.80	.01	.28	<2	4
513740	4	32	10	48	.3	12	8	144	2.20	133	<5	<2	3	28	.4	36	<2	17	.25	.052	19	14	.34	45	<.01	3	1.00	.02	.38	<2	6
513741	9	26	9	60	<.3	9	9	496	2.28	22	<5	<2	3	81	.2	9	<2	25	1.89	.065	22	18	.64	90	<.01	4	1.32	.02	.21	<2	2
513742	5	56	15	31	<.3	9	5	322	1.22	38	<5	<2	4	108	<.2	4	<2	6	2.27	.033	17	8	.16	53	<.01	<3	.65	.01	.23	<2	8
513743	1	53	15	34	<.3	10	7	166	1.15	33	<5	<2	4	68	<.2	4	3	4	1.10	.039	15	3	.14	46	<.01	<3	.60	.01	.25	<2	3
513744	5	43	9	34	<.3	7	5	47	.81	42	<5	<2	5	23	<.2	6	2	4	.22	.039	15	3	.08	54	<.01	<3	.52	.01	.39	<2	9
513745	14	50	18	39	<.3	11	6	68	1.30	118	<5	<2	5	21	.6	4	2	5	.20	.041	16	8	.13	51	<.01	<3	.59	.01	.30	<2	20
513746	11	50	13	38	<.3	16	10	49	1.04	125	<5	<2	4	19	<.2	15	<2	4	.18	.034	13	6	.13	47	<.01	<3	.53	.01	.27	<2	8
513747	13	46	14	39	.3	14	10	91	1.14	86	<5	<2	5	18	<.2	14	<2	6	.17	.032	13	8	.19	42	<.01	3	.61	.01	.29	<2	4
STANDARD C/AU-R	22	58	36	127	6.4	63	32	1114	3.86	40	19	8	33	47	17.7	24	16	64	.50	.091	36	60	.89	186	.08	26	1.87	.05	.13	10	481

