

Hudson Bay Exploration & Development Co. Ltd.
405 – 470 Granville Street
Vancouver, British Columbia
V6C 1V5



**Assessment Report
Diamond Drilling
Hit Property**

Located within the **Hit Claims Group**,
NTS 105H/9,H/16
Latitude: 61.72°
Longitude: 128.34°

Wholly owned by: **Hudson Bay Exploration and Development Co. Ltd.**
Mining District: Watson Lake

Written by: M.D. Buchanan

Work Performed from September 1 to October 18th, 1999

This report has been examined by
the Geological Evaluation Unit
under Section 53 (4) Yukon Quartz
Mining Act and is allowed as
representation work in the amount
of \$ 71,375.55.

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

Summary

The Hit property is located 200 km north of the town of Watson Lake along the Nahanni range road. Physiography on the property consists moderate to rugged terrain with elevations ranging from 1200m to 2000m. Vegetation on the property is comprised of conifer trees, willows and alders.

During the summer of 1999 a 4-hole diamond drill program was conducted on the Hit 3, Hit 5, Hit 12 and Hit 44 claims. As a result of the drill program a total of 660.1m of NQ sized core was drilled, logged and subsequently assayed.

TABLE OF CONTENTS

Introduction	1
Location & Access	1
Physiography	1
History of Exploration	1
Property Status & Ownership	1
Work Performed	7
Logging & Sampling Procedures	7
Geological and Geochemical Results	8
Conclusion & Recommendations	11
References	12

LIST OF MAPS

Hit Location Map	2
Claim Map	3
Simplified Sketch of Geology & Geochemistry	10
Map Showing Drillhole Locations	Back Pocket

APPENDICES

Appendix 1	Detailed Program Expenditures
Appendix 2	Statement of Qualifications
Appendix 3	Employee List
Appendix 4	Geologic Logs
Appendix 5	Geochemical Assays

Introduction

During the summer of 1998, while following up regional geochemical silt samples (GSC Open File 1649), a geochemical soil survey was conducted over the Hit claims. This survey delineated numerous areas as having anomalous gold & arsenic values. During the months of September to October 1999, a 4 hole 600.10m diamond drill program was conducted on selected geochemical/geophysical targets. This report details the geological logging and assaying of the 4 diamond drill holes completed on the Hit claims

Location & Access

The Hit claims are located approximately 125 km northeast of the Robert Campbell turn off along the Nahanni Range road (Figure 1). Watson Lake is the closest major center with air service and other facilities and is 200 km south of the property (Figure 1). Access to the claims in the eastern portions of the Hit property can be made on foot; however, most of the property is best accessed by helicopter.

Physiography

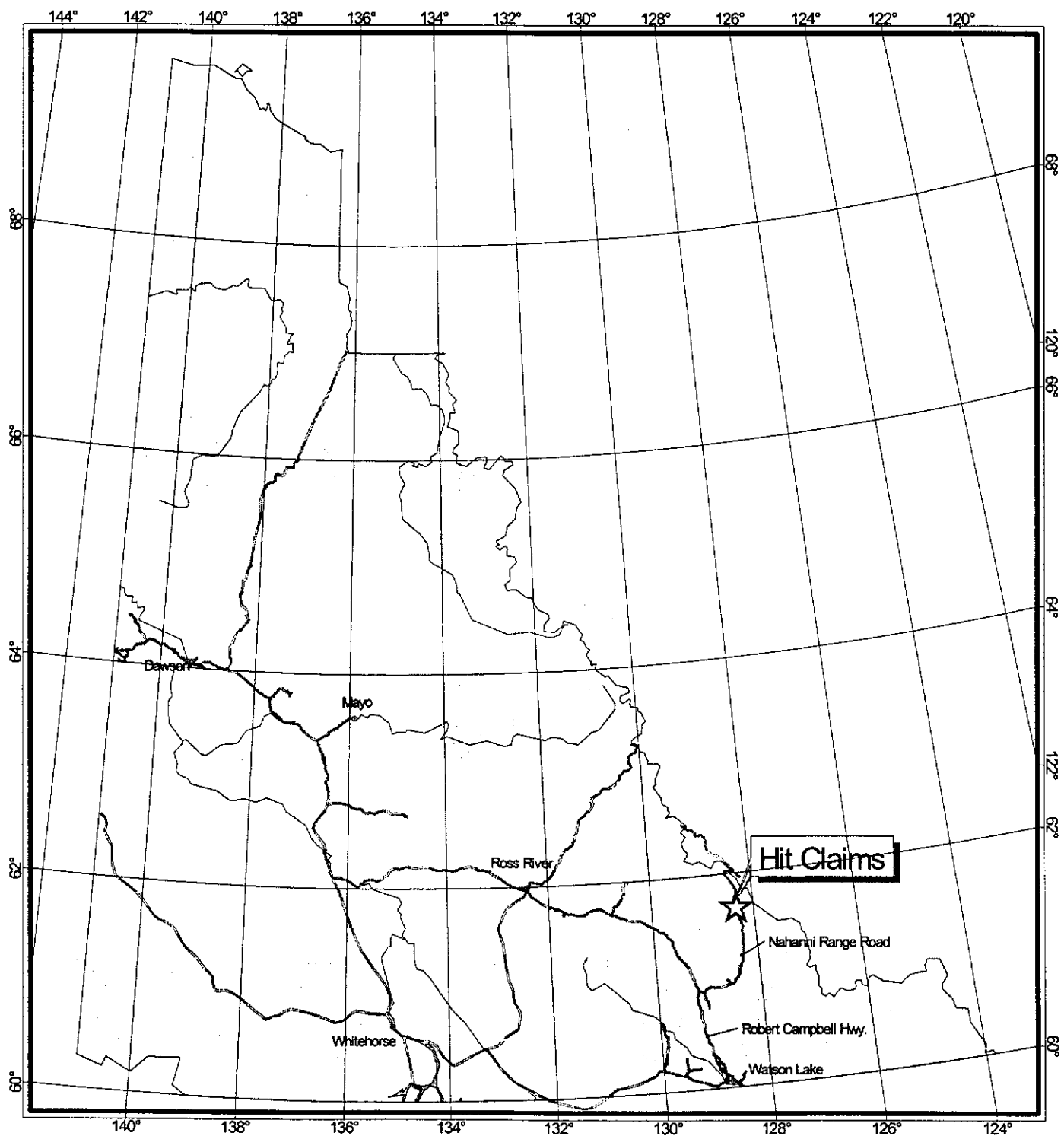
The Hit claims are situated in an area of moderate to rugged topographic relief with elevations ranging from 1200m to 2000m. Vegetation on the property is variable consisting of conifer trees, willows and alders in the valleys and minor scrub brush, abundant mosses, lichens and grasses on the hill tops. Outcrop is best observed on the hilltops, the steeper slopes and in creek cuts of the property.

History of Work

Recorded work on the Hit property includes geochemical sampling of soils, streams and rocks. In 1997 Hudson Bay Exploration & Dev. Co. Ltd. conducted regional silt/soil survey and subsequently staked the Hit claims. In 1998 follow-up of the initial survey included the establishment of a geochemical soil grid and geological mapping of the Hit claims.

Property Status & Ownership

The Hit property is composed of 129 two-post claims staked in an east/west direction (Figure 2). The property is 100% owned by Hudson Bay Exploration & Development Co. Ltd. Table I outlines the grant numbers and expiry dates of all the claims referred to in this report.



50 0 50 100 150 200 Kilometers

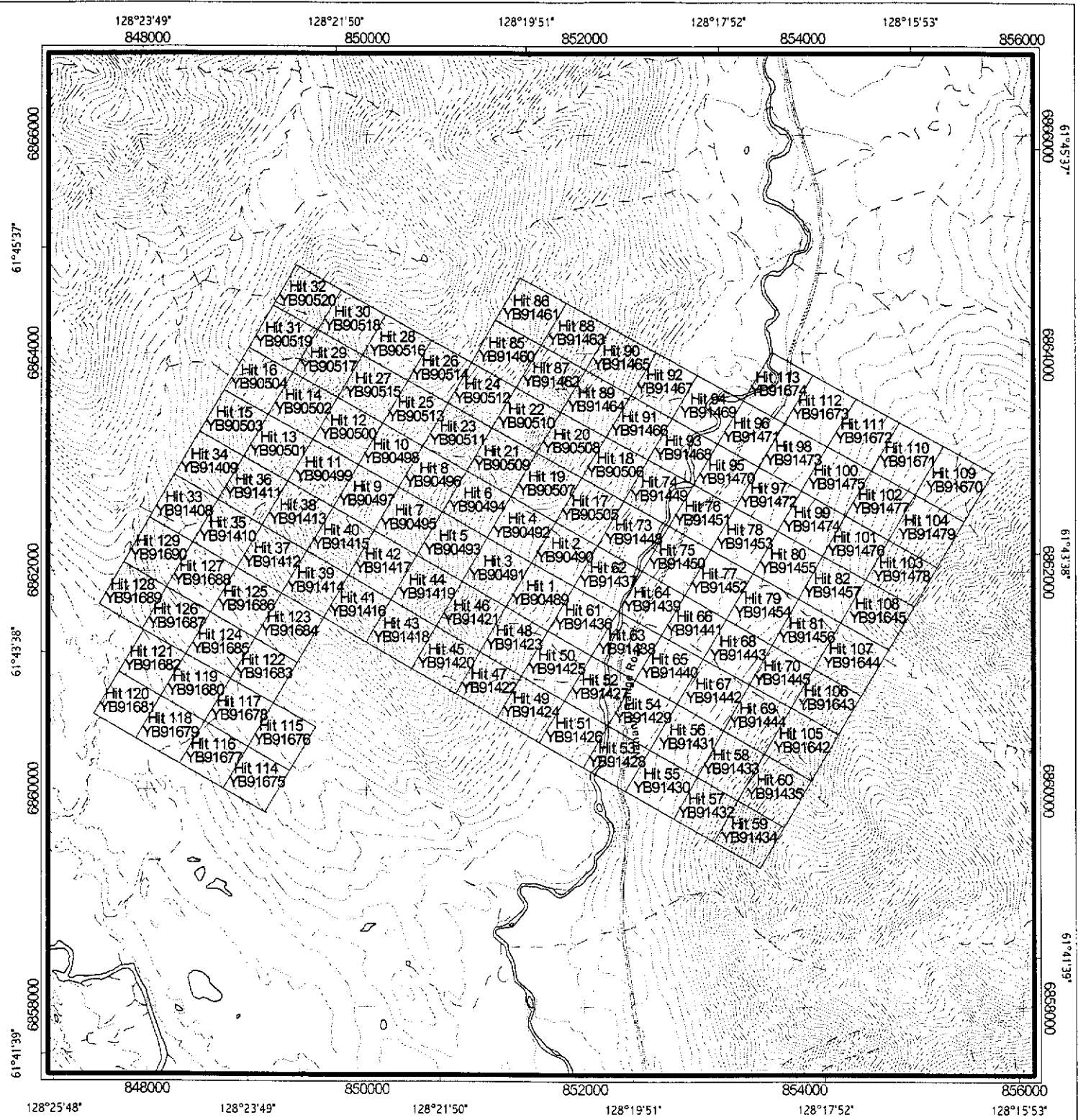
Hudson Bay Exploration & Dev. Co. Ltd.
Vancouver Office

Location Map
Hit 1- 129 Claims

FIGURE - 1
AUTHOR: MDB

SCALE
1:6000000

DATE: January 17, 1999
FILE: hitlocationmap.apr

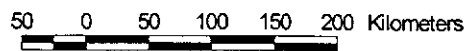


Legend

Road

Streams

Contours



Hudson Bay Exploration & Dev. Co. Ltd. Vancouver Office		
Hit 1-129 Claims UTM Zone 9 NAD 83		
FIGURE - 2	SCALE 1:50000	DATE: January 17, 1999 FILE: hitclaimmap.apr
AUTHOR: MDB		

Table I Claim Status

Claim Name	Grant No.	Date Staked	NTS	Hectares	Expiry
HIT 1	YB90489	22-Sep-97	105H/09	21	29-Sep-03*
HIT 2	YB90490	22-Sep-97	105H/09	21	29-Sep-03*
HIT 3	YB90491	22-Sep-97	105H/09	21	29-Sep-03*
HIT 4	YB90492	22-Sep-97	105H/09	21	29-Sep-03*
HIT 5	YB90493	22-Sep-97	105H/09	21	29-Sep-03*
HIT 6	YB90494	22-Sep-97	105H/09	21	29-Sep-03*
HIT 7	YB90495	22-Sep-97	105H/09	21	29-Sep-03*
HIT 8	YB90496	22-Sep-97	105H/09	21	29-Sep-03*
HIT 9	YB90497	22-Sep-97	105H/09	21	29-Sep-03*
HIT 10	YB90498	22-Sep-97	105H/09	21	29-Sep-03*
HIT 11	YB90499	22-Sep-97	105H/09	21	29-Sep-03*
HIT 12	YB90500	22-Sep-97	105H/09	21	29-Sep-03*
HIT 13	YB90501	22-Sep-97	105H/09	21	29-Sep-03*
HIT 14	YB90502	22-Sep-97	105H/09	21	29-Sep-03*
HIT 15	YB90503	22-Sep-97	105H/09	21	29-Sep-03*
HIT 16	YB90504	22-Sep-97	105H/09	21	29-Sep-03*
HIT 17	YB90505	22-Sep-97	105H/09	21	29-Sep-03*
HIT 18	YB90506	22-Sep-97	105H/09	21	29-Sep-03*
HIT 19	YB90507	22-Sep-97	105H/09	21	29-Sep-03*
HIT 20	YB90508	22-Sep-97	105H/09	21	29-Sep-03*
HIT 21	YB90509	22-Sep-97	105H/09	21	29-Sep-03*
HIT 22	YB90510	22-Sep-97	105H/09	21	29-Sep-03*
HIT 23	YB90511	22-Sep-97	105H/09	21	29-Sep-03*
HIT 24	YB90512	22-Sep-97	105H/09	21	29-Sep-03*
HIT 25	YB90513	22-Sep-97	105H/09	21	29-Sep-03*
HIT 26	YB90514	22-Sep-97	105H/09	21	29-Sep-03*
HIT 27	YB90515	22-Sep-97	105H/09	21	29-Sep-03*
HIT 28	YB90516	22-Sep-97	105H/09	21	29-Sep-03*
HIT 29	YB90517	22-Sep-97	105H/09	21	29-Sep-03*
HIT 30	YB90518	22-Sep-97	105H/09	21	29-Sep-03*
HIT 31	YB90519	22-Sep-97	105H/09	21	29-Sep-03*
HIT 32	YB90520	22-Sep-97	105H/16	21	29-Sep-03*
HIT 33	YB91408	28-Jul-98	105H/09	21	10-Jan-03*
HIT 34	YB91409	28-Jul-98	105H/09	21	10-Jan-03*
HIT 35	YB91410	28-Jul-98	105H/09	21	10-Jan-03*
HIT 36	YB91411	28-Jul-98	105H/09	21	10-Jan-03*
HIT 37	YB91412	28-Jul-98	105H/09	21	10-Jan-03*
HIT 38	YB91413	28-Jul-98	105H/09	21	10-Jan-03*
HIT 39	YB91414	28-Jul-98	105H/09	21	10-Jan-03*
HIT 40	YB91415	28-Jul-98	105H/09	21	10-Jan-03*
HIT 41	YB91416	28-Jul-98	105H/09	21	10-Jan-03*
HIT 42	YB91417	28-Jul-98	105H/09	21	10-Jan-03*
HIT 43	YB91418	28-Jul-98	105H/09	21	10-Jan-03*

Claim Name	Grant No.	Date Staked	NTS	Hectares	Expiry
HIT 44	YB91419	28-Jul-98	105H/09	21	10-Jan-03*
HIT 45	YB91420	28-Jul-98	105H/09	21	10-Jan-03*
HIT 46	YB91421	28-Jul-98	105H/09	21	10-Jan-03*
HIT 47	YB91422	28-Jul-98	105H/09	21	10-Jan-03*
HIT 48	YB91423	28-Jul-98	105H/09	21	10-Jan-03*
HIT 49	YB91424	28-Jul-98	105H/09	21	10-Jan-03*
HIT 50	YB91425	28-Jul-98	105H/09	21	10-Jan-03*
HIT 51	YB91426	28-Jul-98	105H/09	21	10-Jan-03*
HIT 52	YB91427	28-Jul-98	105H/09	21	10-Jan-03*
HIT 53	YB91428	28-Jul-98	105H/09	21	10-Jan-03*
HIT 54	YB91429	28-Jul-98	105H/09	21	10-Jan-03*
HIT 55	YB91430	28-Jul-98	105H/09	21	10-Jan-03*
HIT 56	YB91431	28-Jul-98	105H/09	21	10-Jan-03*
HIT 57	YB91432	29-Jul-98	105H/09	21	10-Jan-03*
HIT 58	YB91433	29-Jul-98	105H/09	21	10-Jan-03*
HIT 59	YB91434	29-Jul-98	105H/09	21	10-Jan-03*
HIT 60	YB91435	29-Jul-98	105H/09	21	10-Jan-03*
HIT 61	YB91436	27-Jul-98	105H/09	21	10-Jan-03*
HIT 62	YB91437	27-Jul-98	105H/09	21	10-Jan-03*
HIT 63	YB91438	27-Jul-98	105H/09	21	10-Jan-03*
HIT 64	YB91439	27-Jul-98	105H/09	21	10-Jan-03*
HIT 65	YB91440	27-Jul-98	105H/09	21	10-Jan-03*
HIT 66	YB91441	27-Jul-98	105H/09	21	10-Jan-03*
HIT 67	YB91442	27-Jul-98	105H/09	21	10-Jan-03*
HIT 68	YB91443	27-Jul-98	105H/09	21	10-Jan-03*
HIT 69	YB91444	27-Jul-98	105H/09	21	10-Jan-03*
HIT 70	YB91445	27-Jul-98	105H/09	21	10-Jan-03*
HIT 73	YB91448	27-Jul-98	105H/09	21	10-Jan-03*
HIT 74	YB91449	27-Jul-98	105H/09	21	10-Jan-03*
HIT 75	YB91450	27-Jul-98	105H/09	21	10-Jan-03*
HIT 76	YB91451	27-Jul-98	105H/09	21	10-Jan-03*
HIT 77	YB91452	27-Jul-98	105H/09	21	10-Jan-03*
HIT 78	YB91453	27-Jul-98	105H/09	21	10-Jan-03*
HIT 79	YB91454	27-Jul-98	105H/09	21	10-Jan-03*
HIT 80	YB91455	27-Jul-98	105H/09	21	10-Jan-03*
HIT 81	YB91456	27-Jul-98	105H/09	21	10-Jan-03*
HIT 82	YB91457	27-Jul-98	105H/09	21	10-Jan-03*
HIT 85	YB91460	28-Jul-98	105H/09	21	10-Jan-03*
HIT 86	YB91461	28-Jul-98	105H/09	21	10-Jan-03*
HIT 87	YB91462	28-Jul-98	105H/09	21	10-Jan-03*
HIT 88	YB91463	28-Jul-98	105H/09	21	10-Jan-03*
HIT 89	YB91464	28-Jul-98	105H/09	21	10-Jan-03*
HIT 90	YB91465	28-Jul-98	105H/09	21	10-Jan-03*
HIT 91	YB91466	27-Jul-98	105H/09	21	10-Jan-03*

Claim Name	Grant No.	Date Staked	NTS	Hectares	Expiry
HIT 92	YB91467	27-Jul-98	105H/09	21	10-Jan-03*
HIT 93	YB91468	27-Jul-98	105H/09	21	10-Jan-03*
HIT 94	YB91469	27-Jul-98	105H/09	21	10-Jan-03*
HIT 95	YB91470	27-Jul-98	105H/09	21	10-Jan-03*
HIT 96	YB91471	27-Jul-98	105H/09	21	10-Jan-03*
HIT 97	YB91472	27-Jul-98	105H/09	21	10-Jan-03*
HIT 98	YB91473	27-Jul-98	105H/09	21	10-Jan-03*
HIT 99	YB91474	27-Jul-98	105H/09	21	10-Jan-03*
HIT 100	YB91475	27-Jul-98	105H/09	21	10-Jan-03*
HIT 101	YB91476	27-Jul-98	105H/09	21	10-Jan-03*
HIT 102	YB91477	27-Jul-98	105H/09	21	10-Jan-03*
HIT 103	YB91478	27-Jul-98	105H/09	21	10-Jan-03*
HIT 104	YB91479	27-Jul-98	105H/09	21	10-Jan-03*
HIT 105	YB91642	05-Sep-98	105H/09	21	10-Jan-02*
HIT 106	YB91643	05-Sep-98	105H/09	21	10-Jan-02*
HIT 107	YB91644	05-Sep-98	105H/09	21	10-Jan-02*
HIT 108	YB91645	05-Sep-98	105H/09	21	10-Jan-02*
HIT 109	YB91670	05-Sep-98	105H/09	21	10-Jan-02*
HIT 110	YB91671	05-Sep-98	105H/09	21	10-Jan-02*
HIT 111	YB91672	05-Sep-98	105H/09	21	10-Jan-02*
HIT 112	YB91673	05-Sep-98	105H/09	21	10-Jan-02*
HIT 113	YB91674	05-Sep-98	105H/09	21	10-Jan-02*
HIT 114	YB91675	05-Sep-98	105H/09	21	10-Jan-02*
HIT 115	YB91676	05-Sep-98	105H/09	21	10-Jan-02*
HIT 116	YB91677	05-Sep-98	105H/09	21	10-Jan-02*
HIT 117	YB91678	05-Sep-98	105H/09	21	10-Jan-02*
HIT 118	YB91679	05-Sep-98	105H/09	21	10-Jan-02*
HIT 119	YB91680	05-Sep-98	105H/09	21	10-Jan-02*
HIT 120	YB91681	05-Sep-98	105H/09	21	10-Jan-02*
HIT 121	YB91682	05-Sep-98	105H/09	21	10-Jan-02*
HIT 122	YB91683	05-Sep-98	105H/09	21	10-Jan-02*
HIT 123	YB91684	05-Sep-98	105H/09	21	10-Jan-02*
HIT 124	YB91685	05-Sep-98	105H/09	21	10-Jan-02*
HIT 125	YB91686	05-Sep-98	105H/09	21	10-Jan-02*
HIT 126	YB91687	05-Sep-98	105H/09	21	10-Jan-02*
HIT 127	YB91688	05-Sep-98	105H/09	21	10-Jan-02*
HIT 128	YB91689	05-Sep-98	105H/09	21	10-Jan-02*
HIT 129	YB91690	05-Sep-98	105H/09	21	10-Jan-02*

* Pending acceptance of this report.

Work Performed

Geological logging and sampling of core drilled on the Hit claims was conducted by M. Buchanan, A. Fonseca, G. Mulligan, D. Simms and J. Sparling of Hudson Bay Exploration & Development Co. Ltd. (See Appendix 3). Diamond drilling on the Hit claims was conducted by DJ Diamond Drilling of Watson Lake, Yukon. All drilling was supported by an on site contract helicopter provided by Northern Mountain Helicopters of Prince George, British Columbia. The following outlines the drill program completed during the 1999 exploration program:

DDH 99-01

From Sept 1st to Sept 6th DJ Diamond Drilling completed 183.49m of NQ sized drill core from ddh 99-01. This core was subsequently transported to camp located 25 km to the south, logged by A. Fonseca and sampled by G. Mulligan and S. de Wit of Hudson Bay Exploration and Development Co. Ltd..

DDH 99-02

From Sept 7th to Sept 12th DJ Diamond Drilling completed 201.3m of NQ sized drill core from ddh 99-02. This core was subsequently transported to camp located 25 km to the south, logged by A. Fonseca and sampled by G. Mulligan and S. de Wit of Hudson Bay Exploration and Development Co. Ltd..

DDH 99-03

From Sept 13th to Sept 16th DJ Diamond Drilling completed 95.48m of NQ sized drill core from ddh 99-03. This core was subsequently transported to camp located 25 km to the south, logged by G. Mulligan and sampled by A. Fonseca and S. de Wit of Hudson Bay Exploration and Development Co. Ltd..

DDH 99-04

From Sept 17th to Sept 20th DJ Diamond Drilling completed 173.83 of NQ sized drill core from ddh 99-04. This core was subsequently transported to camp located 25 km to the south, logged by M. Buchanan and sampled by G. Mulligan and S. de Wit of Hudson Bay Exploration and Development Co. Ltd..

Logging & Sampling Procedures

The following procedures were employed during the logging and sampling of the diamond drill core:

1. Core inspected and converted from feet to meters.
2. Core measured and geologic units marked, followed by geologic descriptions and structural measurements.
3. Mark out assay interval selection of +/- 1.5m sample lengths.
4. Samples split in half using a stand splitter.
5. Half the sample left in the core box the other half sent to Acme Labs, Vancouver for pulverising and 48 elements ICP-MS analysis.

Geological and Geochemical Results

In general drilling on the Hit property intersected subarkosic wacke, shale, siltstone and minor limestone. Brief descriptions of each hole including geochemistry and simplified sketches are included and on the next couple of pages. Complete geologic logs and geochemical assays can be viewed in Appendix 4 and 5.

Ddh 99-01

Drill hole 99-01 was drilled at and azimuth/dip of 250°/-55° and located at local grid coordinates 5705N x 5025E. The drilling intersected coarse to fine grained altered subarkosic wacke in the top and bottom of the hole, separated by black shale in the middle. Quartz veining is present throughout the entire hole; however, veins appear to be more concentrated in the wacke and near recognized fault structures rather than the shale. The geochemistry from ddh99-01 suggests that anomalous gold and arsenic values exist throughout the arkosic wacke. The best values intersected in the hole include 1.5m @ 4505ppb Au and 4.5m @ 723ppb Au.

Ddh 99-02

Drill hole 99-02 was drilled at and azimuth/dip of 127°/-60° and located at local grid coordinates 4225N x 4500E. In general the drilling intersected quartz pebble conglomerate in the top of the hole and shale +/- limestone the bottom of the hole. Geochemical assaying indicates no significant gold mineralisation was intersected; however, elevated arsenic values greater than 600ppm were observed in the conglomerate unit.

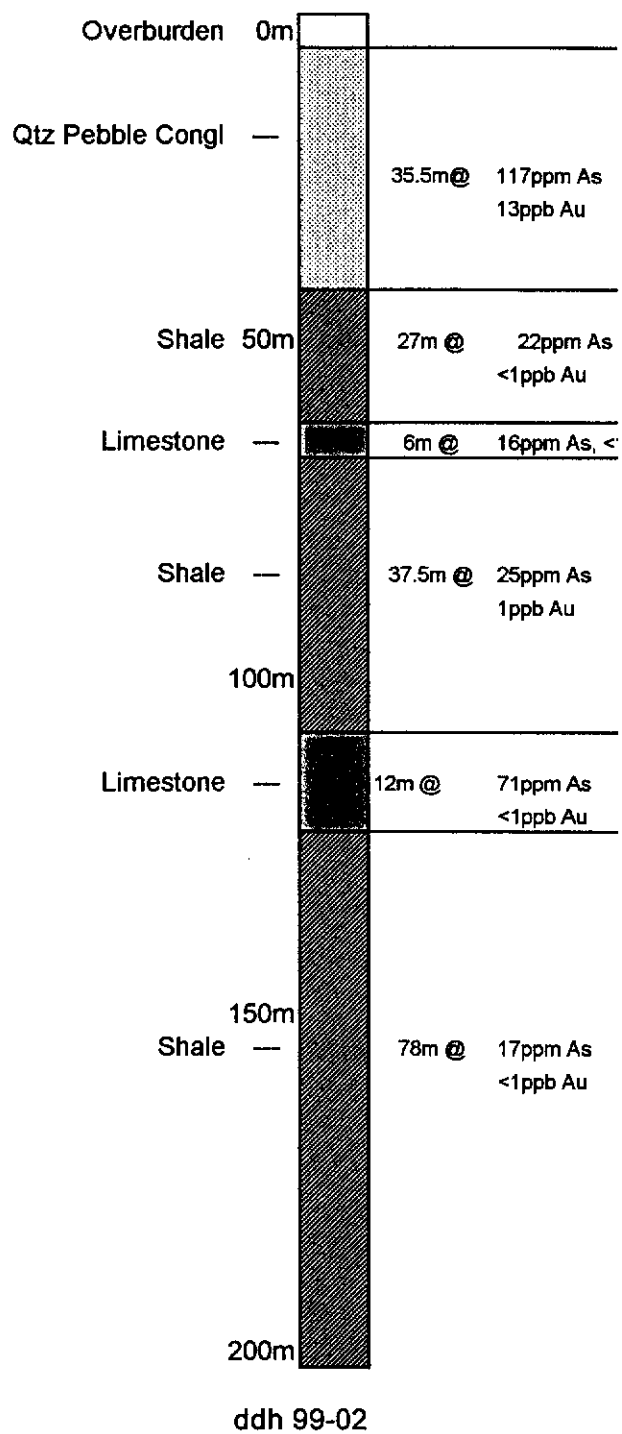
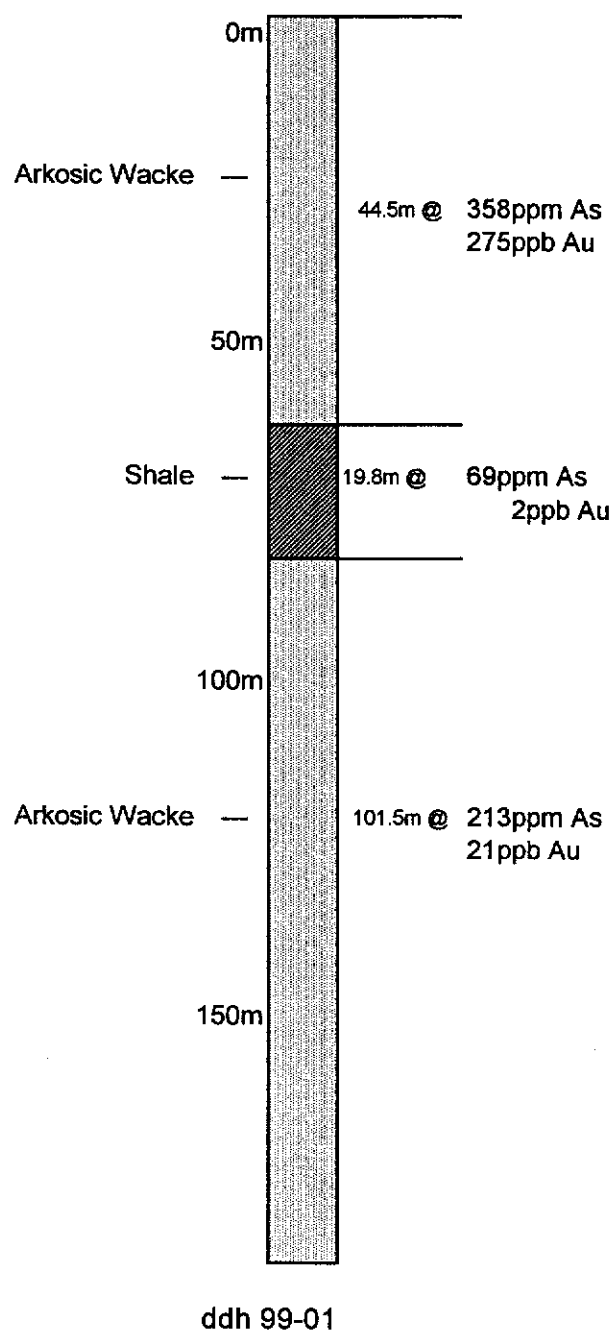
Ddh 99-03

Drill hole 99-03 was drilled at and azimuth/dip of 125°/-65° and located at local grid coordinates 4235N x 4000E. The drilling intersected coarse to fine grained subarkosic wacke in the top followed by shale and limestone in the bottom of the hole. As with ddh 99-02 geochemical assaying indicated no significant gold mineralisation but elevated arsenic values were observed in a thin shale unit near the top of the hole.

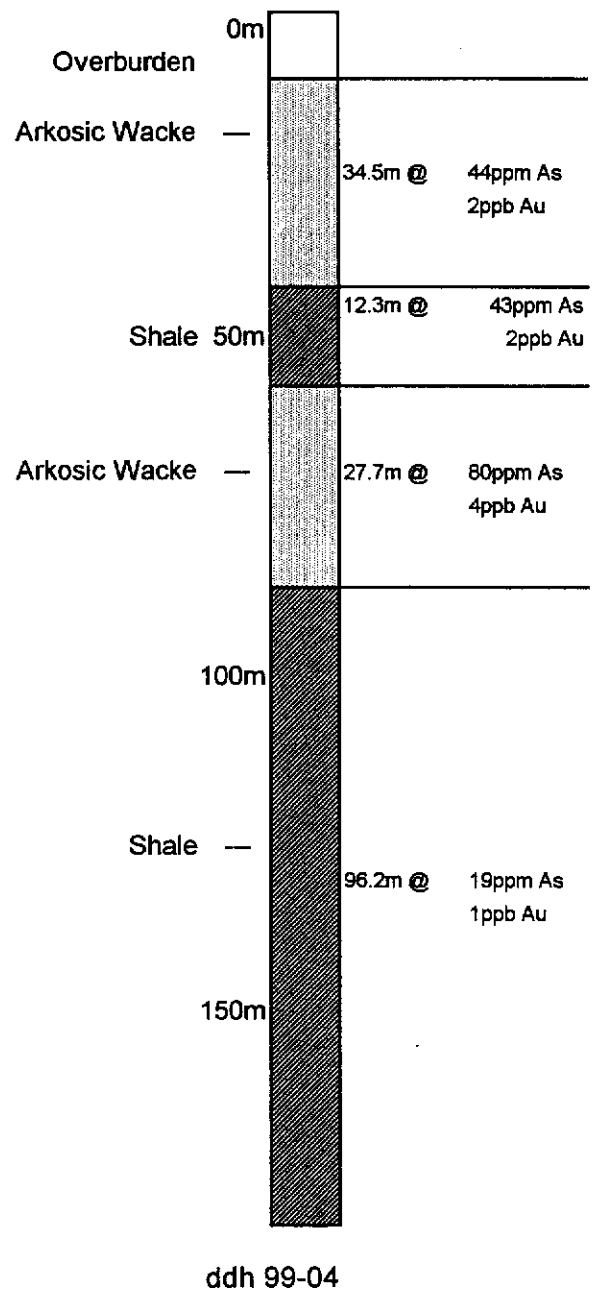
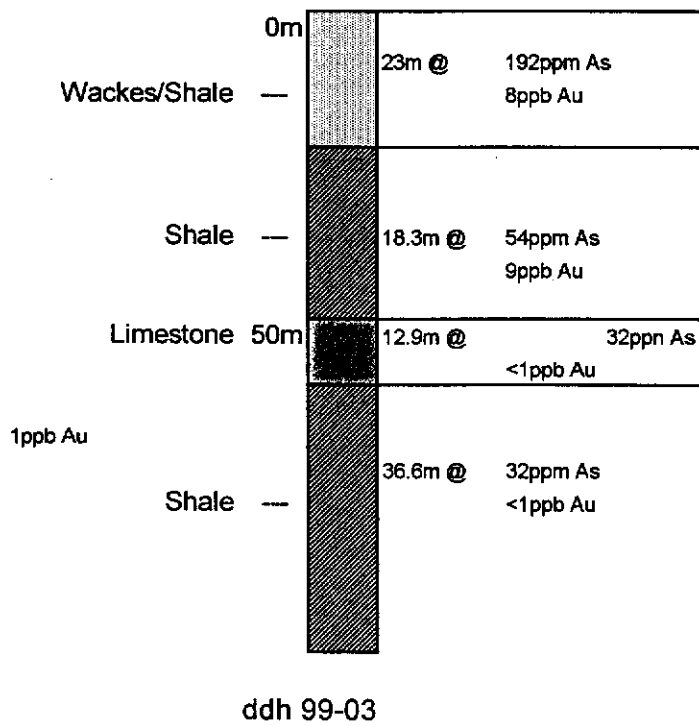
Ddh 99-04

Drill hole 99-04 was drilled at and azimuth/dip of 125°/-70° and located at local grid coordinates 3600N x 4400E. The drilling intersected coarse to fine grained subarkosic wacke in the top of the hole and shale near the bottom of the hole. No significant geochemistry was noted in this hole.

Simplified Geology & Geochemistry



Simplified Geology & Geochemistry



Conclusion & Recommendations

Results from the 4 diamond drill holes completed on the Hit property to date confirm the presence of anomalous levels of gold and arsenic. Specifically, results of drill hole 99-01 suggest the gold and arsenic mineralisation appears to be correctable with the wacke, siltstone and coarser sediments rather than the shale. This apparent favorability may be due to nature of the wacke and it's tendency towards brittle fracturing, faulting and veining instead of more ductile like behaviour.

If this scenario is correct the wacke and the associated veining/faulting are good conduits along which gold rich mineralising fluids could flow; however, in order for significant amounts of economic mineralisation to occur the fluids must be trapped. Trapping mechanisms include geochemically receptive units such as calcareous siltstone/limy sediments, folds and or intersecting faults. These features could create space or impermeable barriers that might cause ponding of the mineralising fluids. It is recommended that the follow-up on the Hit property should include:

1. Detailed geological and structural mapping around areas of recognised faulting and known mineralisation in an attempt to locate receptive host units and/or structural traps.
2. Conduct a VLF survey around the area of confirmed mineralisation to determine if any structural feature could be delineated and traced into other units.
3. Further drill testing providing the geological and structural mapping or the VLF survey delineates further targets.

References

Geological Survey of Canada, 1966. Geology of the Frances Lake Sheet (NTS 105H), Yukon Territory & District of Mackenzie, Map 6-1966, 1" to 4 miles.

Hit Property Geochemical Survey, Hudson Bay Expl. & Dev. Co. Ltd, Assessment Report, 1998

Hornbrook, E.H.W. and Friske, P.W.B., 1989. Regional Stream and Water Geochemical Data, Southeast Yukon, Map 105H: Open File 1649, Geological Survey of Canada.

Yukon Minfile, 1996. Digital Compilation of Yukon Minfile, Hyperborean Productions on behalf of the Department of Indian & Northern Affairs and Her Majesty the Queen in Right of Canada.