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

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
513748	8	36	18	31	.4	9	6	53	.78	106	7	<2	5	20	<.2	11	<2	4	.17	.029	12	5	.11	48	<.01	3	.48	.01	.30	<2	3
513749	8	42	18	28	<.3	9	5	32	.74	91	<5	<2	4	20	<.2	8	<2	4	.17	.027	14	3	.08	46	<.01	<3	.44	.02	.26	<2	6
513750	11	38	17	18	<.3	9	4	39	.56	27	<5	<2	4	22	.2	3	<2	4	.20	.038	16	5	.10	47	<.01	<3	.49	.01	.25	<2	<2
513751	12	51	18	28	<.3	9	4	40	1.13	101	<5	<2	4	23	<.2	19	2	4	.21	.037	16	5	.09	47	<.01	3	.49	.01	.26	<2	2
513752	4	36	9	37	<.3	11	5	175	1.19	45	<5	<2	4	62	<.2	11	<2	9	1.23	.037	18	9	.19	73	<.01	3	.66	.02	.26	2	2
513753	4	39	20	42	<.3	11	5	156	1.35	69	6	<2	5	58	.2	8	<2	10	1.02	.038	16	12	.20	73	<.01	<3	.72	.02	.25	<2	2
513754	3	49	17	49	<.3	12	7	173	1.21	37	7	<2	5	41	.6	5	5	9	.82	.037	18	8	.22	94	<.01	5	.78	.02	.30	<2	<2
513755	9	55	23	54	<.3	11	6	167	1.46	69	<5	<2	5	34	.4	6	<2	9	.63	.041	15	9	.21	73	<.01	<3	.80	.02	.40	<2	3
513756	7	39	<3	56	<.3	9	7	160	1.91	99	<5	<2	3	15	<.2	13	7	13	.26	.059	27	9	.38	46	<.01	<3	.92	.01	.40	3	4
513757	11	27	15	56	<.3	8	7	202	1.97	46	<5	<2	3	14	.2	2	<2	14	.25	.065	28	4	.43	58	<.01	<3	1.00	.01	.25	<2	12
513758	<1	21	12	54	<.3	11	8	248	2.18	29	<5	<2	3	14	.4	4	3	13	.26	.068	28	6	.46	66	<.01	3	1.16	.01	.25	<2	3
513759	5	22	10	56	<.3	8	8	190	1.82	54	<5	<2	3	16	<.2	5	2	12	.27	.065	23	7	.45	44	<.01	<3	1.02	.01	.26	<2	3
RE 513759	1	21	10	62	<.3	6	8	183	1.86	50	<5	<2	2	17	<.2	2	<2	12	.27	.069	23	8	.45	46	<.01	3	1.06	.01	.27	3	3
RRE 513759	2	24	19	64	<.3	9	8	194	1.94	57	<5	<2	3	17	.2	6	4	13	.28	.070	26	10	.46	54	<.01	4	1.14	.01	.34	3	<2
513760	25	24	10	50	<.3	7	7	456	1.58	15	<5	<2	3	55	<.2	2	<2	10	1.96	.060	27	4	.37	39	<.01	4	.95	.01	.23	2	2
513761	19	21	6	55	<.3	8	7	213	1.64	31	<5	<2	3	17	<.2	3	2	10	.27	.064	26	6	.37	60	<.01	<3	1.03	.01	.28	<2	3
513762	16	18	6	55	<.3	7	7	433	1.86	20	<5	<2	3	60	<.2	2	<2	11	1.84	.065	26	5	.37	98	<.01	3	1.04	.01	.25	<2	3
513763	3	18	14	59	<.3	10	8	222	2.26	95	<5	<2	3	21	<.2	21	3	15	.33	.062	22	8	.42	45	<.01	<3	1.10	.02	.27	<2	5
513764	6	17	5	54	<.3	9	8	123	2.10	188	<5	<2	3	21	.2	43	2	10	.26	.063	25	4	.27	47	<.01	<3	.82	.02	.26	<2	7
513765	4	19	9	54	<.3	8	7	168	1.58	52	<5	<2	3	21	.3	11	<2	13	.26	.062	24	5	.35	53	<.01	<3	.96	.02	.26	2	<2
513766	3	17	16	56	<.3	9	7	234	1.75	7	<5	<2	3	20	<.2	<2	<2	14	.27	.067	24	7	.45	54	<.01	3	1.08	.02	.25	<2	2
513767	4	21	11	54	<.3	9	8	195	2.12	121	<5	<2	3	21	<.2	24	<2	12	.26	.067	24	6	.37	55	<.01	<3	.98	.02	.25	<2	5
513768	4	21	24	58	<.3	10	9	447	2.11	108	<5	<2	4	28	<.2	22	<2	13	.70	.066	26	6	.29	50	<.01	5	1.01	.02	.25	2	<2
513769	11	33	<3	18	9.0	7	5	33	1.64	557	<5	<2	3	143	<.2	33	<2	3	.09	.021	14	5	.04	117	<.01	<3	.52	<.01	.19	<2	64
RE 513769	10	30	6	19	8.2	8	5	27	1.63	550	<5	<2	3	141	<.2	28	<2	3	.09	.020	14	7	.04	112	<.01	3	.52	<.01	.20	4	65
RRE 513769	13	29	19	16	9.6	6	4	27	1.55	541	<5	<2	4	134	.5	32	<2	3	.09	.020	14	6	.03	120	<.01	3	.49	<.01	.17	<2	74
513770	2	20	19	71	.8	11	10	19	1.60	381	<5	<2	4	551	.3	12	<2	6	.14	.063	22	3	.04	188	<.01	<3	.65	<.01	.22	<2	27
513771	11	19	24	64	3.2	11	11	34	2.67	2402	<5	<2	2	118	.5	57	3	5	.23	.062	15	5	.03	46	<.01	<3	.47	<.01	.23	<2	225
513772	27	30	16	91	2.2	12	12	864	3.23	1802	<5	<2	2	15	<.2	33	<2	16	.20	.044	13	8	.28	25	<.01	<3	.84	<.01	.20	2	205
513773	76	28	20	93	1.8	8	13	1406	4.69	214	<5	<2	2	18	<.2	7	<2	23	.18	.041	10	8	.71	21	<.01	5	1.69	<.01	.18	3	21
513774	87	30	11	67	1.7	11	9	602	3.03	164	<5	<2	2	20	<.2	8	2	21	.41	.042	12	8	.45	29	<.01	4	1.16	<.01	.19	<2	25
513775	<1	32	9	52	.4	7	8	1230	3.53	41	<5	<2	2	90	.4	2	<2	22	3.60	.045	14	9	.49	51	<.01	3	1.40	<.01	.22	3	5
513776	<1	24	13	72	<.3	6	10	885	2.33	11	<5	<2	2	73	<.2	<2	<2	16	3.01	.054	17	6	.78	47	<.01	<3	1.36	<.01	.21	3	<2
513777	<1	24	10	67	.6	6	7	622	2.29	219	<5	<2	3	24	<.2	4	<2	14	.78	.051	16	7	.44	37	<.01	<3	1.05	<.01	.23	<2	37
513778	6	29	23	69	1.3	10	11	877	4.12	236	5	<2	3	18	<.2	6	<2	17	.50	.049	14	9	.34	36	<.01	<3	1.32	<.01	.26	2	33
513779	<1	18	15	67	.5	7	7	850	2.39	81	<5	<2	3	36	<.2	2	<2	13	1.24	.051	17	7	.33	38	<.01	<3	1.05	<.01	.25	2	10
513780	1	19	28	68	1.6	8	8	376	2.38	892	<5	<2	2	12	.5	17	<2	9	.22	.048	14	9	.20	54	<.01	<3	.76	<.01	.27	<2	72
STANDARD C/AU-R	25	64	38	125	6.7	67	33	1137	4.18	43	18	8	33	48	19.2	16	23	60	.49	.096	37	59	.93	183	.08	22	1.89	.06	.15	13	519