Appendix 1

Detailed Program Expenditures

Drilling Summary

Work Dates - September 1st to 28th, 1999

Hit ddh99-01 on Hit 12

NQ Diamond Drilling	183.5m	x	\$97.17/m	=	\$17,831
Driller Accommodations	4 persons	x	6 days x \$50/p/d	=	\$1,200
Core Splitting/Logging					<u>\$875</u>
					\$19,906

Hit ddh99-02 on Hit 5

NQ Diamond Drilling	199.35m	x	\$57.72/m	=	\$10,307
Driller Accommodations	4 persons	x	6 days x \$50/p/d	=	\$1,200
Core Splitting/Logging					<u>\$875</u>
					\$12,382

Hit ddh99-03 on Hit 44

NQ Diamond Drilling	97.54m	x	\$114.67/m	=	\$11,185
Driller Accommodation	4 persons	x	4 days x \$50/p/d	=	\$800
Core Splitting/Logging					<u>\$875</u>
					\$12,860

Hit ddh99-04 on Hit 3

NQ Diamond Drilling	179.84m	x	\$82.91/m	=	\$14,910
Driller Accommodations	4 persons	x	4 days x \$50/p/d	=	\$800
Core Splitting/Logging					<u>\$875</u>
					\$16,585

Total \$61,733

Analytical Costs

Work Dates - October 1st to October 18th, 1999

Core Assaying	413 samples x	\$23.35/sample	=	<u>\$9643.55</u>
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Total \$9642.55

Appendix 2

STATEMENT OF QUALIFICATIONS

I, Michael Buchanan, of Vancouver, BC hereby certify that:

- 1) I am a graduate of the University of British Columbia, with a B.Sc. (Hon) in Geology (1995).
- 2) I am currently employed as a Geologist for Hudson Bay Exploration & Development Company Limited.
- 3) I am currently a member in good standing of the Association of Professional Engineers & Geoscientists of British Columbia (Geologist in Training).
- 4) The information contained within this report is based on published and unpublished reports of the area and work carried out in part and/or in full by myself and others under my supervision.
- 5) I have no interest in the Bay claims or any others within a 100km radius

Signed this day 28th of FEBRUARY, 1999.



Michael Buchanan
Geologist
Hudson Bay Exploration and
Development Company Limited

Appendix 3

Personnel

<u>Name:</u>	<u>Position</u>
Michael Buchanan Box 203 141-757 West Hastings St. Vancouver, BC V6C 1A1	Project Geologist
Steve de Wit PO Box 3107 Vancouver, BC V6B 3X6	Geologist
Jason Dunning 12041 234 th Street Maple Ridge, BC V2X 9K7	Geologist
Anna Fonseca P.O. Box 2703 Whitehorse, Yukon Y1A 2C6	Geologist
Scott Heffernan 1651 Harwood Street Vancouver, BC V6G 1Y2	Jr. Geologist
Geoff Mulligan 111 N. Ogilvie St. Prince George, BC V2M 3H4	Jr. Geologist
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Appendix 4

Hit Property

DDH99-01

Project: Yukon Gold
Core Size: NQ

Hole: DDH 99-01

Drill Contractor: DJ
Azimuth: 250.00

Property: Hit Property

Start Date: 9/2/99
Dip: -55.00

Logged By: ALF

Completion Date: Sept 6, 1999
Depth: 183.49

Date: Sept 8, 1999

Hudson Bay Expl. and Dev. Co. Ltd.

Northing: 5705

Diamond Drill Core Log Sheet

Easting: 5025

Depth		Rock Codes		Rock Description Comments	Alteration				Structure				Assays					
From	To	Qual	Rock		% Fe	% Oxi	Sulph	%	Struc1	CA #1	Struc2	CA #2	From	To	Sample	Au	As	Pb
0.00	9.14			Casing														
9.14	15.42			Local colour banding, lower contact marked by a 6 cm qtz vein					S0	40.0	S1	50.0						
									S0	30.0	S1	55.0						
15.42	17.70	coar	WKE	Medium/coarse grained (qtz + feldspar clasts 2-4mm). Variable Fe oxides of clay altered feldspar generally < 2%. Bottom 30cm has blackshale bands < 4cm & more intense oxidation. LC - Fault. UC - Fault/stratigraphic														
17.70	17.94		MUD	Gritty; rock may have been shale interbedded with wacke									17.70	18.45	A 5000	155	885	13
17.94	18.45		QTZV	qtz vein crosscut by later, transparent stringer @ 30-40 CA														
18.45	20.00	mdgm	SARK	Medium to coarse grained arkose to sub arkose wacke. feldspars completely altered to clay. Trace disseminated Aspy xls <1mm. Large <8cm blk shale ripups in finer grained matrix of subarkose wacke.					S1	60.0	fra	35.0	18.45	20.00	A 5001	89	736	8
20.00	23.75	coar	SARK	Medium grained subarkose (locally arkose, feldspar 5-7%) wacke to arenite. Trace blue metamorphic quartz					fra	0.0			20.00	21.50	A 5002	21	394	8
													21.50	23.00	A 5003	17	203	7
													23.00	24.50	A 5004	439	739	10
23.75	27.40	fine	SARK	Medium grn/brn to red/brn where oxidized.					S1	40.0			24.50	26.00	A 5005	2	123	11
													26.00	27.50	A 5006	7	105	14
27.40	30.55	coar	SARK	<1% lithic clasts of angular blk shale									27.50	29.00	A 5007	159	674	13
													29.00	30.50	A 5008	12	291	15
													30.50	32.00	A 5009	1	110	10
30.55	35.40	fine	SAAR	contains shale <15cm & wacke <50cm bands					S0	40.0			32.00	33.50	A 5010	17	438	32
													33.50	35.00	A 5011	11	98	11
													35.00	36.50	A 5012	274	626	18
35.40	37.50	coar	SARK	Subarkose wacke to fine conglomerate	2	mod							36.50	38.00	A 5013	1140	1003	19
37.50	45.50	mdgm	SARK	Medium to coarse grained subarkose wacke. Local black shale clasts. LC gradational (increasing amount of dark pelitic material in matrix)	2	mod		tr	S1	70.0			38.00	39.50	A 5014	757	425	6
													39.50	41.00	A 5015	34	453	9
													41.00	42.50	A 5016	32	596	11
													42.50	44.00	A 5017	10	221	3
													44.00	45.50	A 5018	25	214	5

Hudson Bay Expl. and Dev. Co. Ltd.

Diamond Drill Core Log Sheet

Project: Yukon Gold Core Size NQ
 Drill Contractor DJ Azimuth: 250.00
 Start Date: 9/2/99 Dip: -55.00
 Completion Date: Sept 6, 1999 Depth: 183.49

Northing: 5705
 Easting: 5025

Hole: DDH 99-01
 Property: Hit Property
 Logged By: ALF
 Date: Sept 8, 1999

Depth		Rock Codes		Rock Description Comments	Alteration				Structure				Assays					
From	To	Qual	Rock		% Fe	% Oxi	Sulph	%	Struc1	CA #1	Struc2	CA #2	From	To	Sample	Au	As	Pb
45.50	46.00		SHAL	Siltstone/shale		wk			S1	60.0			45.50	47.00	A 5019	4506	320	11
46.00	51.50	fine	SAAR	Patchy oxidation, abundant sigmoidal qtz veinlets, foliation anastomosing spaced .7 to 1.5cm with intense oxidation. UC gradational with siltstone/shale. LC abrupt, yet straight contact with coarse-grained wacke cong. below		str			S1	75.0			47.00	48.50	A 5020	20	250	7
													48.50	50.00	A 5021	6	182	5
													50.00	51.50	A 5022	36	347	24
51.50	62.18	coar	ARKW	Fine conglomerate to coarse arkose/wacke trace diss. pyrite, more common in finer grained intervals. LC faulted, crushed shale/mud, Qtz veining and brecciation, sudden change from fine conglomerate to coarse wacke to black shale.	3	mod		tr	S1	65.0	fra	25.0	51.50	53.00	A 5023	23	336	17
													53.00	54.50	A 5024	9	220	11
													54.50	56.00	A 5025	16	282	14
													56.00	56.90	A 5026	16	151	9
													56.90	58.05	A 5027	17	354	110
													58.05	59.50	A 5028	414	274	31
													59.50	61.00	A 5029	5	108	11
													61.00	62.20	A 5030	7	44	19
62.18	62.60		SHAL	fault + shale + qtz vein/Qtz breccia, local chlorite and oxidized sx in qtz veins									62.20	64.00	A 5031	1	72	14
62.60	66.40	fine	SAAR	62.6-65.5 interval of black shale and crushed shale/mud. 65.5-66.4 md green fg. arkose arenite . upper contact crushed shale mud (fault), lower contact well preserved depositional, abrupt contact @ 60.	7				S1	60.0			64.00	65.50	A 5032	2	53	24
									S1	30.0			65.50	67.00	A 5111	2	48	13
66.40	74.30		SHAL	black shale and abundant qtz veining (<7cm wide, sub perp. to CA.). Ptygmatic stringers folded along foliation. Few intervals of crushed/mud text core <10cm.					S0	60.0	S1	75.0	67.00	68.50	A 5033	1	47	11
													68.50	70.00	A 5034	1	50	13
													70.00	71.50	A 5035	1	38	22
													71.50	73.00	A 5036	1	53	30
													73.00	74.50	A 5037	2	128	37
74.30	75.80	fine	QAR	lower and upper contact are depositional @60. 10% diss oxides (rd-brown hematite?)	10	wk			S1	30.0	fra	25.0	74.50	76.00	A 5038	5	179	15
75.80	81.70		SHAL	Interbedded blk/gr shale and siltstone/wacke (intervals <50cm. depositional contact @50				tr	S0	50.0	S1	40.0	76.00	77.50	A 5039	2	48	19
													77.50	79.00	A 5040	2	45	28
													79.00	80.50	A 5041	2	39	32
													80.50	82.00	A 5042	8	98	30

Hudson Bay Expl. and Dev. Co. Ltd.

Project: Yukon Gold Core Size NQ
 Drill Contractor DJ Azimuth: 250.00
 Start Date: 9/2/99 Dip: -55.00
 Completion Date: Sept 6, 1999 Depth: 183.49

Diamond Drill Core Log Sheet

Northing: 5705
 Easting: 5025

Hole: DDH 99-01
 Property: Hit Property
 Logged By: ALF
 Date: Sept 8, 1999

Depth		Rock Codes		Rock Description Comments	Alteration				Structure				Assays					
From	To	Qual	Rock		% Fe	% Oxi	Sulph	%	Struc1	CA #1	Struc2	CA #2	From	To	Sample	Au	As	Pb
81.70	88.25	fine	SAAR	spaced foliation, patchy medium oxidation	3	mod			S1	65.0	fra	20.0	82.00	83.50	A 5043	65	176	14
													83.50	85.00	A 5044	0	12	28
													85.00	86.50	A 5045	10	102	12
													86.50	88.00	A 5046	36	213	18
													88.00	89.50	A 5047	182	954	14
88.25	97.70	coar	ARKW	rare small black shale clasts, local blue (metam) qtz	3			tr	S1	35.0			89.50	91.00	A 5048	24	161	12
													91.00	92.50	A 5049	19	337	129
													92.50	94.00	A 5050	87	296	13
													94.00	95.50	A 5051	11	80	7
													95.50	97.00	A 5052	17	283	8
													97.00	98.50	A 5053	23	352	9
97.70	100.0		QTZV	qtz vein/breccia. qtz-oxide brecciating wacke. Gouge interval 30cm wide (gr/yel clay). Local chlorite on fractures		mod		tr					98.50	100.00	A 5054	55	551	14
100.0	103.0	mdgm	ARKW	m-fg subarkosic wacke, local lithic clasts of black shale	3				S1	50.0	fra	25.0	100.00	101.50	A 5055	25	219	13
													101.50	103.00	A 5056	3	125	12
103.0	110.3	coar	ARKW	subarkosic wacke, local patchy oxidation in finer grained wacke	2				S1	60.0			103.00	104.50	A 5057	9	140	14
													104.50	106.00	A 5058	15	139	6
													106.00	107.50	A 5059	22	114	19
													107.50	109.00	A 5060	28	232	9
													109.00	110.50	A 5061	8	70	9
110.3	114.6	fine	ARKW	sub-arkosic wacke to arenite, local patchy oxidation	1	wk			fra	50.0			110.50	112.00	A 5062	4	98	7
													112.00	113.50	A 5063	9	50	11
													113.50	115.00	A 5064	5	25	13
114.6	122.9	coar	ARKW	oxidized feldspars <1cm	5				S1	65.0	fra	30.0	115.00	116.50	A 5065	6	121	9
													116.50	118.00	A 5066	23	168	9
													118.00	119.50	A 5067	4	72	13
													119.50	121.00	A 5068	38	556	7
													121.00	122.50	A 5069	9	187	9
													122.50	124.00	A 5070	1	7	8

Hudson Bay Expl. and Dev. Co. Ltd.

Diamond Drill Core Log Sheet

Project: Yukon Gold Core Size NQ
 Drill Contractor DJ Azimuth: 250.00
 Start Date: 9/2/99 Dip: -55.00
 Completion Date: Sept 6, 1999 Depth: 183.49

Northing: 5705

Easting: 5025

Hole: DDH 99-01

Property: Hit Property

Logged By: ALF

Date: Sept 8, 1999

Depth		Rock Codes		Rock Description Comments	Alteration				Structure				Assays					
From	To	Qual	Rock		% Fe	% Oxi	Sulph	%	Struc1	CA #1	Struc2	CA #2	From	To	Sample	Au	As	Pb
122.9	126.7	mdgrn	ARK	arkose-subarkosic wacke. reddish colour from homogeneous oxidation. Abundant irregular, discontinuous wht qtz veins and stringers	2				S1	70.0	fra	20.0	124.00	125.50	A 5071	1	15	7
													125.50	127.00	A 5072	7	60	13
126.7	135.0	coar	ARKW	Feldspar grains <1cm, folded foliation w. fold axis @ 30 to CA. spaced (.5-1cm) foliation	3				S1	30.0	fra	15.0	127.00	128.50	A 5073	40	452	6
													128.50	130.00	A 5074	11	76	7
													130.00	131.50	A 5075	3	21	10
													131.50	133.00	A 5076	11	30	22
													133.00	134.50	A 5077	11	96	22
													134.50	136.00	A 5078	26	285	10
135.0	144.1	fine	SARK	subarkose to arkosic arenite. local patchy oxidation (slight to moderate)	1	str		tr	S1	60.0	fra	30.0	136.00	137.50	A 5079	11	239	6
													137.50	139.00	A 5080	2	13	22
													139.00	140.50	A 5081	34	331	12
													140.50	142.00	A 5082	8	117	17
													142.00	143.50	A 5083	6	110	41
													143.50	145.00	A 5084	4	86	20
144.1	144.7		SHAL	fault. crushed dk gre shale and med gre clay. upper and lower contact broken														
144.7	145.4	coar	ARKW	sub-arkosic wacke. lower contact depositional, v. well preserved @30.	1	mod		tr	S1	70.0			145.00	146.50	A 5085	2	174	28
145.4	150.0		SHAL	interbedded shale and fg subarkosic arenite		wk		tr	S1	80.0			146.50	148.00	A 5086	12	310	25
													148.00	149.50	A 5087	17	239	12
													149.50	151.00	A 5088	7	299	8
150.0	154.2	fine	SARK	fg subarkose to arkose, md/strong oxidation along fracture surfaces. cg subarkosic wacke to congl. <1m	1	mod		tr	fra	45.0			151.00	152.50	A 5089	21	338	28
													152.50	154.00	A 5090	26	307	6
													154.00	155.00	A 5091	18	293	10
154.2	155.7		MUD	shale protolith		mod							155.00	156.50	A 5092	13	165	43
155.7	157.2		MUD	wacke protolith?									156.50	158.00	A 5093	9	120	32
157.2	157.4		MUD	shale protolith														
157.4	157.8	fine	SAAR	black core interval <30cm		wk		tr										
157.8	157.9		MUD	fault														

Hudson Bay Expl. and Dev. Co. Ltd.

Project: Yukon Gold Core Size NQ
 Drill Contractor DJ Azimuth: 250.00
 Start Date: 9/2/99 Dip: -55.00
 Completion Date: Sept 6, 1999 Depth: 183.49

Diamond Drill Core Log Sheet

Northing: 5705
 Easting: 5025

Hole: DDH 99-01
 Property: Hit Property
 Logged By: ALF
 Date: Sept 8, 1999

Depth		Rock Codes		Rock Description Comments	Alteration				Structure				Assays					
From	To	Qual	Rock		% Fe	% Oxi	Sulph	%	Struc1	CA #1	Struc2	CA #2	From	To	Sample	Au	As	Pb
157.9	160.6	fine	SAAR	lower contact depositional and well preserved	1				S1	45.0			158.00	159.50	A 5094	56	702	5
													159.50	161.00	A 5095	54	614	14
160.6	162.9		CON	subarkosic, sublithic congl.	1				fra	60.0	fra	45.0	161.00	162.50	A 5096	25	183	5
													162.50	164.00	A 5097	10	194	8
162.9	164.9	fine	SAAR	fg subarkosic arenite		mod			fra	30.0			164.00	165.50	A 5098	21	250	12
164.9	169.3		WKE	wacke + fault. arenite/wacke intervals <30cm @ top, becoming much smaller downhole									165.50	167.00	A 5099	17	198	130
													167.00	168.50	A 5100	11	305	66
													168.50	170.00	A 5101	15	242	282
169.3	172.4		MUD	Fault and shale, md and dk green mud, locally brecciated by qtz veins, minor intervals of crushed wacke					fra	40.0			170.00	171.50	A 5102	11	99	101
													171.50	173.00	A 5103	32	180	268
172.4	175.1		SAAR	Fault and subarkosic arenite, minor shale (black mud) and brecciated intervals					fra	50.0			173.00	174.50	A 5104	4	74	73
													174.50	176.00	A 5105	21	335	43
175.1	183.4	fine	SAAR	light colour very distinct from fg sandstones above. locally mod to str oxidized, upper contact is fault					fra	30.0	fra	15.0	176.00	177.50	A 5106	1	48	15
													177.50	179.00	A 5107	22	355	12
													179.00	180.50	A 5108	38	445	34
													180.50	182.00	A 5109	33	199	31
													182.00	183.48	A 5110	34	140	10
183.4	183.4			End of Hole														

Hit Property

DDH99-02

Project: Yukon Gold

Core Size NQ

Hudson Bay Expl. and Dev. Co. Ltd.

Northing: 4225

Hole: DDH 99-02

Drill Contractor DJ

Azimuth: 127.0

Diamond Drill Core Log Sheet

Easting: 4500

Property: Hit

Start Date: 9/7/99

Dip: -60.0

Logged By: ALF

Completion Date: 9/12/99

Depth: 201.30

Date: 9/14/99

Depth		Rock Codes		Rock Description Comments	Alteration				Structure				Assays					
From	To	Qual	Rock		% Fe	% Oxi	Sulph	%	Struc1	CA #1	Struc2	CA #2	From	To	Sample	Au	As	Pb
0.00	2.48			Casing														
2.48	13.00		SHAL	black shale with interbedded green siltstone, shale intervals <30cm, coarsening downhole, coarse wacke interval <30cm towards bottom, py diss along vein/stringer contacts, coarse wacke/fine congl has <1% diss py cubes and oxidized py in cement				tr	S0	70.0	S1	60.0	4.00	5.50	A 5112	0.7	5	34
													5.50	7.00	A 5113	0.3	5	17
													7.00	8.50	A 5114	1.8	16	23
													8.50	10.00	A 5115	2.7	20	10
													10.00	11.50	A 5116	3.0	15	3
													11.50	13.00	A 5117	1.5	21	4
13.00	16.84	fine	CON	fault and congl., coarse qtz wacke or fine qtz pebble congl, crushed intervals of green siltstone, abundant fault gouge				1					13.00	14.50	A 5118	142.8	974	19
													14.50	16.50	A 5119	61.9	665	7
													16.50	18.00	A 5120	16.7	189	4
16.84	20.56	srw	CON	qtz-pebble congl				1	S1	45.0			18.00	19.50	A 5121	13.4	144	3
													19.50	21.00	A 5122	5.5	30	4
20.56	23.77	fine	SAAR	minor clay seams <10cm @55 to CA					Fault	55.0			21.00	22.50	A 5123	1.3	54	4
													22.50	24.00	A 5124	1.6	61	12
23.77	26.82		CON	chloritized qtz pebble congl.				tr	S1	40.0			24.00	25.50	A 5125	13.1	158	106
													25.50	27.00	A 5126	7.7	42	7
26.82	28.92		CON	qtz pebble congl, minor subarkosic wacke (f-mg), oxidized py cubed, locally <1%	1	str		1					27.00	28.50	A 5127	4.3	58	3
													28.50	30.00	A 5128	2.2	44	7
28.92	30.70		CON	subarkosic qtz pebble congl, oxidized	2	mod		tr	S1	30.0			30.00	31.50	A 5129	11.7	26	3
30.70	39.14	coar	ARKW	subarkosic wacke/congl. cg. clasts (<1cm) thick, fresh matrix, lower contact depositional (fining downward)				tr	S1	40.0	fra	27.0	31.50	33.00	A 5130	1.6	7	3
													33.00	34.50	A 5131	0.2	8	2
													34.50	36.00	A 5132	0.9	6	2
													36.00	37.50	A 5133	5.9	4	3
													37.50	39.50	A 5134	0.6	5	4
39.14	43.00		SHAL	Predominantly non calc blk shale, folded tightly, local bedded py, mod/wk oxidation of fractures and foliation surfaces					S0	60.0	S1	40.0	39.50	41.00	A 5135	0.4	30	14
													41.00	42.50	A 5136	0.8	39	35
													42.50	44.00	A 5137	0.2	31	29

Hudson Bay Expl. and Dev. Co. Ltd.

Diamond Drill Core Log Sheet

Project: Yukon Gold Core Size NQ
 Drill Contractor DJ Azimuth: 127.0
 Start Date: 9/7/99 Dip: -60.0
 Completion Date: 9/12/99 Depth: 201.30

Northing: 4225
 Easting: 4500

Hole: DDH 99-02
 Property: Hit
 Logged By: ALF
 Date: 9/14/99

Depth		Rock Codes		Rock Description Comments	Alteration				Structure				Assays					
From	To	Qual	Rock		% Fe	% Oxi	Sulph	%	Struc1	CA #1	Struc2	CA #2	From	To	Sample	Au	As	Pb
43.00	56.60		SHAL	blk shale to blk limestone (65% sh, 35%ls), local l. gre clay seams<3-4cm, py more abundant in ls intervals (locally >5%)					S0	65.0	S1	30.0	44.00	45.50	A 5138	0.2	18	13
													45.50	47.00	A 5139	0.4	41	61
													47.00	48.50	A 5140	0.2	16	30
													48.50	50.00	A 5141	1.1	25	37
													50.00	51.50	A 5142	0.2	18	23
													51.50	53.00	A 5143	0.2	14	16
													53.00	54.50	A 5144	0.4	44	18
													54.50	56.00	A 5145	6.4	7	7
													56.00	57.50	A 5146	0.6	14	14
56.60	65.60		SHAL	black shale with lt/md green siltstone or calc siltstone bands	2			tr	S0	60.0			57.50	59.00	A 5147	0.4	27	24
													59.00	60.50	A 5148	0.5	11	22
													60.50	62.00	A 5149	0.2	2	19
													62.00	63.50	A 5150	1.5	2	19
													63.50	65.00	A 5151	0.4	29	12
													65.00	66.50	A 5152	0.6	45	49
65.60	71.76		LIST	algal mat black limestone					S1	30.0			66.50	68.00	A 5153	0.2	29	54
													68.00	69.50	A 5154	0.2	11	36
													69.50	71.00	A 5155	0.2	22	44
													71.00	72.50	A 5156	0.2	6	12

Hudson Bay Expl. and Dev. Co. Ltd.

Diamond Drill Core Log Sheet

Project: Yukon Gold Core Size: NQ
 Drill Contractor: DJ Azimuth: 127.0
 Start Date: 9/7/99 Dip: -60.0
 Completion Date: 9/12/99 Depth: 201.30

Northing: 4225

Easting: 4500

Hole: DDH 99-02

Property: Hit

Logged By: ALF

Date: 9/14/99

Depth		Rock Codes		Rock Description Comments	Alteration				Structure				Assays					
From	To	Qual	Rock		% Fe	% Oxi	Sulph	%	Struc1	CA #1	Struc2	CA #2	From	To	Sample	Au	As	Pb
71.76	108.7		SHAL	black shale, locally calc., algal mat intervals, local soft sed defm., py blobs (<1cm) in more silty soft sed defm. bands, py also diss <1% in ls intervals				<1	S0	35.0	S1	45.0	72.50	74.00	A 5157	0.2	30	20
													74.00	75.50	A 5158	0.6	39	24
													75.50	77.00	A 5159	0.8	31	25
													77.00	78.50	A 5160	0.5	10	21
													78.50	80.00	A 5161	1.0	11	29
													80.00	81.50	A 5162	1.1	8	14
													81.50	83.00	A 5163	5.7	7	8
													83.00	84.50	A 5164	0.2	7	10
													84.50	86.00	A 5165	0.7	19	28
													86.00	87.50	A 5166	1.0	29	25
													87.50	89.00	A 5167	0.7	37	32
													89.00	90.50	A 5168	0.7	33	32
													90.50	92.00	A 5169	1.3	31	31
													92.00	93.50	A 5170	0.9	27	32
													93.50	95.00	A 5171	0.9	67	56
													95.00	96.50	A 5172	0.2	17	15
													96.50	98.00	A 5173	0.3	19	7
													98.00	99.50	A 5174	0.3	37	16
													99.50	101.00	A 5175	0.2	11	10
													101.00	102.50	A 5176	0.2	20	24
													102.50	104.00	A 5177	0.2	50	24
													104.00	105.50	A 5178	5.9	32	43
													105.50	107.00	A 5179	0.2	35	31
													107.00	108.50	A 5180	0.2	12	11
													108.50	110.00	A 5181	0.2	32	24

Hudson Bay Expl. and Dev. Co. Ltd.

Project: Yukon Gold Core Size NQ
 Drill Contractor DJ Azimuth: 127.0
 Start Date: 9/7/99 Dip: -60.0
 Completion Date: 9/12/99 Depth: 201.30

Diamond Drill Core Log Sheet

Northing: 4225
 Easting: 4500

Hole: DDH 99-02
 Property: Hit
 Logged By: ALF
 Date: 9/14/99

Depth		Rock Codes		Rock Description Comments	Alteration				Structure				Assays					
From	To	Qual	Rock		% Fe	% Oxi	Sulph	%	Struc1	CA #1	Struc2	CA #2	From	To	Sample	Au	As	Pb
108.7	122.0		LIST	blk ls (>60%) and blk shale (<40%), local sigmoidal qtz and qtz-cc veins				1	S0	40.0			110.00	111.50	A 5182	0.3	64	27
													111.50	113.00	A 5183	0.2	19	34
													113.00	114.50	A 5184	0.2	55	46
													114.50	116.00	A 5185	0.5	23	37
													116.00	117.50	A 5186	0.7	30	62
													117.50	119.00	A 5187	1.3	155	65
													119.00	120.50	A 5188	0.2	181	62
													120.50	122.00	A 5189	0.2	45	51
122.0	132.0		SHAL	blk shale (>80%) and blk ls(<20%), local stylolites parallel CA, local framboidal py.				tr	S0	60.0	S1	55.0	122.00	123.50	A 5190	0.8	31	32
													123.50	125.00	A 5191	1.5	29	18
													125.00	126.50	A 5192	0.2	28	13
													126.50	128.00	A 5193	0.2	9	12
													128.00	129.50	A 5194	0.5	11	11
													129.50	131.00	A 5195	2.7	37	24
													131.00	132.50	A 5196	0.6	26	18
132.0	144.8		SHAL	blk shale (>90%) and lst (<10%), qtz veins @60 have sharp contacts and are locally chloritized, v. fine grained diss py locally <1%				1	S0	70.0	S1	65.0	132.50	134.00	A 5197	4.8	19	23
													134.00	135.50	A 5198	0.9	9	19
													135.50	137.00	A 5199	2.2	31	60
													137.00	138.50	A 5200	0.6	20	61
													138.50	140.00	A 5201	1.1	24	53
													140.00	141.50	A 5202	0.9	16	20
													141.50	143.00	A 5203	1.0	21	31
													143.00	144.50	A 5204	0.8	39	37
													144.50	146.00	A 5205	0.5	51	19
144.8	149.0		SHAL	Non calc blk shale with abundant qtz-py beds/lenses <1cm, parallel to bedding with local evidence of soft sed defm. density of syngenetic qtz-py veins <30/m, interference tight fold patterns locally, calc mostly on veins (syngenetic)				<3	S0	60.0	Fault	65.0	146.00	147.50				
													147.50	149.00	A 5207	1.9	49	41

Hudson Bay Expl. and Dev. Co. Ltd.

Project: Yukon Gold Core Size NQ
 Drill Contractor DJ Azimuth: 127.0
 Start Date: 9/7/99 Dip: -60.0
 Completion Date: 9/12/99 Depth: 201.30

Diamond Drill Core Log Sheet

Northing: 4225
 Easting: 4500

Hole: DDH 99-02
 Property: Hit
 Logged By: ALF
 Date: 9/14/99

Depth		Rock Codes		Rock Description Comments	Alteration				Structure				Assays					
From	To	Qual	Rock		% Fe	% Oxi	Sulph	%	Struc1	CA #1	Struc2	CA #2	From	To	Sample	Au	As	Pb
186.2	201.3		SILT	md-dk green siltstone/shale, locally folded, competent, local py nodules.					S0	55.0	S1	60.0	186.50	188.00	A 5233	1.2	37	20
													188.00	189.50	A 5234	0.2	13	30
													189.50	191.00	A 5235	0.2	35	34
													191.00	192.50	A 5236	0.2	4	23
													192.50	194.00	A 5237	1.0	27	51
													194.00	195.50	A 5238	0.6	2	40
													195.50	197.00	A 5239	0.6	18	14
													197.00	198.50	A 5240	0.2	7	17
													198.50	200.00	A 5241	0.4	6	33
													201.00	201.30				
201.3	201.3			End of Hole														

Hit Property

DDH99-03

Hudson Bay Expl. and Dev. Co. Ltd.

Hole: DDH 99-03

Project: Yukon Gold

Core Size: NQ

Northing: 4235

Drill Contractor: DJ

Azimuth: 125.0

Diamond Drill Core Log Sheet

Easting: 4000

Property: HIT

Start Date: 11/13/99

Dip: -65.0

Logged By: GSM

Completion Date: 11/16/99

Depth: 95.48

Date: 11/18/99

Depth		Rock Codes		Rock Description Comments	Alteration				Structure				Assays					
From	To	Qual	Rock		% Fe	% Oxi	Sulph	%	Struc1	CA #1	Struc2	CA #2	From	To	Sample	Au	As	Pb
0.00	4.64			Casing - Overburden composed of bull quartz rubble														
4.64	8.25		SHAL	shale/siltstone, non calc down to 5.6m and between 7.5-8.4m, calc 5.6-7.5 - minor qtz-cc veins/stockwork. lower contact probably fault related					S1	50.0			4.64	5.93	A 5262	18.1	1181	47
									S1				5.93	8.23	A 5263	19.0	346	28
													8.23	9.88	A 5264	11.6	64	3
8.25	14.02	fine	SAAR	minor wacke/shale. early veinlets 1-2mm cc with diss py, later x-cutting qtz-cc vein swarms containing larger blebs py up to 1cm, assoc Fe staining. local silicification around veins, Fe-alt up to 2cm from fracture sets into wr. @12.28m lenses pyrrhotite in 2cm calcite vein. Intervals of cg lithic wacke with qtz/lithic clasts (9.37-9.72 and 11.76-12.26)	0 2								9.88	11.37	A 5265	1.2	12	2
													11.37	12.85	A 5266	2.5	73	4
													12.85	13.99	A 5267	0.9	39	4
													13.99	15.30	A 5268	10.9	85	2
14.02	15.27	coar	WKE	subarkosic lithic wacke. x-cutting qtz-cc veins 0.5-1cm, some containing blebs py. 1-2mm py veinlets (tr). Upper contact lithological, lower fault related?				tr	S0	45.0								
15.27	17.07		SHAL	Non calc, foliated 25 to CA.		mod			S1	25.0			15.30	17.00	A 5269	5.5	239	13
													17.00	18.28	A 5270	6.3	68	11
17.07	19.84		QTZV	bull qtz vein, sericite/hematite altn. weath + iron carbonate. entrained shale clasts. @20m 2% py in vein. lower contact: minor 2mm py vn, qtz bleeding into arenite.				tr					18.28	19.82	A 5271	16.3	90	25
													19.82	21.25	A 5272	3.0	81	3
19.84	21.78		SAAR	minor interbeds of cg. wacke. upper contact 50, lower contact 90 to CA. x-cutting 1cm qtz veins. @ 21.54: 15cm qtz vein.				tr	S0	50.0			21.25	21.77	A 5273	3.7	137	2
													21.77	26.19	A 5274	7.1	194	14
21.78	29.29		SHAL	non calc. foliation open to tightly folded (so). S0 defined by interbedded slightly coarser bed 1-5mm. between 27-28m qtz veining 1)12cm qtz-dol vn altn chl-ank. 2)45 to CA qtz vn/stockwork 1-2cm chl-ank altn. Fault gouge with shale frags @ 26.2m									26.19	27.67	A 5275	0.9	25	26
													27.67	29.25	A 5276	0.6	12	17
													29.25	30.64	A 5277	3.7	42	12
29.29	29.85		SHAL	fault gouge contains frags shale + qtz.														
29.85	32.31		SHAL	qtz-cc veins parallel to foliation(density 10-60%). S0 folded locally.					S0	70.0			30.64	32.21	A 5278	2.4	50	18
													32.21	35.35	A 5279	38.0	82	33
32.31	36.46		MUD	mud to intensely fractures shale (ank altn), non calc.									35.35	37.06	A 5280	2.3	50	4

Hudson Bay Expl. and Dev. Co. Ltd.

Hole: DDH 99-03

Project: Yukon Gold

Core Size NQ

Northing: 4235

Property: HIT

Drill Contractor: DJ

Azimuth: 125.0

Diamond Drill Core Log Sheet

Easting: 4000

Logged By: GSM

Start Date: 11/13/99

Dip: -65.0

Date: 11/18/99

Completion Date: 11/16/99

Depth: 95.48

Depth		Rock Codes		Rock Description Comments	Alteration				Structure				Assays					
From	To	Qual	Rock		% Fe	% Oxi	Sulph	%	Struc1	CA #1	Struc2	CA #2	From	To	Sample	Au	As	Pb
36.46	41.45		SHAL	fault @ 41.45					S0	60.0			37.06	38.54	A 5281	6.2	65	13
													38.54	39.73	A 5282	1.5	45	18
													39.73	44.44	A 5283	6.4	64	20
41.45	42.33		SILT	calcareous foliated					S0	25.0			44.44	45.92	A 5284	0.7	35	32
42.33	44.78		MUD	fault gouge and fractured shale									45.92	47.40	A 5285	0.8	37	29
44.78	58.86		LIST	silty limestone interbedded with less calcareous to non calc. shale/siltstone. rare cc veining 3-7mm. limestones f.g. foliated. S0 defined by compositional changes (silty to algal beds). S0 folded openly to ptgymatically. evidence of soft sed defm on more competent silty beds. Fault gouge: 47.89-48.25 (shale frags), 53.4-53.92 (shale frags). wooden block screw-up . broken core @50 (drill pull) and 51.81. Possible archaeocyathid @ 53.4m. Lower contact defined by dissappearance of last algal bed (within predominantly slightly calc to non calc. shales with silty 1mm-1cm beds)				tr					47.40	48.88	A 5286	0.8	28	31
													48.88	50.37	A 5287	0.5	56	34
													50.37	51.81	A 5288	0.9	33	33
													51.81	53.29	A 5289	0.7	33	42
													53.29	53.92	A 5318	0.4	39	31
													53.92	55.35	A 5290	1.2	24	27
													55.35	56.83	A 5291	0.3	26	29
													56.83	57.82	A 5292	1.9	17	20
													57.82	58.86	A 5293	0.2	34	37

Hudson Bay Expl. and Dev. Co. Ltd.