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

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
513781	<1	25	9	49	1.4	6	8	212	2.02	704	<5	<2	2	10	.3	9	3	10	.19	.043	12	8	.20	35	<.01	<3	.69	<.01	.21	<2	140
513782	5	23	20	45	1.0	9	8	258	2.29	603	<5	<2	3	11	<.2	8	<2	12	.19	.044	14	12	.27	41	<.01	<3	.79	<.01	.22	<2	108
513783	6	23	18	55	1.0	7	7	919	1.98	435	<5	<2	3	30	.3	9	<2	9	.98	.046	15	10	.22	40	<.01	4	.74	<.01	.23	<2	71
513784	10	14	12	53	1.0	7	7	97	1.63	1800	<5	<2	3	11	<.2	27	<2	7	.20	.044	14	7	.10	37	<.01	6	.49	<.01	.23	<2	151
513785	5	18	18	49	.6	8	7	321	1.86	376	<5	<2	3	23	<.2	7	<2	14	.63	.047	16	11	.23	38	<.01	<3	.80	<.01	.26	<2	47
513786	5	22	16	51	.5	6	7	336	2.25	325	<5	<2	2	24	.2	6	<2	13	.52	.049	16	8	.24	35	<.01	<3	.81	<.01	.21	<2	82
513787	<1	23	14	53	.3	5	7	432	1.90	34	<5	<2	2	58	.2	<2	<2	21	1.40	.044	16	14	.62	47	<.01	<3	1.10	.01	.19	<2	10
513788	5	19	24	57	<.3	7	7	381	2.11	50	<5	<2	2	51	.6	6	<2	24	1.08	.048	18	16	.69	64	<.01	<3	1.21	.01	.20	<2	6
513789	<1	41	18	52	.4	6	6	506	1.66	101	<5	<2	2	53	<.2	3	<2	9	1.79	.042	13	11	.48	65	<.01	<3	.96	<.01	.23	<2	40
513790	2	22	6	57	<.3	5	7	588	1.88	26	<5	<2	2	61	.2	<2	<2	11	2.22	.046	15	13	.68	24	<.01	<3	1.19	.01	.19	<2	8
513791	10	22	18	56	<.3	8	6	264	1.68	75	<5	<2	3	14	.4	4	<2	12	.28	.045	16	12	.52	26	<.01	5	.99	<.01	.23	<2	41
513792	4	26	18	62	.4	7	6	888	2.14	107	<5	<2	2	20	<.2	2	<2	15	.32	.044	15	12	.53	96	<.01	<3	.98	.01	.21	<2	85
513793	2	23	27	48	<.3	7	6	329	1.74	22	<5	<2	2	32	<.2	<2	<2	21	.67	.045	19	15	.59	178	<.01	<3	1.08	.01	.22	<2	7
513794	<1	26	9	58	<.3	6	7	483	1.91	20	<5	<2	2	63	<.2	<2	<2	16	1.78	.049	18	13	.67	29	<.01	<3	1.18	.01	.21	<2	9
RE 513794	4	25	13	56	<.3	6	6	482	1.87	24	<5	<2	2	62	<.2	3	<2	16	1.74	.048	18	11	.66	27	<.01	<3	1.16	.01	.21	<2	11
RRE 513794	1	26	12	53	<.3	8	6	488	1.90	21	<5	<2	3	60	<.2	3	<2	17	1.72	.050	19	17	.66	29	<.01	4	1.19	.01	.22	<2	10
513795	6	22	12	53	<.3	7	6	318	1.73	17	5	<2	2	26	<.2	2	<2	15	.53	.047	18	10	.63	29	<.01	<3	1.10	.01	.21	<2	12
513796	2	21	21	59	<.3	7	6	429	1.85	11	<5	<2	2	88	1.0	2	<2	21	2.21	.049	17	18	.62	43	<.01	<3	1.13	.02	.20	<2	7
513797	1	34	<3	53	<.3	7	6	445	1.81	27	<5	<2	2	93	.3	<2	<2	20	2.60	.047	22	14	.55	30	<.01	<3	1.01	.01	.19	<2	5
513798	7	29	21	57	.3	8	7	425	1.97	7	<5	<2	2	77	.3	2	<2	27	1.85	.048	22	14	.62	60	<.01	3	1.17	.02	.20	<2	2
513799	3	19	20	57	.4	5	6	194	1.79	178	<5	<2	2	9	<.2	6	<2	8	.22	.049	10	4	.23	20	<.01	<3	.66	.01	.22	<2	26
513800	<1	22	10	49	<.3	9	6	355	1.68	68	<5	<2	3	10	<.2	2	2	13	.21	.054	21	10	.36	28	<.01	5	.89	<.01	.24	<2	20
513801	3	20	17	45	.3	7	7	352	1.90	121	<5	<2	2	10	.3	4	<2	13	.21	.054	19	11	.42	39	<.01	3	.95	.01	.24	<2	17
513802	<1	20	17	44	<.3	6	6	545	1.71	18	<5	<2	2	51	.3	<2	<2	11	2.23	.052	22	12	.39	36	<.01	<3	.89	<.01	.23	2	<2
513803	4	22	26	51	<.3	7	7	502	1.95	23	<5	<2	3	40	<.2	3	2	16	1.53	.062	24	8	.48	42	<.01	4	1.02	<.01	.21	2	<2
513804	3	26	5	55	<.3	6	7	565	2.16	20	<5	<2	3	18	<.2	<2	<2	17	.61	.060	23	12	.51	62	<.01	4	1.12	<.01	.24	<2	4
RE 513804	3	25	10	51	<.3	6	7	556	2.16	22	<5	<2	3	17	<.2	<2	<2	16	.60	.060	23	8	.50	60	<.01	4	1.09	.01	.24	<2	6
RRE 513804	9	23	8	56	<.3	5	7	553	2.10	18	<5	<2	3	17	<.2	3	4	16	.61	.058	22	9	.49	50	<.01	<3	1.04	<.01	.22	<2	6
513805	1	21	20	52	.3	7	7	449	1.84	35	<5	<2	3	20	<.2	3	<2	14	.82	.059	25	15	.52	51	<.01	5	1.04	<.01	.25	<2	6
513806	10	20	22	44	<.3	6	6	519	1.63	21	<5	<2	3	83	<.2	<2	6	12	3.23	.056	24	10	.39	35	<.01	<3	.88	<.01	.21	<2	<2
513807	8	27	17	48	<.3	7	7	528	2.34	32	<5	<2	3	54	<.2	2	9	15	2.03	.059	25	10	.53	49	<.01	5	1.13	.01	.22	2	2
513808	7	27	7	52	<.3	5	7	282	1.62	46	<5	<2	3	31	<.2	<2	<2	11	.73	.057	26	11	.38	42	<.01	3	.86	.01	.22	<2	5
513809	5	25	22	62	<.3	3	6	578	1.85	9	<5	<2	2	115	<.2	<2	<2	17	3.59	.062	25	13	.61	42	<.01	3	1.13	.01	.20	<2	<2
513810	8	24	17	57	<.3	5	8	553	3.27	24	<5	<2	2	107	.3	<2	<2	26	3.15	.051	22	17	.40	53	<.01	3	1.29	<.01	.20	3	3
513811	11	22	17	50	.3	7	8	423	2.48	61	<5	<2	2	100	<.2	2	7	22	2.40	.056	24	11	.33	53	<.01	<3	1.02	<.01	.22	<2	4
513812	7	25	10	49	<.3	6	7	488	1.81	28	<5	<2	2	113	<.2	<2	4	16	3.37	.056	24	7	.40	47	<.01	5	.98	<.01	.22	<2	<2
513813	13	24	15	53	.5	7	7	233	1.66	118	<5	<2	3	29	<.2	5	2	8	.66	.060	26	4	.28	35	<.01	4	.74	<.01	.21	<2	10
STANDARD C/AU-R	17	60	39	135	6.6	67	33	1034	4.11	43	19	8	34	48	19.2	16	15	61	.51	.096	37	63	.95	182	.08	23	1.92	.05	.14	13	505