Hole: DDH 99-03

Project: Yukon Gold
 Drill Contractor: DJ
 Start Date: 11/13/99
 Completion Date: 11/16/99

Core Size: NQ
 Azimuth: 125.0
 Dip: -65.0
 Depth: 95.48

Diamond Drill Core Log Sheet

Northing: 4235
 Easting: 4000

Property: HIT
 Logged By: GSM
 Date: 11/18/99

Depth		Rock Codes		Rock Description Comments	Alteration				Structure				Assays					
From	To	Qual	Rock		% Fe	% Oxi	Sulph	%	Struc1	CA #1	Struc2	CA #2	From	To	Sample	Au	As	Pb
58.86	95.48		SHAL	Non calcareous. so defined by comp. changes. so flattens with depth. Very generally: 0-25 degrees CA from 58.86-82.6 and 90-45 from 82.6 to EOH. Sf axial planar crenulation cleavage developed locally perp to bedding. Qtz-cc vns (with trace euhedral py 2mm) from 75.4 to 77.08m. There are 13 veins avg 7mm wide, ranging 2mm-1.2cm. brittle en echelon. Tr py in shales @ 77.38m. oxidation on fracture surfaces. Fault gouge: 1) @61.7m (5cm thick) dk black mud. 2) @64.58 (7cm thick) dk grey busted up rock and mud.					S0	0.0	S0	25.0	58.86	60.29	A 5294	0.4	8	3
									S0	90.0	S0	45.0	60.29	61.87	A 5295	0.2	8	4
													61.87	63.35	A 5296	1.8	85	34
													63.35	64.83	A 5297	0.3	26	11
													64.83	66.32	A 5298	5.9	35	18
													66.32	67.80	A 5299	0.3	20	12
													67.80	69.28	A 5300	0.3	19	13
													69.28	70.76	A 5301	0.3	16	9
													70.76	72.25	A 5302	0.5	19	9
													72.25	73.73	A 5303	0.7	58	13
													73.73	75.21	A 5304	0.3	41	5
													75.21	76.89	A 5305	0.2	23	15
													76.89	78.37	A 5306	0.2	32	11
													78.37	79.86	A 5307	0.2	14	4
													79.86	81.34				
													81.34	82.82	A 5308	0.5	69	14
													82.82	84.30	A 5309	0.5	43	12
													84.30	85.79	A 5310	0.2	63	24
													85.79	87.27	A 5311	0.2	65	13
													87.27	88.75	A 5312	7.2	54	28
													88.75	90.23	A 5313	0.2	42	20
													90.23	91.72	A 5314	0.8	25	18
													91.72	92.90	A 5315	0.2	7	19
													92.90	93.75	A 5316	0.3	8	15
													93.75	95.48	A 5319	0.2	22	20
95.48	95.48			End of Hole														

Hit Property

DDH99-04

Project: Yukon Gold	Core Size: NQ	Hudson Bay Expl. and Dev. Co. Ltd.	Northing: 3600	Hole: DDH 99-04
Drill Contactor: DJ	Azimuth: 125.0	<i>Diamond Drill Core Log Sheet</i>	Easting: 4400	Property: Hit
Start Date: 9/17/99	Dip: -70.0			Logged By: MDB
Completion Date: 9/21/99	Depth: 179.83			Date: 9/22/99

Depth		Rock Codes		Rock Description Comments	Alteration				Structure				Assays					
From	To	Qual	Rock		% Fe	% Oxi	Sulph	%	Struc 1	CA #1	Struc 2	CA #2	From (m)	To (m)	Sample	Au	As	Pb
0.00	3.05			Casing														
3.05	9.14	mdgrn	WKE	Broken core/mislatch. subarkosic wacke and qtz veins. feldspars <1mm subhedral and altered to clay. broken lower contact where mismatch occurred. Tr-1% py @9m.	1		Py	1										
9.14	9.80	mdgrn	ARKW	med-coarse grained. Feldspars altered to clay 2-5mm. py diss, cubic. Fe-oxides 10mm either side of the fracture. Lower contact gradational, upper broken	2	str		2	fra	15.0			9.14	10.64	A 5325	0.6	44	7
9.80	16.25	mdgrn	ARKW	sub arkosic wacke. feldspars altered to clay 1-3mm. some fractures filled with fg py. major veins@ 1) 10.9-11.1m Fe-stained. 2) 14.6-15.24m Fe-stained 3) 15.5-16 plygmatic	tr	str		1	S0	20.0	S1	50.0	10.64	12.14	A 5326	0.2	24	4
													12.14	13.64	A 5327	0.9	16	11
													13.64	15.14	A 5328	4.6	78	7
													15.14	16.64	A 5329	0.7	158	6
16.25	18.76	mdgrn	ARKW	arkosic-subarkosic wacke. med-coarse grained feldspars 2-7mm completely altered to clay. Fe on fractures.	fct	str							16.64	18.14	A 5330	0.4	37	5
													18.14	19.64	A 5331	1.7	31	10
18.76	20.94	fine	ARKW	subarkosic wacke, decrease matrix, sx along fractures and disseminated. grey-blk frag of shale with diss py. some py blebs along/in veins 3-10mm, Aspy+Galena isolated near veins and sericite.		str	Py	2%	fra	15.0			19.64	21.14	A 5332	6.0	173	44
20.94	23.23	mdgrn	ARKW	med-coarse grained, congl in places. feldspars 3-10mm, qtz clasts gra-blue sub rounded. 1% 3-5mm shale clasts. Fe-staining along fractures and in veins. lower contact qtz vein.		str	Py	2%	S1	40.0			21.14	22.64	A 5333	1.3	44	4
													22.64	24.14	A 5334	0.8	59	4
23.23	24.80	mdgrn	ARKW	subarkosic wacke. med-fine grained. Tr Fe-ox along veins. Whi-gra qtz veins. Fractures filled with fine dk gra sulphides.		str	Py						24.14	25.64	A 5335	2.4	17	3
24.80	25.20		SHAL	load structures, qtz veins with tr py.			Py	tr	S0	30.0								
25.20	26.52	mdgrn	ARKW	med-fine grained, white grey veins. diss py 1-tr sericite in matrix.		str	Py	tr					25.64	27.14	A 5336	1.2	11	4
26.52	27.43		CON	Gradational fining downwards. Grey qtz grains 5-7mm, creamy green feldspars no alteration. small blebs of py around feldspars. tr-1% sericite in matrix. lower contact in shale @ 40 to CA.			Py	1%					27.14	28.64	A 5337	3.4	15	5

Hudson Bay Expl. and Dev. Co. Ltd.

Diamond Drill Core Log Sheet

Project: Yukon Gold Core Size: NQ
 Drill Contactor: DJ Azimuth: 125.0
 Start Date: 9/17/99 Dip: -70.0
 Completion Date: 9/21/99 Depth: 179.83

Northing: 3600
 Easting: 4400

Hole: DDH 99-04
 Property: Hit
 Logged By: MDB
 Date: 9/22/99

Depth		Rock Codes		Rock Description Comments	Alteration				Structure				Assays					
From	To	Qual	Rock		% Fe	% Oxi	Sulph	%	Struc 1	CA #1	Struc 2	CA #2	From (m)	To (m)	Sample	Au	As	Pb
27.43	33.03	mdgm	SAAR	subarkosic wacke to arenite. med-fine grained. feldspars weakly altered, Fe-stained qtz veins 5-7cm wide. Py+Aspy? along vein edges, diss and in dk grey fracture fillings. Isolated dk grey qtz veins with Py/Aspy vestiges. Qtz vein @ 29.3-30m barren. Lower contact marked by qtz vein in bedded shales with 1mm thick py bands and load structures.		wk	Py		S0	50.0			28.64 30.14 31.64	30.14 31.64 33.14	A 5338 A 5339 A 5340	0.7 0.9 5.4	8 10 27	2 5 6
33.03	36.35	fine	WKE	arkosic wacke and conglomerate. Conglomerate grading into fg wacke. Congl has pure white feldspars altered to clay with 2-4mm clasts of shale. Whi qtz vein @ 33.94-34.5m. Fe-staining on fractures. Diss py 1-3%. some cubic py along vein margins. Lower contact vein.		str	Ga	tr	S0	80.0			33.14 34.64 36.14	34.64 36.14 37.64	A 5341 A 5342 A 5343	2.3 3.3 0.9	12 18 39	41 13 8
36.35	42.12		SHAL	black shale non calcareous. alternating bands of dk. grey/lt grey laminations. Lt grey intervals become coarser grained. No rxn to acid. Most veins <10mm thick, comprised completely of qtz. Minor py along fractures and vein boundaries. @40.1m is a 20mm whi qtz vein.									37.64 39.14 40.64	39.14 40.64 42.14	A 5344 A 5345 A 5346	2.2 1.8 1.7	52 54 48	17 17 41
42.12	42.30	fine	SS	dk grey wisps occurring compositionally are likely increased organic content. U/L contacts depositional.					S0	45.0			42.14	43.64	A 5347	2.2	47	26
42.30	45.44		SHAL	alternating bands of lt/dk shale/fine sandstone. Lt grey bands range in thickness from 10-40mm. Comprised of fine sandstone, and host pyrite as disseminations. U/L contact stratigraphic.					S0	38.0	S1	68.0	43.64 45.14	45.14 46.64	A 5348 A 5349	1.2 2.2	46 51	19 20
45.44	45.60		QTZV	Fe-staining along fractures. Blebs of py along fractures and wavy boundaries on UC + LC.					fra	50.0								
45.60	52.36	fine	SHAL	alternating bands of lt/dk shale/fine sandstone. 10-200mm comprised of fine sdstn and py ass disseminations. Upper contact stratigraphic, lower faulted.			Ga	tr	S0	42.0	S1	45.0	46.64 48.14 49.64 51.14	48.14 49.64 51.14 52.64	A 5350 A 5351 A 5352 A 5353	1.0 8.7 1.7 1.7	45 33 34 37	24 21 15 27

Project: Yukon Gold	Core Size: NQ	Hudson Bay Expl. and Dev. Co. Ltd.	Northing: 3600	Hole: DDH 99-04
Drill Contactor: DJ	Azimuth: 125.0	<i>Diamond Drill Core Log Sheet</i>	Easting: 4400	Property: Hit
Start Date: 9/17/99	Dip: -70.0			Logged By: MDB
Completion Date: 9/21/99	Depth: 179.83			Date: 9/22/99

Depth		Rock Codes		Rock Description Comments	Alteration				Structure				Assays					
From	To	Qual	Rock		% Fe	% Oxi	Sulph	%	Struc 1	CA #1	Struc 2	CA #2	From (m)	To (m)	Sample	Au	As	Pb
52.36	52.84		SHAL	Intraformational fault. Brecciated fault gouge of clay altered shale. Fragments range in size from <1 to 40mm. Py occurs in some of the more qtz rich clasts. Broken contacts.					Fault	13.0			52.64	54.14	A 5354	0.4	51	17
52.84	55.90		SHAL	Faulted shale. Alternating 20-50cm sections of competent and incompetent shale. Some brecciation and qtz veining. Py in veins.					S0	40.0			54.14	55.90	A 5355	2.1	50	35
55.90	60.94	coar	CON	60% subrounded qtz, 5-15mm clasts, 15% feldspars 2-5mm, sub-angular, completely altered to clay. 2% dk grey qtz clasts subangular, 20% fg ground up matrix. Py and Aspy occur as diss blebs and stringers. 1-2% sericite in matrix, qtz veins comprise 20% of subsection. Minor Fe-staining. Barren throughout except for boundaries. Minor shale. UC-strat. LC-gradational. Qtz veins 10-200mm.	tr	str						55.90	57.40	A 5356	6.9	27	24	
												57.40	58.90	A 5357	4.8	8	35	
												58.90	60.40	A 5358	4.0	13	22	
												60.40	61.90	A 5359	1.9	20	17	
60.94	78.70	mdgm	WKE	m-fg wacke. 55% subrounded-subangular 2-7mm qtz clasts. 20% subangular 1-8mm feldspars completely altered to clay. 20% fg. matrix of organics/crushed qtz/feldspar. Whi qtz veins occur in following locations: 1) Stockwork @ 61.25-62.12 (80cm), 62.8-62.95 (15cm), 65.35-65.7 (35cm) 2) Upper/lower contact sharp @ 65.78-65.82 (4cm), 65.98-66.03 (5cm), 66.15-66.25 (10cm),67.35-68.00 (65cm) 3)Ptygmatic @ 66.35-67.00 (65cm) 4)Vein with stringers of py @ 68.2-69 (80cm) 5) Barren @ 69.15-69.45 (30cm), 69.7-69.85 (15cm) 6)Numerous veins between 2-10mm @ 70.2-74.4 7) dk grey sulphide along lower contact @ 74.4-75 (50cm) and 8) White veins no orientation @ 76.55-77.3 (75cm), 77.5-77.8 (30cm)		str			fra	55.0		61.90	63.40	A 5360	2.3	12	12	
												63.40	64.90	A 5361	0.6	8	6	
												64.90	66.40	A 5362	1.0	11	23	
												66.40	67.90	A 5363	1.8	22	141	
												67.90	69.40	A 5364	3.1	88	25	
												69.40	70.90	A 5365	1.5	21	12	
												70.90	72.40	A 5366	3.9	42	21	
												72.40	73.90	A 5367	8.7	8	17	
												73.90	75.40	A 5368	1.3	15	28	
												75.40	76.90	A 5369	0.9	39	7	
												76.90	78.40	A 5370	3.7	25	25	
												78.40	79.90	A 5371	13.6	632	10	

Project: Yukon Gold	Core Size: NQ	Hudson Bay Expl. and Dev. Co. Ltd.	Northing: 3600	Hole: DDH 99-04
Drill Contactor: DJ	Azimuth: 125.0	<i>Diamond Drill Core Log Sheet</i>	Easting: 4400	Property: Hit
Start Date: 9/17/99	Dip: -70.0			Logged By: MDB
Completion Date: 9/21/99	Depth: 179.83			Date: 9/22/99

Depth		Rock Codes		Rock Description Comments	Alteration				Structure				Assays						
From	To	Qual	Rock		% Fe	% Oxi	Sulph	%	Struc 1	CA #1	Struc 2	CA #2	From (m)	To (m)	Sample	Au	As	Pb	
78.70	81.77	coar	CON	qtz clast 10-15mm subrounded 40%, matrix fg sericite, qtz, feldspar 20%, feldspars are subangular 2-8mm altered to clay. sericite 3%. Dk subangular qtz clasts with diss py, aspy?. sulphides diss and as stringers along fractures and boundaries of qtz, feldspar grains. Whl qtz veins @ 79.15-79.25 and 79.7-79.8m. Small hairline fractures in qtz veins. UC/LC marked by a vein, soft sed defm. Shale units @ 80.4-81.25m diss py in top of shales in bands/laminations. Plae orange Fe-clay filling fractures and replacing feldspars. Aspy @ 79.05m, stringer @ 78.5m, congl. @ 79.5m, alteration @ 79.6m	2		str	Asp	1%	fra	35.0			79.90	80.65	A 5372	12.1	794	22
									S0	55.0			80.65	82.15	A 5373	2.1	53	14	
81.77	84.12		SHAL	alternating light and dark grey shale/sst. lt grey sst 10-40mm (12% of section)					S0	55.0			82.15	83.65	A 5374	2.1	37	22	
													83.65	85.15	A 5375	0.9	32	31	
84.12	84.23		QTZV	aspy along boundaries of vein. minor calcareous section.															
84.23	86.88		SHAL	alternating dk/lt grey shale, calcareous. Qtz vein hosting clots and blebs of py 2-4mm wide. 10% lt grey bands to dk barren					S0	60.0	S1	70.0	85.15	86.65	A 5376	0.8	42	26	
													86.65	88.15	A 5377	0.4	36	44	
86.88	87.80		QTZV																
87.80	94.35		SHAL	Alt. lt/dk shales. 20% lt, 80% dk, 3% qtz veins <2mm. Py occurs as blebs in veins irregular wavy contact with shale.									88.15	89.65	A 5378	1.8	36	19	
													89.65	91.15	A 5379	0.9	32	29	
													91.15	92.65	A 5380	0.9	24	22	
													92.65	94.15	A 5381	0.2	23	19	
													94.15	95.65	A 5382	0.9	27	29	
94.35	94.50		SHAL	Intraformational fault. clasts 2-20mm angular shale, some qtz. UC strat, LC broken															
94.50	98.00		SHAL	<5% lt sst, py along vein as blebs.					S0	70.0	S1	82.0	95.65	97.15	A 5383	2.2	31	19	
													97.15	98.65	A 5384	2.7	38	20	
98.00	99.22		SHAL	Intraformational fault. Clay, qtz veins, some cc. Tr py in qtz veins.									98.65	100.15	A 5385	2.2	29	26	

Hudson Bay Expl. and Dev. Co. Ltd.

Project: Yukon Gold Core Size NQ
 Drill Contactor: DJ Azimuth: 125.0
 Start Date: 9/17/99 Dip: -70.0
 Completion Date: 9/21/99 Depth: 179.83

Diamond Drill Core Log Sheet

Northing: 3600
 Easting: 4400

Hole: DDH 99-04
 Property: Hit
 Logged By: MDB
 Date: 9/22/99

Depth		Rock Codes		Rock Description Comments	Alteration				Structure				Assays					
From	To	Qual	Rock		% Fe	% Oxi	Sulph	%	Struc 1	CA #1	Struc 2	CA #2	From (m)	To (m)	Sample	Au	As	Pb
99.22	109.3		SHAL	Intraformational fault. Calc section @ 105.4-105.95 and 108.85-108.95m. Fg sst py along thin calc laminations					S0	72.0			100.15	101.65	A 5386	1.2	23	23
													101.65	103.15	A 5387	1.1	26	49
													103.15	104.65	A 5388	1.4	16	16
													104.65	106.15	A 5389	0.8	22	16
109.3	111.2		SHAL	Fault and qtz veins. Shale, breccia frags, some qtz vein. Minor py in veins and along boundaries. UC strat, LC broken.									106.15	107.65	A 5390	0.3	21	27
													107.65	109.15	A 5391	0.8	16	25
													109.15	110.65	A 5392	0.7	17	17
111.2	130.9		SHAL	Fg sst @ 117.8-118.50 (calc) and 129.9-130.7					S1	80.0			110.65	112.15	A 5393	0.7	14	23
									S0	72.0			112.15	113.65	A 5394	1.9	12	40
													113.65	115.15	A 5395	9.2	156	13
													115.15	116.65	A 5396	0.4	12	28
													116.65	118.15	A 5397	0.3	12	28
													118.15	119.65	A 5398	4.7	12	29
													119.65	121.15	A 5399	0.4	10	18
													121.15	122.65	A 5400	1.6	13	23
													122.65	124.15	A 5401	0.4	20	33
													124.15	125.65	A 5402	0.2	13	21
													125.65	127.15	A 5403	0.2	11	20
130.9	131.6			fault. clasts angular 20-50mm. clay matrix and some cc along fractures. UC/LC broken									127.15	128.65	A 5404	0.2	12	24
													128.65	130.15	A 5405	0.2	11	27
131.6	137.2		SHAL	Py as diss and blebs along small veins and fractures.									130.15	131.65	A 5406	0.5	14	27
									S0	45.0	fra	25.0	131.65	133.15	A 5407	0.2	13	28
													133.15	134.65	A 5408	0.4	11	23
137.2	138.7			Fault. clasts angular ranging from 20-50mm. matrix fg shale and clay, some clasts. diss py %. Contacts broken.									134.65	136.15	A 5409	0.9	14	21

Hudson Bay Expl. and Dev. Co. Ltd.

Project: Yukon Gold Core Size NQ
 Drill Contactor: DJ Azimuth: 125.0
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Diamond Drill Core Log Sheet

Northing: 3600
 Easting: 4400

Hole: DDH 99-04
 Property: Hit
 Logged By: MDB
 Date: 9/22/99

Depth		Rock Codes		Rock Description Comments	Alteration				Structure				Assays						
From	To	Qual	Rock		% Fe	% Oxi	Sulph	%	Struc 1	CA #1	Struc 2	CA #2	From (m)	To (m)	Sample	Au	As	Pb	
138.7	139.9		SHAL	Fault									136.15	137.65	A 5410	0.3	13	24	
139.9	140.1													137.65	139.15	A 5411	2.1	13	29
140.1	142.2		SHAL											139.15	140.65	A 5412	0.2	12	22
142.2	143.0		SHAL	Fault, minor qtz vein on upper contact.									140.65	142.15	A 5413	0.2	10	22	
143.0	145.5													142.15	143.65	A 5414	0.2	13	21
145.5	146.6													143.65	145.15	A 5415	2.0	16	36
146.6	149.8		SHAL	fault with calc. lower contact. qtz-cc vein in UC, calc lt grey sst in LC.									145.15	146.65	A 5416	0.7	17	25	
149.8	150.1		SHAL	Calcareous fg sst.					S0	20.0			146.65	148.15	A 5417	0.5	8	24	
150.1	179.8		SHAL	minor qtz vein @ 153.7-153.95m. Intervals of calc fg sandstone interbeds include: 157-157.25(py), 157.6-158.45(py), 159.45-159.7diss py), 161.8-162.3(diss py), 165.9-166.25(with qtz vein in UC, diss py 3-4% in LC., 168.6-169.2, 169.4-169.65, 170.3-170.45, 175.1-175.55 (calc shale with py as diss, blebs 5-15mm stretch ovoids), 176.55-176.8 (irregular patchy calc section), 179.15-179.83 (irregular patchy calc section, py occurs along lt grey bands and coincides with calc sections. minor cc-qtz veins with py along margins 1-5mm.								148.15	149.65	A 5418	0.5	20	22		
														149.65	151.15	A 5419	7.9	12	28
										S0	35.0	S1	70.0	151.15	152.65	A 5420	0.7	12	30
										S0	50.0			152.65	154.15	A 5421	0.6	9	26
										S0	42.0			154.15	155.65	A 5422	0.4	9	23
										S0	55.0			155.65	157.15	A 5423	1.0	8	21
														157.15	158.65	A 5424	0.6	11	23
														158.65	160.15	A 5425	0.2	8	16
														160.15	161.65	A 5426	0.2	14	26
														161.65	163.15	A 5427	0.2	9	17
														163.15	164.65	A 5428	0.2	13	50
														164.65	166.15	A 5429	0.2	8	13
														166.15	167.65	A 5430	0.3	23	43
														167.65	169.15	A 5431	0.5	13	19
														169.15	170.65	A 5432	0.3	18	26
													170.65	172.15	A 5433	0.2	22	38	
													172.15	173.65	A 5434	0.5	18	37	

Appendix 5

AA
11

GEOCHEMICAL ANALYSIS CERTIFICATE

Hudson Bay Expl. & Dev. Co. Ltd. PROJECT 2316 File # 9903735 Page 1 (a)

405 - 470 Granville St., Vancouver BC V6C 1V5 Submitted by: M.BUCHANAN

AA
11

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm
A 5080	1.73	16.73	22.09	62.4	99	11.3	3.0	59	1.34	12.7	.7	2.4	6.7	6.2	.26	.92	.09	4	.04	.017	9.7	21.4	.01	26.6	<.001	1	.33	.008	10	8.4	.03	.7	.2	<.02	.8
A 5202	.22	72.08	19.55	125.5	49	59.4	24.6	117.5	5.00	16.2	1.4	.9	8.4	28.3	.07	.77	.60	19	.71	.032	22.2	37.9	1.35	47.7	.002	1	3.19	.062	25	<.2	.07	8	.4	.13	9.4
A 5241	.34	49.93	33.09	168.0	169	59.4	17.7	516	5.17	5.6	1.9	.4	12.0	24.9	.21	.78	.44	20	.26	.076	40.5	49.4	1.38	38.1	.002	1	3.25	.047	16	<.2	.05	9	.4	.07	10.1
A 5194	.20	28.08	10.59	50.6	28	23.0	9.7	1545	2.52	10.8	2.5	.5	3.1	285.4	.11	.32	.13	9	20.87	.105	9.4	15.0	.63	24.5	.001	1	1.35	.032	13	<.2	.03	<5	1.2	.10	4.0
A 5432	.42	47.69	26.10	104.9	96	48.7	23.1	1381	4.97	17.8	1.3	.3	7.8	105.1	.17	2.25	.55	15	5.13	.036	4.8	36.1	1.20	33.4	.002	1	2.41	.038	16	<.2	.05	5	.8	.10	7.5
A 5240	.32	54.59	17.14	139.4	58	58.7	21.0	590	5.22	6.6	1.8	<.2	11.6	26.4	.08	.35	.82	21	.21	.022	40.9	47.6	1.39	37.2	.002	1	3.38	.059	20	<.2	.05	<5	.3	.07	10.8
A 5077	2.03	8.88	21.60	22.9	76	7.6	1.1	46	.91	95.9	.8	10.9	6.5	2.9	.08	.56	.09	<2	.01	.010	9.5	16.0	.01	13.7	<.001	1	.19	.005	.06	5.6	.02	7	.1	<.02	.5
RE A 5077	2.18	9.99	23.43	23.4	65	8.1	1.2	52	.93	94.9	.8	10.2	6.9	3.1	.10	.61	.10	<2	.01	.010	8.9	17.6	.01	13.7	<.001	1	.19	.005	.07	5.8	.02	<5	.1	<.02	.5
ppc A 5077	2.00	8.82	21.03	22.6	57	7.5	1.1	47	.89	91.1	.8	10.2	6.4	2.8	.11	.56	.08	<2	.02	.010	8.3	19.1	.01	12.8	<.001	1	.18	.005	.06	5.7	<.02	8	<.1	<.02	.4
91	.32	64.66	18.21	131.7	37	58.8	25.0	873	5.23	29.0	1.3	1.5	7.5	25.7	.06	.68	.75	20	.48	.038	26.0	41.8	1.33	43.4	.002	1	3.36	.047	22	<.2	.05	7	.3	.14	9.4
A 5176	.78	55.04	24.47	107.6	32	48.3	16.5	742	4.09	19.8	1.5	.2	8.4	58.6	.07	1.19	.50	14	2.54	.021	14.4	33.3	1.19	38.0	.002	1	2.49	.050	.19	.3	.05	6	.4	.05	7.4
A 5078	3.19	8.61	9.95	17.3	65	7.8	1.0	67	.88	284.9	.6	25.5	4.7	6.3	.12	.75	.05	2	.02	.012	7.9	26.4	.01	17.2	<.001	1	.20	.008	.09	9.6	.02	14	.1	<.02	.5
A 5237	.36	63.26	51.06	140.8	105	61.4	29.0	630	5.43	27.0	1.8	1.0	11.6	26.7	.09	.40	1.08	20	.26	.023	30.2	50.1	1.42	32.7	.002	1	3.35	.050	.17	<.2	.04	<5	.4	.10	11.0
A 5430	.72	57.88	42.87	119.0	117	54.9	29.4	1306	5.19	23.2	1.5	.3	9.1	80.9	.14	1.33	.65	18	2.88	.029	9.5	42.4	1.37	46.3	.002	1	2.88	.048	.21	.4	.06	<5	.8	.12	8.8
A 5200	.25	77.87	61.08	121.6	96	55.4	22.8	1962	4.90	19.9	1.1	.6	7.2	38.1	.16	.78	.94	17	1.91	.030	18.1	28.9	1.47	37.4	.002	1	2.74	.043	.20	<.2	.05	12	.5	.16	8.2
A 5076	3.31	9.83	22.22	20.2	64	9.4	1.4	57	.98	30.3	.6	11.0	6.5	4.2	.04	.39	.05	<2	.01	.011	8.8	27.8	.02	16.6	<.001	1	.23	.006	.07	9.6	.02	<5	.1	<.02	.5
A 5394	.47	60.42	39.58	126.4	103	53.4	22.9	880	5.18	12.1	1.3	1.9	9.7	51.9	.11	.86	.59	21	.90	.066	15.1	46.6	1.32	38.2	.002	1	3.00	.038	.17	<.2	.05	<5	.4	.09	9.3
A 5075	2.88	9.89	10.13	19.5	44	7.4	1.2	52	1.26	20.9	.5	3.1	5.0	5.0	.14	.52	.05	<2	.01	.009	7.2	23.5	.02	14.4	<.001	1	.16	.005	.06	8.1	<.02	<5	.2	<.02	.4
RE A 5075	2.73	9.48	10.15	19.6	44	7.1	1.2	52	1.26	19.7	.5	3.0	5.1	5.1	.14	.49	.05	<2	.01	.009	7.4	21.3	.02	14.7	<.001	1	.17	.004	.06	8.0	<.02	<5	.1	<.02	.4
RRE A 5075	2.85	9.62	10.82	19.8	46	7.4	1.2	55	1.25	20.2	.6	3.5	5.4	5.1	.13	.51	.05	<2	.01	.008	6.9	21.8	.02	14.2	<.001	<1	.17	.004	.06	8.7	<.02	<5	.1	<.02	.4
A 5201	1.65	67.31	52.71	106.5	75	49.9	28.9	2351	5.26	23.5	1.7	1.1	6.2	38.7	.07	1.04	.90	15	2.19	.050	6.1	31.7	1.46	36.5	.001	1	2.56	.044	.19	<.2	.09	16	.8	.17	7.8
A 5172	.44	58.70	15.28	114.1	38	50.2	20.3	1248	4.61	17.0	1.5	.2	7.4	63.7	.05	1.18	.63	17	3.07	.028	9.3	35.3	1.32	39.1	.001	<1	2.81	.048	.19	<.2	.05	6	.8	.10	8.3
A 5116	2.87	9.41	3.23	31.2	28	17.9	6.0	344	1.95	14.9	.4	3.0	6.0	10.5	.01	.30	.02	13	.27	.008	8.0	39.1	.39	8.8	.001	<1	.80	.021	.04	7.4	<.02	<5	.2	<.02	3.2
A 5046	2.19	28.99	18.27	94.8	532	22.4	9.8	569	1.93	212.9	.8	35.6	7.5	17.5	.44	1.41	.11	4	.03	.016	15.4	17.7	.03	36.9	<.001	1	.38	.010	.18	7.9	.04	11	.2	<.02	1.1
A 5199	1.00	53.60	59.69	105.9	80	47.1	24.3	1848	4.45	30.6	1.6	2.2	6.7	47.8	.10	.89	.60	14	2.42	.078	7.6	31.1	1.30	42.6	.002	<1	2.37	.048	.22	.3	.06	8	.7	.17	6.9
A 5239	.35	49.87	14.41	138.5	52	60.0	25.0	619	5.45	17.5	1.6	.6	10.0	25.0	.07	.55	.85	19	.26	.027	26.9	44.4	1.42	29.6	.002	<1	3.29	.047	.16	<.2	.05	6	.4	.14	10.5
A 5427	.35	56.08	17.32	121.6	58	50.5	19.0	890	5.09	9.2	1.3	<.2	9.2	48.9	.07	.29	.54	20	1.48	.044	15.1	45.7	1.39	72.2	.002	<1	3.07	.049	.19	<.2	.07	<5	.6	.14	9.4
'98	.98	51.82	19.41	100.9	48	45.0	19.5	2549	4.70	8.7	2.0	.9	5.8	123.3	.09	.38	.28	13	6.38	.079	8.0	27.1	1.55	42.6	.002	<1	2.23	.042	.18	.5	.04	6	1.1	.09	7.2
593	.59	55.94	22.74	117.4	74	52.9	22.8	871	5.34	13.6	1.5	.7	9.6	53.5	.07	1.20	.45	21	.88	.055	11.4	43.3	1.33	42.5	.002	1	2.96	.039	.19	.6	.05	<5	.4	.07	9.3
A 5238	.29	67.65	39.75	127.5	98	53.5	16.4	493	4.80	1.8	1.7	.6	13.0	28.3	.10	.05	.30	20	.17	.027	53.2	45.6	1.30	38.4	.002	<1	3.24	.063	.21	<.2	.05	<5	.4	.02	10.1
A 5431	.36	51.40	18.65	109.0	65	43.7	15.7	1248	4.36	12.7	1.3	.5	7.3	109.9	.16	.52	.50	16	5.28	.080	6.8	37.1	1.17	35.7	.002	1	2.59	.039	.17	<.2	.05	<5	1.1	.09	7.9
A 5190	.45	64.02	31.92	135.5	369	61.1	26.7	680	5.39	31.1	1.1	.8	7.3	20.0	.04	.32	1.22	21	.27	.046	23.2	42.5	1.36	35.8	.002	1	3.39	.044	.18	.6	.04	5	.4	.14	10.1
A 5396	.38	56.55	27.68	115.9	85	51.1	23.0	869	5.05	12.0	1.4	.4	9.6	51.4	.08	.96	.55	19	.69	.054	14.8	42.4	1.27	45.3	.003	1	2.82	.048	.21	.2	.05	<5	.4	.09	8.5
A 5048	2.43	7.67	12.10	25.0	141	6.1	.7	34	.79	160.8	.3	24.2	6.0	7.3	.06	.65	.03	<2	.01	.007	10.0	19.9	.01	16.9	<.001	1	.18	.007	.08	7.5	.02	8	.2	<.02	.5
A 5114	.84	42.52	22.60	111.0	84	50.2	15.0	647	4.80	16.2	.9	1.8	9.9	11.0	.10	.56	.31	21	.35	.031	27.4	46.7	1.16	33.8	.002	1	2.82	.030	.20	.9	.04	<5	.4	.03	9.2
STANDARD DS2	14.76	133.29	31.14	171.1	267	38.7	13.7	860	3.28	60.8	22.0	200.0	3.7	30.8	11.49	10.99	11.61	84	.56	.091	16.5	177.5	.62	148.1	.118	2	1.84	.033	.17	7.8	1.95	268	2.6	1.87	6.7

GROUP 1F30 - 30.00 GM SAMPLE, 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML, ANALYSIS BY ICP/ES & MS.

UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.

- SAMPLE TYPE: CORE Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 1 1999 DATE REPORT MAILED: Oct 18/99 SIGNED BY: C. L. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data FA

GEOCHEMICAL ANALYSIS CERTIFICATE

Hudson Bay Expl. & Dev. Co. Ltd. PROJECT 2316 File # 9903735

Page 1 (b)

405 - 470 Granville St., Vancouver BC V6C 1V5 Submitted by: M. BUCHANAN

SAMPLE#	Cs ppm	Ge ppm	Nb ppm	Rb ppm	Sc ppm	Sn ppm	S %	Zr ppm	Y ppm	Ce ppm	In ppm	Re ppb	Li ppm
A 5080	.49	<.1	<.02	4.2	.5	.3	.05	5.5	1.25	18.3	<.02	<1	1.0
A 5202	2.55	<.1	.07	11.7	2.9	.3	.17	8.8	3.47	35.0	.03	<1	81.9
A 5241	2.99	<.1	.06	8.5	2.3	.3	.04	8.6	4.44	59.0	.03	<1	93.7
A 5194	1.27	<.1	.10	6.6	2.8	.3	.05	5.5	13.79	20.0	.03	1	39.2
A 5432	2.32	<.1	.09	8.6	2.8	.3	1.13	8.1	4.89	8.2	.03	<1	70.6
A 5240	2.67	<.1	.07	9.9	2.6	.3	.08	7.8	3.51	60.7	.03	<1	102.0
A 5077	.33	<.1	<.02	2.7	.4	.2	.01	4.0	.78	16.7	<.02	<1	.7
RE A 5077	.37	<.1	<.02	2.9	.4	.2	.02	4.3	.83	18.1	<.02	<1	.7
RRE A 5077	.33	<.1	<.02	2.5	.4	.2	.02	3.9	.73	14.5	<.02	<1	.7
A 5191	2.47	<.1	.09	8.6	2.5	.3	.07	8.2	3.60	38.0	.03	<1	91.5
A 5176	2.42	<.1	.07	8.8	2.6	.3	.16	9.0	4.14	23.8	.03	<1	77.3
A 5078	.34	<.1	<.02	3.9	.6	.3	.02	4.0	.87	14.3	<.02	<1	.8
A 5237	2.83	<.1	.09	8.8	2.8	.3	.23	7.8	3.36	45.5	.04	<1	98.6
A 5430	2.23	<.1	.04	10.8	2.9	.3	.77	8.0	4.15	15.5	.04	<1	81.0
A 5200	2.36	<.1	.10	8.9	2.9	.2	.15	7.9	3.44	28.9	.04	<1	79.3
A 5076	.42	<.1	<.02	3.3	.4	.3	.02	2.9	.74	15.7	<.02	<1	1.3
A 5394	1.88	<.1	.08	9.6	2.3	.3	.15	7.7	4.33	25.8	.03	<1	88.0
A 5075	.47	<.1	<.02	2.7	.3	.2	.02	2.9	.66	13.0	<.02	<1	1.2
RE A 5075	.47	<.1	<.02	2.7	.3	.3	.03	2.8	.65	13.8	<.02	<1	1.3
RRE A 5075	.49	<.1	<.02	2.7	.3	.2	.03	2.8	.66	14.0	<.02	<1	1.1
A 5201	2.29	<.1	.07	9.2	2.7	.3	.76	8.9	4.08	10.1	.03	<1	71.8
A 5172	2.10	<.1	.07	9.1	2.8	.3	.21	5.8	4.06	15.6	.03	<1	84.6
A 5116	.30	<.1	.02	2.0	1.1	.2	.06	3.6	1.14	14.3	<.02	<1	26.7
A 5046	1.34	<.1	<.02	7.9	1.3	.3	.01	8.1	2.50	28.2	.02	1	2.5
A 5199	2.31	<.1	.07	10.0	2.7	.3	.43	9.0	5.13	13.2	.04	<1	64.8
A 5239	2.56	<.1	.10	8.5	2.7	.3	.26	6.8	3.34	38.5	.03	<1	98.6
A 5427	2.02	<.1	.12	9.8	2.7	.2	.14	6.9	3.67	25.9	.03	<1	89.9
A 5198	1.87	<.1	.08	9.3	2.9	.3	.10	7.5	7.37	15.9	.03	<1	62.7
A 5393	1.68	<.1	.06	9.5	2.5	.3	.27	7.7	4.06	20.0	.03	<1	92.4
A 5238	2.71	<.1	.06	10.4	2.3	.3	<.01	6.5	3.81	83.6	.04	<1	94.5
A 5431	2.15	<.1	.06	9.1	2.9	.2	.26	6.1	5.69	12.7	.04	<1	76.8
A 5190	2.30	<.1	.13	8.0	2.3	.3	.05	7.2	3.66	35.8	.03	<1	101.2
A 5396	2.15	<.1	.12	10.9	2.7	.3	.18	7.2	3.87	25.4	.03	<1	87.7
A 5048	.63	<.1	<.02	3.8	.3	.2	<.01	3.4	.69	18.2	<.02	<1	1.2
A 5114	1.43	<.1	.10	9.5	2.1	.3	<.01	6.5	3.51	49.7	.03	<1	77.6
STANDARD DS2	2.99	<.1	2.10	16.3	3.1	25.1	.02	3.7	8.16	29.6	5.73	2	13.6

GROUP 1F30 - 30.00 GM SAMPLE LEACHED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 600 ML, ANALYSED BY ICP/ES & MS.

UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.