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

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
513814	3	32	14	64	.5	9	6	317	1.75	41	<5	<2	3	35	<.2	3	<2	12	.63	.061	29	11	.40	38	<.01	<3	.94	.01	.23	<2	6
513815	2	32	17	52	.3	8	7	402	1.74	27	<5	<2	2	57	.2	2	<2	12	1.43	.060	30	13	.41	41	<.01	<3	.96	.01	.26	<2	2
513816	2	19	16	45	<.3	8	6	505	1.75	17	<5	<2	2	96	<.2	<2	<2	16	2.69	.058	29	14	.44	47	<.01	<3	.96	.01	.25	<2	3
513817	3	23	17	71	.6	9	8	343	2.21	88	<5	<2	3	32	<.2	3	<2	18	.67	.060	28	12	.45	45	<.01	<3	1.07	.01	.28	<2	10
513818	3	23	15	56	.6	8	8	505	2.57	75	5	<2	2	56	<.2	3	<2	16	1.71	.060	27	11	.41	41	<.01	<3	1.15	.01	.27	<2	12
513819	1	20	17	50	.4	7	6	430	1.73	255	<5	<2	<2	73	.2	7	<2	13	2.04	.057	21	10	.33	47	<.01	<3	.85	.01	.25	<2	21
513820	1	20	11	52	<.3	7	7	550	2.03	51	<5	<2	2	118	.2	<2	<2	21	3.00	.057	24	12	.42	46	<.01	<3	.96	.01	.23	<2	6
513821	2	22	13	60	.4	9	7	466	1.78	59	7	<2	2	81	<.2	3	<2	16	1.79	.058	21	15	.42	45	<.01	<3	.91	.01	.25	<2	7
513822	2	24	16	54	.4	8	8	722	2.35	59	<5	<2	2	83	<.2	3	<2	17	2.90	.062	22	13	.58	52	<.01	3	1.15	.01	.23	<2	3
RE 513822	1	23	16	54	<.3	9	7	708	2.29	57	<5	<2	2	82	<.2	2	<2	17	2.84	.061	23	13	.57	51	<.01	<3	1.14	.01	.22	<2	5
RRE 513822	2	22	15	53	.3	8	7	681	2.25	52	<5	<2	2	81	<.2	2	<2	17	2.82	.060	24	13	.57	52	<.01	<3	1.12	.01	.22	<2	6
513823	15	30	26	40	.5	12	6	118	1.26	64	<5	<2	6	44	.2	3	<2	4	.46	.024	15	9	.11	39	<.01	<3	.54	.01	.28	<2	16
513824	3	33	22	34	<.3	10	5	378	1.07	9	5	<2	6	119	<.2	<2	<2	5	2.20	.022	18	9	.14	43	<.01	<3	.64	.01	.29	<2	<2
513825	2	32	21	39	<.3	11	5	389	1.29	21	5	<2	5	115	.2	<2	<2	5	2.05	.023	20	6	.16	40	<.01	<3	.67	.01	.26	<2	6
513826	4	13	17	41	<.3	8	4	169	1.26	26	<5	<2	5	46	<.2	<2	<2	6	.54	.029	22	14	.17	270	<.01	<3	.65	.02	.25	<2	8
513827	32	14	16	38	<.3	7	4	289	1.32	18	<5	<2	5	56	<.2	<2	<2	6	.98	.029	22	6	.17	197	<.01	<3	.66	.02	.25	<2	8
513828	5	59	22	49	<.3	13	6	357	1.61	12	5	<2	4	106	<.2	<2	<2	8	2.11	.031	18	9	.19	51	<.01	<3	.74	.02	.29	<2	5