- SAMPLE TYPE: CORE Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 1 1999 DATE REPORT MAILED: Oct 19/99 SIGNED BY: C. L. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data 1 FA



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm
A 5196	.30	37.82	17.83	75.2	34	35.3	17.8	1401	3.26	26.1	1.3	.6	4.2	170.2	.06	.94	.44	9	10.96	.030	6.4	16.0	.95	24.6	.002	2	1.72	.029	.11	<.2	.03	10	1.2	.12	5.0
RE A 5196	.31	39.94	18.99	77.6	40	36.3	18.6	1448	3.36	26.7	1.3	.3	4.6	175.7	.08	.96	.46	10	11.30	.031	6.8	15.0	.97	25.4	.002	5	1.78	.029	.12	<.2	.04	10	1.1	.13	5.2
RRE A 5196	.33	39.28	19.57	77.0	38	36.2	18.2	1420	3.28	27.3	1.3	.3	4.6	173.4	.08	.97	.46	11	11.10	.030	6.4	21.4	.96	26.1	.002	1	1.77	.027	.12	<.2	.04	9	1.2	.14	5.2
A 5192	.39	27.00	13.11	56.3	30	26.2	11.7	1115	2.52	28.0	1.8	<.2	3.6	325.4	.08	.77	.22	8	17.86	.036	5.9	17.8	.67	79.6	.001	1	1.26	.033	.12	.3	.03	13	1.8	.13	3.8
A 5079	2.65	9.33	5.69	33.9	40	8.4	1.6	102	1.55	239.0	.5	10.7	6.9	4.0	.11	.73	.06	2	.03	.010	9.7	25.9	.01	17.5	<.001	2	.24	.004	.08	8.3	.02	17	<.1	<.02	.6
A 5193	.18	25.31	12.23	49.8	28	22.6	10.2	1419	2.39	9.2	1.5	<.2	3.7	268.6	.06	.44	.26	8	19.47	.054	7.8	16.1	.62	22.3	.002	1	1.23	.029	.11	<.2	.02	<5	2.0	.12	3.6
A 5117	3.22	5.74	4.28	24.7	38	16.9	5.2	444	1.56	21.3	.4	1.5	6.1	19.4	.02	.35	.07	9	.69	.008	7.8	34.9	.27	8.1	.001	1	.58	.025	.04	9.1	<.02	<5	.1	<.02	2.4
A 5047	3.08	7.61	13.77	67.8	162	7.4	.9	68	2.30	953.6	.3	182.0	3.3	28.7	.44	3.77	.06	2	.02	.014	4.8	20.7	.01	20.8	<.001	2	.18	.006	.09	9.1	.05	31	.2	.02	.7
A 5195	.24	35.60	23.84	60.5	42	29.2	18.4	1305	2.68	36.6	1.4	2.7	4.3	247.2	.11	1.64	.45	8	15.89	.023	6.3	21.4	.76	26.0	.001	1	1.38	.035	.13	<.2	.04	12	1.6	.16	4.1
A 5429	.25	51.56	13.04	128.9	55	53.0	15.6	615	5.00	7.5	1.1	<.2	9.2	50.4	.07	.52	.31	19	1.07	.077	19.7	42.7	1.35	60.8	.003	1	3.00	.047	.18	<.2	.06	<5	.3	.08	8.8
A 5091	.35	56.98	24.63	130.0	98	54.6	20.3	709	5.27	15.6	1.4	.8	10.2	31.2	.08	.73	.53	21	.58	.073	17.5	42.1	1.34	38.7	.003	2	3.09	.038	.17	<.2	.05	<5	.4	.08	8.6
A 5425	.47	49.43	16.46	123.0	68	49.3	19.1	1080	5.00	8.3	1.2	<.2	8.6	64.5	.09	.40	.44	20	1.84	.051	12.6	41.5	1.39	36.0	.003	1	2.87	.037	.16	.2	.04	5	.4	.08	8.6
A 5235	.40	56.96	34.40	135.8	75	60.7	27.1	444	5.26	35.3	1.5	<.2	10.2	30.2	.06	.44	.61	21	.14	.018	25.9	46.4	1.32	54.6	.002	1	3.19	.053	.20	.2	.08	8	.4	.09	9.1
A 5188	1.13	34.86	61.91	84.2	65	37.0	24.1	2559	4.06	180.7	1.5	<.2	5.5	168.2	.18	3.04	.42	12	10.55	.018	4.8	20.9	.99	38.7	.002	1	1.86	.042	.14	.4	.07	25	1.4	.10	6.0
A 5197	.32	55.62	22.71	91.7	43	43.4	22.2	1615	3.88	19.0	1.2	4.8	5.0	86.0	.06	.73	.46	12	5.69	.035	8.7	25.4	1.26	30.9	.002	2	2.01	.032	.16	<.2	.04	8	.8	.11	5.7
RE A 5197	.30	55.30	21.92	91.5	44	43.5	21.7	1603	3.84	18.5	1.2	1.5	5.1	85.4	.06	.67	.45	11	5.65	.034	8.9	20.1	1.25	30.8	.002	1	2.00	.032	.16	<.2	.04	10	.7	.10	5.6
RRE A 5197	.30	54.60	21.39	94.5	44	44.7	20.7	1650	3.97	18.2	1.2	.7	5.0	88.0	.06	.67	.44	13	5.79	.035	9.5	23.7	1.28	32.9	.002	2	2.09	.032	.17	<.2	.04	11	.7	.11	5.6
A 5236	.25	46.15	22.73	137.7	65	56.6	17.9	674	5.21	4.4	1.6	<.2	10.5	28.9	.06	.14	.45	21	.53	.103	35.7	41.0	1.40	31.6	.003	1	3.19	.048	.17	<.2	.04	<5	.5	.05	9.7
A 5074	3.31	8.50	7.13	14.0	36	7.7	.6	41	.83	76.1	.6	10.8	7.0	4.1	.03	.50	.06	<.2	<.01	.014	9.3	24.9	.01	15.2	<.001	1	.20	.004	.07	9.9	.02	<5	.1	<.02	.4
A 5072	2.49	8.85	12.76	31.6	23	10.3	2.7	143	1.12	59.8	.6	7.3	5.4	6.6	.05	.65	.07	2	.02	.021	9.4	18.8	.01	17.6	<.001	1	.22	.005	.07	7.4	.02	21	.1	<.02	.5
A 5426	.55	51.56	25.81	125.7	63	52.7	24.0	733	5.21	14.4	1.3	<.2	8.9	45.3	.06	.51	.46	21	.74	.074	17.3	42.4	1.38	54.0	.002	1	3.06	.046	.20	<.2	.05	<5	.5	.08	8.7
A 5234	.28	63.44	30.49	130.5	67	56.8	20.4	496	4.96	13.0	2.0	<.2	11.6	29.6	.06	.30	.45	21	.29	.046	30.6	43.2	1.28	34.3	.002	1	3.06	.050	.18	<.2	.07	5	.3	.10	9.1
A 5049	3.32	8.30	128.79	30.3	679	7.4	.8	49	1.20	336.7	.3	18.6	4.7	7.3	.14	1.34	.10	<.2	.01	.011	8.1	23.5	.01	17.0	<.001	1	.18	.004	.07	11.3	.02	24	.1	<.02	.5
A 5118	2.72	10.39	19.31	49.3	267	19.0	7.9	615	1.89	974.3	1.0	142.8	8.1	6.1	.33	2.73	.07	8	.06	.013	14.1	27.6	.25	15.7	.001	1	.59	.019	.07	7.9	.02	<5	.2	.03	2.4
A 5187	.99	33.83	65.26	116.7	60	45.0	28.3	2812	5.05	155.3	1.0	1.3	6.0	67.6	.17	2.40	.38	16	4.11	.076	7.6	25.9	1.53	36.0	.002	1	2.38	.046	.16	.7	.06	20	.8	.07	7.1
A 5424	.53	50.86	22.78	115.5	71	47.6	19.5	952	4.80	10.8	1.2	.6	8.7	54.5	.08	.41	.48	20	1.71	.057	16.7	40.5	1.29	40.9	.002	1	2.84	.045	.19	<.2	.05	<5	.4	.07	8.3
A 5073	2.79	6.48	6.16	15.9	38	6.7	.8	44	.75	452.4	.4	40.4	4.7	5.5	.12	1.01	.04	2	.01	.008	8.4	18.9	.01	13.0	<.001	1	.17	.003	.07	8.2	.02	17	.1	<.02	.5
A 5392	.58	40.02	16.66	112.1	74	51.9	19.6	825	5.11	16.6	1.4	.7	10.5	52.2	.05	1.21	.36	21	.82	.051	19.9	40.4	1.31	44.5	.002	1	2.78	.036	.18	.9	.04	<5	.3	.06	8.3
A 5079	1.10	35.27	51.44	84.3	74	36.4	22.1	2618	4.14	44.7	1.5	<.2	4.9	238.4	.17	2.47	.64	13	13.47	.022	5.7	28.7	.99	29.7	.001	1	1.98	.031	.12	.6	.05	14	1.3	.14	6.1
A 5079	2.63	8.08	18.84	22.0	73	10.7	2.0	145	.97	113.7	.7	21.8	8.0	6.4	.17	1.10	.08	<.2	.06	.010	10.6	23.0	.04	14.7	<.001	1	.21	.004	.07	7.6	.02	28	<.1	<.02	.5
A 5289	1.24	38.74	41.70	79.3	83	43.2	17.2	1335	4.08	32.7	.9	.7	7.0	235.1	.06	10.11	.46	6	7.92	.032	2.8	6.4	.93	32.8	.001	1	1.15	.013	.19	.3	.06	27	1.2	.09	3.0
A 5428	.23	63.84	49.63	137.2	101	57.0	17.4	427	5.17	12.5	1.3	<.2	10.6	32.3	.06	.39	.61	21	.28	.051	25.4	40.4	1.39	43.6	.002	1	3.19	.049	.20	<.2	.06	<5	.4	.05	9.4
A 5058	2.76	8.23	5.98	24.3	34	10.9	2.1	81	.87	138.8	.6	15.2	6.9	4.6	.19	.70	.04	<.2	.01	.008	7.9	21.5	.01	14.0	<.001	1	.18	.003	.07	7.8	.02	24	<.1	<.02	.4
A 5395	2.58	8.32	13.43	49.1	74	7.2	1.5	67	1.09	155.9	.3	9.2	3.9	9.8	.07	.58	.05	2	.01	.012	9.1	22.5	.01	23.2	<.001	1	.23	.005	.13	7.5	.03	18	<.1	<.02	.5
A 5044	.34	57.11	28.18	130.5	94	54.6	22.1	874	5.30	11.6	1.3	.3	9.7	48.7	.09	.86	.54	22	.73	.059	16.2	43.7	1.36	43.2	.002	1	2.99	.037	.19	<.2	.05	<5	.3	.10	8.5
A 5113	1.37	25.65	16.51	90.1	47	35.5	14.1	2130	4.56	4.5	.5	.3	7.0	27.5	.04	.27	.20	19	1.20	.019	15.1	37.9	1.20	21.0	.002	1	2.23	.024	.12	2.4	.03	<5	.3	.02	6.8
STANDARD DS2	14.32	133.21	29.96	166.8	267	37.5	14.1	843	3.23	59.8	22.6	210.7	3.8	30.8	11.84	10.73	11.40	83	.58	.093	16.8	166.2	.61	146.6	.123	3	1.82	.034	.17	7.9	1.96	268	2.7	1.85	6.4

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



SAMPLE#	Cs ppm	Ge ppm	Nb ppm	Rb ppm	Sc ppm	Sn ppm	S %	Zr ppm	Y ppm	Ce ppm	In ppm	Re ppb	Li ppm
A 5196	1.66	<.1	.07	5.2	2.7	.2	.17	6.6	6.28	12.8	.04	2	48.0
RE A 5196	1.73	<.1	.08	5.4	2.9	.3	.18	6.4	6.45	13.7	.04	2	49.6
RRE A 5196	1.73	<.1	.07	5.2	2.9	.3	.18	6.6	6.51	13.1	.04	<1	50.0
A 5192	1.42	<.1	.08	5.2	2.4	.3	.15	5.8	6.71	12.8	.03	2	35.2
A 5079	.37	<.1	<.02	2.9	.6	.3	.04	4.6	1.13	17.7	<.02	1	.8
A 5193	1.19	<.1	.09	5.0	2.6	.2	.06	5.2	8.54	16.7	.03	1	33.9
A 5117	.39	<.1	.02	1.8	1.1	.3	.03	3.6	1.57	17.2	<.02	<1	16.4
A 5047	1.37	<.1	.02	4.2	.4	.4	.03	6.3	1.19	10.1	<.02	<1	1.3
A 5195	1.46	<.1	.06	5.8	3.4	.3	.28	6.3	8.77	13.3	.04	<1	38.2
A 5429	2.35	<.1	.09	7.9	2.5	.3	.14	7.4	3.78	34.3	.03	2	83.6
A 5391	1.87	<.1	.12	7.6	2.2	.3	.11	8.0	3.64	30.6	.03	<1	89.0
A 5425	1.93	<.1	.07	7.3	2.7	.3	.17	8.1	3.69	22.7	.03	<1	80.2
A 5235	2.89	<.1	.07	7.8	2.4	.3	.36	7.1	2.76	37.1	.04	<1	88.7
A 5188	1.99	<.1	.09	6.5	3.5	.3	.94	6.7	6.14	9.8	.05	2	49.7
A 5197	1.91	<.1	.06	6.1	2.9	.2	.16	8.7	4.46	15.5	.04	<1	52.9
RE A 5197	1.89	<.1	.09	6.1	2.9	.3	.16	7.3	4.36	16.0	.04	2	53.2
RRE A 5197	1.83	<.1	.06	6.1	2.9	.2	.16	7.6	4.26	16.0	.04	<1	53.6
A 5236	2.46	<.1	.09	7.2	2.8	.3	.04	7.8	5.14	56.5	.03	<1	90.1
A 5074	.33	<.1	<.02	2.7	.4	.3	.01	3.7	.60	16.9	<.02	2	.7
A 5072	.37	<.1	<.02	3.0	.4	.3	.01	4.4	1.06	17.7	<.02	1	.8
A 5426	2.05	<.1	.07	8.7	2.5	.3	.27	7.5	3.64	30.0	.03	<1	81.5
A 5234	2.95	<.1	.12	7.8	2.3	.3	.15	7.9	3.44	47.2	.03	<1	86.0
A 5049	.40	<.1	.02	2.9	.3	.4	<.01	3.7	.81	16.2	<.02	<1	.7
A 5118	.78	<.1	.02	3.3	1.0	.3	<.01	4.6	2.45	32.3	.02	<1	14.2
A 5187	1.94	<.1	.06	7.1	2.9	.3	.54	7.0	4.89	14.7	.04	2	58.8
A 5424	1.93	<.1	.08	8.7	2.6	.3	.15	7.2	3.70	30.6	.03	2	77.5
A 5073	.36	<.1	<.02	3.0	.4	.3	.01	3.8	.62	15.8	<.02	<1	.6
A 5392	2.13	<.1	.10	8.5	2.2	.3	.12	7.6	3.74	34.2	.03	<1	76.2
A 5189	1.69	<.1	.09	5.4	3.8	.3	.56	5.8	8.10	12.1	.04	1	54.1
A 5059	.41	<.1	<.02	3.1	.4	.3	.04	4.4	.85	20.2	<.02	<1	1.3
A 5289	1.36	<.1	.04	8.3	2.7	.2	1.82	6.6	5.30	6.3	.03	2	28.1
A 5428	2.23	<.1	.09	8.6	2.3	.3	.11	7.9	3.29	43.4	.04	1	88.6
A 5058	.38	<.1	<.02	2.9	.3	.3	.02	4.1	.71	15.6	<.02	<1	.9
A 5395	.44	<.1	<.02	4.6	.6	.4	.02	4.0	.87	16.6	<.02	<1	1.0
A 5044	1.85	<.1	.07	8.0	2.6	.3	.19	7.9	3.37	27.6	.03	<1	85.2
A 5113	.79	<.1	.07	4.4	2.3	.2	<.01	6.7	2.60	29.1	.02	<1	60.4
STANDARD DS2	2.89	<.1	2.10	14.2	3.3	26.0	.03	3.9	7.96	31.9	6.02	2	14.3

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



ACME ANALYTICAL



ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm
A 5318	.81	34.65	31.25	66.4	68	40.9	28.5	1511	3.65	39.3	1.0	.4	6.4	315.0	.08	9.66	.47	7	11.31	.023	3.6	13.2	.65	41.5	.001	1	1.22	.013	.23	<.2	.05	22	1.3	.16	2.8
A 5057	2.71	9.64	14.08	30.2	63	8.4	1.1	61	1.19	139.9	.6	9.1	6.3	7.4	.14	.68	.06	<2	.01	.011	9.2	25.4	.02	17.2	<.001	1	.28	.005	.06	8.2	.02	26	.1	<.02	.4
A 5045	2.11	16.98	11.62	74.1	96	16.7	7.4	211	1.84	102.4	.5	9.5	5.0	9.8	.34	.69	.09	2	.02	.015	10.1	13.1	.02	24.6	<.001	1	.26	.007	.13	5.8	.03	13	.2	<.02	.6
A 5399	.34	49.06	17.52	123.3	57	51.5	19.7	1128	5.07	10.2	1.0	.4	8.1	41.9	.09	.41	.36	20	1.25	.043	11.7	40.3	1.41	36.3	.002	1	2.77	.036	.16	<.2	.04	<5	.3	.05	8.3
A 5054	5.37	48.42	13.85	66.6	85.4	14.3	3.7	575	3.08	551.3	1.1	54.9	18.2	47.2	.38	2.58	.20	5	.20	.051	12.6	21.7	.10	35.9	<.001	2	.36	.010	.15	15.3	.05	43	.2	.04	1.4
A 5043	1.91	22.78	13.77	202.5	109	17.9	6.5	321	2.04	175.9	.8	65.4	6.5	11.9	.54	.72	.08	2	.02	.015	8.3	14.9	.03	20.2	<.001	1	.22	.005	.10	5.7	.02	19	.2	.02	.6
RE A 5043	1.83	21.26	13.17	200.2	317	16.7	6.0	320	2.02	173.9	.8	64.4	6.2	11.5	.50	.69	.07	<2	.02	.015	7.9	17.0	.03	19.6	<.001	1	.21	.005	.10	5.4	.02	17	.2	<.02	.5
RRE A 5043	1.94	23.10	13.86	203.5	113	18.3	6.7	327	2.05	176.8	.8	65.6	6.6	11.4	.51	.72	.08	2	.02	.016	7.7	13.6	.03	19.6	<.001	1	.21	.005	.10	5.9	.02	18	.2	<.02	.5
A 5360	2.80	7.35	12.45	31.2	56	11.3	3.2	199	.85	12.1	.3	2.3	3.4	14.0	.06	.45	.09	2	.03	.010	5.9	24.8	.05	10.0	<.001	1	.18	.004	.06	8.7	<.02	<5	.1	<.02	.5
* 285	1.09	21.62	28.88	65.4	67	33.6	19.4	1909	3.37	36.5	.8	.8	3.8	473.8	.07	9.30	.26	8	19.76	.166	5.0	10.0	.50	30.4	.001	1	1.06	.008	.13	<.2	.05	13	1.7	.16	2.8
A 5171	1.44	53.55	55.70	80.6	139	59.0	49.7	1373	4.76	66.6	1.2	.9	6.4	110.8	.12	11.64	.94	13	5.38	.021	2.2	19.6	.86	43.3	.001	1	1.90	.041	.21	.3	.06	46	.9	.18	4.9
A 5115	.82	19.62	10.14	55.3	56	26.6	12.7	766	3.33	19.5	.6	2.7	7.5	35.0	.04	.52	.15	16	.82	.011	8.9	37.4	.85	16.4	.002	1	1.51	.016	.09	3.8	.03	<5	.2	.03	5.3
A 5397	.44	55.88	28.39	120.8	93	47.8	21.1	1556	5.01	12.3	1.1	.3	9.0	71.3	.12	.57	.47	21	1.89	.039	17.3	39.1	1.42	39.4	.002	1	2.66	.039	.18	.6	.04	5	.4	.07	8.2
A 5281	.74	50.75	12.70	95.1	90	44.1	16.7	1137	4.57	65.3	1.0	6.2	9.6	21.8	.07	3.23	.60	13	1.33	.055	35.2	16.9	.81	48.8	.001	2	1.91	.011	.24	.5	.05	<5	.4	.08	5.1
A 5361	1.74	5.95	6.05	29.9	51	7.2	2.5	262	.88	8.2	.4	.6	4.4	13.2	.08	.51	.06	2	.07	.009	7.0	17.2	.06	11.2	<.001	1	.19	.005	.05	9.8	<.02	8	.1	<.02	.5
A 5120	2.88	7.81	3.59	13.5	50	11.8	4.4	412	1.09	189.4	.5	16.7	4.2	12.0	.02	.82	.08	3	.29	.013	6.4	24.9	.10	8.1	<.001	1	.28	.018	.04	8.3	<.02	<5	.1	<.02	1.0
A 5398	.36	50.67	28.81	117.4	77	49.4	20.9	1414	5.13	12.1	1.1	4.7	9.4	57.5	.11	.78	.48	21	1.67	.053	13.0	35.9	1.44	37.7	.002	1	2.75	.040	.17	.2	.05	<5	.4	.08	8.3
A 5290	.73	24.39	26.72	48.9	55	25.6	11.8	1304	2.55	23.7	.8	1.2	5.1	480.8	.07	6.19	.28	3	18.84	.051	4.5	6.9	.50	23.6	.001	<1	.58	.009	.13	<.2	.04	17	1.7	.14	1.5
A 5119	3.09	9.57	6.80	26.3	58	15.5	5.5	439	1.52	664.8	.6	61.9	6.1	5.9	.09	1.93	.07	6	.06	.013	11.3	28.4	.14	10.0	.001	1	.40	.016	.05	9.3	<.02	<5	.1	<.02	1.4
A 5400	.64	55.33	23.12	122.3	64	52.5	22.3	783	5.04	13.1	1.5	1.6	10.3	40.1	.08	2.29	.44	20	.77	.068	13.6	40.4	1.34	42.4	.002	1	2.79	.041	.17	<.2	.04	<5	.4	.10	8.3
A 5111	1.22	45.57	12.79	216.3	68	52.7	21.1	1724	5.22	48.1	1.5	1.7	11.8	19.8	.13	.89	.42	16	.36	.059	26.2	36.2	.93	30.2	.002	1	2.14	.015	.15	1.8	.03	<5	.3	.07	6.2
RE A 5111	1.30	45.54	13.34	215.9	67	53.2	21.5	1718	5.19	50.4	1.6	1.6	12.0	19.9	.12	.91	.44	16	.36	.059	28.5	39.2	.92	31.5	.002	1	2.15	.016	.16	1.8	.03	<5	.3	.06	6.3
RRE A 5111	1.18	42.83	12.42	207.4	60	50.6	20.4	1654	4.99	46.4	1.5	1.4	12.1	19.2	.11	.86	.41	16	.34	.058	28.2	33.9	.89	30.8	.002	1	2.08	.015	.15	1.8	.03	<5	.3	.07	6.0
A 5056	3.39	15.69	11.63	41.1	42	13.9	2.9	187	1.44	124.5	.9	3.4	9.4	4.6	.24	.68	.07	<2	.01	.010	9.5	24.4	.02	16.6	<.001	1	.26	.005	.07	10.6	.02	28	.1	<.02	.6
A 5121	3.39	8.62	2.91	12.2	26	11.8	3.3	406	1.08	143.9	.5	13.4	4.9	17.2	.02	.55	.08	3	.50	.010	6.3	30.1	.13	8.6	<.001	1	.26	.020	.04	10.8	.03	<5	.2	.06	1.0
A 5053	2.69	14.34	8.68	51.1	418	8.7	2.3	59	2.07	351.7	.5	22.7	9.5	12.7	.16	1.17	.13	2	.01	.023	12.2	20.8	.01	26.7	<.001	1	.22	.006	.12	8.4	.03	31	.1	.02	.7
A 5170	1.28	39.90	31.69	94.4	65	38.9	16.5	1621	3.98	26.5	1.3	.9	6.9	125.9	.11	4.35	.37	12	5.19	.026	4.9	23.9	1.04	31.0	.001	1	1.82	.039	.16	1.0	.05	24	.7	.07	5.4
A 5055	2.67	10.88	13.07	28.2	77	12.4	1.9	53	1.20	218.9	.4	25.4	6.5	7.7	.10	.91	.06	2	.01	.011	11.3	21.1	.01	20.0	<.001	1	.24	.005	.11	7.7	.02	48	.1	<.02	.6
73	1.21	56.90	13.56	122.3	112	53.3	24.3	748	3.94	52.8	2.0	2.1	14.7	28.9	.06	1.53	.50	14	.24	.047	12.5	21.8	.39	37.3	<.001	1	.48	.010	.18	3.4	.06	5	.3	.08	2.6
557	3.62	9.94	35.00	51.6	75	9.5	2.5	143	.95	7.6	.3	4.8	2.2	13.3	.34	.30	.14	<2	.05	.022	2.8	28.4	.05	5.4	<.001	1	.14	.002	.03	11.9	<.02	<5	.1	<.02	.3
A 5122	3.34	7.81	3.88	13.8	28	13.0	4.7	317	1.10	29.5	.6	5.5	6.1	11.9	.01	.58	.10	4	.41	.013	7.3	27.3	.12	8.5	<.001	1	.29	.017	.04	9.4	<.02	<5	.1	<.02	1.2
A 5282	.33	47.60	18.29	92.0	59	42.6	17.0	1316	4.25	45.1	.8	1.5	8.1	27.9	.05	1.24	.56	12	1.54	.026	24.4	21.4	1.03	37.0	.002	2	2.06	.011	.21	.3	.04	<5	.4	.09	5.3
A 5051	3.47	5.97	7.36	20.7	96	8.4	1.3	54	.71	79.9	.4	10.5	4.7	6.1	.02	.39	.07	<2	.01	.007	9.3	22.8	.01	14.6	<.001	1	.20	.004	.07	11.3	.02	17	.1	<.02	.4
A 5112	.86	38.33	34.20	112.1	67	46.5	19.3	1188	4.90	5.1	.7	.7	8.4	17.9	.09	.39	.30	22	.43	.021	18.1	45.5	1.28	23.2	.002	1	2.65	.029	.13	2.2	.03	<5	.2	.03	7.9
A 5287	.88	27.04	34.04	60.8	64	27.2	13.4	1922	3.51	55.9	.9	.5	6.2	344.6	.08	8.45	.32	5	13.01	.064	3.7	11.2	.70	37.9	.001	1	.88	.011	.15	.2	.05	20	1.4	.11	2.4
A 5050	2.98	9.10	13.25	33.8	412	8.0	1.2	54	1.08	295.5	.5	86.5	6.8	8.5	.14	.75	.06	<2	.02	.010	7.9	20.8	.01	14.2	<.001	1	.19	.004	.06	12.1	.02	22	.1	.02	.4
STANDARD DS2	14.68	132.06	31.02	169.0	260	37.6	13.4	838	3.26	58.7	21.7	201.4	3.7	30.7	11.84	10.84	11.21	83	.56	.092	16.5	175.8	.62	147.2	.118	2	1.81	.034	.17	8.0	1.93	266	2.7	1.94	6.4

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



ACME ANALYTICAL



ACME ANALYTICAL

SAMPLE#	Cs ppm	Ge ppm	Nb ppm	Rb ppm	Sc ppm	Sn ppm	S %	Zr ppm	Y ppm	Ce ppm	In ppm	Re ppb	Li ppm
A 5318	1.26	<.1	.06	7.2	3.0	.2	1.09	5.2	6.60	8.4	.03	3	28.2
A 5057	.58	<.1	.02	2.6	.3	.3	.02	3.0	.75	18.8	<.02	<1	1.5
A 5045	.77	<.1	.03	4.6	.9	.3	.02	6.2	1.46	19.1	<.02	<1	1.8
A 5399	1.59	<.1	.09	6.9	2.6	.2	.16	6.5	2.75	20.3	.03	<1	89.2
A 5054	3.51	<.1	.04	6.9	.9	.6	.04	9.1	1.62	27.4	.02	1	3.9
A 5043	.72	<.1	.02	4.4	1.1	.2	.04	8.6	2.03	18.5	.02	<1	2.1
RE A 5043	.68	<.1	.02	4.0	1.1	.2	.04	8.4	1.95	17.5	<.02	<1	1.9
RRE A 5043	.72	<.1	.02	4.4	1.2	.2	.04	9.1	2.06	18.1	.02	<1	1.9
A 5360	.38	<.1	.02	2.3	.5	.3	.04	3.1	.75	12.9	<.02	<1	.9
A 5285	.75	<.1	.10	4.7	2.9	.1	.28	3.0	12.23	12.4	.03	4	29.3
A 5171	2.14	<.1	.08	6.2	2.4	.3	2.59	9.4	4.39	4.7	.03	3	51.5
A 5115	.75	<.1	.03	3.8	1.7	.2	.08	5.6	2.20	18.3	.02	<1	43.0
A 5397	1.89	<.1	.16	8.1	2.9	.3	.13	6.3	3.56	30.2	.03	<1	85.7
A 5281	1.25	<.1	.06	9.6	2.5	.3	<.01	7.0	4.53	60.1	.03	1	46.9
A 5361	.27	<.1	.02	2.1	.5	.2	.04	3.5	.84	14.4	<.02	<1	1.5
A 5120	.29	<.1	.03	1.6	.5	.3	.08	3.3	1.27	11.7	<.02	<1	6.5
A 5398	1.66	<.1	.13	7.5	2.7	.3	.20	7.0	3.53	22.6	.03	1	85.2
A 5290	1.01	<.1	.05	5.6	3.0	.2	1.04	6.0	10.21	11.1	.03	2	13.1
A 5119	.47	<.1	<.02	2.2	.7	.3	.01	3.9	1.65	24.5	<.02	<1	10.0
A 5400	2.18	<.1	.08	8.1	2.4	.3	.30	9.7	3.76	24.4	.03	<1	90.1
A 5111	1.81	<.1	.07	5.7	2.0	.3	<.01	12.3	4.14	45.7	.02	<1	54.6
RE A 5111	1.90	<.1	.11	6.2	2.2	.3	<.01	12.8	4.45	50.9	.02	1	54.6
RRE A 5111	1.84	<.1	.06	5.8	2.0	.3	<.01	11.8	4.12	48.4	.02	<1	52.1
A 5056	.57	<.1	<.02	2.8	.4	.3	<.01	4.6	.93	19.2	<.02	<1	1.6
A 5121	.30	<.1	.04	1.6	.6	.2	.10	3.2	1.33	13.0	<.02	<1	5.8
A 5053	.70	<.1	.03	4.2	.5	.3	.02	4.5	.96	23.3	<.02	<1	1.3
A 5170	2.55	<.1	.05	7.1	2.1	.3	1.33	9.7	5.01	9.4	.03	2	55.0
A 5055	.65	<.1	<.02	3.9	.4	.3	.01	4.3	.77	21.9	<.02	<1	.9
A 5373	1.57	<.1	.03	7.3	1.6	.4	.16	6.8	2.89	23.8	.02	2	5.2
A 5357	.15	<.1	.02	1.3	.3	.3	.15	2.4	.74	6.0	<.02	<1	.8
A 5122	.41	<.1	.02	2.0	.6	.3	.07	3.8	1.36	15.6	<.02	1	6.2
A 5282	1.23	<.1	.07	8.1	2.4	.2	.05	6.8	3.30	41.3	.03	1	52.0
A 5051	.45	<.1	<.02	3.1	.3	.3	<.01	4.8	.71	19.6	<.02	<1	.6
A 5112	1.24	<.1	.06	5.3	2.3	.2	.03	8.1	2.89	34.1	.02	<1	75.5
A 5287	1.11	<.1	.06	6.8	2.8	.2	.98	6.1	7.92	9.1	.03	2	21.4
A 5050	.44	<.1	<.02	2.9	.4	.3	.02	4.4	.79	17.0	<.02	1	.7
STANDARD DS2	2.98	<.1	2.27	14.4	3.5	25.6	.03	3.8	8.17	31.6	5.74	<1	13.8

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



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm
A 5169	.96	44.84	31.27	90.6	80	41.7	17.8	1563	4.29	31.0	1.4	1.3	6.6	141.1	.10	4.84	.65	10	6.34	.021	2.4	18.3	.83	26.8	.001	1	1.72	.036	.14	< 2	.04	27	.8	.09	4.8
A 5284	.91	22.98	31.59	68.1	66	34.1	24.1	1960	3.66	35.2	.8	.7	5.2	420.9	.05	9.90	.36	7	17.44	.048	5.9	13.1	.52	24.6	.001	1	1.12	.010	.13	< 2	.05	19	1.5	.14	2.9
A 5374	.48	52.42	22.48	183.1	85	49.5	21.3	806	4.95	37.1	1.6	2.1	12.7	24.2	.55	.85	.51	15	.51	.047	11.3	29.0	1.04	43.1	.001	2	1.81	.013	.21	.7	.05	7	.3	.08	5.1
A 5356	3.39	14.53	24.23	54.7	109	20.8	9.0	383	1.94	27.4	.8	6.9	5.6	25.5	.08	1.01	.25	4	.15	.065	5.0	18.7	.14	14.2	.001	1	.23	.005	.07	9.6	.02	< 5	.3	.04	.8
A 5283	.66	26.26	20.03	67.4	133	27.3	15.9	2146	3.54	63.8	.9	6.4	5.3	329.8	.08	5.06	.32	7	16.50	.040	8.0	13.5	.51	26.7	.001	1	1.17	.010	.15	.5	.04	13	1.0	.10	3.1
A 5052	2.64	8.84	7.56	32.3	166	7.3	1.3	73	1.16	282.6	.5	17.3	6.3	8.9	.17	.82	.11	< 2	.05	.013	8.2	23.2	.01	17.3	<.001	1	.19	.004	.06	8.7	.02	15	.1	<.02	.4
A 5173	.23	47.24	7.33	114.0	25	50.5	19.8	1265	4.81	19.4	1.3	.3	6.8	47.4	.04	.87	.62	16	1.93	.037	10.2	27.6	1.38	31.6	.002	2	2.73	.034	.16	< 2	.04	7	.3	.07	7.4
RE A 5173	.23	49.48	7.55	116.4	27	51.8	19.9	1294	4.86	19.6	1.3	<.2	6.1	47.8	.04	.92	.63	17	1.98	.037	8.0	28.3	1.40	30.0	.002	1	2.74	.032	.15	< 2	.03	8	.3	.09	7.5
RRE A 5173	.22	48.11	7.33	114.2	25	50.8	20.1	1277	4.84	19.4	1.3	<.2	6.6	47.8	.05	.89	.61	17	1.95	.038	8.6	30.4	1.39	31.4	.002	2	2.74	.035	.16	< 2	.04	10	.3	.07	7.5
A 5270	3.64	6.70	10.55	5.6	38	8.3	.9	209	.62	67.5	<.1	6.3	.9	5.6	.02	.33	.04	< 2	.22	.011	.9	31.7	<.01	2.1	<.001	1	.04	.011	.01	11.8	<.02	< 5	.1	<.02	.1
A 5155	1.06	29.66	43.76	59.1	64	29.7	14.0	903	2.89	21.9	.8	<.2	6.4	297.3	.06	4.32	.38	4	12.47	.014	2.4	12.8	.63	24.7	<.001	1	.80	.026	.14	.6	.04	50	1.1	.08	2.1
A 5288	.73	36.13	32.75	76.2	65	40.1	17.4	1354	4.44	32.8	1.0	.9	7.6	90.1	.05	8.29	.49	5	4.29	.018	2.3	8.9	1.01	31.8	.001	1	1.10	.013	.19	.3	.05	24	.6	.06	2.9
A 5359	3.57	6.70	16.81	32.2	41	12.6	2.6	319	1.14	20.3	.3	1.9	3.5	10.9	.06	.46	.07	2	.04	.014	4.4	28.9	.07	7.6	<.001	1	.14	.003	.04	11.3	<.02	< 5	.1	<.02	.4
A 5371	4.25	17.69	9.72	37.3	85	15.4	3.2	173	1.02	631.9	.5	13.6	3.5	8.7	.46	1.01	.49	< 2	.06	.026	2.9	30.8	.04	8.9	<.001	1	.16	.003	.08	13.9	.02	< 5	.2	<.02	.5
A 5286	.83	33.62	31.08	62.3	81	29.2	17.9	2225	3.51	28.2	.8	.8	4.8	455.6	.08	7.51	.30	5	18.98	.036	4.7	12.1	.54	24.4	.001	< 1	.90	.008	.13	< 2	.04	20	1.6	.13	2.4
A 5140	.63	24.24	29.78	47.5	56	22.3	11.8	1229	2.49	15.6	.7	<.2	5.8	420.9	.07	3.43	.30	4	17.66	.037	4.4	10.1	.49	21.0	<.001	< 1	.79	.014	.12	< 2	.03	26	1.2	.10	2.0
A 5268	3.63	10.62	1.97	18.6	26	16.6	4.0	1481	1.64	84.5	.4	10.9	6.1	47.8	.02	.54	.02	< 2	1.81	.011	4.5	27.7	.21	13.0	<.001	1	.32	.010	.07	10.5	.02	< 5	.2	<.02	.9
A 5150	.12	54.06	19.33	103.5	36	45.5	19.1	895	4.47	2.1	.8	1.5	8.4	24.4	.04	.10	.48	15	1.07	.021	21.3	29.5	1.19	44.2	.001	1	2.65	.032	.24	< 2	.04	< 5	.3	.04	6.9
A 5141	1.43	25.29	36.61	44.8	85	25.2	10.9	1505	2.56	25.1	.8	1.1	5.2	332.6	.06	4.68	.30	3	18.25	.037	4.4	8.7	.35	24.3	<.001	1	.67	.014	.13	< 2	.04	34	1.4	.09	1.8
A 5223	.53	51.13	15.41	122.7	58	53.6	26.3	493	5.09	16.8	2.1	.6	9.7	29.4	.05	.97	1.21	21	.45	.041	13.9	46.7	1.29	53.4	.002	1	3.14	.048	.18	< 2	.05	11	.3	.17	8.8
A 5186	1.06	41.26	62.31	115.1	75	39.9	23.2	2766	4.56	29.7	1.2	.7	5.2	139.1	.18	2.41	.54	14	8.42	.026	4.1	20.1	1.23	28.1	.002	< 1	2.18	.038	.14	< 2	.08	15	.7	.13	6.3
A 5269	1.37	51.26	12.60	58.5	92	37.9	16.7	457	2.81	239.3	1.2	5.5	13.1	21.7	.03	4.81	.47	3	.35	.032	15.2	11.7	.10	40.8	<.001	2	.60	.013	.30	1.4	.09	10	.3	.05	1.5
A 5183	.51	33.14	34.05	82.0	35	29.5	14.7	2492	3.55	18.8	1.3	.2	4.7	190.6	.16	1.28	.36	11	11.06	.051	5.1	15.6	.92	23.2	.002	1	1.77	.034	.12	< 2	.04	12	.7	.05	5.1
A 5266	2.91	9.89	3.72	23.5	34	17.2	5.4	1216	1.58	73.4	.4	2.5	5.3	42.9	.05	.61	.07	3	1.74	.010	6.3	24.0	.26	14.8	.001	1	.54	.009	.08	7.4	.02	5	.2	<.02	1.6
A 5167	1.13	50.61	32.05	87.6	69	45.9	27.1	1576	4.38	36.5	1.2	.7	6.5	85.7	.07	4.65	.56	11	3.63	.018	3.2	24.0	1.00	33.1	.001	1	1.80	.045	.18	< 2	.05	27	.6	.08	5.0
A 5181	.77	40.06	23.51	90.7	41	37.2	20.5	2574	3.94	31.7	1.8	<.2	4.6	172.2	.20	2.86	.46	10	10.60	.060	3.7	8.8	.97	22.1	.001	1	1.61	.031	.11	< 2	.04	20	.6	.09	4.6
RE A 5181	.76	39.52	23.43	89.9	45	37.4	21.2	2573	3.94	32.6	1.8	<.2	4.7	172.2	.20	3.00	.46	11	10.58	.063	3.8	10.2	.97	21.5	.001	1	1.58	.031	.11	< 2	.04	22	.7	.08	4.7
RRE A 5181	.79	41.63	24.41	90.0	46	37.9	21.7	2589	3.97	33.3	1.9	.2	4.9	173.4	.21	3.15	.48	10	10.67	.066	3.9	10.3	.97	21.0	.001	< 1	1.58	.030	.10	< 2	.04	20	.7	.11	4.8
54	1.34	20.02	36.36	39.3	73	16.7	6.8	1168	1.87	11.3	.5	<.2	3.0	433.1	.07	2.84	.18	3	18.53	.012	3.3	8.6	.34	19.9	<.001	< 1	.45	.018	.08	1.2	.02	27	1.2	.08	1.2
32	.42	47.52	24.36	126.9	66	53.4	24.1	1176	5.07	18.9	1.8	<.2	9.0	39.7	.14	.85	.67	21	.96	.096	15.1	42.5	1.35	36.5	.002	1	2.99	.051	.20	.4	.05	13	.4	.10	8.6
A 5184	.50	30.68	45.94	101.8	42	37.6	15.7	2430	4.12	54.9	1.4	<.2	5.4	137.3	.21	1.19	.37	15	8.55	.022	5.3	21.2	1.09	31.9	.002	1	2.21	.051	.18	< 2	.05	11	.5	.07	6.3
A 5149	.08	46.69	18.56	98.7	37	47.1	18.8	501	4.27	1.7	.7	<.2	9.6	15.8	.04	.08	.41	16	.48	.030	27.4	31.2	1.12	42.1	.002	1	2.60	.031	.22	< 2	.04	< 5	.2	.04	6.7
A 5267	2.38	6.60	3.80	24.2	41	11.3	3.7	1045	1.53	38.7	.3	.9	4.8	33.8	.06	.48	.05	5	1.34	.014	6.3	24.5	.31	14.3	.001	1	.51	.013	.07	10.3	.02	< 5	.2	<.02	1.7
A 5168	.86	48.40	32.22	94.3	81	48.2	23.9	1771	4.54	33.3	1.2	.7	6.0	135.6	.11	5.54	.67	12	5.71	.025	3.4	15.8	1.04	32.8	.001	1	1.93	.046	.18	< 2	.05	33	.7	.12	5.5
A 5137	.81	51.16	28.56	104.2	79	50.9	22.2	631	4.55	31.0	1.4	<.2	9.2	34.0	.07	3.94	.70	11	1.02	.033	4.4	22.3	1.06	37.9	.001	1	1.84	.022	.22	.2	.06	26	.6	.09	5.0
A 5180	.17	46.81	10.63	101.1	26	42.7	15.9	1683	4.28	11.9	1.0	<.2	5.6	78.1	.09	.45	.41	16	4.52	.020	10.8	25.8	1.29	35.4	.002	1	2.43	.051	.18	< 2	.04	8	.4	.07	6.9
STANDARD DS2	13.53	130.69	31.07	169.4	260	37.1	13.2	850	3.24	58.9	21.8	197.8	3.7	30.7	11.74	9.67	11.34	83	.57	.091	16.6	171.3	.62	146.2	.116	3	1.85	.033	.17	7.3	1.97	260	2.6	1.79	6.4

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



SAMPLE#	Cs ppm	Ge ppm	Nb ppm	Rb ppm	Sc ppm	Sn ppm	S %	Zr ppm	Y ppm	Ce ppm	In ppm	Re ppb	Li ppm
A 5169	1.80	<.1	.04	6.4	2.3	.3	1.70	7.0	4.51	4.9	.03	1	49.7
A 5284	.84	<.1	.05	5.9	3.2	.1	.07	5.1	9.90	12.6	.03	2	27.7
A 5374	1.51	<.1	.04	9.2	1.8	.3	.12	4.5	3.14	19.3	.03	<1	37.3
A 5356	.53	<.1	<.02	3.8	.7	.4	.29	5.0	2.61	10.4	<.02	<1	1.9
A 5283	.78	<.1	.07	6.5	3.2	.2	.03	4.9	10.18	16.9	.03	2	29.3
A 5052	.46	<.1	<.02	3.2	.4	.2	.01	3.7	.66	15.0	<.02	<1	.7
A 5173	2.01	<.1	.07	6.2	2.5	.2	.12	4.7	3.35	16.2	.03	<1	80.8
RE A 5173	2.04	<.1	.06	5.7	2.5	.2	.13	4.7	3.30	13.0	.02	<1	76.1
RRE A 5173	2.07	<.1	.07	6.0	2.5	.2	.13	4.9	3.35	14.4	.02	<1	80.1
A 5270	.05	<.1	.02	.5	.2	.2	.08	1.3	.59	1.9	<.02	<1	1.0
A 5155	1.52	<.1	.05	6.2	2.2	.2	1.38	6.5	5.10	4.4	.03	2	20.0
A 5288	1.35	<.1	.03	7.9	2.8	.2	1.19	6.4	3.67	4.5	.03	2	26.3
A 5359	.26	<.1	<.02	2.0	.5	.3	.06	2.6	.80	8.6	<.02	<1	.7
A 5371	.27	<.1	<.02	3.8	.3	1.1	.39	2.6	1.22	5.8	<.02	<1	.7
A 5286	.76	<.1	.05	6.0	3.5	.1	.33	7.9	11.39	10.8	.04	2	22.6
A 5140	1.12	<.1	.05	5.6	2.9	.1	.80	5.3	10.54	10.6	.03	3	19.6
A 5268	.31	<.1	.02	3.2	.7	.4	.19	4.0	2.62	9.0	<.02	<1	6.7
A 5150	1.52	<.1	.05	8.6	2.1	.6	<.01	6.9	3.14	35.2	.02	<1	74.6
A 5141	1.23	<.1	.10	6.1	2.8	.1	.29	5.2	10.16	10.3	.03	3	14.4
A 5223	2.54	<.1	.05	7.7	2.2	.3	.18	7.6	2.96	21.6	.03	<1	83.7
A 5186	1.81	<.1	.09	6.2	3.3	.1	.41	5.5	5.08	8.3	.03	2	53.2
A 5269	1.85	<.1	<.02	12.6	2.1	.3	.10	9.5	3.52	25.6	.02	1	4.5
A 5183	1.61	<.1	.07	5.7	3.4	.2	.27	5.2	7.08	11.0	.03	<1	44.6
A 5266	.37	<.1	<.02	3.7	.9	.2	.06	4.9	2.43	12.0	.02	<1	12.5
A 5167	2.04	<.1	.02	8.0	2.4	.3	1.43	6.4	3.46	5.6	.03	2	48.4
A 5181	1.86	<.1	.04	5.2	3.3	.2	.79	6.0	7.94	8.8	.04	2	39.6
RE A 5181	1.88	<.1	.05	5.2	3.4	.3	.80	5.9	8.02	9.1	.04	1	43.5
RRE A 5181	1.92	<.1	.05	5.0	3.5	.2	.82	6.2	8.14	9.3	.04	2	44.8
A 5154	.94	<.1	.05	4.7	2.1	.1	.81	3.9	7.80	6.4	.02	2	11.9
A 5232	2.54	<.1	.09	8.5	2.4	.3	.25	7.9	4.01	23.6	.03	<1	83.8
A 5184	1.84	<.1	.07	8.0	3.4	.2	.32	6.0	5.08	10.4	.03	2	61.5
A 5149	1.57	<.1	.08	8.5	1.8	.2	<.01	7.6	3.06	42.0	.02	<1	81.8
A 5267	.34	<.1	<.02	3.4	1.0	.2	.05	4.8	2.57	12.9	.02	<1	14.3
A 5168	2.09	<.1	.05	7.9	2.7	.2	1.39	7.2	5.14	6.6	.03	2	58.8
A 5137	2.59	<.1	.02	9.9	2.2	.3	1.19	8.0	3.29	7.8	.02	3	49.7
A 5180	2.14	<.1	.10	7.8	3.2	.3	.07	5.2	4.02	17.6	.03	<1	67.6
STANDARD DS2	2.80	<.1	2.22	15.0	3.2	25.4	.01	3.8	8.12	29.4	5.19	1	13.4

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



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm
A 5136	1.02	62.42	34.87	333.9	338	56.5	24.3	329	4.96	38.9	1.7	.8	9.2	20.8	.31	11.53	.83	15	.57	.106	8.9	40.1	1.13	74.9	.001	2	2.52	.026	.24	< .2	.07	37	.6	.07	6.9
A 5358	2.10	13.24	22.24	31.9	68	8.7	5.2	238	.98	13.0	.4	4.0	3.7	19.1	.06	.93	.21	2	.10	.039	4.3	21.9	.06	11.7	<.001	1	.16	.005	.05	11.8	<.02	<5	.2	.04	.5
A 5372	1.43	24.03	22.40	77.5	153	19.8	7.8	864	3.30	814.5	.5	12.4	4.6	6.3	.45	1.28	.45	8	.06	.010	4.2	23.1	.18	8.3	<.001	1	.18	.002	.05	7.7	.03	26	.2	.02	1.4
RE A 5372	1.37	21.84	21.52	76.6	146	18.1	7.3	862	3.25	806.1	.5	12.3	4.5	6.0	.43	1.19	.44	8	.05	.009	4.1	21.7	.18	8.1	<.001	1	.19	.002	.04	7.6	.03	26	.2	.02	1.3
RRE A 5372	1.33	21.10	22.03	74.5	149	18.4	7.2	846	3.16	793.5	.5	12.1	4.5	5.8	.43	1.19	.45	8	.05	.009	4.0	25.4	.18	7.9	<.001	1	.18	.002	.05	7.6	.03	28	.2	.02	1.3
A 5139	1.74	41.70	60.82	75.8	112	43.8	19.8	1284	4.09	40.5	1.2	.4	7.7	206.0	.15	7.36	.57	8	7.34	.018	3.4	17.7	.66	33.1	.001	1	1.17	.021	.19	.3	.08	47	1.2	.12	3.2
A 5174	.50	50.66	15.75	86.8	35	38.0	21.5	1327	3.66	37.0	1.6	.3	6.9	220.4	.06	1.48	1.13	15	5.56	.015	9.3	26.2	.97	41.2	.002	1	2.21	.044	.21	.5	.05	11	.4	.15	6.0
A 5370	2.29	34.00	24.74	43.1	158	12.1	4.6	333	1.44	24.5	.8	3.7	6.5	12.7	.27	.50	.67	2	.05	.015	8.0	25.1	.08	17.2	<.001	1	.23	.003	.09	12.7	.02	5	.1	<.02	.7
A 5211	.36	60.96	24.19	120.1	63	53.3	17.7	583	4.76	3.2	1.8	<.2	9.9	24.1	.07	.25	.44	20	.30	.030	35.3	41.5	1.25	47.4	.002	1	3.07	.057	.19	<.2	.06	<5	.3	.06	9.4
A 5362	1.98	8.58	23.46	42.4	73	7.3	2.5	261	.98	10.6	.3	1.0	4.2	6.4	.20	.36	.06	<2	.02	.005	6.5	24.5	.05	9.1	<.001	1	.16	.003	.04	11.4	<.02	6	.1	<.02	.4
A 5134	2.16	14.90	4.28	32.8	17	15.2	5.0	500	2.10	4.9	.7	.6	6.1	43.9	.03	.45	.11	8	1.55	.017	9.2	25.0	.46	14.4	.001	1	.99	.015	.08	7.9	.02	<5	.1	<.02	3.4
A 5153	2.06	36.61	53.86	60.4	77	31.3	14.0	1084	3.11	29.2	.8	.2	6.3	246.1	.08	5.53	.41	6	11.39	.016	3.6	10.9	.58	32.1	<.001	1	.96	.037	.18	<.2	.05	53	1.2	.09	2.7
A 5265	2.21	5.95	1.84	17.3	22	9.3	3.5	1177	1.50	12.2	.3	1.2	4.4	63.6	.03	.26	.05	3	2.05	.006	6.7	25.4	.34	9.4	.001	1	.48	.009	.06	8.9	<.02	<5	.2	<.02	1.5
A 5142	.58	16.19	22.68	34.3	48	18.2	12.5	1537	2.01	18.0	.7	<.2	3.9	465.1	.07	2.51	.22	3	21.87	.033	5.0	6.2	.39	20.5	<.001	<1	.61	.014	.12	<.2	.03	18	1.2	.12	1.6
A 5231	.22	39.77	15.01	128.5	38	56.1	17.0	476	5.00	9.0	1.7	.2	10.8	27.7	.05	.19	.33	21	.19	.027	33.5	48.0	1.31	33.5	.002	1	3.18	.048	.18	<.2	.04	6	.2	.03	8.9
A 5264	2.01	9.46	2.57	35.3	25	9.1	3.3	1879	1.54	64.1	.4	11.6	4.5	75.6	.10	.51	.05	2	2.46	.018	4.3	20.8	.32	9.9	<.001	1	.30	.008	.06	9.3	.02	<5	.3	.02	.9
A 5133	1.85	6.25	3.26	14.8	17	7.5	2.6	613	1.12	3.7	.5	5.9	5.7	83.1	.02	.25	.05	3	2.10	.007	6.5	21.9	.21	7.9	.001	<1	.37	.013	.04	10.0	<.02	<5	.3	<.02	1.5
A 5148	.12	59.77	22.37	106.1	49	51.6	21.8	447	4.60	10.5	.8	.5	10.2	21.6	.03	.18	.73	17	.47	.124	33.9	33.1	1.23	47.2	.002	1	2.99	.038	.26	<.2	.08	7	.3	.11	7.8
A 5210	.44	55.40	18.73	144.0	42	59.4	20.1	644	5.91	8.7	1.8	1.1	9.2	26.4	.06	.33	.70	26	.33	.042	30.4	49.2	1.57	57.8	.002	1	3.82	.053	.20	<.2	.04	6	.3	.11	10.1
A 5367	1.99	10.46	17.18	36.1	164	7.0	2.5	302	.97	8.1	.3	8.7	3.8	16.1	.30	.29	.37	2	.03	.008	8.0	18.8	.05	8.8	<.001	1	.18	.002	.04	11.2	<.02	6	.1	<.02	.5
A 5355	.89	67.14	35.08	147.5	104	49.9	21.7	618	4.60	50.2	1.8	2.1	13.2	23.0	.17	1.30	.48	10	.15	.038	16.7	15.1	.87	36.6	<.001	1	.40	.012	.19	2.5	.06	8	.4	.06	1.7
A 5152	1.74	47.97	48.66	83.6	76	44.5	23.1	1158	4.27	44.7	1.2	.6	6.2	142.8	.12	5.52	.59	7	6.47	.066	3.0	16.2	.81	35.1	.001	1	1.24	.038	.19	.3	.06	58	1.1	.10	3.4
A 5263	1.04	17.55	28.10	182.7	124	21.3	14.2	2510	2.11	345.7	.6	19.0	3.9	517.3	1.04	7.65	.20	<2	19.26	.058	5.9	7.9	.13	26.1	<.001	1	.21	.006	.08	2.3	.05	14	.9	.09	.5
RE A 5263	1.17	18.36	30.00	181.4	133	21.8	14.7	2498	2.07	342.5	.7	21.3	4.1	514.4	1.08	8.16	.21	<2	19.09	.061	6.1	6.2	.13	25.9	<.001	1	.21	.007	.09	2.4	.05	16	.9	.11	.5
RRE A 5263	1.18	18.46	29.32	183.4	135	23.1	15.4	2523	2.12	348.9	.6	21.3	4.0	521.6	1.13	8.26	.21	<2	19.32	.062	6.2	6.0	.13	25.6	<.001	1	.19	.006	.08	2.3	.05	14	1.0	.12	.5
A 5230	1.35	39.63	24.58	112.5	70	45.1	23.4	3853	6.07	17.0	1.4	1.3	8.9	60.5	.20	.92	.34	21	3.57	.014	9.0	42.6	1.89	44.8	.002	1	3.11	.043	.15	1.4	.04	12	.4	.09	10.3
A 5151	.59	48.66	11.63	92.4	36	43.4	22.4	1442	4.33	29.1	1.1	.4	6.3	33.4	.07	1.06	.56	13	2.18	.018	8.7	25.9	1.14	43.8	.001	1	2.06	.036	.20	.4	.05	16	.2	.11	5.7
A 5182	3.10	21.96	27.32	50.2	44	24.3	20.6	2848	3.10	64.4	1.3	.3	4.0	307.3	.20	4.03	.31	7	18.16	.010	5.3	15.6	.63	19.2	<.001	<1	1.06	.032	.10	<.2	.04	21	.9	.08	3.3
A 5159	1.76	14.03	6.94	29.8	540	7.2	2.7	445	1.36	38.5	.5	.9	4.3	8.0	.12	.20	.08	2	.05	.008	6.2	17.4	.09	6.4	<.001	<1	.18	.002	.03	10.6	<.02	<5	.1	.03	.5
A 5152	.34	48.85	8.36	113.3	34	53.7	15.4	406	4.67	2.3	1.6	<.2	9.8	22.1	.04	.11	.23	19	.10	.030	42.1	41.0	1.23	80.0	.001	1	3.09	.051	.20	<.2	.04	<5	.3	.02	8.4
A 5354	.42	52.89	16.52	123.7	87	48.5	20.0	510	4.34	50.5	1.6	.4	12.7	23.1	.09	1.07	.44	13	.18	.039	24.5	12.9	.73	36.9	<.001	1	.46	.013	.19	.4	.05	6	.2	.06	2.1
A 5138	.41	59.69	12.96	105.9	44	39.7	14.8	864	4.25	18.4	1.3	.2	9.2	22.6	.05	1.52	.66	11	1.70	.053	13.7	21.3	.98	44.2	.001	1	2.05	.024	.24	<.2	.05	13	.3	.07	5.4
A 5147	.29	47.58	24.14	106.8	39	48.9	25.2	1559	4.99	27.0	1.8	.4	7.2	48.0	.05	.65	.86	18	2.57	.391	14.7	24.1	1.28	46.1	.003	2	2.87	.031	.23	.3	.06	<5	.2	.15	7.7
A 5368	2.56	14.12	27.80	41.1	143	12.4	5.0	337	1.08	15.2	.7	1.3	6.1	13.6	.30	.30	.31	3	.04	.012	7.8	20.3	.07	11.0	<.001	1	.20	.005	.05	7.9	.02	13	.2	<.02	.5
A 5209	.62	53.46	18.32	125.7	42	52.1	20.7	875	5.38	14.3	1.5	.5	7.8	29.1	.07	.82	.70	22	.76	.048	18.3	40.6	1.41	32.5	.002	<1	3.29	.041	.18	.2	.04	8	.2	.10	8.8
A 5031	1.19	43.30	14.15	233.1	77	47.0	19.7	1134	4.19	71.9	1.4	.9	11.0	14.5	.22	.87	.35	10	.14	.052	25.3	17.2	.48	33.0	.001	1	1.25	.007	.16	4.2	.03	6	.3	.06	3.5
STANDARD DS2	14.24	128.71	31.32	164.3	247	36.7	12.9	828	3.14	59.9	22.2	185.2	3.8	29.6	11.47	9.73	11.59	81	.54	.081	17.2	174.8	.60	143.6	.114	2	1.78	.032	.17	7.6	1.90	265	2.6	1.84	6.2

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



SAMPLE#	Cs ppm	Ge ppm	Nb ppm	Rb ppm	Sc ppm	Sn ppm	S %	Zr ppm	Y ppm	Ce ppm	In ppm	Re ppb	Li ppm
A 5136	1.94	<.1	.04	10.1	2.1	.4	.79	8.7	5.30	15.5	.02	3	78.4
A 5358	.30	<.1	.02	2.2	.4	.2	.11	3.3	1.29	7.7	<.02	<1	1.0
A 5372	.30	<.1	.02	2.2	1.4	.6	.34	3.5	1.56	7.5	.02	<1	2.2
RE A 5372	.28	<.1	.02	2.0	1.3	.6	.31	3.3	1.48	7.3	.02	<1	2.1
RRE A 5372	.28	<.1	.02	2.0	1.3	.5	.33	3.5	1.51	7.1	.02	<1	2.0
A 5139	1.78	<.1	.03	8.1	2.4	.3	1.23	7.4	6.27	7.1	.03	4	27.9
A 5174	2.25	<.1	.08	8.0	2.8	.4	.23	4.6	6.35	16.1	.03	1	62.2
A 5370	.46	<.1	<.02	4.0	.6	.3	.23	3.7	1.33	14.4	.02	<1	1.1
A 5211	2.86	<.1	.07	8.6	2.4	.3	.03	6.7	3.28	55.6	.02	<1	88.1
A 5362	.26	<.1	<.02	2.2	.3	.2	.06	2.6	.66	10.9	<.02	<1	.7
A 5134	.54	<.1	<.02	3.4	1.1	.2	.07	3.2	1.98	18.1	.02	1	28.4
A 5153	1.78	<.1	.03	8.5	2.7	.3	1.58	7.3	7.82	7.6	.03	3	22.7
A 5265	.29	<.1	<.02	2.6	.8	.2	.05	3.1	2.78	13.9	.02	<1	13.1
A 5142	.67	<.1	.05	5.0	2.9	.1	.38	4.3	11.45	10.5	.02	2	16.2
A 5231	2.91	<.1	.06	7.0	2.0	.3	.06	6.0	2.80	43.5	.02	<1	90.5
A 5264	.29	<.1	.02	2.5	.8	.2	.27	4.1	4.11	8.6	.06	1	6.8
A 5133	.29	<.1	<.02	1.7	.6	.2	.02	2.0	3.03	14.2	.02	<1	9.5
A 5148	2.11	<.1	.09	10.2	2.0	.2	<.01	6.7	5.85	56.3	<.02	<1	81.4
A 5210	2.32	<.1	.09	7.6	2.4	.3	.05	5.6	2.98	42.6	.02	<1	102.8
A 5367	.27	<.1	<.02	1.9	.4	.3	.08	4.0	.83	13.6	<.02	<1	.9
A 5355	1.98	<.1	<.02	8.3	2.0	.4	.13	6.3	2.73	27.6	.02	<1	4.5
A 5152	2.15	<.1	.03	8.8	2.8	.2	2.17	10.7	6.74	6.8	.03	3	29.6
A 5263	.50	<.1	.04	3.7	1.8	.1	.06	5.5	10.17	11.8	.04	1	1.4
RE A 5263	.55	<.1	.05	4.0	2.0	.2	.08	6.0	10.91	12.4	.03	2	1.5
RRE A 5263	.52	<.1	.05	3.7	1.9	.2	.08	6.3	10.94	12.4	.04	<1	1.4
A 5230	2.64	<.1	.07	7.3	3.1	.4	.27	5.9	4.31	17.6	.03	1	78.5
A 5151	1.59	<.1	.04	8.5	2.4	.2	.34	7.1	3.65	15.7	.03	2	54.6
A 5182	1.21	<.1	.05	4.8	3.6	.2	.94	4.1	10.49	13.6	.03	1	27.0
A 5369	.18	<.1	<.02	1.5	.5	.2	.08	3.4	.83	11.4	<.02	<1	1.0
A 5212	2.62	<.1	.04	7.7	2.0	.3	.02	7.0	3.02	58.6	.02	2	96.4
A 5354	3.08	<.1	.02	8.2	2.4	.5	.09	5.7	2.68	38.1	.02	<1	4.8
A 5138	2.05	<.1	.03	9.8	2.5	.3	.14	6.6	4.27	23.6	.02	1	55.0
A 5147	1.54	<.1	.10	9.2	2.6	.3	.08	1.8	12.88	28.7	.02	1	89.0
A 5368	.44	<.1	<.02	2.4	.5	.3	.13	4.2	1.15	14.9	<.02	<1	1.3
A 5209	2.17	<.1	.06	6.5	2.2	.3	.16	5.9	3.01	26.3	.02	1	101.0
A 5031	1.64	<.1	.02	5.8	1.5	.3	<.01	8.9	4.08	39.7	<.02	1	27.9
STANDARD DS2	2.89	<.1	2.13	14.2	3.2	25.6	.02	3.7	8.44	30.9	5.58	<1	13.6

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



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm
A 5262	1.07	35.92	47.10	78.9	200	39.5	18.2	1506	3.88	1181.4	.7	18.1	7.7	210.7	.11	18.45	.53	2	9.07	.023	16.6	4.9	.08	51.2	<.001	2	.39	.014	.20	.7	.06	29	.7	.09	.7
A 5135	.83	53.77	13.59	99.0	57	46.5	17.3	184	3.96	29.5	1.5	.4	11.8	8.3	.06	2.98	.58	12	.05	.037	11.8	28.3	1.01	33.1	.001	2	2.31	.023	.19	.6	.06	12	.3	.07	5.8
A 5144	.85	46.52	18.17	97.8	56	46.1	25.1	1153	5.13	44.3	.9	.4	8.2	21.8	.10	2.18	.63	13	1.76	.024	9.0	24.0	1.07	37.0	.001	2	2.30	.023	.20	.4	.05	18	.5	.13	5.8
A 5233	1.17	38.71	19.64	103.0	84	43.2	33.9	5140	7.17	37.2	1.1	1.2	7.4	62.8	.24	2.38	.53	19	4.87	.060	6.5	39.3	2.16	25.1	.003	1	2.81	.037	.13	.6	.05	20	.4	.12	8.9
A 5179	.39	47.85	31.14	103.0	46	44.9	25.3	1058	4.62	35.1	1.4	<.2	4.8	118.5	.06	1.38	.45	14	6.71	.051	9.0	30.5	1.14	31.6	.001	1	2.66	.049	.17	<.2	.07	12	.5	.13	7.1
A 5032	.62	66.34	23.78	196.1	112	56.2	22.7	769	5.14	53.0	1.4	1.5	15.2	15.9	.09	1.17	.58	13	.15	.052	35.0	27.1	.93	46.5	.002	2	2.45	.010	.22	1.0	.05	8	.2	.10	6.0
A 5366	3.05	14.72	19.12	32.2	97	12.8	4.0	333	1.23	39.4	.6	2.7	5.6	10.1	.13	.41	.15	4	.07	.016	8.0	23.8	.08	13.3	<.001	2	.24	.006	.07	8.9	.02	11	.1	<.02	.7
RE A 5366	(3.30)	15.41	21.48	33.6	97	13.2	4.1	349	1.29	42.4	.6	3.9	6.4	11.2	.14	.43	.16	3	.07	.016	8.9	23.0	.08	14.2	<.001	2	.26	.006	.08	9.4	.02	10	.1	<.02	.7
RRE A 5366	1.42	12.39	20.93	33.8	94	8.2	4.0	331	1.19	45.1	.6	2.4	6.3	9.7	.15	.40	.17	2	.05	.015	8.2	11.5	.08	11.2	<.001	1	.19	.005	.06	8.1	.02	12	.1	<.02	.5
A 5366	.98	45.26	31.76	123.3	71	57.1	26.3	507	5.83	36.6	1.6	.8	7.8	22.9	.10	1.72	.61	14	.18	.019	10.0	32.3	1.03	35.3	.001	1	2.63	.059	.19	.5	.05	25	.5	.06	6.8
A 5177	.53	40.31	23.72	83.3	35	38.5	21.0	1495	3.95	50.3	1.5	.2	6.4	151.3	.10	1.96	.77	10	8.47	.022	6.1	25.6	1.08	25.0	.001	1	2.00	.038	.13	.5	.05	11	.4	.10	5.3
A 5208	.46	55.42	49.60	139.4	70	55.9	17.2	525	5.11	16.0	1.7	.2	9.2	25.0	.08	.39	.57	18	.28	.045	20.5	38.5	1.28	36.3	.002	1	3.20	.061	.20	<.2	.06	8	.3	.04	8.3
A 5365	1.63	9.67	12.24	36.6	60	8.1	2.9	250	.99	20.8	.4	1.5	4.6	10.4	.23	.46	.04	2	.04	.006	8.4	16.1	.07	11.1	<.001	1	.19	.005	.06	9.2	<.02	<.5	.1	<.02	.5
A 5028	3.24	7.35	31.45	31.0	133	10.5	1.7	80	.87	274.4	.6	413.8	4.3	7.3	.20	.99	.06	<.2	.01	.009	8.2	21.5	.01	15.5	<.001	2	.21	.006	.09	9.8	.02	28	.1	<.02	.4
A 5178	.44	48.98	43.14	87.4	45	38.6	21.8	1504	4.00	31.7	1.8	5.9	5.8	116.6	.10	.93	.68	12	7.32	.040	9.5	25.8	1.10	26.1	.002	1	2.16	.039	.14	.5	.04	11	.5	.08	6.0
A 5229	1.12	51.84	28.59	111.8	68	50.9	27.3	1527	5.19	39.9	1.5	2.2	9.8	58.3	.13	.81	.70	17	1.63	.016	13.6	39.2	1.29	34.0	.001	1	2.83	.049	.16	1.3	.07	14	.3	.12	8.1
A 5207	.97	53.47	41.37	115.6	82	51.8	40.1	1225	5.79	49.1	1.5	1.9	6.4	38.9	.12	2.64	.62	13	1.28	.053	6.2	31.6	1.11	32.1	.001	1	2.49	.049	.18	.4	.07	24	.4	.09	6.5
A 5030	1.74	8.83	18.57	178.1	74	14.3	7.3	330	1.59	43.8	.9	7.0	6.4	7.9	.09	.79	.10	<.2	.04	.015	8.8	15.9	.03	12.9	<.001	1	.19	.008	.06	10.0	.02	6	.1	.02	.4
A 5364	3.32	10.96	24.75	30.9	123	9.5	2.2	120	.64	87.6	.3	3.1	2.6	10.4	.31	.54	.03	2	.02	.007	5.5	28.4	.03	9.2	<.001	1	.15	.005	.05	9.8	<.02	<.5	.1	<.02	.4
A 5145	.36	45.18	6.87	88.9	18	37.0	8.9	920	4.27	6.5	.8	6.4	10.0	20.8	.06	.38	.22	11	1.74	.034	22.1	23.4	1.00	34.4	.002	2	2.23	.023	.19	.4	.05	5	.2	.02	5.6
RE A 5145	.36	44.45	6.93	91.3	18	38.2	8.7	946	4.32	6.5	.8	1.8	9.6	21.5	.06	.37	.22	12	1.78	.035	24.4	26.6	1.02	36.2	.002	1	2.30	.024	.20	.5	.04	<.5	.3	.02	5.8
RRE A 5145	.45	44.98	6.81	93.5	18	39.5	8.9	972	4.45	6.6	.8	1.5	10.1	22.1	.07	.36	.22	12	1.85	.035	24.2	24.3	1.04	37.2	.002	2	2.37	.024	.21	.3	.04	6	.2	.02	5.7
A 5224	.57	53.58	11.88	125.2	34	53.3	17.8	468	5.25	6.7	1.9	1.0	11.8	23.6	.05	.41	.47	19	.17	.047	33.9	39.7	1.31	27.7	.002	1	3.26	.048	.15	<.2	.04	5	.2	.07	9.0
A 5146	.41	49.07	13.85	102.0	24	43.9	17.4	1413	4.82	14.4	1.1	.6	8.3	33.0	.06	.43	.53	14	1.66	.026	17.2	26.8	1.36	38.7	.002	1	2.62	.028	.21	.3	.05	<.5	.3	.06	6.4
A 5204	.40	66.87	36.54	125.7	57	54.9	22.6	788	4.63	38.5	1.3	.8	7.3	25.0	.08	1.32	.79	14	.47	.026	22.0	29.0	1.14	37.4	.002	1	2.79	.050	.20	.3	.06	15	.3	.19	7.6
A 5363	3.15	21.34	140.52	81.3	230	12.6	3.3	272	1.11	21.7	.3	1.8	3.7	14.0	.86	.54	.08	4	.03	.007	7.3	21.7	.07	12.5	<.001	1	.22	.004	.07	8.9	.02	5	.1	<.02	.6
A 5143	.52	31.17	15.72	62.4	62	28.6	12.9	1308	3.08	13.9	.8	.2	5.4	277.8	.07	1.61	.28	7	13.87	.074	5.7	17.1	.61	26.7	.001	1	1.27	.016	.15	.4	.03	14	.8	.07	3.1
A 5175	.42	39.59	10.01	82.2	26	33.7	11.1	1342	3.79	10.7	1.6	<.2	6.7	87.3	.06	.77	.34	11	4.56	.017	14.6	22.0	1.24	34.7	.001	1	2.06	.050	.18	.5	.05	9	.3	.03	5.4
A 5	.36	56.20	31.60	125.4	62	52.0	14.7	600	5.05	1.3	1.5	<.2	11.3	34.3	.12	.09	.23	18	.38	.043	46.1	38.7	1.28	31.6	.002	1	3.20	.050	.17	<.2	.04	<.5	.3	.02	8.9
A 5179	1.27	48.56	32.62	81.3	198	41.1	15.9	767	3.95	82.3	.9	38.0	10.8	49.3	.07	8.76	.44	8	2.24	.067	35.9	19.6	.46	43.0	.001	2	1.51	.014	.28	1.0	.06	17	.6	.06	3.6
A 5314	.29	44.09	18.23	96.4	26	41.8	16.2	1746	4.85	24.8	.8	.8	6.5	45.3	.07	.85	.42	12	2.66	.024	18.5	22.4	1.37	37.8	.001	1	2.20	.023	.20	.2	.04	6	.4	.06	5.5
A 5333	3.02	15.44	4.11	35.1	19	11.0	2.8	159	.92	44.3	.6	1.3	4.7	7.8	1.06	.35	.05	3	.03	.009	7.6	22.8	.04	10.1	<.001	1	.24	.003	.06	8.3	<.02	<.5	.1	<.02	.6
A 5033	.60	40.66	10.75	140.0	69	60.0	22.6	662	5.90	47.1	1.6	1.0	15.0	16.8	.06	.99	.56	14	.15	.056	32.8	27.6	1.06	45.4	.002	2	2.74	.009	.21	.9	.04	5	.3	.09	7.0
A 5205	.76	47.29	18.63	123.7	48	47.2	26.7	1807	5.87	50.6	1.5	.5	6.5	36.3	.08	1.25	.54	15	1.53	.106	7.2	27.5	1.32	35.8	.002	1	2.74	.049	.20	.2	.05	22	.4	.11	7.2
A 5132	1.72	5.31	1.81	14.2	12	8.0	2.6	181	1.20	6.0	.5	.9	6.1	16.4	.01	.25	.04	6	.36	.015	9.7	25.6	.22	9.7	.001	1	.45	.017	.05	9.4	<.02	<.5	.1	<.02	1.7
A 5410	.45	51.58	23.50	121.7	69	49.6	20.1	845	5.46	12.8	1.1	.3	9.2	45.8	.08	.56	.46	20	.79	.035	18.9	38.9	1.34	59.4	.002	1	3.15	.048	.21	<.2	.05	<.5	.3	.06	8.8
STANDARD DS2	14.30	128.60	31.61	168.0	256	36.0	13.1	836	3.33	61.6	21.9	202.2	3.7	31.6	11.91	10.61	11.46	75	.59	.089	17.1	162.2	.61	141.9	.116	4	1.89	.034	.16	7.8	1.92	271	2.6	1.94	6.2

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



SAMPLE#	Cs ppm	Ge ppm	Nb ppm	Rb ppm	Sc ppm	Sn ppm	S %	Zr ppm	Y ppm	Ce ppm	In ppm	Re ppb	Li ppm
A 5262	1.07	<.1	.03	8.1	3.0	.2	.01	6.6	7.50	27.6	.03	<1	1.6
A 5135	1.67	<.1	.02	7.7	1.7	.3	.43	7.9	2.10	19.4	.02	2	63.0
A 5144	1.31	<.1	.03	8.6	2.7	.3	.32	10.0	3.63	15.1	.03	2	62.2
A 5233	1.66	<.1	.10	6.8	3.5	.2	.77	7.7	4.39	11.3	.03	<1	73.5
A 5179	1.97	<.1	.08	7.6	3.0	.2	.30	6.7	5.97	14.8	.02	2	67.7
A 5032	2.51	<.1	.04	8.8	1.8	.3	<.01	11.7	3.61	55.3	.02	<1	45.5
A 5366	.31	<.1	.02	3.2	.5	.4	.14	3.9	1.08	14.1	<.02	<1	1.4
RE A 5366	.35	<.1	.02	3.7	.6	.4	.15	4.4	1.23	16.6	<.02	1	1.4
RRE A 5366	.31	<.1	<.02	2.8	.5	.2	.15	4.1	1.08	14.8	<.02	<1	1.0
A 5306	2.81	<.1	.08	9.1	1.9	.3	2.27	11.7	2.52	16.2	.03	1	64.4
A 5177	1.77	<.1	.06	5.9	3.1	.2	.33	7.0	5.41	9.9	.03	1	53.4
A 5208	2.64	<.1	.09	8.9	2.3	.3	.27	8.9	3.08	32.1	.03	1	81.1
A 5365	.40	<.1	<.02	2.8	.4	.2	.07	3.7	.78	14.9	<.02	<1	.9
A 5028	.48	<.1	<.02	4.0	.4	.4	.07	3.8	1.04	14.4	<.02	1	1.0
A 5178	2.05	<.1	.07	6.5	3.1	.3	.14	8.8	6.23	16.3	.03	2	55.7
A 5229	3.12	<.1	.05	7.7	2.3	.3	.44	7.3	3.15	23.4	.03	<1	69.0
A 5207	2.23	<.1	.04	7.7	2.1	.3	1.91	10.4	3.47	10.0	.03	<1	64.1
A 5030	.47	<.1	<.02	2.8	.7	.2	.02	6.3	1.94	16.5	<.02	<1	1.0
A 5364	.28	<.1	<.02	2.4	.2	.4	.13	2.3	.55	9.7	<.02	<1	.8
A 5145	1.63	<.1	.04	8.4	2.4	.2	.02	8.3	3.84	35.7	.03	1	56.5
RE A 5145	1.62	<.1	.06	8.7	2.5	.2	.02	8.4	3.85	38.5	.02	2	60.2
RRE A 5145	1.62	<.1	.05	8.7	2.5	.2	.02	8.2	3.87	38.8	.02	<1	59.5
A 5224	2.57	<.1	.06	7.4	2.2	.3	.05	9.7	3.43	50.4	.03	<1	83.1
A 5146	1.49	<.1	.06	9.3	2.5	.3	.08	7.0	3.51	28.3	.03	1	74.8
A 5204	2.46	<.1	.10	9.0	2.2	.3	.40	8.3	3.05	35.6	.03	1	70.2
A 5363	.33	<.1	.02	3.1	.5	.4	.10	3.0	.70	12.8	.03	<1	1.2
A 5143	.95	<.1	.06	6.7	2.9	.2	.24	8.8	8.68	11.6	.02	<1	31.7
A 5175	1.71	<.1	.05	8.3	3.6	.3	.12	6.1	4.03	23.8	.03	2	54.5
A 5226	2.73	<.1	.07	7.9	2.4	.3	<.01	7.7	3.73	73.4	.03	<1	84.6
A 5279	1.17	<.1	.02	11.7	2.4	.2	<.01	6.5	6.35	55.6	.02	2	27.6
A 5314	1.08	<.1	.06	8.2	2.7	.2	.12	4.9	3.43	28.3	.03	<1	63.5
A 5333	.19	<.1	.02	2.6	.4	.3	.09	3.9	.82	13.6	.03	<1	1.2
A 5033	2.49	<.1	.04	8.6	2.0	.3	<.01	12.0	3.75	50.3	.02	1	50.3
A 5205	2.52	<.1	.06	8.6	2.4	.3	1.40	9.2	3.94	11.1	.03	<1	68.3
A 5132	.31	<.1	<.02	2.4	.6	.2	.03	2.7	1.13	17.3	<.02	<1	10.3
A 5410	1.86	<.1	.04	10.0	2.7	.3	.19	7.6	3.57	30.4	.03	<1	81.4
STANDARD DS2	2.91	<.1	2.11	14.6	3.2	24.6	.03	3.8	8.17	31.9	5.75	3	13.9

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



ACME ANALYTICAL

Hudson Bay Expl. & Dev. Co. Ltd. PROJECT 2316 FILE # 9903735

Page 7 (a)



ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B %	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm
A 5309	.58	47.13	11.57	86.6	37	40.1	18.3	808	3.61	42.6	.8	.5	6.9	34.9	.10	1.76	.49	9	1.99	.052	12.3	18.9	.93	37.6	.001	2	1.61	.019	.22	.2	.05	10	.4	.07	4.1
A 5334	1.42	16.70	3.93	35.8	21	7.8	3.0	214	1.00	58.6	.5	.8	5.0	5.0	1.34	.26	.08	3	.03	.006	5.7	16.8	.05	9.4	<.001	1	.16	.005	.05	7.8	.02	<5	.1	<.02	.5
A 5090	2.36	6.20	5.78	10.6	56	5.7	.5	29	.59	306.5	.5	26.4	4.3	8.1	.25	1.01	.09	2	.02	.023	6.9	21.9	.01	13.1	<.001	1	.17	.004	.06	7.3	.03	11	.2	.04	.4
A 5344	.62	50.69	16.82	348.7	89	53.4	22.6	513	4.46	52.2	1.9	2.2	14.4	13.4	8.35	.43	.40	13	.14	.046	15.7	29.9	.92	41.7	.001	1	1.81	.009	.23	1.2	.06	5	.2	.06	4.8
A 5434	.44	40.36	37.15	88.4	106	40.9	24.7	1559	3.89	17.6	1.0	.5	6.0	320.3	.09	1.10	.58	14	6.60	.034	5.3	32.9	1.14	75.6	.002	1	2.12	.033	.17	<.2	.05	6	.5	.14	5.7
A 5089	1.66	6.71	27.72	15.4	91	3.3	.5	33	.72	338.1	.6	20.5	6.0	6.4	.46	1.06	.07	2	.01	.011	9.8	14.9	.01	14.7	<.001	1	.18	.004	.07	9.2	.02	21	.2	<.02	.4
A 5409	.45	51.62	21.07	117.4	64	49.6	19.6	659	4.84	13.6	1.0	.9	7.9	33.1	.08	.42	.46	20	.47	.041	15.4	46.0	1.24	48.7	.002	1	2.90	.040	.19	<.2	.05	6	.3	.07	8.0
A 5029	1.82	7.05	11.20	21.6	61	4.7	1.3	102	.69	108.4	.6	4.9	4.5	5.5	.12	.43	.06	<2	.02	.010	8.2	16.3	.02	13.0	<.001	1	.15	.002	.07	10.5	<.02	15	.1	<.02	.3
A 5276	.26	58.67	16.79	102.1	44	43.5	14.3	1013	4.17	11.6	.9	.6	8.8	36.8	.05	.47	.52	12	1.16	.028	29.8	24.4	1.08	47.8	.001	2	1.99	.020	.25	<.2	.05	6	.4	.09	5.2
A 5312	.73	45.85	28.27	89.6	61	43.8	25.1	933	4.08	53.9	.9	7.2	6.3	34.8	.11	4.40	.74	9	2.24	.019	6.3	21.9	.91	31.4	.001	1	1.42	.015	.17	.3	.05	22	.6	.11	3.7
A 5411	.33	50.84	29.45	118.4	85	51.0	20.4	755	4.82	12.8	1.2	2.1	8.1	35.2	.08	.62	.52	21	.60	.070	18.3	42.2	1.24	43.9	.002	1	2.87	.038	.20	<.2	.05	5	.3	.10	7.7
A 5203	.42	62.03	31.33	114.3	60	53.4	19.7	1315	4.59	20.7	1.0	1.0	6.6	29.2	.06	.79	.70	17	.89	.046	19.6	34.2	1.28	37.8	.002	1	2.76	.040	.20	<.2	.05	13	.3	.19	6.5
A 5220	.44	60.31	9.74	143.0	46	62.5	19.8	532	5.56	10.5	1.7	.7	11.4	24.3	.06	.47	.59	24	.25	.069	25.3	51.6	1.48	35.0	.002	<1	3.64	.045	.19	<.2	.04	6	.3	.09	9.7
RE A 5220	.44	60.22	9.81	143.2	47	62.3	19.7	530	5.61	10.4	1.8	.5	10.9	23.5	.05	.49	.60	25	.25	.067	23.0	51.5	1.48	33.1	.002	<1	3.61	.044	.18	<.2	.04	8	.2	.09	9.6
RRE A 5220	.44	56.91	8.30	142.4	49	61.4	19.1	517	5.52	9.7	1.8	.6	10.7	22.4	.05	.48	.56	24	.24	.066	24.0	50.4	1.46	30.7	.003	<1	3.54	.040	.17	<.2	.04	8	.3	.09	9.6
A 5086	2.37	15.78	24.58	39.0	149	13.4	4.1	838	1.28	309.5	.7	12.3	5.2	15.1	.71	1.17	.10	4	.25	.023	11.1	19.6	.13	20.3	<.001	1	.35	.008	.09	6.9	.03	18	.2	<.02	.9
A 5099	1.55	15.72	129.60	120.0	827	6.3	1.9	46	1.11	198.1	.6	17.1	4.8	11.0	.20	.59	.05	3	.01	.010	8.7	15.1	.01	16.8	.001	1	.22	.006	.08	10.6	.03	16	.1	<.02	.6
A 5027	2.74	7.28	110.22	84.6	309	8.5	1.5	48	1.07	354.4	.5	16.6	4.4	4.8	.42	.72	.04	<2	.01	.011	7.0	23.5	.01	14.3	<.001	1	.15	.003	.08	8.5	.02	35	.1	<.02	.3
A 5277	1.01	44.75	12.26	88.8	75	43.3	16.8	1409	4.09	42.2	.8	3.7	8.7	44.7	.06	1.08	.31	12	1.33	.037	33.9	30.9	.89	40.7	.002	1	2.19	.012	.21	3.8	.04	9	.3	.06	5.3
A 5316	.25	45.37	14.84	103.8	27	48.7	19.2	1077	4.42	8.1	1.1	.3	6.5	32.1	.04	.40	.58	15	1.11	.067	26.0	25.9	1.25	43.2	.002	1	2.49	.025	.23	.2	.04	5	.4	.08	6.3
A 5438	.51	51.86	31.46	118.5	76	52.5	18.5	765	4.69	14.2	1.3	.3	8.8	68.4	.07	.28	.60	19	1.75	.064	17.1	37.1	1.32	100.9	.002	1	2.98	.045	.23	.2	.05	<5	.4	.10	7.9
A 5310	.92	39.39	23.56	83.9	56	44.3	25.6	1569	4.60	62.9	.9	<.2	5.2	105.5	.07	3.96	.56	11	5.71	.105	4.3	18.6	1.16	35.5	.001	<1	1.54	.017	.20	<.2	.04	20	.7	.10	4.1
RE A 5310	.89	38.34	23.31	82.7	90	43.5	25.1	1547	4.50	60.7	.9	<.2	5.2	103.9	.07	3.99	.56	10	5.63	.103	4.1	20.5	1.14	34.4	.001	<1	1.51	.016	.19	<.2	.05	21	.7	.09	3.9
RRE A 5310	.84	41.03	23.38	82.1	57	42.5	24.9	1506	4.41	64.2	.9	<.2	5.1	101.9	.07	3.99	.58	10	5.55	.103	4.1	19.2	1.10	32.2	.001	<1	1.45	.015	.17	.3	.04	20	.7	.10	3.8
A 5319	.44	42.44	20.07	113.6	23	55.9	22.5	1437	5.08	22.1	.9	<.2	6.5	28.4	.06	.94	.23	17	1.32	.021	15.4	28.3	1.44	42.4	.002	1	2.73	.025	.22	<.2	.05	9	.3	.04	6.9
A 5088	1.53	7.83	7.96	17.2	47	4.3	.8	42	.74	299.0	.6	6.7	6.2	3.8	.38	.78	.06	3	.02	.011	10.5	12.0	.01	16.1	<.001	1	.21	.005	.08	9.4	.02	7	.1	<.02	.5
A 5407	.46	50.04	28.21	118.0	86	49.8	19.5	626	4.90	12.7	1.2	.2	9.1	37.2	.08	.58	.53	21	.47	.035	16.4	46.5	1.24	47.8	.002	1	2.92	.042	.21	<.2	.05	5	.3	.09	7.7
A 5131	1.70	5.56	1.76	17.0	123	7.9	2.7	198	1.25	7.7	.5	.2	6.7	17.7	<.01	.24	.06	6	.37	.021	9.6	23.1	.23	8.5	.001	<1	.39	.015	.04	11.0	.04	5	.1	.07	1.5
06	.41	48.91	26.73	119.0	83	50.7	20.8	1563	5.31	14.0	1.4	.5	9.0	66.2	.11	.70	.46	22	1.66	.036	13.3	40.8	1.43	42.4	.002	1	2.54	.032	.17	<.2	.05	10	.3	.09	7.1
085	1.71	42.63	28.00	115.0	129	33.1	12.8	195	2.55	174.2	1.6	2.0	10.8	21.8	.38	1.54	.29	9	.06	.056	16.8	15.7	.02	33.3	<.001	1	.39	.008	.15	8.7	.05	26	.4	.08	1.1
A 5436	.29	45.18	22.59	114.8	68	48.6	16.5	979	4.58	11.7	1.1	.4	6.5	87.1	.12	.48	.40	18	3.81	.050	10.5	41.5	1.28	42.2	.002	1	2.92	.039	.20	<.2	.05	5	.4	.08	7.6
A 5130	1.98	6.06	2.78	13.4	18	7.0	2.9	311	1.11	6.6	.5	1.6	5.4	22.3	.01	.29	.07	4	.59	.039	8.1	16.6	.21	9.0	.001	<1	.29	.014	.05	11.8	<.02	<5	.2	<.02	1.1
A 5408	.40	44.85	22.79	126.4	73	52.6	22.1	835	5.34	10.6	.9	.4	8.5	37.6	.06	.44	.48	23	.63	.036	15.5	50.7	1.40	44.6	.002	1	3.24	.039	.20	<.2	.04	7	.3	.10	8.6
A 5278	1.10	46.03	17.71	84.6	64	41.9	19.4	1083	3.98	49.7	.8	2.4	7.9	70.8	.05	1.77	.45	12	1.63	.024	20.3	27.5	.87	37.4	.002	2	2.12	.012	.22	3.8	.04	9	.4	.10	5.1
A 5405	.32	46.06	26.93	116.1	80	48.3	19.9	1507	5.22	11.3	1.1	.2	8.3	53.9	.10	.61	.44	22	1.57	.041	15.0	41.7	1.46	43.8	.002	1	2.94	.038	.20	<.2	.04	6	.3	.08	7.8
A 5313	.43	43.03	20.02	74.3	34	33.8	16.0	1334	3.65	42.1	.8	<.2	6.3	38.9	.05	2.02	.52	9	2.77	.017	10.1	18.7	1.05	38.1	.001	1	1.46	.019	.20	<.2	.04	13	.5	.08	3.7
STANDARD DS2	14.08	129.49	30.36	167.0	268	37.6	12.4	828	3.13	59.9	20.2	194.0	3.4	29.5	11.13	9.29	11.00	82	.54	.090	17.2	177.9	.60	141.8	.115	2	1.75	.030	.16	7.3	1.84	236	2.5	1.86	5.9

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

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

Data *FA*



SAMPLE#	Cs ppm	Ge ppm	Nb ppm	Rb ppm	Sc ppm	Sn ppm	S %	Zr ppm	Y ppm	Ce ppm	In ppm	Re ppb	Li ppm
A 5309	1.03	<.1	.04	9.0	2.1	.6	.27	6.0	4.04	19.6	.03	2	47.5
A 5334	.24	<.1	<.02	2.4	.3	.2	.13	3.7	.73	10.8	.03	<1	1.2
A 5090	.25	<.1	<.02	2.9	.7	.2	.02	3.4	1.12	13.6	<.02	<1	1.0
A 5344	1.68	<.1	.03	9.3	1.6	.3	.12	6.4	2.76	25.3	.02	<1	39.2
A 5434	1.70	<.1	.09	8.0	2.5	.2	.50	6.1	5.18	8.7	.03	<1	53.0
A 5089	.35	<.1	<.02	3.3	.6	.3	.01	4.5	1.40	17.5	<.02	1	1.1
A 5409	1.65	<.1	.04	8.7	2.1	.3	.18	7.4	3.06	25.0	.03	<1	77.7
A 5029	.42	<.1	<.02	3.1	.5	.2	.05	5.0	.78	14.0	<.02	<1	.6
A 5276	1.46	<.1	.04	10.1	2.4	.3	.04	5.1	3.27	48.3	.02	<1	47.3
A 5312	.98	<.1	.03	7.1	2.4	.2	.65	5.9	2.94	10.4	.03	3	42.3
A 5411	1.86	<.1	.04	8.8	2.5	.3	.16	6.1	3.52	28.2	.03	1	76.8
A 5203	2.02	<.1	.06	7.8	2.5	.2	.17	6.1	3.52	27.8	.03	1	70.1
A 5220	2.10	<.1	.04	7.6	2.4	.3	.09	7.2	3.43	35.0	.02	<1	97.6
RE A 5220	2.12	<.1	.04	7.1	2.3	.4	.09	7.6	3.25	32.1	.03	<1	96.1
RRE A 5220	2.22	<.1	.11	6.8	2.4	.3	.08	7.8	3.35	35.0	.03	1	95.4
A 5086	.55	<.1	<.02	4.0	1.1	.4	.01	4.7	1.91	20.6	.02	<1	5.8
A 5099	.47	<.1	.02	3.8	1.0	.3	.01	5.0	1.16	17.1	.03	<1	1.3
A 5027	.43	<.1	<.02	3.8	.4	.4	.17	3.3	.72	12.8	.03	<1	.3
A 5277	1.04	<.1	.04	7.5	1.8	.2	<.01	5.7	4.44	51.3	.03	<1	53.8
A 5316	1.25	<.1	.06	8.6	2.4	.2	.02	4.4	3.92	40.9	.02	<1	72.6
A 5438	2.11	<.1	.09	9.8	2.7	.3	.23	6.3	3.82	25.6	.03	2	72.5
A 5310	.90	<.1	.04	8.5	2.8	.1	.89	5.8	5.92	8.8	.03	3	41.7
RE A 5310	.88	<.1	.03	8.2	2.7	.2	.87	5.9	5.86	8.3	.03	2	41.9
RRE A 5310	.87	<.1	.03	7.3	2.7	.2	.83	5.8	5.80	8.4	.03	2	40.9
A 5319	1.28	<.1	.05	8.2	2.4	.2	.14	4.3	2.63	23.3	.03	2	85.3
A 5088	.39	<.1	<.02	3.4	.7	.2	<.01	4.9	1.30	19.2	<.02	<1	2.4
A 5407	1.67	<.1	.09	9.1	2.2	.3	.19	6.8	2.96	25.2	.03	<1	76.5
A 5131	.33	<.1	.03	2.0	.5	<.1	.01	2.6	1.17	17.2	<.02	<1	10.0
A 5406	1.60	<.1	.06	7.6	2.9	.3	.17	6.3	3.38	21.5	.03	2	69.8
A 5085	.78	<.1	<.02	6.0	1.7	.3	.01	7.5	3.37	29.4	.02	<1	1.6
A 5436	1.83	<.1	.07	8.3	2.8	.2	.25	5.1	3.68	16.3	.03	2	74.5
A 5130	.30	<.1	<.02	2.2	.6	.2	.02	3.1	1.75	15.5	<.02	<1	6.5
A 5408	1.40	<.1	.12	8.4	2.5	.2	.18	6.0	2.69	24.0	.03	<1	89.8
A 5278	1.11	<.1	.06	7.3	1.8	.2	.07	8.0	5.56	32.7	.02	<1	55.6
A 5405	1.43	<.1	.09	8.2	2.7	.3	.14	6.3	3.07	22.9	.03	2	79.3
A 5313	.97	<.1	.03	8.4	2.4	.2	.33	5.3	3.08	15.9	.03	2	40.9
STANDARD DS2	2.82	<.1	2.16	14.9	3.2	23.1	.01	4.1	8.00	29.9	5.30	2	13.4

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



ACME ANALYTICAL



ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm
A 5342	2.34	7.61	12.58	131.9	46	16.4	6.7	366	1.60	17.5	.7	3.3	8.1	6.3	3.18	.58	.13	5	.08	.015	9.0	24.1	.22	19.2<	.001	1	.36	.009	.10	5.7	.03	<5	<.1	<.02	1.1
A 5306	.49	42.61	11.08	87.0	40	43.6	26.1	1393	4.53	32.1	.9	<.2	6.7	54.2	.05	2.41	.60	11	2.98	.022	8.7	23.6	1.45	36.9	.001	2	1.68	.016	.21	.3	.06	10	.4	.12	4.4
A 5096	2.66	5.99	5.27	10.8	44	7.5	1.3	54	.58	183.3	.5	25.1	3.5	9.1	.09	.64	.09	<2	.04	.023	6.7	19.8	.01	12.9<	.001	1	.15	.003	.06	7.5	.02	7	.1	<.02	.3
RE A 5096	2.73	6.31	5.86	11.2	46	7.9	1.4	58	.61	189.6	.5	28.1	3.6	9.6	.09	.67	.09	2	.04	.025	7.3	18.8	.01	13.5<	.001	1	.16	.004	.06	8.3	.02	10	<.1	<.02	.4
RRE A 5096	1.78	5.59	5.64	12.3	46	4.4	1.4	57	.66	203.5	.5	27.7	3.6	9.5	.09	.66	.08	<2	.03	.024	7.8	23.0	.01	14.0<	.001	1	.17	.004	.06	10.2	.02	10	<.1	<.02	.4
A 5216	.68	42.68	23.80	122.4	54	54.3	20.9	638	4.82	24.9	.9	.9	6.8	32.9	.06	.49	.69	19	.57	.048	19.4	46.4	1.19	34.8	.002	1	2.96	.044	.19	.7	.04	11	.3	.08	8.2
A 5300	.60	52.53	12.65	90.5	35	39.0	17.1	886	3.64	18.9	1.0	.3	7.2	30.4	.18	1.82	.68	10	1.76	.076	14.7	26.6	.78	40.8	.001	2	1.53	.019	.23	.3	.05	9	.3	.10	3.9
A 5343	1.38	39.74	8.23	261.7	64	42.6	18.1	646	4.97	38.9	1.4	.9	11.7	22.6	4.13	.66	.29	8	.26	.043	15.6	20.9	1.19	37.5	.001	1	.69	.012	.20	2.2	.05	<5	.1	.03	2.1
A 5315	.24	45.92	18.74	103.1	27	44.4	17.6	1558	4.85	7.3	1.0	<.2	8.2	35.7	.06	.28	.47	16	1.79	.045	29.3	30.2	1.43	46.0	.002	1	2.62	.026	.25	.3	.04	<5	.3	.05	6.9
A 771	3.44	29.91	24.86	55.8	79	15.6	4.2	476	1.25	90.1	.4	16.3	4.9	15.0	.50	.55	.13	2	.60	.042	6.3	25.0	.05	13.6<	.001	1	.18	.016	.09	9.3	.02	<5	.1	<.02	.5
A 5129	1.79	4.61	2.60	17.1	18	7.5	3.0	234	1.08	26.0	.5	11.7	5.9	16.3	.02	.42	.05	5	.29	.018	9.5	21.1	.17	8.4	.001	1	.31	.015	.04	9.2	<.02	<5	.1	<.02	1.2
A 5401	.77	54.64	33.35	106.0	85	52.3	28.8	1012	4.95	19.6	1.5	.4	8.5	42.8	.08	1.51	.70	20	.98	.124	13.9	47.0	1.30	43.7	.002	1	2.85	.042	.21	.3	.04	<5	.4	.12	7.9
A 5311	.45	39.64	13.23	63.1	24	27.7	12.3	635	2.84	64.9	.8	<.2	8.3	20.9	.06	1.85	.34	8	1.28	.021	15.4	17.7	.62	39.0	.001	1	1.20	.018	.22	.3	.04	10	.2	.03	2.9
A 5042	1.76	78.88	29.53	270.6	177	50.5	25.7	1109	3.46	98.2	1.4	8.0	10.8	50.7	.53	2.12	.31	9	.03	.028	22.3	18.9	.04	49.2<	.001	2	.41	.009	.19	3.4	.05	22	.2	.07	1.4
A 5340	1.64	10.41	6.33	198.1	40	18.6	6.2	351	1.77	26.6	.7	5.4	6.3	6.5	7.09	.89	.07	4	.07	.021	6.5	18.4	.26	19.5<	.001	1	.44	.008	.11	8.6	.03	<5	.1	<.02	1.4
A 5433	.47	48.01	37.91	110.0	91	49.1	23.2	872	4.65	22.1	1.1	<.2	6.5	71.0	.09	.86	.82	17	1.69	.033	9.3	38.0	1.27	48.0	.002	1	2.57	.039	.20	.2	.05	<5	.4	.13	7.0
A 5403	.38	47.88	19.58	125.2	57	53.4	21.2	1298	5.40	11.2	1.1	<.2	7.6	40.5	.12	.44	.45	22	1.29	.034	13.1	44.5	1.44	39.2	.003	1	3.07	.034	.18	.3	.04	<5	.2	.06	8.6
A 5083	2.45	12.01	40.79	45.1	145	10.1	2.1	115	1.50	109.7	.7	6.4	10.0	6.1	.07	.75	.12	5	.01	.016	14.0	23.9	.01	21.1<	.001	1	.26	.005	.11	6.8	.03	26	.1	<.02	.7
A 5272	2.13	11.33	2.95	15.7	28	10.9	3.8	894	1.38	81.3	.4	3.0	5.3	66.1	.06	.49	.02	3	1.93	.008	6.1	22.5	.20	10.6<	.001	1	.24	.012	.06	9.2	<.02	<5	.2	<.02	.8
A 5341	3.59	7.34	40.72	80.4	89	14.6	3.9	281	1.16	12.2	.4	2.3	4.2	4.4	2.45	.28	.09	2	.04	.009	4.2	29.4	.11	9.0<	.001	1	.13	.003	.06	10.4	.02	<5	<.1	<.02	.4
A 5435	.38	48.18	21.81	107.6	71	48.7	20.8	964	4.61	18.0	1.0	6.6	7.3	79.0	.08	.51	.48	18	2.60	.035	11.0	45.0	1.29	41.1	.002	1	2.73	.037	.20	.3	.05	<5	.3	.05	7.3
A 5296	1.74	53.65	34.47	92.1	85	61.1	47.4	1018	4.95	84.9	1.0	1.8	6.5	65.8	.09	7.66	.72	11	2.75	.024	4.8	27.8	1.14	35.2	.001	1	1.81	.016	.21	.5	.06	25	.6	.15	4.8
A 5097	1.44	13.10	7.55	34.3	54	7.1	2.7	66	1.33	193.5	.7	10.0	7.6	8.3	.57	.72	.11	4	.01	.020	11.6	13.1	.01	22.1<	.001	1	.26	.006	.10	7.3	.02	13	.1	.02	.6
A 5275	.87	51.53	26.44	96.4	67	44.2	16.7	735	4.27	24.8	.8	.9	8.5	30.6	.05	1.03	.62	14	.72	.022	26.4	31.4	1.03	42.7	.001	2	2.20	.017	.24	1.2	.04	<5	.2	.08	5.6
A 5084	2.11	36.28	19.99	57.8	79	12.1	1.7	54	2.40	85.6	.8	3.6	6.2	326.8	.10	1.46	.15	34	.03	.058	13.3	39.0	.01	54.9	.003	<1	.43	.005	.07	8.3	.07	40	.2	.11	1.5
A 5274	3.18	34.12	13.91	69.3	51	36.4	11.6	1370	3.95	194.4	.8	7.1	6.4	157.2	.10	1.18	.14	18	3.34	.063	13.2	41.3	.50	158.2	.075	2	1.41	.154	.32	4.3	.05	8	.4	.02	3.9
RE A 5274	2.94	31.47	12.63	65.3	51	34.1	10.7	1293	3.73	182.0	.7	12.0	5.7	145.6	.11	1.10	.13	17	3.13	.059	11.1	36.0	.47	148.0	.068	2	1.30	.143	.29	4.1	.04	5	.4	.03	3.5
RRE A 5274	2.71	28.91	10.21	61.8	44	32.7	9.9	1274	3.59	172.9	.7	6.1	5.5	145.2	.09	1.04	.12	16	3.03	.058	12.1	35.0	.46	140.2	.068	1	1.24	.140	.27	3.9	.04	5	.4	.02	3.2
37	.37	45.25	29.27	116.6	61	49.9	21.0	892	4.88	15.5	1.1	.5	7.5	60.2	.11	.43	.67	18	2.13	.035	11.4	41.9	1.35	38.2	.002	1	2.84	.037	.18	<.2	.04	<5	.3	.10	7.7
532	2.58	16.83	44.09	58.0	67	10.5	2.9	164	.91	173.0	.5	6.0	5.4	5.7	1.65	.42	.10	3	.03	.009	5.5	23.9	.04	12.4<	.001	1	.18	.003	.08	7.5	.03	<5	<.1	<.02	.5
A 5087	1.75	26.28	12.38	31.4	1433	9.1	2.9	59	.86	238.7	.6	16.5	6.2	7.6	.53	.96	.10	3	.02	.014	10.6	21.5	.01	18.3<	.001	1	.19	.006	.08	38.5	.02	6	.1	.02	.5
A 5297	.63	47.90	11.00	89.8	37	42.7	19.3	1260	4.48	25.6	1.0	.3	6.5	41.5	.08	2.24	.54	12	2.75	.024	12.3	25.8	1.07	41.6	.001	1	1.79	.016	.23	.4	.05	10	.3	.07	4.5
A 5280	.50	42.10	3.64	80.0	101	32.5	11.0	1070	3.48	49.6	.8	2.3	7.7	27.6	.09	1.33	.40	8	2.65	.027	26.3	18.2	.53	38.8	.001	1	1.21	.009	.25	1.1	.07	5	.2	.04	2.9
A 5273	2.97	5.32	2.30	27.8	41	13.2	3.2	1189	1.89	137.2	.3	3.7	4.6	150.0	.07	.45	<.02	3	4.29	.008	6.0	22.4	.21	8.9	.001	<1	.34	.008	.05	9.3	<.02	<5	.3	<.02	1.1
A 5330	1.86	10.90	4.53	32.7	20	6.4	2.3	204	.82	36.8	.7	.4	5.9	3.6	.92	.25	.04	2	.03	.006	6.5	21.0	.04	8.6<	.001	1	.15	.003	.05	10.8	<.02	<5	<.1	<.02	.4
A 5082	2.89	9.62	16.69	26.5	55	15.8	2.3	176	1.08	117.4	.6	7.9	6.4	12.6	.52	.54	.05	3	.02	.013	10.2	24.2	.01	16.2<	.001	1	.25	.003	.06	8.0	.02	11	<.1	<.02	.5
STANDARD DS2	14.51	132.88	30.96	169.2	256	38.1	13.3	853	3.26	60.8	21.7	208.7	3.7	30.9	11.56	9.80	11.40	84	.56	.088	18.0	181.1	.62	148.7	.118	2	1.83	.034	.17	7.8	1.90	255	2.7	1.86	6.3

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

SAMPLE#	Cs ppm	Ge ppm	Nb ppm	Rb ppm	Sc ppm	Sn ppm	S %	Zr ppm	Y ppm	Ce ppm	In ppm	Re ppb	Li ppm
A 5342	.67	<.1	<.02	4.0	.7	.3	.13	3.4	1.25	14.5	<.02	<1	6.3
A 5306	1.06	<.1	.04	8.0	2.7	.2	.51	5.5	3.64	12.7	.03	<1	48.0
A 5096	.24	<.1	<.02	2.4	.5	.3	.02	2.9	.96	11.9	<.02	<1	.8
RE A 5096	.25	<.1	<.02	2.5	.6	.3	.02	3.0	.95	12.8	<.02	<1	1.0
RRE A 5096	.25	<.1	<.02	2.7	.6	.2	.01	3.3	1.02	13.2	<.02	<1	.9
A 5216	2.33	<.1	.03	7.1	2.3	.3	.17	8.1	3.46	25.9	.03	<1	80.4
A 5300	1.14	<.1	.05	8.6	2.5	.2	.18	6.0	4.58	22.0	.03	2	41.0
A 5343	1.21	<.1	<.02	7.9	1.8	.3	.09	7.1	2.94	22.7	.02	<1	14.9
A 5315	1.15	<.1	.06	8.3	2.6	.2	.02	4.7	3.68	39.5	.03	<1	78.7
A 5271	.35	<.1	<.02	3.5	.8	.3	.22	5.6	2.65	10.3	<.02	<1	2.5
A 5129	.33	<.1	<.02	1.9	.5	.2	.02	2.8	1.26	15.8	<.02	<1	6.5
A 5401	1.78	<.1	.04	8.6	2.5	.3	.35	7.8	5.42	21.4	.03	<1	80.5
A 5311	.98	<.1	<.02	7.8	1.6	.2	.22	5.3	2.95	21.0	.02	1	30.9
A 5042	1.41	<.1	<.02	7.5	2.1	.3	.01	11.6	3.87	34.3	.03	1	3.8
A 5340	.79	<.1	<.02	4.3	.6	.2	.22	4.1	1.24	10.3	<.02	<1	9.3
A 5433	2.08	<.1	.02	7.9	2.4	.2	.60	5.7	3.09	13.3	.02	1	65.0
A 5403	1.40	<.1	.05	7.0	2.9	.2	.18	6.2	2.96	19.6	.03	<1	84.4
A 5083	.47	<.1	<.02	4.0	.8	.3	.01	5.8	1.41	22.9	<.02	<1	.9
A 5272	.37	<.1	<.02	2.8	.9	.1	.13	3.6	3.16	10.8	<.02	<1	5.3
A 5341	.36	<.1	<.02	2.4	.4	.3	.15	3.3	.77	7.0	<.02	<1	.9
A 5435	2.07	<.1	.03	7.6	2.5	.2	.33	5.4	3.55	15.9	.03	<1	70.0
A 5296	1.23	<.1	.02	8.2	2.6	.2	1.28	7.2	3.66	7.5	.03	5	49.4
A 5097	.44	<.1	<.02	3.6	1.1	.2	.02	5.3	1.17	18.1	<.02	<1	1.0
A 5275	1.10	<.1	.02	7.8	2.0	.2	.03	5.7	2.83	36.6	.02	<1	57.7
A 5084	.53	<.1	.03	3.0	1.6	.3	.03	12.6	4.28	22.2	.02	<1	1.4
A 5274	1.64	<.1	.48	11.2	3.1	.4	.07	13.7	10.07	21.2	.03	<1	17.1
RE A 5274	1.53	<.1	.46	10.3	2.9	.4	.07	12.9	9.34	18.1	.03	<1	15.4
RRE A 5274	1.42	<.1	.49	9.1	2.7	.4	.06	12.5	8.79	17.3	.02	1	15.4
A 5437	1.99	<.1	.04	6.9	2.6	.2	.33	6.6	3.25	16.0	.03	1	79.1
A 5332	.29	<.1	<.02	3.1	.3	.3	.13	3.9	.72	9.2	.03	<1	.9
A 5087	.43	<.1	<.02	3.1	.6	.3	<.01	5.0	1.29	17.8	<.02	<1	1.1
A 5297	1.05	<.1	.03	8.2	3.1	.3	.16	6.6	3.95	18.4	.03	<1	48.4
A 5280	1.04	<.1	.02	8.5	2.8	.2	.01	6.1	4.05	38.7	.02	<1	22.6
A 5273	.30	<.1	<.02	2.2	1.3	.2	.02	2.4	6.89	10.3	<.02	<1	8.0
A 5330	.23	<.1	<.02	2.2	.3	.2	.04	4.4	.67	11.0	.02	<1	.7
A 5082	.28	<.1	<.02	2.7	.5	.2	.02	4.3	1.10	16.9	<.02	<1	1.0
STANDARD DS2	2.93	<.1	2.07	14.1	3.2	24.1	.02	4.1	8.38	28.8	5.75	<1	13.6

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



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm
A 5127	1.23	6.41	3.34	23.6	34	10.9	4.1	266	1.04	58.0	.5	4.3	3.2	5.0	.07	.43	.07	4	.10	.018	6.8	17.2	.06	12.3<	.001	1	.22	.017	.04	4.9	<.02	<5	.1	<.02	.7
A 5402	.37	52.93	20.50	123.4	69	52.2	20.4	561	4.95	12.7	1.2	<.2	10.9	27.7	.08	.38	.41	21	.29	.063	25.8	46.9	1.28	45.1	.002	1	3.05	.047	.21	.2	.04	5	.3	.07	8.3
A 5041	.82	52.20	31.70	218.9	137	43.2	20.0	1164	4.06	39.1	1.3	1.9	11.3	17.5	.42	1.12	.36	11	.15	.068	22.5	22.6	.26	39.9	.001	2	.90	.009	.19	2.2	.04	8	.3	.06	2.6
A 5305	.55	53.07	15.05	103.7	41	41.1	20.2	1140	4.04	23.0	1.2	<.2	7.5	59.8	.11	1.67	.52	11	2.76	.061	10.8	30.3	1.29	38.5	.002	2	1.74	.017	.23	.4	.04	13	.4	.08	4.4
A 5095	.96	5.84	13.61	18.4	83	4.7	1.2	39	.83	613.7	.4	54.1	8.4	9.9	.21	1.20	.12	3	.01	.019	13.8	16.9	.01	18.7<	.001	1	.22	.004	.09	4.1	.05	19	.2	.05	.6
A 5337	.38	8.76	4.98	104.4	29	15.0	7.5	430	1.46	14.5	.7	3.4	7.6	19.9	2.64	.50	.17	5	.34	.051	9.6	17.5	.30	21.6	.001	1	.47	.010	.12	3.4	.03	<5	.2	.02	1.5
A 5404	.46	56.55	24.00	118.3	67	49.5	19.2	972	4.98	11.8	1.2	.2	10.0	39.5	.10	.57	.44	22	1.01	.048	22.3	49.2	1.31	55.7	.003	1	2.97	.041	.21	.2	.04	<5	.3	.07	8.3
A 5128	.49	5.70	6.94	20.7	39	9.0	4.3	301	1.06	43.7	.6	2.2	5.6	4.9	.05	.39	.10	4	.08	.019	10.0	10.5	.07	10.3<	.001	<1	.27	.015	.05	4.7	<.02	<5	.1	<.02	1.0
A 5222	.58	53.72	23.77	116.7	65	52.7	24.3	777	4.88	18.3	1.6	<.2	10.3	29.3	.06	.90	1.02	21	.42	.039	27.5	48.3	1.29	47.9	.002	1	3.09	.051	.20	<.2	.04	11	.3	.17	8.6
A 5352	.35	47.36	15.52	117.4	84	48.0	19.3	623	5.32	35.1	1.4	1.1	12.3	24.2	.04	.64	.43	12	.20	.042	22.6	17.2	1.02	39.1	.001	1	.53	.013	.21	.4	.07	<5	.2	.08	2.6
RE A 5352	.33	45.87	14.73	116.2	84	47.6	19.5	618	5.30	33.6	1.4	1.7	12.4	24.0	.05	.65	.43	13	.20	.041	22.7	23.9	1.01	38.8<	.001	1	.52	.013	.20	.3	.07	5	.2	.06	2.5
RRE A 5352	.33	45.94	14.76	116.8	83	46.8	18.7	622	5.32	33.3	1.3	1.7	12.6	23.7	.05	.68	.42	12	.20	.040	20.7	18.0	1.02	36.5<	.001	1	.47	.012	.19	.2	.07	6	.2	.06	2.4
A 5329	.96	8.25	6.45	38.8	29	5.5	1.4	141	.76	158.3	.4	.7	4.3	7.3	.65	.35	.04	2	.02	.008	7.0	15.7	.03	9.5<	.001	1	.17	.003	.05	4.2	<.02	<5	.1	<.02	.4
A 5094	1.16	7.80	4.89	11.7	68	6.2	1.1	40	.69	701.6	.3	56.3	4.2	6.5	.22	1.11	.03	3	<.01	.006	8.6	16.7	.01	18.1<	.001	1	.20	.004	.10	5.2	.04	35	.1	<.02	.5
A 5069	.40	5.69	9.19	17.5	36	5.0	1.4	51	.68	187.4	.6	8.6	6.0	7.5	.12	.71	.06	2	.01	.009	10.4	15.7	.01	15.3<	.001	1	.20	.004	.07	4.6	.02	23	<.1	<.02	.5
A 5081	1.04	11.74	11.96	23.0	64	13.8	2.5	50	.89	330.7	.8	34.0	7.0	11.3	.27	.88	.07	3	.09	.047	9.6	18.3	.01	18.5	.001	1	.32	.004	.09	4.4	.03	9	.1	.02	.6
A 5351	.44	44.62	21.03	106.3	74	46.8	16.8	526	4.50	33.4	1.4	8.7	11.7	23.0	.05	.48	.36	11	.26	.037	20.9	19.0	.99	40.5	.001	1	.63	.011	.20	.6	.07	<5	.2	.05	2.6
A 5331	1.18	9.00	9.57	37.6	40	8.9	2.8	255	.93	31.3	.6	1.7	4.7	5.4	1.86	.24	.08	2	.02	.009	5.9	10.5	.05	8.6<	.001	<1	.16	.002	.05	5.1	.04	<5	.2	.04	.5
A 5384	.57	51.31	20.38	132.1	161	58.2	24.6	840	5.70	37.6	1.6	2.7	11.7	37.8	.10	.73	.69	20	.66	.085	13.8	41.5	1.56	40.4	.003	1	3.10	.028	.18	1.5	.04	<5	.3	.14	8.7
A 5421	.66	47.90	26.07	121.6	65	51.0	18.6	1226	5.19	8.6	1.1	.6	8.5	78.4	.10	.43	.43	21	1.54	.051	17.8	45.4	1.44	122.2	.003	1	2.82	.036	.17	.4	.04	<5	.3	.07	7.9
A 5126	.73	9.37	6.60	23.5	63	11.9	5.9	217	1.20	42.0	.6	7.7	4.4	6.7	.05	.61	.18	5	.17	.034	8.7	13.4	.12	12.7	.001	1	.36	.014	.06	4.8	<.02	<5	.1	.03	1.3
A 5325	1.14	7.38	6.73	42.9	18	9.1	2.7	187	.79	43.5	.6	.6	5.3	4.0	2.30	.21	.04	3	.03	.012	7.3	14.8	.04	9.4<	.001	1	.18	.003	.06	4.6	.03	<5	.1	<.02	.5
A 5091	.46	5.44	9.59	10.8	62	3.1	.4	32	.69	293.4	.6	18.1	3.9	11.0	.33	.90	.04	5	.01	.018	8.1	17.4	<.01	13.0<	.001	<1	.15	.003	.06	5.6	.02	12	.2	<.02	.4
A 5037	.53	62.16	36.77	163.5	153	54.9	22.4	819	4.52	127.9	1.6	1.8	13.7	13.7	.10	1.24	.53	14	.11	.048	31.8	31.8	.86	50.9	.002	1	2.22	.009	.24	.8	.04	<5	.3	.09	6.0
RE A 5037	.54	62.58	37.82	171.9	154	57.9	23.7	858	4.76	135.0	1.6	1.4	14.1	14.3	.11	1.28	.56	14	.12	.050	30.6	30.6	.90	50.8	.002	1	2.30	.009	.24	.9	.04	6	.3	.09	6.0
RRE A 5037	.48	60.52	35.05	163.7	152	55.4	21.1	813	4.58	129.1	1.6	1.4	13.8	13.8	.11	1.23	.55	14	.11	.047	34.5	30.2	.88	51.6	.002	1	2.26	.009	.25	.8	.04	7	.2	.09	5.9
A 5326	.32	4.58	3.87	43.6	12	7.7	2.6	245	.92	24.0	.5	<.2	5.1	2.2	1.51	.19	.03	2	.02	.008	7.2	14.0	.03	8.2<	.001	1	.16	.002	.04	4.5	<.02	<5	.1	<.02	.5
A 5307	.16	45.59	3.69	84.3	17	34.1	10.2	1163	3.82	14.4	1.1	<.2	6.8	43.4	.06	.80	.39	10	2.56	.020	15.9	20.7	1.20	35.9	.001	1	1.64	.014	.21	.3	.03	<5	.3	.03	4.0
339	1.01	5.63	4.54	178.9	22	14.4	5.1	382	1.46	9.6	.5	.9	6.3	5.9	4.20	.13	.05	5	.10	.009	8.6	19.3	.27	13.2	.001	<1	.54	.011	.07	3.9	.02	<5	.1	<.02	1.7
124	.57	38.11	12.27	45.5	72	26.7	10.0	254	2.47	60.6	1.3	1.6	12.3	84.2	.04	.63	.42	12	1.60	.669	24.1	19.2	.38	41.0	.004	2	1.32	.015	.26	2.6	.04	<5	.2	.03	4.2
A 5221	.74	51.96	29.95	132.1	75	60.2	29.9	817	5.49	23.6	1.8	<.2	8.8	30.3	.07	1.14	1.31	23	.72	.163	21.7	48.1	1.44	32.5	.002	1	3.35	.047	.18	<.2	.05	13	.4	.25	9.3
A 5098	.39	9.72	12.30	30.6	66	7.6	2.7	53	1.00	250.4	.7	21.4	4.7	9.3	.21	.75	.06	4	.01	.014	10.7	9.5	.01	15.3<	.001	<1	.23	.004	.07	4.7	.02	14	.1	.02	.5
A 5295	.36	43.08	4.39	82.2	20	34.4	9.1	854	3.42	8.1	.8	.2	7.9	84.2	.05	.63	.59	9	3.09	.043	15.2	19.7	1.00	35.9	.002	1	1.67	.014	.22	.4	.03	<5	.3	.08	4.0
A 5327	.40	5.19	11.05	29.1	24	7.0	2.3	317	.96	16.2	.6	.9	6.3	2.9	1.44	.13	.04	3	.04	.010	6.6	11.0	.07	10.2<	.001	1	.16	.003	.06	4.9	.02	<5	.1	<.02	.4
A 5092	1.45	37.42	42.76	43.2	224	11.5	1.9	104	1.80	165.2	1.0	13.1	8.5	444.7	.14	1.45	.20	41	.06	.073	18.4	25.1	.04	86.7	.003	<1	.54	.015	.11	5.8	.09	15	.4	.08	2.2
A 5123	.35	11.04	4.41	25.6	27	13.1	5.3	354	1.52	53.5	.4	1.3	5.1	4.3	.02	.28	.06	8	.07	.012	11.8	16.4	.20	11.1	.001	<1	.56	.015	.05	4.1	<.02	<5	.1	<.02	2.2
STANDARD DS2	14.42	130.46	31.34	165.8	275	36.7	12.9	843	3.22	59.0	21.2	211.3	3.6	30.3	11.34	9.47	11.25	82	.56	.088	17.0	167.6	.61	145.7	.115	2	1.79	.032	.17	8.0	1.92	272	2.5	1.88	6.2

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



SAMPLE#	Cs ppm	Ge ppm	Nb ppm	Rb ppm	Sc ppm	Sn ppm	S %	Zr ppm	Y ppm	Ce ppm	In ppm	Re ppb	Li ppm
A 5127	.39	<.1	.02	2.0	.6	.3	<.01	2.2	1.28	14.4	<.02	<1	4.2
A 5402	1.98	<.1	.08	8.4	2.1	.3	.12	7.2	3.51	40.9	.03	<1	80.8
A 5041	1.50	<.1	.02	7.7	2.2	.3	.01	10.1	5.14	42.0	.03	<1	12.0
A 5305	1.07	<.1	.03	8.3	2.5	.3	.41	6.6	4.98	19.3	.03	2	46.6
A 5095	.37	<.1	<.02	3.6	.6	.2	.01	3.8	1.09	27.8	<.02	<1	.8
A 5337	.93	<.1	<.02	4.6	.6	.2	.07	3.6	1.89	18.6	<.02	<1	9.6
A 5404	1.68	<.1	.09	8.3	2.5	.3	.14	6.4	3.40	36.7	.03	<1	81.4
A 5128	.45	<.1	<.02	2.1	.6	.1	<.01	2.7	1.49	21.9	<.02	<1	4.7
A 5222	2.27	<.1	.04	7.5	2.7	.3	.18	7.7	3.28	41.1	.03	1	82.1
A 5352	1.54	<.1	.02	8.9	2.0	.3	.13	4.8	2.65	37.4	.02	<1	5.8
RE A 5352	1.50	<.1	.02	8.9	2.0	.3	.12	4.7	2.59	36.9	.02	<1	5.8
RRE A 5352	1.47	<.1	.02	8.1	2.0	.3	.13	4.9	2.49	33.0	.02	<1	5.5
A 5329	.18	<.1	<.02	2.1	.3	.2	.04	2.7	.51	11.9	.08	<1	1.2
A 5094	.35	<.1	<.02	4.1	.5	.3	.10	3.2	.69	17.1	<.02	<1	1.0
A 5069	.34	<.1	<.02	3.0	.4	.2	.01	3.7	.78	19.5	<.02	<1	1.1
A 5081	.42	<.1	<.02	3.7	.6	.2	.16	4.0	1.57	18.1	<.02	<1	1.1
A 5351	1.25	<.1	<.02	8.4	1.5	.3	.11	4.8	2.58	34.7	.02	1	9.3
A 5331	.20	<.1	.04	2.1	.3	.2	.07	3.3	.76	11.6	<.02	<1	.8
A 5384	1.85	<.1	.06	6.9	2.3	.3	.33	7.5	4.47	22.5	.03	<1	85.1
A 5421	1.68	<.1	.11	7.2	2.7	.3	.13	8.0	3.90	28.4	.03	<1	79.8
A 5126	.48	<.1	.02	2.4	.6	.1	.03	3.9	1.57	16.6	<.02	1	8.4
A 5325	.19	<.1	<.02	2.4	.3	.2	.07	3.4	.74	14.7	.02	1	1.0
A 5091	.22	<.1	.02	2.5	.9	.2	.01	2.8	1.32	15.2	<.02	1	.7
A 5037	1.65	<.1	.02	8.6	1.9	.3	<.01	10.6	3.73	53.6	.02	<1	37.2
RE A 5037	1.65	<.1	.02	8.1	1.9	.3	<.01	11.1	3.55	50.4	.02	<1	38.7
RRE A 5037	1.62	<.1	.04	8.2	1.9	.3	<.01	10.6	3.60	56.7	.02	1	39.0
A 5326	.21	<.1	<.02	1.9	.3	.1	.03	3.2	.74	13.1	<.02	<1	1.0
A 5307	.87	<.1	.06	7.3	2.6	.2	.14	5.3	3.46	25.0	.03	1	44.3
A 5339	.44	<.1	<.02	2.9	.6	.1	.04	2.2	.99	17.2	<.02	<1	14.8
A 5124	1.40	<.1	.02	9.9	1.4	.3	<.01	1.8	14.75	43.9	<.02	2	19.2
A 5221	2.04	<.1	.06	6.8	3.0	.3	.23	4.6	5.46	33.2	.03	1	98.0
A 5098	.55	<.1	<.02	2.9	1.0	.2	<.01	4.2	.94	18.7	<.02	<1	1.1
A 5295	.85	<.1	.06	7.2	2.4	.2	.06	5.3	4.30	24.6	.03	<1	46.7
A 5327	.35	<.1	<.02	2.5	.3	.1	.07	3.8	.87	11.9	<.02	<1	1.1
A 5092	1.36	<.1	.02	4.5	2.2	.7	.04	12.3	4.84	29.9	.04	1	4.5
A 5123	.44	<.1	.02	2.1	.9	.1	<.01	2.9	1.33	21.9	<.02	<1	14.6
STANDARD DS2	2.81	<.1	1.98	14.4	3.0	24.8	.02	4.1	8.38	31.4	5.72	<1	13.2

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



ACME ANALYTICAL



ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm
A 5338	3.20	6.69	2.46	91.4	20	11.8	2.8	149	.96	7.6	.3	.7	3.3	2.6	2.24	.16	.08	3	.03	.007	7.6	30.4	.12	8.7	<.001	2	.23	.008	.04	9.5	<.02	<.5	.1	<.02	.7
A 5308	.67	46.16	14.35	84.8	46	48.1	37.6	1292	4.78	69.3	.9	.5	5.8	47.2	.05	3.49	.84	11	2.78	.020	8.0	18.8	1.28	33.4	.001	2	1.67	.015	.19	.5	.06	14	.5	.19	4.4
A 5294	.65	47.34	3.41	80.2	13	28.9	7.6	780	3.02	7.8	.8	.4	8.1	52.5	.10	.83	.50	7	3.04	.021	17.4	14.3	.87	38.8	.001	2	1.35	.013	.23	.5	.05	6	.3	.08	3.4
A 5125	1.90	20.83	106.40	144.0	160	10.5	4.6	302	1.30	157.5	.5	13.1	4.3	14.0	.96	.71	.26	5	.30	.023	8.1	23.7	.15	9.1	.001	1	.35	.019	.05	10.7	.02	9	.3	.02	1.3
A 5219	.54	54.85	17.06	139.1	66	59.9	27.5	605	5.86	18.0	1.9	.7	11.4	27.5	.07	.92	.93	25	.40	.061	22.0	45.6	1.48	35.5	.002	2	3.55	.048	.19	.2	.05	8	.3	.14	9.6
A 5328	1.76	5.32	6.81	27.7	27	6.4	2.2	203	.90	77.8	.4	4.6	4.1	3.7	1.11	.28	.08	3	.03	.010	6.5	18.3	.05	8.5	<.001	1	.16	.003	.05	10.4	<.02	<.5	.2	.02	.4
A 5040	.81	54.01	27.65	336.9	198	58.4	28.2	1222	5.20	45.0	1.8	2.0	12.7	11.3	.46	1.72	.49	13	.07	.036	19.1	23.6	.55	44.4	.001	2	1.46	.010	.23	1.0	.05	8	.4	.10	4.0
A 5298	.61	45.82	18.01	89.2	48	46.7	29.6	1626	5.07	34.9	.9	5.9	6.4	60.0	.06	3.93	.58	12	3.58	.020	7.3	23.5	1.46	35.6	.002	2	1.78	.016	.21	.5	.05	15	.5	.12	4.7
A 5093	2.43	47.25	31.61	118.6	167	13.4	2.9	57	4.18	120.1	1.0	8.7	8.2	815.5	.09	5.14	.14	77	.06	.126	27.4	40.7	.01	141.3	.004	1	.81	.014	.10	5.0	.10	15	.2	.16	3.5
A 5383	.81	66.38	18.90	125.6	148	58.4	22.4	574	5.34	31.3	1.7	2.2	12.0	26.8	.06	1.61	.53	19	.23	.059	18.5	42.0	1.30	42.3	.002	2	2.88	.032	.21	1.5	.07	<.5	.3	.08	8.0
A 5423	.92	48.58	20.75	117.9	55	49.7	18.9	743	4.95	8.0	1.2	1.0	10.1	59.3	.08	.45	.47	22	1.10	.079	27.7	40.8	1.27	47.4	.003	1	2.98	.050	.22	.3	.06	<.5	.4	.10	8.4
A 5068	1.70	7.85	7.09	8.1	39	3.3	.8	39	.62	556.0	.5	37.9	6.0	5.2	.07	1.08	.07	2	.01	.010	9.3	17.2	.01	13.9	<.001	1	.19	.004	.07	9.9	.02	22	.1	.02	.4
A 5038	2.40	25.98	14.51	465.5	120	52.0	29.4	2927	4.58	178.8	2.2	5.4	7.0	16.0	.75	1.30	.16	7	.05	.025	13.6	19.4	.25	38.1	.001	1	.77	.008	.13	5.6	.04	<.5	.3	.03	2.1
RE A 5038	2.29	24.50	13.46	462.7	118	51.1	29.4	2909	4.55	177.9	2.1	3.6	6.5	15.9	.71	1.20	.14	7	.06	.025	12.7	20.6	.25	38.4	.001	1	.76	.007	.14	5.2	.04	5	.3	.02	2.0
RRE A 5038	1.81	26.84	14.58	483.3	149	50.5	30.2	3025	4.82	178.6	2.5	3.3	6.4	12.9	.82	1.33	.15	7	.05	.024	12.3	20.3	.25	35.8	.001	1	.74	.006	.12	8.3	.04	<.5	.3	.03	2.1
A 5336	2.99	7.05	3.75	84.7	15	20.5	5.5	279	1.59	10.6	.5	1.2	6.9	8.2	1.42	.13	.05	5	.10	.014	10.5	24.6	.27	18.2	.001	1	.60	.010	.10	8.2	.02	<.5	.2	<.02	1.9
A 5304	.32	44.81	4.76	69.8	22	25.4	6.8	1247	3.43	41.4	1.0	.3	8.4	28.5	.07	.85	.27	9	2.81	.020	21.7	9.8	.73	42.4	.001	2	1.30	.017	.22	.3	.04	<.5	.4	.03	3.4
A 5353	.78	59.81	27.43	123.3	101	50.4	21.4	604	5.14	37.1	1.6	1.7	12.0	50.2	.10	1.82	.47	14	.24	.058	20.7	12.4	1.05	45.2	<.001	2	.53	.014	.21	1.0	.06	<.5	.3	.10	2.1
A 5218	.49	56.08	16.18	126.8	50	55.3	24.9	472	5.32	17.8	2.0	.6	10.5	23.4	.06	.79	.57	22	.20	.045	21.4	41.2	1.34	34.7	.002	1	3.22	.046	.18	.2	.05	<.5	.3	.10	9.0
A 5067	2.68	9.01	13.14	26.4	31	8.3	1.3	52	1.19	71.9	.7	3.7	6.3	7.8	.04	.70	.15	2	.01	.022	10.2	17.8	.01	14.6	<.001	2	.20	.004	.07	8.6	.05	29	.1	.12	.5
A 5420	.67	47.04	29.90	111.1	78	49.3	24.0	775	4.76	12.3	1.3	.7	9.5	36.5	.07	.81	.59	20	.70	.059	20.1	38.4	1.22	36.8	.002	1	2.69	.039	.18	<.2	.05	<.5	.4	.11	7.5
A 5388	.30	43.25	16.49	91.5	28	37.4	14.1	1377	3.56	16.0	1.5	1.4	6.9	126.2	.08	1.58	.48	14	5.69	.098	8.7	26.6	.94	34.1	.002	1	2.12	.045	.18	<.2	.05	10	.5	.11	5.8
A 5166	1.05	54.99	24.89	120.3	96	54.8	23.6	825	5.39	29.3	1.6	1.0	12.0	33.7	.09	.65	.60	21	.55	.072	24.2	39.6	1.33	46.2	.002	1	2.88	.036	.19	1.4	.05	<.5	.3	.14	8.4
A 5036	.46	59.35	29.93	178.2	123	57.0	23.1	506	5.13	52.6	1.9	1.3	13.0	15.6	.12	1.39	.59	15	.13	.058	24.4	26.9	.98	51.4	.002	2	2.43	.010	.24	.5	.06	6	.4	.08	6.6
A 5335	1.34	3.84	3.02	72.3	16	21.2	8.4	319	1.92	16.6	1.3	2.4	15.2	5.9	2.69	.42	.13	6	.08	.010	15.8	15.6	.22	26.9	<.001	2	.42	.009	.15	5.8	.04	<.5	.1	.03	1.4
A 5165	.40	46.64	27.81	103.3	32	46.0	18.1	1858	4.74	18.7	1.2	.7	7.9	72.0	.09	1.56	.57	16	3.56	.023	12.4	30.0	1.42	35.1	.001	1	2.55	.044	.18	<.2	.05	10	.4	.11	7.0
A 5066	1.93	5.88	9.38	12.8	40	3.0	.6	43	.86	167.6	.4	23.3	6.3	4.5	.13	.69	.14	2	.01	.011	9.2	18.8	.01	12.5	<.001	1	.16	.004	.06	11.7	.02	13	.1	.02	.4
A 5217	.83	56.58	46.52	123.7	90	56.9	27.4	555	5.17	21.6	1.4	1.1	8.7	31.5	.06	.92	.70	21	.46	.058	16.4	40.3	1.26	40.9	.003	2	3.15	.050	.21	.4	.05	7	.5	.11	8.8
49	.82	52.74	20.07	261.4	80	53.5	20.6	474	4.71	51.3	2.0	2.2	14.3	13.0	4.24	1.54	.39	14	.13	.048	23.5	30.1	.92	44.7	.001	2	2.05	.010	.24	2.2	.06	<.5	.3	.06	5.5
87	.48	67.50	48.64	136.2	121	59.7	23.9	576	5.57	26.1	1.8	1.1	13.1	25.6	.07	.63	.77	24	.17	.055	29.7	46.2	1.38	50.7	.002	2	3.30	.046	.24	1.3	.06	<.5	.4	.12	9.5
A 5164	.20	52.46	9.98	98.4	19	43.8	12.5	984	4.33	7.2	.9	<.2	9.3	31.9	.05	.49	.25	16	1.23	.018	29.4	30.4	1.21	57.0	.002	2	2.51	.042	.20	<.2	.04	<.5	.3	.04	6.9
RE A 5164	.18	52.63	9.87	99.1	17	44.2	12.6	995	4.37	7.2	.9	.3	9.5	32.5	.05	.47	.24	17	1.24	.019	30.2	33.7	1.22	58.3	.002	1	2.54	.044	.20	<.2	.04	<.5	.3	.04	6.8
RRE A 5164	.21	53.38	10.70	96.8	19	43.4	12.4	962	4.26	7.3	.9	<.2	9.3	32.4	.03	.48	.27	17	1.20	.018	28.2	26.0	1.20	59.4	.001	1	2.52	.044	.21	<.2	.04	<.5	.2	.04	6.9
A 5065	1.97	7.86	9.48	16.9	32	5.1	1.5	85	1.09	120.8	.6	5.5	8.2	3.1	.05	.43	.07	2	.01	.009	10.3	19.0	.01	14.6	<.001	1	.18	.004	.07	12.2	.02	11	.1	<.02	.4
A 5299	.65	42.20	12.35	87.9	35	40.2	17.0	1241	4.44	20.4	.8	.3	6.1	49.9	.07	2.13	.44	11	2.73	.019	10.1	16.9	1.29	35.3	.001	1	1.67	.017	.21	.3	.05	6	.5	.09	4.4
A 5215	.56	62.02	59.10	124.8	89	54.3	20.1	504	4.98	6.7	1.9	.3	10.5	25.0	.07	.24	.54	20	.25	.054	28.8	39.8	1.27	38.8	.002	1	3.13	.053	.21	.3	.05	5	.4	.07	9.2
STANDARD DS2	14.20	132.28	31.08	166.8	260	38.2	13.1	839	3.22	58.4	20.2	194.2	3.5	30.7	11.76	10.50	11.41	83	.57	.091	17.3	178.2	.61	147.7	.117	4	1.80	.032	.17	7.5	1.86	249	2.7	1.88	6.1

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



SAMPLE#	Cs ppm	Ge ppm	Nb ppm	Rb ppm	Sc ppm	Sn ppm	S %	Zr ppm	Y ppm	Ce ppm	In ppm	Re ppb	Li ppm
A 5338	.40	<.1	.02	2.0	.3	.3	.01	2.0	.56	11.6	<.02	2	6.2
A 5308	.88	<.1	.05	7.6	2.6	.2	.54	5.7	3.45	12.3	.03	2	53.2
A 5294	.98	<.1	.04	9.0	2.3	.2	.08	5.6	3.63	28.0	.03	1	36.4
A 5125	.35	<.1	<.02	2.2	.8	.2	.09	3.9	1.65	13.2	.02	<1	8.0
A 5219	2.24	<.1	.07	8.1	2.6	.3	.22	7.9	3.53	31.4	.03	<1	108.0
A 5328	.21	<.1	<.02	2.2	.3	.2	.02	3.2	.68	10.4	.03	<1	.8
A 5040	1.33	<.1	.02	9.0	2.2	.3	.06	9.4	4.00	32.1	.02	1	23.0
A 5298	.93	<.1	.04	8.5	2.9	.2	.61	6.1	3.84	11.8	.03	1	51.9
A 5093	1.07	<.1	.03	4.8	5.0	1.0	.08	6.9	8.97	45.4	.04	1	2.8
A 5383	1.78	<.1	.06	9.3	1.8	.3	.37	6.4	3.18	29.9	.03	1	75.3
A 5423	1.97	<.1	.10	10.0	2.4	.3	.12	6.6	4.68	44.9	.03	<1	80.9
A 5068	.28	<.1	<.02	3.2	.3	.3	.02	3.5	.64	16.2	<.02	<1	1.0
A 5038	1.32	<.1	.02	5.6	1.5	.4	.01	9.8	3.94	23.5	<.02	1	12.9
RE A 5038	1.19	<.1	.02	5.3	1.4	.3	.02	9.0	3.71	22.5	.02	<1	12.5
RRE A 5038	1.30	<.1	.02	5.1	1.5	.3	.02	10.5	4.00	21.8	.02	<1	12.1
A 5336	.71	<.1	.02	4.5	.6	.3	.02	3.0	1.09	18.9	<.02	<1	15.3
A 5304	1.03	<.1	.03	9.1	2.6	.2	.06	6.2	4.22	34.4	.02	1	33.9
A 5353	2.17	<.1	.02	9.9	2.6	.4	.16	5.8	3.54	32.7	.03	<1	5.9
A 5218	2.43	<.1	.06	7.9	2.4	.3	.26	10.9	3.43	32.3	.02	<1	87.9
A 5067	.36	<.1	.04	2.9	.4	.2	.01	3.7	.97	16.9	<.02	<1	.9
A 5420	1.87	<.1	.05	7.9	2.2	.2	.15	7.5	3.59	31.2	.03	<1	71.9
A 5388	1.84	<.1	.06	8.0	2.7	.3	.33	6.7	6.34	15.6	.03	1	60.3
A 5166	1.68	<.1	.07	9.1	2.3	.3	.13	7.1	4.32	39.5	.03	1	82.3
A 5036	1.50	<.1	.04	9.9	1.9	.3	.06	9.1	3.43	39.5	.02	<1	43.9
A 5335	1.37	<.1	<.02	6.9	.7	.3	.06	6.9	1.49	25.5	<.02	<1	6.4
A 5165	1.75	<.1	.07	7.8	2.8	.2	.25	5.8	3.46	18.1	.03	2	76.0
A 5066	.32	<.1	<.02	2.8	.2	.2	.02	3.4	.74	15.1	<.02	<1	.5
A 5217	2.42	<.1	.07	8.9	2.4	.3	.36	9.8	3.64	25.5	.03	1	83.3
A 5349	1.40	<.1	.05	10.0	1.6	.4	.09	6.7	2.83	39.5	.02	<1	43.0
A 5387	1.86	<.1	.12	10.9	2.2	.4	.10	6.3	3.27	49.0	.03	<1	82.1
A 5164	2.09	<.1	.08	8.3	2.2	.2	.04	5.5	2.99	44.6	.02	<1	72.4
RE A 5164	2.04	<.1	.09	8.2	2.2	.2	.05	5.9	3.06	44.9	.02	1	73.1
RRE A 5164	2.01	<.1	.03	8.1	2.1	.2	.05	5.6	2.94	42.4	.02	1	72.7
A 5065	.31	<.1	<.02	3.1	.4	.2	.01	4.4	.60	17.6	<.02	<1	1.2
A 5299	.95	<.1	.05	8.6	2.5	.2	.35	5.5	3.45	15.1	.03	2	46.9
A 5215	2.63	<.1	.06	9.1	2.5	.3	.09	10.7	3.67	44.2	.03	<1	85.8
STANDARD DS2	2.71	<.1	1.93	14.7	3.2	23.9	.02	3.6	8.20	30.7	5.34	2	13.8

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



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm
A 5291	1.04	24.56	29.42	48.5	56	31.6	16.0	1288	2.85	26.1	.8	.3	5.2	496.8	.06	8.76	.36	5	18.43	.042	4.0	12.1	.57	23.4	.001	1	.71	.011	.13	.2	.04	21	1.1	.15	1.7
A 5063	.42	4.44	10.73	9.3	56	3.0	.5	32	.56	50.1	.3	8.5	4.0	6.5	.08	.62	.07	2	.05	.004	10.2	10.7	.01	15.3	<.001	1	.17	.008	.08	5.5	.02	5	.1	<.02	.4
A 5422	.62	53.81	23.46	126.8	70	52.3	22.1	720	5.22	9.4	1.3	.4	9.5	48.3	.06	.60	.56	21	.60	.053	18.2	47.9	1.35	39.4	.002	2	2.91	.038	.18	.2	.05	7	.1	.09	8.1
A 5350	.80	60.19	23.61	148.5	89	53.0	22.1	515	4.80	45.3	1.8	1.0	13.4	16.9	.97	1.25	.50	13	.18	.057	15.8	26.9	.91	41.0	.001	2	1.34	.011	.21	.7	.08	<5	.2	.12	4.1
A 5214	.63	57.39	17.62	138.7	44	58.9	23.1	563	5.52	11.4	2.0	.4	10.4	25.8	.06	.42	.69	23	.36	.087	25.0	48.1	1.42	34.9	.003	1	3.47	.052	.19	<.2	.05	7	.3	.10	10.1
A 5039	.44	42.86	19.23	399.9	101	61.6	27.8	1824	5.63	47.7	1.5	1.5	12.2	20.8	.17	.98	.38	16	.18	.083	24.3	35.2	.95	43.0	.002	1	2.34	.009	.21	.7	.04	7	.1	.08	6.2
A 5301	.67	47.85	8.58	100.7	32	40.5	14.1	1260	4.40	15.7	.9	.3	6.7	37.8	.14	1.72	.66	11	3.08	.038	10.4	22.3	.97	39.3	.001	1	1.56	.017	.22	<.2	.04	8	.4	.09	4.0
RE A 5301	.64	47.30	8.42	99.3	30	40.1	14.0	1236	4.31	14.9	.9	.3	6.8	37.7	.13	1.65	.64	12	3.03	.038	12.0	21.3	.95	41.0	.002	1	1.57	.018	.23	<.2	.04	8	.4	.06	3.9
RRE A 5301	.62	47.58	8.66	101.9	31	41.0	15.1	1264	4.40	16.5	.9	.5	6.3	37.9	.12	1.76	.68	12	3.10	.038	11.1	23.8	.96	39.7	.002	1	1.56	.016	.22	<.2	.04	8	.4	.07	4.0
A 5062	1.10	7.20	7.33	11.8	19	4.4	.6	34	.56	98.2	.4	4.0	3.4	10.0	.13	.76	.05	2	.02	.008	10.0	12.3	.01	16.0	<.001	1	.18	.004	.06	4.7	.02	<5	.1	<.02	.5
A 5419	.43	62.16	27.73	119.4	82	50.6	20.1	1049	5.12	12.2	1.1	7.9	8.4	47.3	.09	.43	.48	21	1.22	.048	14.4	47.0	1.34	39.2	.003	1	2.93	.038	.18	<.2	.05	<5	.2	.06	8.1
A 5292	.71	22.58	19.90	49.5	39	23.6	13.0	1378	2.29	17.3	.8	1.9	4.6	521.5	.07	4.72	.30	4	19.35	.050	4.5	12.7	.51	22.1	.001	<1	.61	.009	.12	.3	.03	13	.8	.12	1.5
A 5381	.29	60.53	18.60	128.2	68	54.1	20.2	671	5.15	23.1	1.4	<.2	11.3	24.7	.05	.51	.44	19	.33	.056	16.5	44.4	1.33	52.8	.002	1	2.90	.026	.20	.3	.08	<5	.2	.12	8.0
A 5161	.27	53.80	29.42	106.9	52	51.5	22.7	1152	4.52	11.1	1.0	1.0	8.8	35.8	.05	.23	.64	17	1.16	.043	24.9	31.7	1.26	41.1	.002	1	2.73	.041	.22	.3	.04	<5	.2	.09	7.2
A 5385	.56	52.93	25.89	114.4	93	55.5	26.1	830	5.27	29.4	1.7	2.2	10.8	47.7	.10	2.07	.56	19	1.07	.062	11.9	43.1	1.36	54.0	.002	1	2.71	.031	.18	1.2	.04	<5	.4	.14	7.6
A 5348	.43	52.58	18.94	219.3	88	54.4	21.7	512	5.06	46.3	1.9	1.2	14.6	14.0	3.43	.87	.43	15	.18	.070	17.8	34.3	1.08	42.6	.002	1	2.45	.010	.23	.3	.05	<5	.1	.06	6.4
A 5213	.39	59.24	14.51	112.4	47	52.6	17.5	399	4.58	2.6	1.8	.5	12.1	21.5	.06	.16	.32	19	.10	.037	35.7	46.2	1.19	34.8	.002	1	2.94	.052	.18	<.2	.04	<5	.1	.03	8.6
A 5417	.62	47.16	24.23	118.5	68	46.5	17.1	839	5.00	7.6	1.3	.5	10.4	41.5	.09	.41	.36	22	.94	.063	25.2	45.9	1.31	41.0	.003	1	2.98	.044	.20	<.2	.05	<5	.2	.06	8.3
RE A 5417	.61	46.58	23.81	117.8	64	46.7	17.1	840	5.01	7.7	1.3	.7	10.3	41.5	.10	.41	.34	22	.95	.062	24.5	46.7	1.32	40.7	.002	1	2.99	.043	.20	<.2	.04	5	.2	.05	8.2
RRE A 5417	.56	46.22	21.46	116.9	68	46.4	16.9	839	5.00	7.7	1.3	.5	10.2	39.7	.10	.38	.33	21	.93	.063	22.8	43.8	1.31	38.2	.003	1	2.92	.041	.18	<.2	.04	<5	.2	.07	8.2
A 5160	.21	62.63	20.66	106.9	44	51.8	22.3	1128	4.54	10.2	1.2	.5	10.3	28.7	.04	.13	.64	18	.82	.027	36.6	33.3	1.25	41.4	.002	1	2.77	.045	.22	<.2	.04	<5	.2	.13	7.4
A 5379	.39	61.26	29.03	137.9	106	56.7	22.4	686	5.28	31.7	1.7	.9	13.6	26.1	.11	1.02	.57	19	.42	.081	21.0	44.4	1.32	44.6	.003	1	2.94	.024	.22	.6	.05	<5	.1	.09	8.4
A 5061	1.16	5.64	9.32	9.5	29	4.8	.5	30	.41	69.7	.6	7.9	6.3	15.7	.07	.52	.10	2	.01	.008	9.8	16.6	.01	12.9	<.001	1	.18	.004	.05	5.5	.02	<5	<.1	<.02	.4
A 5302	.42	42.41	8.71	76.9	44	31.3	12.6	1707	4.30	19.4	1.0	.5	6.4	54.3	.06	1.55	.53	10	4.08	.021	9.7	20.6	1.23	36.6	.002	1	1.43	.016	.20	.2	.04	9	.3	.07	3.8
A 5347	.56	50.13	25.56	133.8	95	52.4	21.5	480	5.32	47.3	1.9	2.2	14.7	13.1	.51	.71	.49	17	.27	.059	16.2	41.1	1.13	46.9	.003	1	2.68	.009	.26	.7	.05	<5	.1	.06	6.8
A 5382	.41	64.23	29.06	128.9	104	55.3	22.2	621	5.16	27.2	1.6	.9	12.9	21.7	.06	1.34	.60	19	.23	.064	22.3	46.1	1.30	40.2	.003	1	2.91	.030	.20	.4	.05	<5	.2	.09	8.5
A 5416	.60	58.86	24.90	119.8	77	53.4	22.5	1638	5.62	16.5	1.3	.7	9.0	74.2	.11	.57	.50	24	2.00	.058	13.3	50.9	1.61	41.3	.003	1	3.13	.034	.18	.5	.04	6	.2	.07	9.0
A 5060	.47	6.57	8.85	15.4	63	3.3	.5	35	.69	231.7	.7	27.5	7.6	11.9	.15	1.38	.11	2	.01	.010	9.5	17.2	.01	13.5	<.001	<1	.17	.004	.06	5.6	.02	25	.1	.02	.4
52	.23	53.21	13.71	100.1	29	47.7	16.8	1584	4.44	7.7	1.0	1.1	8.2	57.4	.04	.17	.35	16	2.75	.088	28.2	33.7	1.29	39.3	.002	1	2.62	.043	.21	.2	.03	<5	.3	.06	7.1
503	.59	34.34	13.10	118.7	46	46.7	16.8	2030	6.12	57.6	1.3	.7	5.0	68.5	.07	2.58	.34	15	5.70	.090	7.1	23.9	1.29	34.1	.002	1	2.09	.013	.16	.5	.04	10	.6	.06	5.6
A 5346	.47	48.13	40.70	124.1	105	52.3	20.4	417	4.84	47.7	2.0	1.7	15.3	13.2	.08	.77	.51	15	.29	.045	19.4	38.3	1.05	49.8	.002	1	2.51	.009	.27	.3	.06	<5	.1	.09	6.3
A 5035	.37	61.93	21.80	173.4	104	55.2	21.1	526	5.20	38.3	1.6	.8	12.3	16.5	.11	.88	.57	15	.16	.074	23.2	37.3	1.05	45.5	.002	1	2.54	.009	.22	.2	.05	5	.1	.10	7.0
A 5064	1.21	8.58	12.77	13.6	40	7.7	1.3	44	.66	24.7	.6	4.7	6.1	2.9	.34	.49	.06	2	.01	.006	9.5	16.1	.01	13.9	<.001	<1	.20	.004	.07	5.1	.02	15	<.1	<.02	.4
A 5293	1.13	31.68	36.76	54.0	71	36.8	24.6	1358	3.22	33.9	1.0	.2	6.8	326.4	.06	8.00	.42	5	12.76	.097	3.8	13.8	.75	26.3	.001	<1	.83	.011	.16	<.2	.05	28	1.0	.12	2.1
A 5418	.61	51.90	21.77	119.8	73	52.4	27.3	1195	5.42	20.2	1.1	.5	7.8	49.2	.10	.65	.61	21	1.49	.034	11.2	47.1	1.40	37.7	.002	<1	2.99	.037	.18	.4	.04	<5	.1	.13	8.4
A 5380	.43	55.36	22.37	116.9	72	50.7	19.0	663	5.06	23.5	1.5	.9	11.4	32.8	.07	1.32	.45	18	.57	.054	17.0	42.7	1.21	40.5	.002	1	2.77	.024	.20	.6	.04	<5	.1	.07	7.3
STANDARD DS2	14.59	131.24	30.45	167.3	265	37.5	13.2	831	3.26	59.0	21.5	211.0	3.7	31.6	11.57	10.44	11.44	83	.57	.098	17.0	176.7	.61	145.5	.115	3	1.80	.034	.17	7.9	1.94	270	2.6	1.87	6.2

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



SAMPLE#	Cs ppm	Ge ppm	Nb ppm	Rb ppm	Sc ppm	Sn ppm	S %	Zr ppm	Y ppm	Ce ppm	In ppm	Re ppb	Li ppm
A 5291	.91	<.1	.04	5.7	2.6	.1	1.34	4.4	9.27	9.7	.02	3	20.9
A 5063	.37	<.1	.02	3.2	.2	.2	.01	3.4	.48	18.1	<.02	<1	.8
A 5422	1.87	<.1	.06	7.4	2.5	.2	.14	7.2	3.51	31.5	.03	<1	94.6
A 5350	1.55	<.1	.04	9.0	1.7	.3	.16	5.8	2.81	26.3	.02	<1	33.1
A 5214	2.63	<.1	.05	8.3	2.8	.4	.09	10.5	4.39	43.1	.03	<1	113.9
A 5039	1.27	<.1	.05	7.6	2.1	.2	<.01	8.8	5.18	43.0	.02	<1	42.4
A 5301	1.01	<.1	.04	7.9	3.5	.2	.21	7.2	4.52	18.0	.04	<1	48.2
RE A 5301	1.00	<.1	.03	8.1	3.5	.2	.22	7.0	4.43	19.7	.04	<1	48.2
RRE A 5301	1.00	<.1	.05	7.9	3.6	.2	.23	7.4	4.48	19.0	.03	2	47.5
A 5062	.36	<.1	<.02	2.7	.2	.2	.01	4.4	.64	18.0	<.02	<1	.9
A 5419	1.53	<.1	.11	7.3	2.7	.1	.19	7.1	3.34	25.1	.03	<1	90.7
A 5292	.69	<.1	.04	5.3	2.7	<.1	.72	5.6	10.35	10.8	.03	<1	18.1
A 5381	1.50	<.1	.08	8.4	1.9	.2	.06	6.0	3.09	28.6	.02	1	88.7
A 5161	1.86	<.1	.11	7.6	2.5	.2	.02	7.7	3.72	43.4	.03	<1	90.0
A 5385	1.93	<.1	.10	7.3	2.5	.3	.36	7.7	6.16	20.1	.03	1	81.7
A 5348	1.38	<.1	.08	9.4	1.7	.3	.06	7.9	3.26	30.9	.02	<1	60.1
A 5213	2.67	<.1	.04	8.2	2.3	.3	.02	12.0	3.46	62.5	.03	1	92.8
A 5417	1.84	<.1	.05	8.4	2.4	.2	.06	8.2	3.57	43.2	.02	<1	92.1
RE A 5417	1.84	<.1	.06	8.3	2.3	.2	.05	9.4	3.58	41.9	.02	2	90.1
RRE A 5417	1.73	<.1	.07	7.7	2.4	.2	.06	8.0	3.55	38.9	.03	<1	89.5
A 5160	1.94	<.1	.04	8.1	2.3	.2	<.01	8.7	3.57	63.3	.03	<1	88.4
A 5379	1.60	<.1	.04	9.3	2.1	.3	.11	6.7	4.02	39.4	.03	<1	85.4
A 5061	.25	<.1	<.02	2.4	.2	.1	<.01	3.8	.63	18.4	<.02	<1	.9
A 5302	.91	<.1	.06	7.8	3.2	<.1	.25	6.2	4.15	16.5	.03	1	45.7
A 5347	1.48	<.1	.07	10.1	1.7	.3	.10	9.1	3.41	28.8	.02	<1	64.1
A 5382	1.66	<.1	.05	9.1	2.0	.3	.13	6.5	3.50	41.3	.03	1	91.2
A 5416	1.46	<.1	.07	7.9	3.1	.2	.22	7.3	3.84	22.6	.03	1	97.8
A 5060	.28	<.1	<.02	2.8	.3	.1	.01	3.3	.53	16.5	<.02	<1	1.0
A 5162	1.76	<.1	.08	7.5	3.1	.1	.01	7.3	5.61	50.0	.04	<1	87.1
A 5303	.77	<.1	.07	6.9	3.9	.1	.38	7.5	6.19	13.7	.04	2	72.9
A 5346	1.48	<.1	.04	10.4	1.6	.2	.10	7.1	2.74	33.6	.02	1	57.8
A 5035	1.82	<.1	.02	8.9	2.0	.2	.02	10.1	3.81	43.8	.02	<1	53.9
A 5064	.30	<.1	<.02	2.9	.3	.1	.02	3.5	.61	17.7	<.02	<1	1.0
A 5293	.86	<.1	.03	6.5	2.7	<.1	1.43	5.6	8.21	9.6	.03	3	22.3
A 5418	1.38	<.1	.04	7.4	2.7	.2	.35	7.4	3.10	18.9	.03	<1	96.0
A 5380	1.54	<.1	.07	8.3	1.8	.2	.09	6.1	3.00	29.7	.02	<1	78.6
STANDARD DS2	2.76	<.1	2.08	15.7	3.3	24.9	.02	3.9	8.47	31.5	5.69	<1	14.2

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



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm
A 5158	.87	45.21	24.09	84.4	35	42.3	23.1	2312	4.23	38.5	1.2	.6	6.1	92.5	.08	2.58	.59	13	4.85	.048	5.0	22.6	1.27	31.1	.001	2	1.93	.038	.16	.3	.04	14	.4	.09	5.6
A 5345	.46	52.06	16.78	134.3	82	56.3	23.3	451	5.00	53.7	2.1	1.8	16.4	14.8	.08	.73	.49	16	.28	.061	16.6	36.7	1.09	48.4	.002	2	2.55	.010	.26	.5	.05	9	.1	.06	6.5
A 5413	.47	49.24	22.39	124.7	69	52.2	20.7	870	5.12	10.1	1.3	.2	10.3	43.2	.08	.73	.51	23	.65	.043	19.9	43.7	1.38	43.3	.002	1	2.91	.040	.19	<.2	.05	6	.1	.09	8.5
A 5034	.62	57.12	12.94	139.2	85	55.1	24.3	834	5.10	50.3	2.1	.5	14.0	16.1	.09	1.12	.55	15	.14	.059	29.4	29.4	.80	53.4	.001	2	2.08	.008	.23	1.2	.05	<.5	.1	.10	5.5
A 5377	1.19	60.01	44.30	133.7	122	53.0	20.9	702	4.90	35.5	1.6	.4	13.0	40.5	.14	1.19	.63	17	.75	.069	10.9	44.6	1.20	45.9	.002	1	2.62	.018	.21	1.5	.05	<.5	.2	.08	7.3
A 5390	.37	60.52	27.29	130.4	87	54.9	23.1	725	5.31	21.2	1.6	.3	12.1	28.0	.06	.79	.63	22	.36	.054	19.9	46.6	1.37	41.2	.003	1	3.14	.038	.19	<.2	.05	11	.2	.06	8.9
A 5157	.64	45.38	20.00	89.4	38	44.9	25.5	1290	4.06	29.6	1.2	<.2	7.4	77.1	.05	2.08	.67	14	4.02	.037	7.0	27.3	1.17	33.2	.001	1	2.10	.034	.17	.3	.06	32	.4	.15	5.8
A 5414	.47	56.49	20.86	122.4	68	51.5	20.4	836	5.00	12.9	1.4	<.2	10.9	63.2	.07	.49	.50	22	.70	.052	19.4	44.8	1.33	40.3	.002	1	2.71	.034	.18	.3	.04	6	.2	.08	7.8
A 5386	.88	60.43	23.31	133.1	75	57.1	21.0	708	5.39	22.9	1.6	1.2	12.3	32.3	.08	2.11	.49	22	.43	.056	20.3	50.9	1.38	46.0	.002	1	3.11	.039	.21	.8	.05	<.5	.2	.09	8.5
A 156	.49	31.48	11.76	67.5	21	29.0	7.5	826	2.81	5.5	1.0	<.2	6.4	198.4	.03	1.21	.26	8	10.71	.033	4.7	17.2	.75	28.6	.001	1	1.41	.032	.15	.3	.03	16	.3	.05	3.8
A 5375	1.01	57.54	31.03	130.6	93	53.6	18.9	707	5.05	31.9	1.8	.9	13.1	42.5	.11	.98	.46	16	.93	.072	11.6	35.1	1.19	50.0	.002	1	2.44	.014	.23	1.1	.05	<.5	.2	.06	6.5
A 5412	.37	47.90	22.14	125.1	61	53.0	22.2	806	5.06	12.0	1.3	<.2	9.6	33.5	.07	.59	.52	22	.51	.053	15.9	42.4	1.34	36.4	.003	1	2.92	.034	.18	.2	.04	<.5	.2	.08	8.3
A 5389	.37	53.05	15.69	124.0	64	53.5	20.6	823	5.26	22.4	1.4	.8	10.5	27.7	.07	.69	.48	22	.55	.052	16.3	51.1	1.35	33.1	.003	1	2.93	.027	.15	<.2	.03	<.5	.1	.07	8.3
RE A 5389	.37	53.78	15.67	125.5	61	54.0	20.3	832	5.33	22.3	1.4	.8	10.9	28.2	.07	.71	.46	22	.56	.053	17.3	44.5	1.37	33.9	.003	1	2.99	.028	.15	<.2	.03	<.5	.2	.09	8.2
RRE A 5389	.38	52.67	15.99	123.9	57	54.1	20.4	826	5.29	22.2	1.4	.5	10.9	27.7	.06	.73	.47	22	.56	.053	17.7	47.1	1.36	33.1	.003	1	2.95	.029	.15	<.2	.04	<.5	.2	.08	8.4
A 5376	.66	62.78	26.10	134.4	83	55.7	30.0	615	5.06	41.5	1.5	.8	13.9	20.1	.08	1.52	.57	17	.32	.049	11.9	39.7	1.22	48.1	.002	1	2.67	.016	.24	.6	.05	<.5	.2	.06	7.0
A 5163	.24	54.94	7.51	97.9	20	45.5	15.0	1832	4.41	6.6	1.4	5.7	8.9	56.1	.03	.22	.21	19	2.53	.111	24.5	31.2	1.34	47.9	.002	1	2.66	.051	.24	<.2	.05	<.5	.3	.03	7.1
A 5415	.72	48.39	35.90	122.4	100	51.6	23.6	828	5.15	16.1	1.3	2.0	10.0	36.0	.07	.60	.68	22	.64	.055	16.3	49.9	1.38	38.6	.003	1	3.01	.038	.19	.4	.04	<.5	.2	.11	8.5
A 5378	.55	55.29	18.85	141.3	80	58.1	23.1	558	5.04	36.4	1.6	1.8	14.3	16.4	.08	.92	.43	19	.19	.061	14.3	43.7	1.29	50.9	.002	2	2.86	.023	.22	.3	.06	<.5	.2	.06	7.6
A 5159	.30	47.41	25.06	105.8	29	47.4	24.0	2208	4.84	31.2	1.4	.8	7.4	59.6	.07	1.42	.66	17	3.14	.101	8.4	34.1	1.48	29.2	.002	1	2.52	.031	.15	<.2	.04	9	.3	.15	7.0
RE A 5159	.30	45.96	24.15	103.0	25	45.3	23.1	2152	4.74	29.9	1.4	.3	7.9	58.0	.05	1.36	.64	16	3.04	.100	8.9	30.3	1.44	28.1	.002	1	2.44	.031	.14	<.2	.04	11	.4	.16	6.8
RRE A 5159	.29	46.17	24.41	105.1	26	47.0	23.7	2202	4.81	30.1	1.4	.3	6.9	58.9	.06	1.38	.64	16	3.11	.100	8.5	32.4	1.47	27.7	.002	1	2.49	.031	.14	<.2	.04	12	.3	.14	6.8
A 5000	3.74	23.93	13.37	16.3	123	9.9	1.6	68	.95	885.1	.7	155.1	5.6	38.5	.22	2.47	.27	7	.07	.024	17.3	33.8	.05	54.0	<.001	2	.44	.010	.15	9.3	.08	50	.1	.11	1.6
A 5109	3.41	22.28	31.01	44.3	124	13.9	2.5	60	1.59	198.8	.5	33.2	3.5	5.9	.07	.98	.05	13	<.01	.006	9.8	24.2	.01	22.7	<.001	2	.28	.007	.12	10.6	.05	30	.1	.02	.8
A 5026	3.62	7.59	9.07	17.8	55	8.3	.9	51	.84	151.1	.4	15.6	4.2	5.4	.07	.63	.03	2	.01	.007	8.2	26.9	.01	15.9	<.001	1	.19	.003	.09	11.5	.02	34	<.1	.02	.5
A 5225	.23	41.01	4.94	132.8	23	57.4	14.6	630	5.07	1.3	1.5	1.3	11.6	26.3	.05	.11	.09	23	.21	.041	40.3	51.1	1.40	35.2	.002	1	3.26	.048	.19	<.2	.04	5	.2	<.02	9.3
A 5185	1.19	34.68	36.60	98.2	35	37.1	17.7	3241	4.77	23.2	1.6	.5	5.5	187.1	.18	1.42	.37	15	11.71	.021	5.8	32.4	1.29	25.5	.002	1	2.26	.039	.13	<.2	.04	12	.4	.08	6.3
A 5018	3.45	5.95	4.97	107.7	19	20.1	8.2	1062	1.97	214.2	.7	24.6	6.3	21.2	.29	.57	.03	3	.36	.022	9.3	22.8	.11	14.5	<.001	1	.23	.017	.08	10.9	.02	5	.2	.02	.5
112	1.65	12.86	17.81	44.9	122	7.6	3.2	134	1.22	625.8	.6	274.1	5.1	30.7	.10	1.50	.11	3	.03	.013	10.6	17.4	.02	24.6	<.001	2	.29	.007	.12	9.5	.02	55	.1	.04	.7
227	.36	71.13	31.99	136.9	95	58.1	17.4	603	5.21	7.3	1.5	4.0	11.5	28.5	.05	.20	.62	23	.19	.029	35.0	49.9	1.43	41.8	.002	1	3.33	.046	.19	<.2	.03	<.5	.2	.04	9.3
A 5110	3.76	7.00	10.33	10.2	86	7.5	.5	46	53	139.7	.3	33.5	2.4	9.5	.02	.99	.02	2	.01	.005	9.5	27.4	.01	18.7	<.001	2	.21	.005	.11	12.4	.04	21	<.1	<.02	.5
A 5004	2.12	34.68	9.98	96.6	136	30.6	12.8	258	3.31	738.7	1.4	438.5	10.2	14.4	.20	1.92	.26	6	.08	.054	18.5	22.2	.03	29.6	.001	2	.40	.009	.17	9.5	.04	29	.2	.08	1.3
A 5011	2.80	21.82	11.31	105.6	48	29.3	14.2	1176	3.03	97.9	1.0	11.0	6.9	7.8	.08	.83	.11	5	.08	.026	13.7	23.2	.07	26.7	.001	1	.38	.008	.15	7.7	.03	10	.1	<.02	.9
A 5228	.34	56.72	25.87	134.1	72	55.3	16.3	695	4.96	6.0	1.8	2.6	11.3	34.0	.06	.14	.38	22	.60	.148	26.3	51.7	1.36	45.8	.002	1	3.18	.047	.19	.4	.03	<.5	.4	.05	9.1
A 5017	3.78	9.79	2.94	62.6	24	19.1	6.1	734	1.08	221.2	.7	9.9	6.3	8.4	.36	.59	.02	2	.04	.019	7.4	27.8	.02	15.8	<.001	1	.22	.012	.08	11.9	.02	<.5	.1	<.02	.4
A 5108	3.36	7.50	33.94	21.8	201	7.7	.9	63	1.10	444.6	.3	38.1	4.3	4.1	.13	1.05	.04	4	<.01	.009	8.5	25.2	<.01	17.8	<.001	1	.21	.005	.10	10.8	.02	17	.1	<.02	.6
STANDARD DS2	14.65	133.44	29.84	170.0	257	37.5	13.3	845	3.29	60.0	22.4	207.4	3.8	30.7	11.50	11.05	11.47	84	.56	.093	16.2	178.0	.62	147.3	.119	4	1.84	.033	.17	8.0	1.95	264	2.6	1.88	6.4

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



SAMPLE#	Cs ppm	Ge ppm	Nb ppm	Rb ppm	Sc ppm	Sn ppm	S %	Zr ppm	Y ppm	Ce ppm	In ppm	Re ppb	Li ppm
A 5158	1.68	<.1	.04	7.2	2.8	.3	.56	7.1	4.45	8.4	.03	2	66.5
A 5345	1.72	<.1	.05	9.9	1.7	.3	.09	7.0	3.28	26.7	.02	<1	60.5
A 5413	2.17	<.1	.06	8.5	2.7	.3	.10	8.1	3.36	29.9	.03	<1	89.5
A 5034	1.89	<.1	.03	8.3	1.9	.3	<.01	12.9	3.84	46.2	<.02	<1	42.8
A 5377	1.53	<.1	.07	9.1	1.8	.4	.20	6.4	4.01	18.2	.02	1	69.2
A 5390	1.92	<.1	.04	8.6	2.3	.3	.12	7.0	3.25	31.1	.03	<1	96.9
A 5157	1.61	<.1	.03	7.3	2.7	.2	.43	7.8	4.55	11.1	.03	<1	65.7
A 5414	3.07	<.1	.03	7.8	2.4	.3	.16	7.7	3.58	28.7	.03	<1	85.3
A 5386	1.74	<.1	.05	8.8	2.4	.3	.12	6.7	3.35	30.9	.03	2	91.3
A 5156	1.47	<.1	<.02	6.6	2.0	.2	.38	6.1	4.60	8.3	.02	<1	45.3
A 5375	1.33	<.1	.03	9.7	1.8	.3	.24	5.5	3.99	19.1	.02	1	61.2
A 5412	2.22	<.1	.11	7.8	2.6	.3	.13	7.9	3.09	25.3	.03	<1	89.3
A 5389	1.72	<.1	.04	6.4	2.2	.3	.12	6.9	3.15	25.2	.03	<1	92.2
RE A 5389	1.73	<.1	.04	6.5	2.1	.3	.12	7.1	3.13	26.0	.03	1	90.7
RRE A 5389	1.74	<.1	.04	6.6	2.2	.3	.13	6.9	3.15	26.0	.03	<1	90.8
A 5376	1.57	<.1	.04	9.9	1.7	.3	.29	6.4	2.82	19.7	.02	<1	67.0
A 5163	1.94	<.1	.07	8.9	2.9	.3	.02	8.3	6.10	37.6	.03	2	80.3
A 5415	1.87	<.1	.04	7.7	2.4	.3	.20	8.2	3.60	25.1	.03	2	94.5
A 5378	1.81	<.1	.04	9.8	1.8	.3	.16	7.0	3.27	23.5	.02	<1	74.8
A 5159	1.82	<.1	.07	6.2	2.7	.2	.21	6.9	4.82	13.8	.03	1	83.2
RE A 5159	1.72	<.1	.04	6.0	2.7	.2	.21	6.9	4.69	13.3	.03	1	83.5
RRE A 5159	1.76	<.1	.05	5.9	2.7	.2	.20	6.8	4.75	13.3	.03	<1	82.6
A 5000	4.38	<.1	.02	7.2	1.4	.5	.03	6.9	1.55	28.5	<.02	<1	3.4
A 5109	.57	<.1	<.02	5.1	1.1	.4	.02	4.6	1.17	16.7	.02	<1	1.0
A 5026	.43	<.1	<.02	3.9	.3	.3	.06	3.6	.69	14.5	<.02	<1	.7
A 5225	2.28	<.1	.04	7.4	2.6	.3	<.01	7.5	3.29	57.6	.03	1	101.9
A 5185	1.39	<.1	.03	5.8	3.7	.2	.34	6.0	6.46	10.5	.04	2	70.2
A 5018	.53	<.1	<.02	3.7	.7	.3	.01	6.3	2.49	17.0	<.02	1	1.9
A 5012	.90	<.1	<.02	5.1	.7	.2	.02	6.3	1.35	18.6	<.02	<1	1.7
A 5227	2.97	<.1	.08	7.6	2.4	.3	.04	6.9	3.00	50.1	.03	2	102.1
A 5110	.32	<.1	<.02	4.9	.4	.6	<.01	3.1	.73	18.3	<.02	<1	.7
A 5004	1.32	<.1	<.02	7.2	1.3	.3	<.01	8.9	2.92	32.9	<.02	<1	2.5
A 5011	.88	<.1	<.02	6.1	1.2	.3	<.01	9.9	2.72	24.0	<.02	2	2.7
A 5228	2.64	<.1	.07	7.5	2.5	.3	.03	6.3	5.86	41.7	.03	2	96.0
A 5017	.45	<.1	<.02	3.6	.5	.3	.04	5.4	1.64	13.4	<.02	1	1.1
A 5108	.45	<.1	<.02	4.3	.8	.4	.01	4.6	.75	16.2	.02	<1	.9
STANDARD DS2	2.74	<.1	2.05	14.6	3.1	24.3	.02	3.9	8.30	29.1	5.64	2	14.1

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



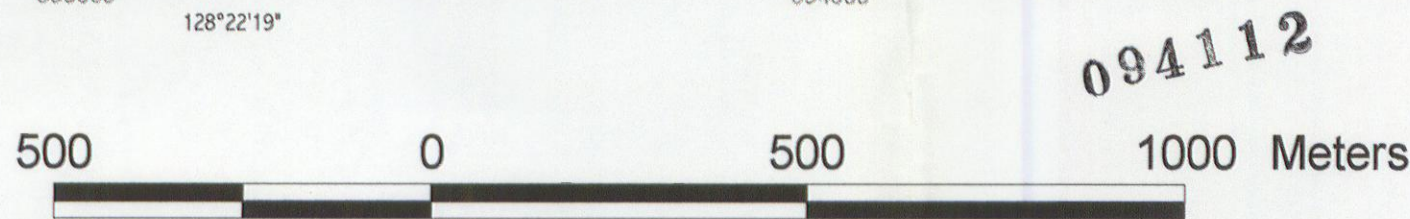
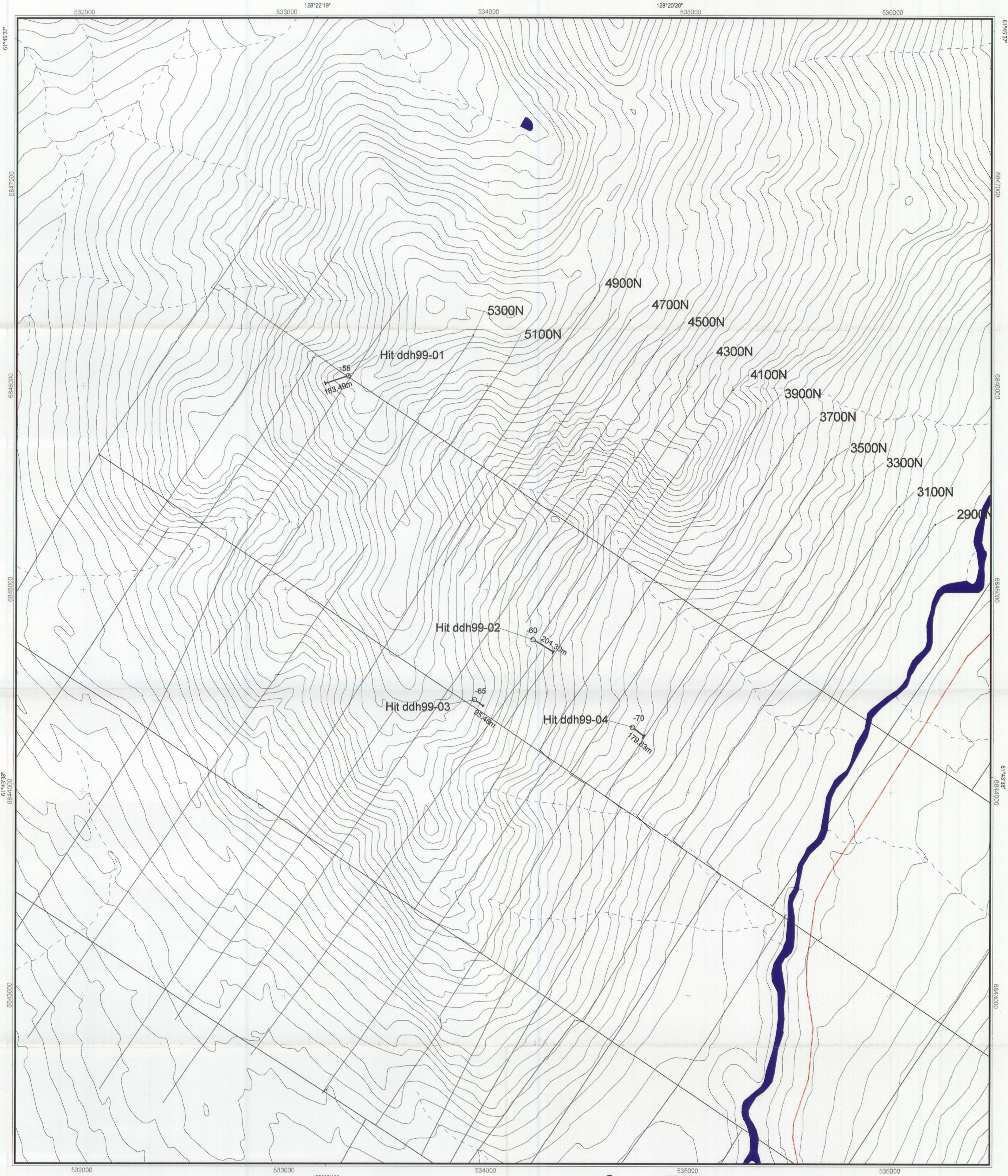
SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm
A 5008	1.97	15.40	15.25	49.6	44	18.3	7.6	191	1.51	291.2	.5	11.5	6.9	7.0	.21	.81	.12	<2	.04	.014	11.6	17.6	.04	18.7	<.001	1	.26	.005	.10	12.5	.02	<5	.1	.02	.5
A 5015	1.72	5.97	8.86	17.5	48	3.5	.9	41	.66	453.2	.3	34.3	3.0	6.5	.08	.86	.07	<2	.01	.005	8.2	19.5	.01	14.4	<.001	1	.17	.003	.09	9.8	.02	38	.1	<.02	.4
A 5106	3.52	9.54	14.99	68.7	61	11.9	4.3	336	1.86	47.6	.3	.9	3.5	5.0	.06	.76	.09	2	<.01	.011	6.4	24.1	<.01	10.5	<.001	1	.16	.004	.05	11.3	.02	11	.1	.03	.5
A 5006	1.03	24.01	14.02	67.1	75	25.1	12.7	629	2.43	104.9	.8	7.2	8.4	6.2	.16	1.01	.15	2	.06	.018	10.4	13.3	.11	19.2	<.001	1	.30	.005	.11	4.6	.03	18	.1	.02	.9
RE A 5006	.94	24.55	13.99	67.6	72	24.7	13.1	632	2.44	106.9	.8	6.9	8.4	6.2	.16	.98	.16	2	.06	.018	11.7	9.4	.11	20.0	<.001	1	.31	.005	.11	4.6	.04	16	.1	.04	1.0
RRE A 5006	.93	23.18	13.65	66.6	73	25.0	12.2	623	2.41	106.8	.8	8.5	8.2	6.0	.15	.89	.15	2	.06	.018	12.5	14.9	.11	20.1	<.001	1	.32	.005	.11	4.3	.03	16	.2	.02	.9
A 5010	3.11	27.08	31.99	75.0	125	23.5	10.5	252	2.00	438.0	.7	17.1	7.4	25.5	.15	1.13	.21	2	.21	.099	15.7	25.4	.04	34.3	.001	1	.39	.009	.19	9.1	.05	7	.3	.03	1.1
A 5105	2.36	12.67	42.89	142.6	129	6.7	2.9	156	2.22	335.0	.7	20.9	6.7	465.0	.18	2.35	.10	24	.02	.070	17.4	28.0	.01	64.5	.006	1	.44	.006	.08	6.5	.07	50	.3	.12	2.4
A 5102	2.66	64.28	100.95	346.5	259	104.8	32.0	482	6.37	98.8	1.3	11.2	8.1	1181.8	.62	1.17	.09	110	.04	.129	28.3	53.9	.01	193.8	.005	1	1.14	.013	.14	.3	.10	<5	.1	.24	4.6
A 5101	1.65	18.69	7.77	24.8	108	7.3	1.6	54	1.16	736.0	.7	89.0	8.8	20.6	.37	1.11	.09	<2	.10	.051	11.0	14.0	.01	21.7	.001	2	.28	.006	.13	8.8	.03	27	.3	.02	.6
A 5107	2.06	7.96	12.49	29.5	55	5.5	2.3	128	1.50	355.2	.3	22.2	4.1	6.2	.11	.62	.06	<2	.01	.013	7.3	16.9	<.01	10.7	<.001	1	.15	.003	.05	12.2	.02	<5	.1	.02	.5
A 5009	1.94	34.73	10.13	98.7	84	38.0	19.5	455	3.06	109.6	1.0	.5	9.3	9.8	.16	.78	.20	8	.07	.027	21.6	17.6	.14	31.5	.001	1	.62	.009	.17	5.0	.04	<5	.2	.03	2.0
A 5005	1.58	24.42	10.52	91.6	69	29.1	13.5	356	3.07	123.2	.8	1.5	6.7	12.2	.11	.69	.13	2	.08	.054	14.3	15.7	.02	24.5	.001	1	.35	.007	.14	8.3	.04	38	.2	.02	1.1
A 5014	2.57	8.88	6.22	29.4	136	8.6	2.0	59	.98	425.1	.3	756.6	4.4	14.2	.06	1.05	.07	<2	.01	.008	10.5	16.1	.01	23.4	<.001	1	.25	.005	.13	7.6	.03	40	.1	<.02	.7
A 5019	1.16	44.77	11.01	99.3	571	40.8	19.0	389	3.32	320.0	1.5	4505.7	9.9	9.3	.19	2.04	.35	9	.05	.023	14.8	20.3	.22	33.0	.001	1	.79	.008	.17	4.7	.05	22	.2	.12	2.3
A 5023	3.47	8.41	16.52	26.6	84	10.2	1.5	103	1.27	336.3	.5	23.2	4.6	9.2	.06	.73	.10	<2	.01	.012	10.0	22.0	.01	14.9	<.001	1	.20	.003	.08	10.5	.02	34	.1	<.02	.5
A 5013	1.44	9.89	18.79	41.1	243	5.0	1.9	65	1.16	1002.7	.6	1139.6	5.0	29.7	.14	2.12	.12	<2	.02	.009	10.5	16.6	.01	20.6	<.001	<1	.21	.004	.11	8.2	.03	63	.2	.05	.6
A 5103	2.50	39.09	268.28	72.9	313	16.4	1.4	26	3.74	180.1	1.3	32.1	11.4	1119.3	.27	2.41	.13	91	.04	.123	35.6	47.6	.01	160.8	.009	1	1.18	.016	.11	.8	.19	33	.2	.24	5.3
A 5002	4.25	11.49	8.22	10.2	69	3.5	1.1	45	.67	393.9	.6	21.1	4.8	9.7	.66	2.50	.04	<2	.01	.007	7.0	14.3	.01	15.1	<.001	1	.17	.003	.08	11.0	.04	23	.1	<.02	.4
A 5100	2.66	24.82	65.85	75.4	117	14.4	3.7	61	2.03	304.7	1.1	10.7	6.2	212.6	.24	1.11	.09	17	.01	.038	14.9	27.5	.01	48.4	.003	1	.51	.011	.11	8.2	.05	15	.3	.05	1.8
A 5016	1.93	7.78	10.88	40.2	45	6.1	1.8	133	1.27	596.1	.4	31.8	6.3	11.7	.12	.93	.11	<2	.04	.022	9.7	20.8	.02	16.0	<.001	1	.19	.017	.09	11.6	.04	14	.1	.03	.4
A 5101	3.17	15.59	281.65	101.0	334	12.0	3.4	65	1.85	242.1	.7	14.9	6.4	93.3	.15	1.61	.14	12	<.01	.023	13.3	26.1	.01	38.6	.002	1	.47	.011	.12	5.9	.05	25	.2	.04	1.5
A 5022	1.62	6.54	24.42	21.5	88	4.4	1.2	53	.95	346.5	.4	35.5	4.5	8.0	.07	.96	.06	<2	.01	.007	11.5	17.4	.01	18.6	<.001	1	.18	.004	.11	9.3	.03	46	.1	.02	.5
A 5025	3.03	7.43	13.94	22.9	51	7.5	1.0	55	.91	282.3	.5	16.0	4.7	9.1	.13	.89	.06	<2	.01	.010	10.3	22.1	.01	16.9	<.001	<1	.20	.004	.09	9.0	.02	23	.1	<.02	.4
A 5071	1.12	6.63	6.81	29.3	24	9.9	3.6	134	1.01	14.7	.7	1.2	7.0	2.8	.20	.53	.07	<2	.01	.008	10.5	15.1	.01	12.0	<.001	<1	.19	.003	.06	6.1	.02	6	.1	.02	.4
RE A 5071	1.12	6.77	6.80	29.6	23	9.8	3.6	130	1.02	14.7	.7	1.8	6.6	2.8	.18	.53	.07	<2	.01	.008	10.4	12.7	.01	11.9	<.001	<1	.18	.003	.06	5.9	<.02	8	.1	<.02	.4
RRE A 5071	1.14	6.99	6.79	29.1	26	10.0	3.6	130	1.02	14.5	.7	.5	6.3	2.7	.19	.55	.07	<2	.01	.008	9.7	14.5	.01	11.8	<.001	<1	.18	.003	.06	6.0	<.02	5	.1	.02	.4
A 5104	3.14	7.51	72.61	17.1	173	6.2	.4	32	.69	74.3	.4	4.1	4.2	107.5	.04	.91	.03	12	<.01	.021	12.2	21.7	.01	41.8	.001	1	.30	.007	.15	8.1	.06	37	.2	.02	1.1
A 5073	1.83	7.90	6.68	13.6	36	5.3	1.4	56	.63	202.9	.5	17.2	4.5	5.3	.13	.54	.04	<2	.02	.012	8.1	18.5	.01	10.8	<.001	1	.18	.003	.06	11.1	.02	7	.1	<.02	.3
A 5074	3.77	8.71	10.80	17.4	45	9.2	1.0	66	.90	220.2	.5	9.0	6.0	7.6	.03	.51	.06	<2	.01	.010	9.7	29.2	.01	15.1	<.001	<1	.19	.003	.07	11.9	.02	23	.1	<.02	.5
A 5020	1.56	9.56	7.23	23.2	44	4.0	1.2	47	1.20	249.5	.4	19.6	5.3	6.6	.05	.71	.06	<2	.01	.011	10.7	17.0	.01	17.4	<.001	<1	.19	.003	.08	8.8	.02	26	.1	<.02	.4
A 5021	2.98	11.43	4.75	35.0	35	15.1	4.4	115	1.36	181.6	.5	6.2	4.6	10.7	.15	.46	.05	<2	.01	.012	10.0	23.6	.01	17.5	<.001	<1	.24	.003	.09	9.1	.02	29	<.1	<.02	.5
A 5070	1.91	8.47	8.20	29.6	17	13.4	5.2	254	1.29	7.4	.7	.6	6.4	4.2	.11	.38	.05	<2	.01	.006	9.8	20.5	.03	11.7	<.001	<1	.19	.003	.06	11.2	<.02	5	.1	<.02	.5
A 5007	2.62	14.04	12.58	36.1	103	12.1	3.5	124	1.85	673.5	.4	158.5	6.3	10.4	.12	1.43	.10	<2	.02	.011	11.0	26.2	.02	30.3	<.001	1	.25	.005	.15	8.0	.05	25	.1	.04	.6
STANDARD DS2	14.27	129.02	31.08	164.4	263	36.9	13.3	825	3.20	61.8	21.5	201.9	3.7	29.7	11.35	10.32	11.38	82	.55	.084	17.4	169.0	.61	144.5	.115	3	1.76	.032	.17	7.8	1.91	271	2.6	1.85	6.3

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



SAMPLE#	Cs ppm	Ge ppm	Nb ppm	Rb ppm	Sc ppm	Sn ppm	S %	Zr ppm	Y ppm	Ce ppm	In ppm	Re ppb	Li ppm
A 5008	.53	<.1	.03	4.4	.8	.2	<.01	7.8	1.86	20.0	<.02	<1	2.1
A 5015	.35	<.1	.02	3.9	.3	.2	<.01	5.1	.60	14.2	<.02	<1	.5
A 5106	.26	<.1	.04	2.5	1.0	.3	.01	3.8	1.01	15.1	<.02	<1	1.1
A 5006	.78	<.1	.03	4.6	1.3	.2	.02	10.7	2.18	21.1	<.02	<1	2.9
RE A 5006	.79	<.1	.04	4.7	1.3	.2	.01	10.3	2.21	22.9	<.02	<1	3.0
RRE A 5006	.77	<.1	.03	4.6	1.3	.2	.02	9.9	2.15	23.4	<.02	<1	2.7
A 5010	1.22	<.1	.03	7.8	1.0	.3	.02	8.9	4.08	30.4	<.02	1	1.5
A 5105	.62	<.1	.04	3.6	2.3	1.0	.05	13.9	6.72	33.7	.07	<1	1.7
A 5102	1.16	<.1	.09	5.9	9.7	2.1	.12	4.1	12.40	49.4	.13	3	4.3
A 5001	.89	<.1	.02	5.0	.9	.2	.01	7.5	1.90	18.2	<.02	<1	.8
A 5107	.29	<.1	.03	2.5	.5	.2	.01	3.9	.62	12.3	<.02	<1	.6
A 5009	1.10	<.1	.04	7.0	1.7	.3	<.01	9.9	3.25	41.3	.02	<1	7.2
A 5005	.99	<.1	.04	6.4	1.6	.2	<.01	10.7	3.35	29.0	.02	<1	1.7
A 5014	.63	<.1	.02	5.3	.6	.3	.03	6.3	.80	19.4	<.02	<1	1.0
A 5019	1.70	<.1	.03	6.7	1.7	.3	.01	14.5	2.59	29.5	.02	<1	10.6
A 5023	.40	<.1	.02	3.6	.4	.3	.01	5.9	.92	17.5	<.02	<1	.5
A 5013	.67	<.1	.02	4.7	.8	.7	.04	5.6	.88	19.4	<.02	<1	.8
A 5103	1.62	<.1	.04	5.7	5.1	2.1	.12	2.9	13.50	67.2	.34	1	5.3
A 5002	.50	<.1	.02	3.8	.5	.2	<.01	5.3	.74	13.3	<.02	<1	.6
A 5100	.99	<.1	.04	4.8	1.8	.6	.02	10.1	2.91	26.3	.04	<1	2.2
A 5016	.54	<.1	.04	3.9	.5	.2	.04	6.4	1.11	18.5	<.02	<1	.8
A 5101	.83	<.1	.04	5.1	1.4	.5	.02	6.8	1.85	22.9	.12	<1	1.9
A 5022	.54	<.1	.02	4.7	.4	.3	.02	6.8	.83	21.4	<.02	<1	.7
A 5025	.46	<.1	.03	4.1	.4	.4	.01	4.4	.77	18.5	<.02	<1	.6
A 5071	.38	<.1	.02	2.7	.4	.2	.02	5.9	1.23	19.7	<.02	<1	.8
RE A 5071	.39	<.1	.02	2.6	.4	.2	.02	6.0	1.23	19.3	<.02	<1	.7
RRE A 5071	.39	<.1	.02	2.6	.4	.2	.02	5.9	1.22	19.2	<.02	<1	.8
A 5104	.78	<.1	.03	6.9	.8	1.0	.02	8.1	1.61	23.7	.03	1	1.3
A 5003	.38	<.1	.04	3.1	.3	.2	.02	5.3	.74	13.5	<.02	<1	.8
A 5024	.33	<.1	.02	3.4	.4	1.0	.02	5.6	.85	16.8	<.02	<1	.6
A 5020	.49	<.1	.02	3.7	.5	.2	.02	5.5	.80	18.4	<.02	<1	.8
A 5021	.48	<.1	.02	3.7	.8	.3	.01	5.5	1.07	17.2	<.02	<1	.8
A 5070	.29	<.1	.02	2.4	.5	.2	.01	6.6	1.31	19.1	<.02	<1	1.2
A 5007	.92	<.1	.02	6.1	.8	.3	.02	6.9	1.24	18.4	<.02	<1	1.4
STANDARD DS2	2.76	<.1	2.09	14.8	3.2	25.6	.02	3.6	8.29	31.1	5.63	<1	13.3

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



094112



Legend					
	Diamond Drillhole		Grid		Claim Outline
	Road		Water		Stream



Hudson Bay Exploration & Dev. Co. Ltd. Vancouver Office		
Hit Claims Drillhole Locations UTM Zone 9 NAD 83		
FIGURE -	SCALE	DATE: January 21, 2000
AUTHOR: MDB	1:10000	FILE:hit_assess_99.apr