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

[redacted]ACME [redacted]ALYTICAL L[redacted]ATO[redacted] LT[redacted] [redacted]E. [redacted]TING[redacted]T. V[redacted]OUVE[redacted]T V[redacted]R6 [redacted] PHO[redacted]504) [redacted]-31[redacted] FAX [redacted]) 25[redacted]16 [redacted]

GEOCHEMICAL ANALYSIS CERTIFICATE

Phelps Dodge Corp. PROJECT 236 File # 95-4490

1409 - 409 Granville St., Vancouver BC V6T 1T2 Submitted by: Bob Cameron

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
513829	2	66	28	40	.5	13	5	222	1.48	7	<5	<2	5	89	.2	2	<2	6	1.68	.025	18	9	.17	40	<.01	<3	.67	.02	.24	<2	17
513830	1	47	17	47	.4	10	6	386	1.44	4	<5	<2	6	106	.4	<2	2	10	2.44	.033	17	9	.19	78	<.01	<3	.72	.02	.27	<2	4
513831	3	20	17	42	.3	9	5	231	1.22	16	<5	<2	5	91	.2	3	<2	8	1.44	.029	15	13	.17	64	<.01	<3	.63	.02	.26	<2	7
513832	1	59	13	45	.4	10	5	320	1.29	<2	<5	<2	4	105	.3	<2	<2	9	2.18	.030	15	14	.27	60	<.01	<3	.73	.02	.23	<2	4
513833	2	36	16	49	.4	10	6	209	1.36	25	<5	<2	4	70	.2	<2	<2	8	1.09	.033	16	12	.25	55	<.01	<3	.71	.02	.23	<2	11
513834	4	34	19	50	.3	11	5	144	1.31	28	<5	<2	5	71	.4	3	2	6	.68	.035	15	10	.18	40	<.01	<3	.64	.02	.22	<2	12
513835	2	34	14	41	<.3	9	4	208	1.32	48	<5	<2	4	82	.4	<2	<2	8	1.21	.033	13	13	.19	53	<.01	<3	.62	.02	.23	<2	15
513836	3	39	16	45	.3	9	5	178	1.37	33	<5	<2	4	78	.3	<2	<2	8	.90	.040	15	13	.27	67	<.01	<3	.75	.02	.27	<2	9
513837	2	44	24	65	.3	10	5	219	1.48	46	<5	<2	4	93	.7	2	<2	7	1.23	.034	14	15	.29	61	<.01	<3	.75	.02	.24	<2	12
513838	2	32	16	52	<.3	10	5	300	1.57	31	<5	<2	5	106	.3	<2	<2	9	1.88	.036	15	15	.29	66	<.01	<3	.83	.02	.25	<2	7
RE 513838	2	31	15	49	<.3	9	5	300	1.56	32	<5	<2	4	106	.5	3	3	9	1.89	.036	16	15	.29	66	<.01	3	.83	.02	.25	<2	6
RRE 513838	2	31	14	50	<.3	10	5	298	1.56	33	<5	<2	4	106	.3	2	3	9	1.90	.036	15	14	.30	65	<.01	<3	.83	.02	.25	<2	6
513839	1	28	15	50	<.3	10	5	291	1.52	9	<5	<2	5	113	<.2	3	2	8	1.84	.034	16	14	.38	83	<.01	<3	.86	.02	.24	<2	2
513840	2	34	15	48	<.3	10	5	368	1.59	6	<5	<2	4	123	.3	2	<2	9	2.59	.031	14	14	.39	81	<.01	<3	.86	.02	.24	<2	<2
513841	5	26	14	44	.3	10	6	203	1.46	65	<5	<2	4	74	.2	4	<2	8	.93	.031	15	13	.33	209	<.01	<3	.77	.02	.23	<2	15
513842	2	30	14	45	.3	10	5	324	1.46	7	<5	<2	4	136	<.2	<2	<2	9	2.18	.031	15	14	.38	112	<.01	<3	.85	.02	.24	<2	<2
513843	2	24	13	48	<.3	12	6	347	1.54	31	<5	<2	4	119	<.2	3	<2	10	2.03	.031	13	14	.37	68	<.01	<3	.80	.02	.22	<2	5
513844	3	39	14	38	<.3	9	4	266	1.24	33	<5	<2	5	135	<.2	2	3	7	2.21	.035	15	8	.22	65	<.01	<3	.67	.02	.25	<2	74
513845	3	37	14	37	<.3	8	4	205	1.39	23	<5	<2	4	84	<.2	<2	<2	7	1.29	.024	12	8	.27	43	<.01	<3	.67	.02	.21	<2	5
513846	2	26	19	39	<.3	10	4	219	1.37	24	<5	<2	4	101	<.2	2	<2	6	1.69	.021	14	9	.18	58	<.01	<3	.58	.02	.22	<2	3
513847	2	33	14	61	<.3	11	5	259	1.64	11	<5	<2	4	103	<.2	3	<2	8	1.83	.027	15	10	.38	61	<.01	<3	.80	.02	.22	<2	4
513848	2	25	12	71	.3	10	5	348	1.56	23	<5	<2	5	112	<.2	<2	<2	8	2.77	.034	17	11	.43	29	<.01	<3	.82	.03	.19	<2	2
RE 513848	2	25	11	71	<.3	10	6	352	1.58	19	<5	<2	4	113	<.2	<2	<2	8	2.79	.035	17	11	.43	29	<.01	<3	.83	.03	.19	<2	<2
RRE 513848	2	26	13	68	<.3	9	6	354	1.58	22	<5	<2	5	112	.2	<2	<2	8	2.77	.035	17	12	.43	29	<.01	<3	.83	.02	.19	<2	5
513849	2	41	26	61	<.3	9	4	431	1.17	6	<5	<2	4	116	.2	<2	2	5	3.16	.034	17	10	.31	122	<.01	<3	.73	.02	.22	<2	2
513850	1	28	14	45	<.3	10	5	334	1.24	8	<5	<2	4	93	.2	<2	<2	6	2.04	.037	18	13	.33	213	<.01	<3	.79	.02	.25	<2	2
513851	3	34	14	35	<.3	8	4	178	1.06	98	<5	<2	3	71	.2	<2	<2	3	.99	.026	11	6	.07	42	<.01	<3	.40	.01	.23	<2	15
513852	5	60	14	48	<.3	12	7	189	1.31	48	<5	<2	4	51	.2	<2	<2	5	.55	.031	16	10	.15	45	<.01	<3	.59	.02	.22	<2	7
513853	8	52	14	41	.3	10	5	138	1.30	58	<5	<2	3	38	.3	2	<2	5	.30	.030	12	11	.20	48	<.01	<3	.60	.02	.20	<2	8
513854	3	43	14	35	.3	9	5	289	1.03	7	<5	<2	3	82	.3	<2	<2	6	1.85	.031	15	10	.21	32	<.01	<3	.63	.02	.23	<2	3
513855	1	42	15	38	<.3	9	5	355	.99	5	<5	<2	2	94	<.2	<2	<2	5	2.42	.033	17	10	.21	25	<.01	<3	.62	.02	.22	<2	5
513856	2	46	14	41	<.3	9	5	237	1.19	17	<5	<2	2	62	.2	2	2	5	.96	.032	18	8	.20	30	<.01	<3	.67	.02	.24	<2	3
STANDARD C/AU-R	20	59	33	129	6.2	65	31	1016	3.83	41	17	7	37	51	17.6	17	17	60	.50	.091	40	60	.92	185	.08	24	1.80	.06	.14	11	499

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE AU** ANALYSIS BY FA/ICP FROM 30 GM SAMPLE.
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: NOV 2 1995 **DATE REPORT MAILED:** Nov 17/95 **SIGNED BY** ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS