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ASSESSMENT REPORT

GEOLOGICAL, GEOCHEMICAL AND DIAMOND DRILLING EXPLORATION on the RACA, WH, KUKU, ERN, CHIEF, TEX, STEN, KIR, OMNI, GLEE, TM, DG, LB, MIL, PUP, MEK, CL, and CHAR Claims

Whitehorse Mining District, Yukon Territory, Canada

094350
V.1

NTS 105D/3,4,5,6
60°10'N
135°30'W

for

TAGISH LAKE GOLD CORP.
2130-21331 Gordon Way
Richmond, BC V6B 2W5

by

Christopher O. Naas, P.Geo.
CME Consulting Ltd.
April 30, 2002

Volume I of II

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This report has been examined by
the Geological Evaluation Unit
under Section 53 (4) Yukon Quartz
Mining Act and is allowed as
representation work in the amount
of $ 82,200.

M. B...

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

TABLE OF CONTENTS

SUMMARY IV
1.0 INTRODUCTION 1
2.0 DISCLAIMER 1
3.0 PROPERTY DESCRIPTION AND LOCATION 1
3.1 TITLE 1
4.0 ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE AND PHYSIOGRAPHY 5
4.1 ACCESSIBILITY 5
4.2 CLIMATE 5
4.3 LOCAL RESOURCES 6
4.4 INFRASTRUCTURE 6
4.5 PHYSIOGRAPHY 7
5.0 HISTORY 7
5.1 OWNERSHIP 7
5.2 EXPLORATION HISTORY AND RESULTS 9
5.2.1 Mt. Skukum Area 9
5.2.2 Chieftain Hill Area 10
5.2.3 Skukum Creek Area 12
5.2.4 Goddell Area 16
5.2.5 Charleston Area 18
6.0 GEOLOGICAL SETTING 19
6.1 REGIONAL GEOLOGY 19
6.2 LOCAL GEOLOGY 20
6.3 PROPERTY GEOLOGY 21
6.3.1 Mt. Skukum Area 21
6.3.2 Chieftain Hill Area 21
6.3.3 Skukum Creek Area 23
6.3.4 Goddell Area 23
6.3.5 Charleston Area 24
7.0 DEPOSIT TYPES 25
7.1 MT. SKUKUM 25
7.2 SKUKUM CREEK 25
7.3 GODDELL 25
8.0 MINERALIZATION 25
8.1 MT. SKUKUM AREA 25
8.2 CHIEFTAIN HILL AREA 27
8.3 SKUKUM CREEK AREA 27
8.4 GODDELL AREA 29
8.5 CHARLESTON AREA 30
9.0 EXPLORATION 31
9.1 REGIONAL PROSPECTING 31
9.1.1 Raca Zone 31
9.1.2 Other Areas 32
9.2 DETAILED GEOLOGICAL MAPPING AND SAMPLING 32
9.2.1 Taxi Zone 32
10.0 DIAMOND DRILLING 35
10.1 GEOLOGY 36
10.3 MINERALIZATION 43
11.0 SAMPLING METHOD AND APPROACH 46
11.1 ROCK AND SILT SAMPLES 46
11.2 CORE SAMPLES 47

12.0 SAMPLE PREPARATION, ANALYSES AND SECURITY 47
12.1 FIELD 47
12.2 ANALYTICAL LABORATORY 48
13.0 DATA VERIFICATION 48
13.1 QUALITY CONTROL 48
13.2 HISTORICAL SURFACE SAMPLE VERIFICATION 50
13.3 HISTORICAL DRILL CORE VERIFICATION 50
14.0 MINERAL RESOURCE 51
15.0 INTERPRETATION AND CONCLUSIONS 51
15.1 INTERPRETATION 51
15.2 CONCLUSIONS 52
16.0 RECOMMENDATIONS 55
16.1 RECOMMENDED BUDGET 56
17.0 REFERENCES 57
18.0 CERTIFICATE 61

LIST OF TABLES

Table 1: Claims List, *Skukum Property* 4
Table 2: Selected rock sample results, *King Canyon and Taxi Zone* 34
Table 3: Drillhole Specifications 36
Table 4: Significant Gold and Silver Intersections (≥ 1 g/t Au), *Ridge Zone* 44
Table 5: Significant Gold and Silver Intersections (≥ 1 g/t Au), *Zone 2* 46
Table 6: Comparative Results, *Acme Labs vs. Bondar Clegg* 49
Table 7: Comparative Results, *Taxi Zone* 50
Table 8: Comparative Results, *Ridge Zone Drill Core* 50
Table 9: Phase I Recommended Work Program Budget 56
Table 10: Phase II Recommended Work Program Budget 56

LIST OF FIGURES

		page
1.	Location Map (1:1,000,000)	2
2.	Claim Map, *Skukum Property* (1:100,000)	3
3.	Property Geology Map (1:125,000)	22
4.	Geology and Rock Sampling Plan Map, *Skukum Creek Area* (1:2,000)	*map pocket*
5.	Geology and Rock Sampling Plan Map, *Taxi Zone*, (1:2,000)	33
6.	Surface DDH Plan Map, *Ridge Zone* (1:2,000)	37
7.	DDH Cross Section A – A', *Ridge Zone* (1:3,000)	38
8.	DDH Cross Section B – B', *Ridge Zone* (1:2,500)	39
9.	DDH Cross Section C – C', *Ridge Zone* (1:1,500)	40
10.	DDH Cross Section A – A', *Ridge Zone* (1:750)	*map pocket*
11.	DDH Cross Section B – B', *Ridge Zone* (1:750)	*map pocket*
12.	DDH Cross Section C – C', *Ridge Zone* (1:750)	*map pocket*
13.	DDH Strip Log, SC01-1, *Ridge Zone* (1:750)	*map pocket*
14.	DDH Strip Log, SC01-2, *Ridge Zone* (1:750)	*map pocket*
15.	DDH Strip Log, SC01-3, *Ridge Zone* (1:750)	*map pocket*
16.	DDH Strip Log, SC01-4, *Ridge Zone* (1:750)	*map pocket*
17.	DDH Strip Log, RG97-1, *Ridge Zone* (1:750)	*map pocket*
18.	DDH Strip Log, RG97-2, *Ridge Zone* (1:750)	*map pocket*
19.	DDH Strip Log, RG97-4, *Ridge Zone* (1:750)	*map pocket*
20.	DDH Longitudinal Section, *Ridge Zone* (1:4,000)	41
21.	Skukum-Goddell Base Metal Trend (1:62,500)	54

LIST OF APPENDICES

I.	Definitions, Abbreviations and Conversion Factors	*Volume II*
II	Claim Status	*Volume II*
III.	Certificates of Analysis	*Volume II*
	a. Surface Samples	
	b. Drill Core Samples	
	c. Analytical Check Samples	
IV.	Surface Sample Descriptions	*Volume II*
V.	Diamond Drillhole Logs	*Volume II*
	a. 2001 Drillholes	
	b. 1997 Relogged Drillholes	
VI.	Analytical Laboratory Procedures	*Volume II*
VII.	Statement of Costs	*Volume II*

SUMMARY

The 171.1 km^2 Skukum property, located 80 kilometres south of Whitehorse in southern Yukon Territory, consists of 990 full or fractional Quartz Mining claims and three Crown Grants, which encompass two gold deposits (Mt. Skukum and Goddell) and one gold-silver deposit (Skukum Creek).

The Mt. Skukum deposit (Lake Zone), which includes the past producing Skukum gold mine (Main Cirque Zone), is hosted in pyroclastics and porphyritic andesitic rocks of the Mt. Skukum Volcanic Complex. Gold mineralization is associated with epithermal quartz-carbonate veining within fault and shear zones on the caldera margin. The Skukum Creek deposit (Rainbow and Kuhn zones) and Goddell deposit (P.D. Zone) are hosted in Mid-Cretaceous granodiorites, quartz monzonites and granites of the Coast Plutonic Complex. Gold mineralization is associated with polymetallic veins composed of quartz, sulphides and carbonates within fault and shear zones, outside of the Mt. Skukum Volcanic Complex.

The 2001 exploration program, carried out between August 6th and October 28th, 2001, consisted of prospecting and confirmation rock sampling at the Raca Zone and north and west of King Canyon. Detailed geological mapping and rock sampling was undertaken at the Taxi Zone and King Canyon at Skukum Creek. A total of 1,502.35 metres of diamond drilling in 4 drillholes tested the Ridge Zone and Zone 2 at Skukum Creek. Three historical diamond drillholes from the Ridge Zone and three from the Raca Zone were re-logged, re-sampled and infill sampled.

Detailed mapping and sampling of the Taxi Zone in the Skukum Creek area has indicated that the veins occupy a steeply dipping, southwest-striking joint set within the host granodiorite and represent a conjugate fracture set to the Rainbow-Sterling/Kuhn Faults. Two primary veins are present, with veins attaining maximum widths of 0.12 metres and strike lengths of at least 220 metres. Rock sampling returned grades of up to 56.27 g/t and 638.3 g/t Ag over 0.12 metres from the Eastern Vein and 28.74 g/t Au and 2,997.7 g/t Ag over 0.05 metres from the Western Vein.

Current diamond drilling at the Ridge Zone encountered both the Kuhn Fault and the Zone 2 structure. Mineralization within the Kuhn Fault is hosted within quartz-sulphide veins and breccias and sulphide matrix heterolithic breccias. Sampling returned up to 3.84 g/t Au and 251.1 g/t Ag over 2.05 metres (SC01-1). The Zone 2 structure is subparallel to, and 30-40 metres into the footwall of the Kuhn Fault. Mineralization consists of quartz-sulphide breccia including strong shear zones, which hosts quartz veins and disseminated sulphide mineralization. Current drilling returned significant results over narrow intervals including 40.37 g/t Au and 243.2 g/t Ag over 0.42 metres (SC01-4). This intersection represents the highest gold grade returned from Zone 2 to date.

Multi-element analysis of core samples from the Ridge Zone has indicated a pattern of base metal (copper, lead and zinc) enrichment in the Skukum Creek deposit, controlled and bounded by the Kuhn Fault to the southwest and the King Canyon Fault to the northeast. This base metal enriched zone, which includes the Ridge Zone and Zone 2, has been interpreted to be a part of a larger scale "base metal trend" connecting the Skukum Creek deposit to the Goddell deposit, located 7 kilometres to the east-northeast.

A two phase recommended work program of geological, structural and alteration studies, underground development, diamond drilling and resource estimation is estimated to cost C$700,000 for Phase I and C$2,000,000 for Phase II.

1.0 INTRODUCTION

The following report has been prepared on behalf of Tagish Lake Gold Corp. for fulfillment of assessment requirements on the Skukum Property.

The exploration program commenced August 6, 2001 with field work ending on October 28, 2001. CME Consulting Ltd. carried out all field work under the supervision of Christopher O. Naas, *P.Geo.* Field work included regional and detailed geological mapping, rock sampling, re-logging, re-sampling and infill sampling of drill core from historical drillholes, and diamond drilling.

2.0 DISCLAIMER

In the disclosure of information relating to legal, title and related issues, the author has relied on information provided by the Mining Recorder of Whitehorse, Yukon, and by Tagish Lake Gold Corp. The author disclaims responsibility for such information. The disclosure represents no legal opinion of the author.

3.0 PROPERTY DESCRIPTION AND LOCATION

The Skukum property ("the Property") is located within the Whitehorse Mining District in southwestern Yukon Territory, approximately 80 kilometres south of Whitehorse (Figure 1). The property is centered at approximately 60°10'N latitude and 135°30'W longitude within NTS map sheet 105D/3.

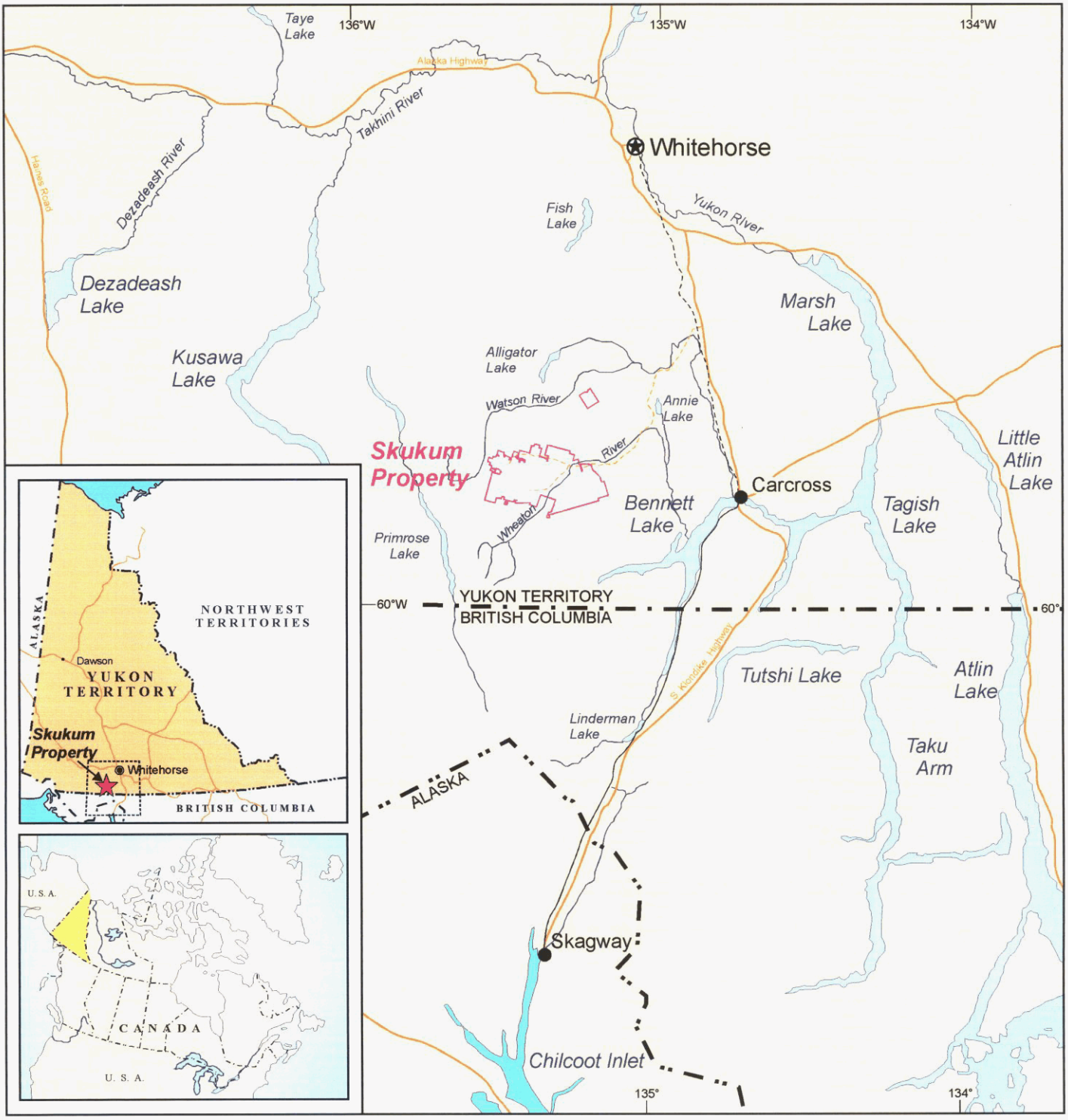
The 171.1 km^2 Property consists of 990 full or fractional Quartz Mining claims and 3 Crown Grants which encompass the Skukum Creek gold-silver deposit, the Goddell gold deposit, the past producing Mt. Skukum gold mine as well as additional gold showings. A claim map presenting the claims for which assessment credit is applied is presented in Figure 2

3.1 TITLE

On December 1, 2000, Omni Resources Inc. ("Omni") and Trumpeter Yukon Gold Inc. ("TYG") amalgamated to form Tagish Lake Gold Corp ("TLG").

As of the date of this report, the claims that comprise the Property are currently registered under Omni (658 claims including the three Crown Grants) and TYG/Omni (231 claims, 50/50 joint ownership). Personnel of CME Consulting Ltd. ("CME"), on behalf of TYG and TLG, have staked and hold in trust a total of 72 claims.

The claims for which assessment credit is being applied are summarized in Table 1. An exhaustive list of all Skukum Property claims with expiry dates is presented in Appendix II.



0 20km

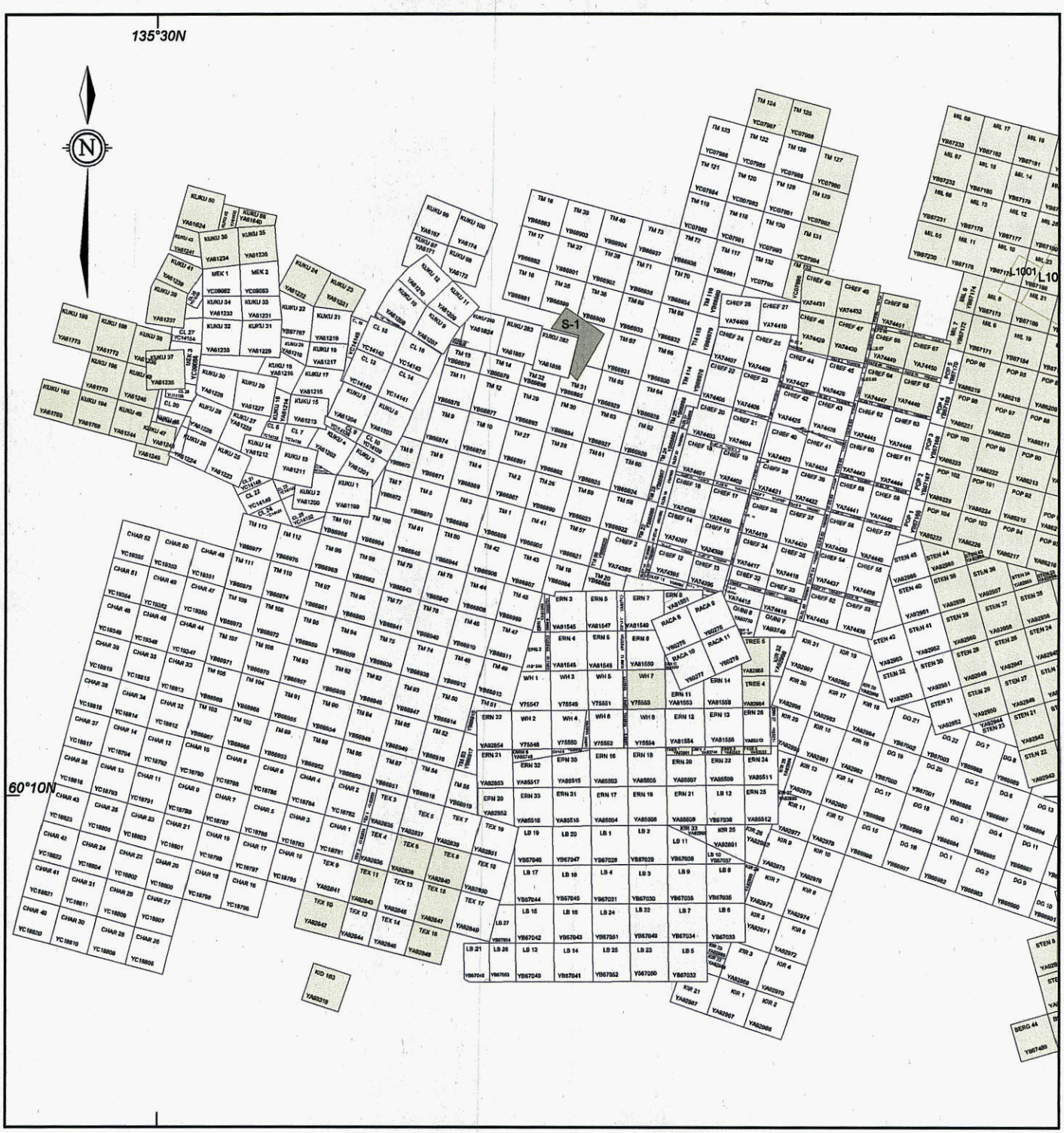
TAGISH LAKE GOLD CORP.

LOCATION MAP

Skukum Project
Whitehorse M.D., Yukon Territory, Canada

Project No:	CP56A	By:	NH
Scale:	1:1,000,000	Drawn:	TV
Figure:	1	Date:	June 2002

CME



LEGEND

CHAR 15 YC19795 — Skukum Property assessment claim

TEX 10 YA92842 — Other Skukum Property claim

First Nation staking reserve (Carcross-Tagish)

Surface lease (Mt. Skukum mill and tailings site)

0 2km

NTS 105D/3, 4

TAGISH LAKE GOLD CORP.

CLAIM MAP
SKUKUM PROPERTY

Skukum Project
Whitehorse M.D., Yukon Territory, Canada

Project No:	CP56A	By:	W.M.R.
Scale:	~1:66,000	Drawn:	TV
Figure:	2	Date:	June 2002

CME

Table 1: Claims List, *Skukum Property*

Claim Name	Claim Number(s)	Grant Number(s)	Owner	% Ownership
RACA	8-11	Y60275-Y60278	Omni	100
WH	1-6	Y75547-Y75552	Omni	100
	8	Y75554	Omni	100
KUKU	1-6	YA61199-YA61204	Omni	100
	9-15	YA61207-YA61213	Omni	100
	17-18	YA61215-YA61216	Omni	100
	20-21	YA61218-YA61219	Omni	100
	25-28	YA61223-YA61226	Omni	100
	30	YA61248	Omni	100
	32-34	YA61230-YA61232	Omni	100
	97-100	YA61671-YA61674	Omni	100
	250-251	YA61824-YA61825	Omni	100
	282-283	YA61856-YA61857	Omni	100
	22	YB97767	Omni	100
CHIEF	2	YA74385	Omni	100
	12-27	YA74395-YA74410	Omni	100
	32-45	YA74415-YA74428	Omni	100
	52-63	YA74436-YA74446	Omni	100
ERN	1-15	YA81543-YA81557	Omni	100
	16-22	YA85503-YA85509	Omni	100
	24-27	YA85511-YA85514	Omni	100
	30-33	YA85515-YA85518	Omni	100
TEX	1-5	YA92833-YA92837	Omni	100
	7	YA92839	Omni	100
	9	YA92841	Omni	100
	12-14	YA92844-YA92846	Omni	100
	18-19	YA92850-YA92851	Omni	100
	21-22	YA92853-YA92854	Omni	100
STEN	30	YA92951	Omni	100
	32	YA92953	Omni	100
	40-42	YA92961-YA92963	Omni	100
	45	YA92966	Omni	100
KIR	1-33	YA92967-YA92999	Omni	100
OMNI	1	YA93743	Omni	100
	3-12	YA93745-YA93754	Omni	100
GLEE	1-12	YA93875-YA93886	Omni	100
	16-20	YA93890-YA93894	Omni	100
	22	YA93986	Omni	100
	37-46	YA93911-YA93920	Omni	100
	59-66	YA93993-YA94000	Omni	100
	71-78	YA94005-YA94012	Omni	100
TM	1-14	YB66866-YB66879	Omni/TYG	50/50
	16-20	YB66881-YB66885	Omni/TYG	50/50
	22-32	YB66886-YB66896	Omni/TYG	50/50
	35-117	YB66899-YB66981	Omni/TYG	50/50
	118-123	YC07981-YC07986	Omni	100
	126	YC07989	Omni	100
	128	YC07991	Omni	100
	130	YC07993	Omni	100
	132	YC07995	Omni	100
DG	1-7	YB66982-YB66988	Omni/TYG	50/50
	9-13	YB66989-YB66994	Omni/TYG	50/50
	15-22	YB66995-YB67003	Omni/TYG	50/50

Table 1: Claims List, *Skukum Property (continued)*

Claim Name	Claim Number(s)	Grant Number(s)	Owner	% Ownership
LB	1-27	YB67027-YB67054	Omni/TYG	50/50
MIL	1-5	YB67166-YB67170	Omni/TYG	50/50
PUP	29-30	YB97801-YB97802	Omni	100
MEK	1-3	YC07996-YC07998	Omni	100
CL	6-10	YC14135-YC14139	L. Crittenden	100
	13-18	YC14140-YC14145	L. Crittenden	100
	21-27	YC14148-YC14154	L. Crittenden	100
	29-30	YC14156-YC14157	L. Crittenden	100
CHAR	1-43	YC18781-YC18823	C. Naas	100
	44-52	YC19347-YC19355	C. Naas	100

4.0 ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE AND PHYSIOGRAPHY

4.1 ACCESSIBILITY

The Property can be accessed by all-weather road from Whitehorse. Road access from Whitehorse is gained by travelling southeastward on the Alaska Highway for 19 kilometres to Carcross Corner, then south on the South Klondike Highway a further 22 kilometres to the Annie Lake turnoff. The 28 kilometre Annie Lake road is a government-maintained 2 lane gravel road that heads west to the Wheaton River. From the Wheaton River crossing, a 4-wheel drive non-maintained gravel road continues southwestward to the Property and on to the TLG trailer camp. The trailer camp is located in the north-central portion of the Property, from which numerous roads and trails provide final access to the individual deposits and showings.

As of the date of this report, the Becker Creek, Wheaton River (second crossing), Butte Creek and Skukum Creek crossings have been washed out. All creeks, except for Skukum Creek, can be forded when water levels are low.

Alternately, the Property can be reached by helicopter from Whitehorse airport, which is 65 kilometres to the north-northwest of the Property.

4.2 CLIMATE

The region is semi-arid, with an average annual precipitation of 37 millimetres, primarily as rain during the summer. Snow accumulation rarely exceeds 150 centimetres. Temperatures range from –30°C in winter to 30°C in the summer. Permafrost is prevalent throughout the area. North facing slopes are frozen year round, with permanent snow-ice fields on the higher peaks, including Mt. Skukum. South facing slopes thaw to depths of rarely more than one metre during the summer.

4.3 LOCAL RESOURCES

The Property is located close to Whitehorse, with good vehicle access. This provides excellent access to an experienced and skilled labour force as well as the necessary services and suppliers required to support future exploration programs.

4.4 INFRASTRUCTURE

The Property hosts the past producing Skukum gold mine. The facilities consisted of a mill, service complex, camp facility, tailings disposal and electric generators. At the time of mine closure in 1988, the camp facility and electric generators were removed, but the mill and service complex remained. The mill, with a rated capacity of 270 t/d, has a conventional flowsheet with crushing, grinding, cyanidation and Merrill-Crowe precipitation of gold with zinc dust, all housed in a single building. The condition of the mill is not known.

The existing tailings pond has an estimated capacity of 700,000 tonnes. The dam is an earth-fill structure, which has been breached to prevent accumulation of surface water behind the structure.

The past producing mine is located 12 kilometres from the mill on the northern flank of Mt. Skukum. There has been extensive underground development undertaken on the Main Cirque, Lake and Brandy zones. The Main Cirque Zone portal is at an elevation of 1,635 metres, while the Lake Zone portal is at an elevation of 1,750 metres.

A trailer camp, with a capacity of 35 people, was installed close to the mill facility for the 1996 exploration program at Goddell. The camp is in good condition with minor repairs required to the interior of the camp. Water for the camp is drawn from a nearby well. The camp was utilized for the current exploration program.

The two other gold deposits on the Property (Skukum Creek and Goddell) have never been mined, but do contain underground development. The underground development was used to assist in the exploration of the mineralized zones at depth.

At the Skukum Creek, a production-size adit has been driven at the 1300 metre elevation, with access to both the Rainbow and Kuhn zones. A footwall drift has been driven parallel to the Rainbow Zone. Various other facilities, such as a maintenance shop, water supply sump, and drainage have been established on the level. An adit has also been driven at the 1350 metre elevation. There is a footwall drift and crosscut to the Rainbow Zone. In addition, the zone has been drifted over a 200 metre length. A decline driven at -15 % from the 1300 metre level provides access to the 1225 metre elevation.

At the Goddell deposit, a decline was driven at -15 % from approximately the 1015 metre elevation on surface down to the 900 metre elevation in 1996. The purpose of the decline was to provide a location for diamond drilling to further test the deposit at depth.

4.5 PHYSIOGRAPHY

The Property is located within the Boundary Ranges of the Coast Mountain physiographic division. Topography covered by the claims is characterized by steep, rugged mountains. Elevations on the property range from 1,000 metres up to 2,260 metres above sea level. The Wheaton River valley is broad and flat, flanked by steep mountain slopes. Mountain tops consist of mainly rolling, high upland plateaus covered with glacial till and felsenmeer. On a regional scale, outcrop exposure is relatively uncommon.

Valley bottoms are typically underlain by glaciofluvial sediments, with a thickness in excess of 5 metres. Lower slopes above the valley floor are draped by colluvial apron sediments. Slopes above the valley floor to the tree line are populated by forests of spruce, balsam fir, poplar and willow. The tree line occurs at approximately 1,350 metres and above this elevation, alpine grasses, low shrubs and a variety of mosses prevail.

5.0 HISTORY

5.1 OWNERSHIP

Tagish Lake Gold Corp. ("TLG") obtained ownership of the Property on December 1, 2000 through the amalgamation of Omni Resources Inc. and Trumpeter Yukon Gold Inc. ("TYG").

The Property has a long history of interest dating back to the Klondike gold rush. The earliest recorded staking in the area was probably at the Porter vein occurrence in 1898 by F. Corwill and T. Kernan.

Following discovery of high-grade gold veins and tellurides on Gold Hill around 1906, a staking rush in the valley ensued. Areas within the current location of the Property that were staked include Chieftain Hill, Becker-Cochran, Goddell, and Charleston. Claims on Chieftain Hill were reportedly surveyed and taken to lease but no records are available. The three claims covering the Porter showing were surveyed and taken to lease in 1911. The Charleston claim was purchased by M. Watson from J. Hume in 1912, and was optioned to Slate Creek Mining Company in 1921 who carried out the development of the two adits. By 1922 the claim was returned to the owner.

In 1922, claims were staked covering the anomalous gold and antimony showings at Skukum Creek by J. Stenbraten.

Interest in the area waned between World War I and II, with many claims allowed to lapse, though some restaking of the known showings occurred.

The Charleston claim was legally surveyed and taken to lease some time in the 1950's. Between 1953 and 1962 ground over Skukum Creek was restaked at least three times.

In 1964, Yukon Antimony Corporation became interested in the Wheaton River area for it's copper and antimony potential. Between 1964 and 1967, Yukon Antimony acquired or staked claims over much of the Property area including Becker-Cochran, Skukum Creek, Chieftain Hill (including the Raca showing), Goddell, Porter and immediately south of the Charleston mining lease.

In the early 1970's, the Yukon Antimony claims lapsed. The Raca area, across from Skukum Creek, was restaked by Secord Investments Ltd. and Laura Developments Ltd. in 1971 and later sold to Chatham Resources Ltd. in 1973. The Skukum Creek area was re-staked by W. Kuhn in 1973. El Paso Mining and Milling Co. optioned the claims from Kuhn in 1974 but returned them in 1976.

Berglynn Resources Inc. staked the Becker-Cochran area in 1974. The ground was optioned to Con-Am Resources Ltd. in 1976, but the option was dropped one year later. Con-Am staked the Goddell area in 1976 and also acquired the Skukum Creek ground in 1977. In 1980 the claims covering the Skukum Creek area (WH claims) were transferred from W. Kuhn to E. Bergvinson.

Immediately north of the Charleston Mining Lease to the west of Skukum Creek, the NAT Joint Venture (Armco Mining Exploration and Chevron Canada Ltd.) staked ground in 1979, but allowed their claims to lapse by 1980.

In 1981, Agip Canada Ltd. (Agip) discovered gold in the Mt. Skukum area. Subsequent exploration lead to the outlining of the Mt. Skukum gold deposit. Mining by Mount Skukum Gold Mines Limited (a joint venture between Total Erickson Resources Ltd. and Agip) occurred on one vein, in the Main Cirque Zone, between February 1986 and August, 1988.

The discovery of the Mt. Skukum gold deposit prompted a staking rush throughout the Wheaton River area. From 1981 to 1984, Agip continued to add to their land package, by staking north of the Charleston area, covering the Twist and Watusi showings. At Skukum Creek, Omni acquired the Skukum Creek claims in 1984 by negotiating an agreement with the claims owner. From 1985 to 1989, Omni continued to add to this package through acquisitions and further claim staking. Also in 1984, Berglynn staked claims from Goddell to Becker Cochran, as well as ground to the south on Carbon Hill.

In 1984, the Charleston Mining Lease was optioned to Shakwak Exploration Co. who also staked claims surrounding the Lease. Surface work was undertaken from 1985-1989 by Shakwak with joint venture partners Island Mining and Exploration Co. Ltd. (1987-88) and Total Energold (1988-89). Work on the Agip claims to the north was undertaken by joint venture partners Kerr-Addison Mines Ltd. (1984-1986), Pacific Trans-Ocean Resources Ltd. (1987-1988) and Northern Minerals Ltd. (1989).

Also in 1984, the three Crown Grants over the Porter veins were purchased by B. Wilson who also staked several claims surrounding the Crown Grants. These claims were transferred to Skukum Gold Inc. in 1989. The Crown Grants currently are registered under Omni. It is not known when the transfer of ownership took place.

In 1991, Wheaton River Minerals Ltd. (Wheaton) purchased the Mt. Skukum claim group and the 300 t/d mine from Mount Skukum Gold Mining Ltd. In 1994, Omni purchased the claims and mill from Wheaton. From 1995 to 1999, Omni added to their claim package in the Mt. Skukum area through claim staking.

At Goddell, Arkona Resources Inc. (formally Berglynn) and 276 Taurus Ventures Ltd. entered into a joint venture in 1994. The following year, Omni negotiated an agreement with Arkona and Taurus to acquire a 70% interest in the claim group covering the Goddell, Porter and Becker-Cochran showings.

By 1995, the past producing Mt. Skukum gold mine and surrounding area, the Skukum Creek and Goddell area were controlled by Omni while the Charleston area remained under the control of Shakwak. The Charleston mining lease remained under the ownership of D. Watson.

As a result of an agreement negotiated in 1996 between TYG and Omni, TYG acquired 50% interest in Omni's Skukum Property holdings in 1997.

From 1997, Omni and TYG jointly managed the exploration programs undertaken at the Mt. Skukum, Skukum Creek and Goddell areas until the amalgamation of the two companies into Tagish Lake Gold Corp. in December 2000.

In 2000, the Charleston mining lease and the Shakwak claims lapsed and TLG (then Trumpeter Yukon Gold Inc.) restaked the area as the current CHAR claims, consolidating what has historically been a complex land position for the first time.

5.2 EXPLORATION HISTORY AND RESULTS

Due to the long exploration history of the Property, historical work and results are described by geographic area. Unique zones and showings within these areas are further described under these headings.

5.2.1 Mt. Skukum Area

Anomalous gold in sediment samples from Butte Creek led to the staking of the property in 1980. Subsequent exploration from 1981 to 1985 located and defined the Main Cirque Vein and led to the decision to commence production in 1986. Mining began in the fall of 1986 and terminated in the spring of 1988.

A total of 233,440 tonnes were processed in the plant, recovering some 2,500 kilograms (77,790 tr. oz) of gold (Naas and Rodger, 1999).

Numerous other precious metal bearing veins were discovered in the Mt. Skukum area, the largest of which were the Lake and Brandy Zone veins.

The Lake Zone was discovered in 1982 as the regional exploration program in the Mt. Skukum Complex was expanded. Drilling up to 1988 delineated three vertically plunging shoots of gold-bearing vein material within a mineralized structure approximately 550 metres in strike length. Regional prospecting suggested the host structure continues to the south although in this region it is covered by talus. The economic viability of the reserves calculated for the Lake Zone was questioned during test mining in the early part of 1988 and Total Energold commissioned an internal audit of mineralized reserves in the summer of 1988. The principal problem was continuity of gold grade between drill intersections although grades of 17 g/t Au over 1.5 metres were commonly encountered in the vein.

The Brandy Zone was identified in 1982 by soil geochemistry and prospecting. Between 1983 and 1988, a total of five veins were encountered by diamond drilling and trenching of which probable ore reserves were delineated on two of the veins. Drill intersections include 27.02 g/t over 1.85 metres and 16.80 g/t Au over 2.14 metres. Underground chip sampling encountered 8.16 g/t Au over 1.5 metres width and 32 metres length (Westervelt, 1988).

Many other smaller veins were also known, though generally small and of limited strike potential, though often carried substantial gold and silver grades. These include, in no particular order, the Fox, Pika, Marmot, Wolverine, Wanda, K-9, Falls, and Gully veins.

5.2.2 Chieftain Hill Area

The earliest work is reported to be trenching undertaken between 1906 and 1910 on the Morning and Evening veins. Yukon Antimony constructed a tote trail and conducted bulldozer trenching in 1964-1965. In 1986, the Morning and Evening Veins were relocated by Agip/Total Energold, in an area of anomalous contour soil samples. The area was referred to as the Morning Gulch.

In 1987, the Evening Grid was surveyed to cover the area of the Morning and Evening Veins after prospecting led to the discovery of the Johnny B. Vein in Morning Gulch. Subsequent geological mapping at 1:1,000 scale on the grid led to discovery of many quartz-calcite veins including the Ocean, Better B., and Pristine Veins. Soil geochemistry, prospecting, trenching, 1:200 scale mapping and ground geophysics including mag, VLF-EM, HLEM and IP were conducted over the grid area. Seven diamond drill holes totaling 894.18 metres were drilled to test the Evening, Pristine, Better B., Johnny B. and Ocean Veins. Maximum drill assay results of 1.37 g/t Au and 116.91 g/t Ag over 0.15 metres in the Evening Vein and 9.43 g/t Au and 87.77 g/t Ag over 1.42 metres in the Ocean Vein were obtained (Reddy and McDonald, 1989).

Exploration in 1988 included 901.92 metres of diamond drilling in eight holes, trenching, rock sampling and an HLEM geophysical survey. Holes 88-398, -399, -407 and -412 were drilled to test the Ocean Vein and holes 88-408, and -411 were drilled to test the Morning Vein. The HLEM survey indicated a continuation of the Ocean structure 300 metres to the east of the outcrop exposure. One bulldozer trench was excavated on the HLEM trace of the

Ocean Vein and a 0.7 metre wide fault zone oriented at 076/84NW with anomalous gold and silver values was revealed. The Ocean Vein remained open in all directions in 1988.

Exploration in 1989 included grid establishment, HLEM and ground magnetic surveys, limited prospecting and diamond drilling totaling 1,803.97 metres in seven holes. With this drilling, the Ocean Vein had been tested along a strike length of 580 metres with a dip extent from 1,250 metre to 900 metre elevation. Results included 1.44 g/t Au and 173.14 g/t Ag over 0.96 metres. Intersections were found to decrease in width to the east. The most easterly intersection, drill hole 89-561, returned 0.48 g/t Au and 97.37 g/t Ag over 0.2 metres (Reddy and McDonald, 1989)

Wheaton River Minerals tested the Ocean Vein in 1991 with three diamond drillholes totaling 1,033.5 metres. Results included 0.96 g/t Au and 317.1 g/t Ag over 3.86 metres (Doherty, 1992).

In 1997, Omni undertook a five hole, 608 metre diamond drill program to test the eastward extension of the Ocean Vein. Intersections averaged 40 to 50 metres vertically from surface. The best result was from drill hole OC97-2 which returned 1.30 g/t Au over 1.53 metres. The vein remains open to the east as the most easterly drill hole (OC97-5) intersected 0.72 g/t Au over 1.25 metres (Elliott, 1997).

Raca Zone

The Raca Zone occurrence occurs on the south-facing cliffs of Chieftain Hill, directly across from the Skukum Creek deposit. This ground was staked and explored for copper by Yukon Antimony in 1965. Exploration consisted of mapping, rock chip sampling and an IP survey followed by one diamond drillhole between 1967-1968. Rock sampling returned 0.05% to 1.12% Cu with an average of 0.42%.

The area was restaked in 1971 with further rock sampling carried out in 1972 that returned an average of 0.11% Cu and 24 g/t Ag (Minfile 105D023).

In 1985, Omni drilled a single reverse circulation drillhole near Skukum Creek below the Raca occurrence to test the strike extension of the newly discovered gold-silver bearing Rainbow-Road Zone. The following year this hole was extended by diamond drilling and encountered 0.41 g/t Au and 2,407.5 g/t Ag over 0.19m (Omni corporate files, 1986). The work by Omni focussed on the structurally controlled gold-silver mineralization found at lower elevations than the surface exposures of copper mineralization.

In 1997, three drillholes totaling 847.65 metres were collared at the Raca Zone by Omni. Drilling intersected 2.66 g/t Au and 561.37 g/t Au over 3.61m and 3.05 g/t Au and 205.72 g/t Ag over 1.29m (Omni corporate files, 1997).

5.2.3 Skukum Creek Area

No reports have been found documenting the results of the work completed from the original staking of the ground in 1922 to the involvement of Omni Resources in 1985. A 12 metre adit, some shafts and trenching were completed between 1923-1929. The second adit was driven in 1937 and was 40 metres long. Yukon Antimony built a tote trail to the showings and did some trenching in 1965.

In 1985, the first documented, systematic exploration program at Skukum Creek was undertaken. Work included geological mapping, trenching, soil sampling, diamond drilling and reverse circulation drilling which outlined 10 anomalous areas (Forster *et. al.*, 1986).

The 1985 program started with a 100 metre by 50 metre centred soil sampling survey. This was followed with bulldozer trenching and road building, hand trenching, 23 diamond drillholes totaling 2,322.64 metres and four reverse circulation drillholes totaling 560.82 metres. The program discovered significant gold and silver mineralization at the Road, Rainbow and Kuhn zones. Three resistivity lines were run as an orientation survey on one of the targets tested by reverse circulation drilling. Colour and black & white aerial photography was flown by Northwest Survey Corporation, from which a topographic base map was created.

Results from a soil sampling survey returned anomalous gold and silver values from the C horizon over the Rainbow and Road zones. Samples returned up to 11.52 g/t Au and 214.29 g/t Ag (Forster *et. al.*, 1986).

Ten diamond drill holes were drilled into the Rainbow Zone at approximately 30 metre centres giving the zone a strike length of 110 metres and an average thickness of 4 metres. Drillhole 85-21, in the uppermost, southerly explored area, returned the highest assay in the zone at 25.03 g/t Au and 3,516.00 g/t Ag over a 0.93 metre core length (Forster *et. al.*, 1986).

The Road Zone lies on strike, 40 metres northeast of the Rainbow Zone. Seven drillholes tested the zone at roughly 30 metre to 60 metre centres along a 140 metre strike length. Drill hole 85-10 returned 4.62 g/t Au and 20.21 g/t Ag over 4.67 metres (Forster *et. al.*, 1986). Reverse circulation drillhole RDH85-3 tested the presumed strike extension of the zone, 275 metres northeast across Skukum Creek. No results were found for this drill hole, but results were reported to be low.

Hand trenching across the Sterling Zone, 160 metres southwest of drillhole 85-21 (last hole at the Rainbow Zone for 1985) returned 10.94 g/t Au and 1,325.14 g/t Ag over 4.6 metres (Forster *et. al.*, 1986).

The Kuhn Zone was tested by two hand trenches, surface chip sampling and geological mapping. Results included 2.33 g/t Au, 97.0 g/t Ag over 0.50 metres and 5.42 g/t Au, 115.5 g/t Ag over 0.15 metres (Forster *et. al.*, 1986).

The Ridge Zone lies on strike, 250 metres west of the Kuhn Zone, where three diamond drillholes and shallow trenches tested the zone. Two parallel vein breccia zones, 20 metres apart and andesite dykes in granodiorite were located. Drilling returned up to 3.45 g/t Au and 183.77 g/t Ag over 1.16 metres. Trenching failed to reach bedrock, but sampling of the overburden returned grades up to 9.33 g/t Au and 2,151.08 g/t Ag (Forster *et. al.*, 1986).

Rock sampling at the Bonanza Zone, located on the south side of the main ridge facing Berney Creek, returned 2,171.45 g/t Au and 1,077.60 Ag from a 15 centimetre quartz pod in a one metre wide shear zone. Ten trenches were blasted into bedrock at 10 metre intervals. The best trench assay was 26.91 g/t Au and 169.03 g/t Ag from a 0.3 metre quartz -rich shear zone (Forster *et. al.*, 1986).

Two showings parallel to the Bonanza Zone were trenched and sampled. This included the V.G. Showing, which historical sampling returned 232.46 g/t Au and 1,668.34 g/t Ag from grab samples. Grab samples from a 5 to 30 centimetre wide quartz vein in intensely altered granodiorite at Ernie's Showing returned 29.83 g/t Au and 514.63 Ag with the granodiorite returning 110.74 g/t Au and 844.46 g/t Ag (Forster *et. al.*, 1986).

Trenching and two diamond drillholes tested the Polaris Zone, which is located 500 metres to the southeast of the Rainbow Zone. Results show mineralization to be a skarn unit (?) developed adjacent to an andesite dyke intruding agglomerates of the Skukum Group. Drillhole 85-22 returned 0.75 g/t Au and 12.41 g/t Ag over 3.87m.

Trenching, surface sampling and three reverse circulation drillholes tested the Comstock Zone. Drilling returned low gold values, with a maximum gold result of 0.24 g/t Au (Forster *et. al.*, 1986).

A total of 1.47 kilometres of dipole-dipole apparent resistivity surveying was carried out by Glen E. White Geophysical Consulting and Services Ltd. in three lines at the Comstock Zone. A station spacing of 25 metres was used. The survey outlined an intense conductor that is believed to represent the argillic alteration in Skukum Group volcanics.

During the 1986 field season, the focus was on diamond drilling and detailed mapping of the Rainbow, Road, Kuhn and Sterling Zones. Fifty-three diamond drillholes totaling 8,301.47 metres were drilled. The majority of these drillholes were targeted into the Rainbow and Kuhn Zones. Two drillholes totaling 43 metres were drilled to test the overburden depth and rock quality at a proposed adit site.

Results from the drilling program were encouraging. The Rainbow Zone returned up to 6.19 g/t Au and 695.85 g/t Ag over 4.69m from drillhole 86-R1 and the Kuhn Zone returned up to 11.26 g/t Au and 500.53 g/t Ag over 4.66m (Omni corporate files, 1986). It was also determined the Rainbow and Road zones were the same continuous structure and the Road Zone name was discontinued in use.

In January 1987, a production-sized adit was collared at the 1300 metre elevation level. Between April and July, 823 meters of underground work was completed. A 2.8 by 3.5 metre

adit was driven along the footwall side of the Rainbow Zone and extended to the Kuhn Zone. Two crosscuts were driven through the Rainbow Zone to provide access to the mineralized horizon and to provide a location for underground diamond drilling from the hanging wall side of the fault. (Robinson, 1988).

A total of 80 diamond drillholes totaling 7,446 metres tested the Rainbow and Kuhn Zones in 1987 (69 underground and 11 from surface). Nine of the surface holes were targeted in the Rainbow Zone and two tested for an eastward extension of the Kuhn Zone south of the Rainbow Zone. Of the 69 underground drillholes, 36 tested the Rainbow Zone, 21 tested the Kuhn Zone and 12 tested the Rainbow Zone close to the crosscuts (drillholes 87-TH1 to -TH12). The purpose of the crosscut drilling was to test for correlation between drillholes and underground mapping. Results from this program are not available.

Metallurgical testing of the ore zone was carried out in Vancouver by Bacon, Donaldson and Associates under the direction of Orocon Incorporated. An environmental background study and report was completed by Norecol Environmental Consultants Ltd. A geotechnical study was carried out by Steffan, Robertson and Kirsten to locate a suitable tailings site to treat the waste products from a proposed mill.

The work program for 1988 was divided into two phases. Phase I consisted of underground sampling of the Rainbow and Kuhn Zones. Ten metres of drifting of the Rainbow Zone on either side of the No. 1 and No. 2 crosscuts was undertaken. Work also included a 1.5 by 1.5 metre raise driven in the Kuhn Zone from the 1300 metre Level to the 1350 metre level to intersect a high grade diamond drillhole intersection (88-K27). From the raise, a subdrift was driven along the raise for 38 metres. Sampling returned an average of 29.31 g/t Au and 197.83 g/t Ag over an average width of 2 metres and a strike length of 30 metres (Baril and Lang, 1989).

The Phase II program continued to open up the mineralized zones on several levels. An underground diamond drilling program was also planned to test the Kuhn and Sterling Zones. Underground development during this time totaled 1571.7 metres including a decline from the 1300 metre level to the 1218 metre level, with crosscuts on 1275, 1250, and 1225 metre levels and a second adit at the 1350 metre level. From the 1350 metre level adit, several drawpoints gained access to the mineralized structure at the Rainbow Zone where a total of 106.1 metres of drifting was performed. On the 1300 metre level, 182.6 metres of drifting was carried out on the Rainbow Zone and 79.0 metres of drifting at the Kuhn Zone (Baril and Lang, 1989).

Channel sampling along the face during the course of drifting returned:

(i) 10.18 g/t Au and 423.5 g/t Ag over an average width of 2.64 metres and a length of 89.4 metres at the Rainbow Zone (1350 metre level);

(ii) 5.40 g/t Au and 407.2 g/t Ag over an average width of 2.34 metres and a length of 222.0 metres at the Rainbow Zone (1300 metre level);

(iii) 11.11 g/t Au and 93.5 g/t Ag over an average width of 2.89 metres and a length of 41.0 metres from the Kuhn Zone (1300 metre level); and

(iv) 4.55 g/t Au and 56.0 g/t Ag over an average width of 1.26 metres and a length of 32.0 metres at the Kuhn Zone (1300 metre level).

Channel sampling along the walls of the crosscuts through the Rainbow Zone on the 1250 metre level returned 7.83 g/t Au and 507.9 g/t Ag over 2.17 metres and from the 1225 metre level returned 8.42 g/t Au and 271.4 g/t Ag over 1.55 metres (Omni corporate files, 1988).

A total of 13 underground diamond drillholes totaling 1,416.06 metres were completed during the Phase II program. Five drillholes were drilled to test the Kuhn Zone, two holes were drilled to test the Rainbow Zone along strike southwest of known mineralization, and six holes were drilled to test the Sterling Zone.

At surface, the Phase II program continued with 24 diamond drillholes totaling 5,165.18 metres which tested the Kuhn and Sterling Zones. Surface mapping and geophysical surveying was conducted at the Taxi Zone. A total of 41 rock chips, float and talus fines were collected and seven soil samples were taken from the grid extension of the High Grade soil grid. The highest value came from a 4 cm wide quartz-limonite-magnetite veinlet which returned 685.71 g/t Au and 290.06 g/t Ag.

No record of work is available at Skukum Creek after 1988 until 1996. The 1996 program consisted of de-icing and de-watering of the underground workings, driving a 100 metre long drill drift off the 1225 metre level crosscut to provide a location for diamond drilling. The 15 drillholes totaling 1,646.84 metres tested the down dip extension of the Rainbow Zone (Rodger, 1996a). The results of the program extended the mineralized zone 40 to 170 metres deeper to the 1050 metre elevation. The best result from the drilling program came from drillhole R96-211, which returned 49.18 g/t Au and 528.76 g/t Ag over 10.68m.

No reports were found discussing the 1997 work, but drill logs were obtained stating at least seven drillholes totaling 2,739.47 metres were completed. Four drillholes tested the Ridge Zone and three drillholes tested the Raca Zone (described previously). Two sub-parallel mineralized structures were identified at the Ridge Zone. Drillhole RG97-1 returned 4.56 g/t Au and 83.31 g/t Ag over 0.63 metres from the first southern structure and 5.21 g/t AU and 48.77 g/t Ag over 2.60 metres from the northern structure. Drillhole RG97-2 returned 8.44 g/t Au and 260.0 g/t Ag over 11.67 metres from the northern structure (Omni corporate files, 1997).

The 1998 program consisted of geological mapping, contour and grid controlled soil sampling, HLEM geophysical surveying and diamond drilling over favourable mineralized targets identified by previous exploration programs. A total of 56 rock and 164 soil samples were collected. Five drillholes totaling 1,321.90 metres tested the Taxi, Golden Eagle, Bonanza and Polaris Zones. Although highly anomalous values were returned from the rock and soil sampling programs (up to 376.29 g/t Au, 3,954.17 g/t Ag, 11.78% Pb and 2.26% Zn), no significant results was obtained from the drilling program (Wesa, 1998).

5.2.4 Goddell Area

First recorded exploration in the Goddell area was in 1898 with the discovery of the Porter showing, followed in 1906 with the discovery of the Becker-Cochran and Goddell antimony showings.

At the Porter showing, trenching was undertaken between 1898 and 1905 but no records of results of this work were found. From 1906 to 1915, the claims were surveyed and taken to lease and 335 metres of underground development carried out. Early results of exploration include reports of grades of up to 500 oz/t Ag and up to 50-60% Sb (Wheeler, 1961). It is not known what stage of work this represents. The next record of work was undertaken by Yukon Antimony, which carried out bulldozer trenching in 1965. The Empire vein(s) occurs on the northwest slope of Carbon Hill near a red weathering spur of granite porphyry and pyritized felsite. These veins may be the original discovery veins. Con-Am drilled 671 metres in 10 holes in this area in 1977. Results are not available for this work.

The Becker-Cochran showing had been worked intermittently between 1906 and 1940. Between 1964 and 1967, Yukon Antimony Corporation completed diamond drilling and drove three adits (431.2 metres) at the Becker-Cochran showing. This work defined a mineralized antimony bearing shear zone approximately 300 metres long by 2 metres wide and a vertical extent of 120 metres (Hylands, 1966). In 1974, Belmoral Mines optioned the property and conducted mapping, geochemical sampling and reserve calculation drilling. The program outlined a probable and possible ore reserve of 140,000 tonnes grading 4% antimony (Holcapek, 1974). In 1976, Con-Am Resources Ltd. optioned the property and carried out a 1,255.5 metre diamond drilling program the following year on the stibnite mineralized zone.

The Goddell showing was discovered and staked by Charles Goddell in 1906. A short adit was driven at the Goddell showing at this time and some trenching completed between 1906-1910. Little work was accomplished here until 1965, when Yukon Antimony completed some bulldozer trenching at the head of the gully in which the Goddell showing was exposed. No results are available.

Exploration in the Goddell area increased dramatically in 1984 following the discovery of the Mt. Skukum gold deposit. In 1985, Berglynn completed a 1,632 soil sampling program that covered a 3.4 by 4.9 kilometre area. Five anomalous areas were defined with gold values in the 600 to 1500 ppb Au range (Doherty, 1986b). The anomalies are distinct and covered areas of up to 900 by 200 metres in mostly overburden laden areas of gentle topography. One gold-antimony anomaly was localized over the Becker-Cochran antimony showing, the others were located in areas far removed from previously known mineralization. From the 13 rock samples collected during the 1985 program, a 0.5 metre wide quartz vein located 150 metres below the Goddell Showing returned 2.23 g/t Au. Approximately 400 metres north of the Goddell Showing, in the adjacent gully, a mineralized 0.10 metres wide quartz vein exposed for 10 metres hosted in altered granodiorite adjacent to rhyolite dykes, returned 0.03 g/t Au and 159.43 g/t Ag (Hulstein, 1986).

Stream sediment and talus fine samples were collected from the MOM claims (located south of the Goddell and Becker-Cochran showings). Three consecutive talus fine samples contained 680, 35 and 320 ppb gold in one area of shearing and rhyolite dykes within altered granodiorite on the west face of Carbon Hill (Garagan, 1987a).

In 1984, B. Wilson conducted surface and underground sampling on the Porter showing. Underground sampling returned up to 3.70 g/t Au, 1680 g/t Ag, 7.98% Sb over 0.15 metres. Surface sampling returned 6.86 g/t Au, 2785.4 g/t Ag, 7.40% Sb over 0.25 (Wilson, 1984). Trenching is reported in 1988 but no results are known.

In 1986 a program of geological mapping and rock sampling was designed to follow-up on the five anomalies outlined from the previous soil sampling survey. Adit No. 3 at the Becker-Cochran Showing and the Goddell adit were rehabilitated for mapping and rock sampling. Sampling within the Goddell adit returned 13.03 g/t Au, 82.29 g/t Ag from a grab sample containing greater than 80% stibnite. Follow-up work at the five soil anomalies returned 3.09 g/t Au and 2,605.71 g/t Ag from Antimony Creek; 100-200 ppb Au and 100-130 g/t Ag from narrow quartz veins from the cliffs between Goddell Gully and Antimony Creek; up to 1890 ppb Au from Horseshoe Gulch; and up to 1500 ppb Au from Conglomerate Creek. Sampling within the Becker-Cochran adit returned background gold values (Garagan, 1987a).

In 1987 an exploration program was undertaken to assess the previously determined targets and work them to a drill target stage, then test the high priority targets by diamond drilling. Prior to drilling, a VLF-EM survey was undertaken along roads over the Goddell Fault extensions. At Goldpan Gully, a total of 4.1 kilometres of VLF-EM surveying was undertaken along grid lines spaced 100 metres apart. Bulldozer trenching was undertaken at Horseshoe Gulch, from which 29 samples were taken. A grab sample from a chalcocite breccia returned 3,920 ppb Au (Coster, 1988).

Eleven drillholes totaling 2,854.47 metres tested the Goddell Fault at relatively shallow depths (920-1280m elevation) along a strike length of 250 metres. This drilling was successful in delineating auriferous structures, with the best intersections being 10.9 metres of 2.23 g/t Au and 7.89m of 2.85 g/t Au. Three drillholes totaling 818.08 metres tested the Horseshoe Gulch area, but returned low gold values. Two drillholes totaling 483.72 metres tested the Goldpan Gully area, but results returned low gold values and failed to explain the VLF-EM and geochem anomalies (Coster, 1988).

Drilling in 1988 tested the structure as deep as the 800 metre elevation, below the 1987 anomalous drill intersections. Four drillholes totaling 1,976.33 metres were drilled from which gold values of up to 20.91 g/t Au across a core length of 11.24 metres were returned (88-PG3), (Doherty, 1989). This new gold zone is now referred to as the P.D. Zone (Rodger, 1997).

In 1990, seven drillholes totaling 1,573.08 metres were drilled to the south of the main Goddell structure over a strike length of 250 metres. Two holes intersected gold mineralization of up to 11.18 g/t Au over 0.3 metres. This zone was referred to as the Golden Tusk Zone (Rodger, 1997).

After 1990, the next documented work program was in 1995 when the P.D. Zone was tested by five drillholes totaling 2,855.4 metres. Results of up to 14.2 g/t Au over 6.47 metres extended the mineralized zone to 200 metres long by 100 metres vertical with an average width of 5 metres (Doherty, 1996).

Due to the location of the P.D. Zone within Carbon Hill, it was necessary to drive a decline to provide drilling locations to adequately assess the mineralized zone. In 1996, a 3.5 by 4.0 metre decline was driven approximately 780 metres at a -15% grade from an elevation of 1,015 metres at surface. A total of three drillholes totaling 721.77 metres were drilled in 1996 and 37 drillholes totaling 8,520.78 metres were drilled in 1997. The P.D. Zone was explored over a 400 metre strike length and a vertical extent of 170 metres, from an elevation of approximately 870 metres down to 700 metres (Rodger, 1997).

Significant results for the 1997 drilling include drillhole 97-41, which returned 26.23 g/t Au over a core length of 11.06 metres. The most easterly drillhole from the deposit returned 9.91g/t Au over a core length of 1.6 metres (97-66).

During 1996, Omni drilled two holes (510.23 metres) at the Porter showing and encountered only weak values of antimony (266.7 ppm Sb over 0.9 metres) and background levels of gold. One hole (887.58 metres) was also drilled at Becker-Cochran to test for possible gold mineralization at depth. No significant gold grades were encountered, but results did include 2,509 ppm Sb over 1.0 metres and 278.1 ppm Ag over 1.0 metres (Elliot, 1996).

5.2.5 Charleston Area

The Charleston area consists of a series of apparently related gold and silver showings trending northwest-southeast. The Charleston vein is the southernmost and most important with respect to vein widths and grades. Moving northward, one encounters the Twist Zone, and the Watusi Vein. The Rumba Zone occurs west of the Charleston vein and does not appear to be structurally related. These showings were explored by different operators over the years.

The Charleston Vein was the first discovered showing and has been the subject of the most significant exploration efforts. Exploration during this time primarily consisted of the driving of two adits (61 metres and 30 metres) as well as pitting and trenching. Slate Creek Mining Company drove the adits in 1921 and reported assays of 11.31 g/t Au, 291.4 g/t Ag over an average of 1.05 metres along a strike length of 250 metres.

The Twist-Watusi area was staked in 1979 by the NAT Joint Venture (Armco Mining Exploration and Chevron Canada Ltd.). Rock sampling on the claims returned highs of 1,640 ppb Au and 100 ppm Ag from quartz veins on a ridge (probably the Twist Zone).

Extensive preliminary surface exploration over the entire Charleston trend was carried out following the discovery and subsequent development of the Mt. Skukum gold mine in the early 1980's by Agip and Total Energold.

In 1984, Shakwak rehabilitated old trenches at the Charleston vein as well as excavated several new ones. A new zone was located 105 metres south where results included 14.40 g/t Au, 672.0 g/t Ag over 1.89 metres (McDonald, 1985). Mapping, sampling and further trenching was carried out from 1985-1989 by Shakwak with joint venture partners Island Mining and Exploration Co. Ltd. (1987-88) and Total Energold (1988-89). Trenching by Island Mining in 1986 extended the Charleston Vein 430 metres to the south, and also located several other veins. Grab samples from the trenches to south included 24.56 g/t Au, 34.6 g/t Ag from a quartz vein boulder (Garagan, 1986). Total Energold extensively sampled the Charleston Vein on surface over its exposed strike length in 1988 and rehabilitated the adits in 1989 (Borntraeger, 1990). Several extremely high values were encountered including 205.75 g/t Au, 213.4 g/t Ag over 2.05 metres.

Kerr-Addison performed grid-controlled geochemical surveys, contour sampling and trenching at the Twist Zone north of the Charleston vein in 1985-1986. Sampling of the veins here returned up to 5.76 g/t Au and 1763.0 g/t Ag. In 1987 and 1988, Pacific Trans-Ocean mapped, trenched, sampled and carried out ground geophysical surveys. Rock sampling during this period produced results of up to 6.34 g/t Au and 3,531.4 g/t Ag. Northern Minerals Ltd. continued exploration of the Twist Zone with further trenching and VLF surveying in 1989. Chip sampling in the trenches returned a high of 2,558 ppb Au and 193.9 ppm Ag over 0.5 metres.

No further work was carried out until 1997 when Omni Resources staked the DUKE claims over the Twist Zone, over which limited rock sampling was carried out (Omni, corporate files, 1997).

6.0 GEOLOGICAL SETTING

6.1 REGIONAL GEOLOGY

The Wheaton River area overlies the boundary between the Stikine and Nisling terranes, part of the Intermontane Superterrane. The Stikine Terrane (and Whitehorse Trough Overlap Assemblage) consists of Mesozoic and Paleozoic folded metavolcanic and metasedimentary rocks. The Nisling Terrane consists of metasedimentary rocks of the Late Precambrian or Paleozoic.

The Coast Plutonic Complex intrudes these rocks. It is an elongate composite batholith, primarily mid-Cretaceous in age and is believed to be the magmatic and metamorphic response of accretion of the Insular and Intermontane superterranes. Granodiorite and quartz monzonite is the most common rock types found (Hart and Radloff, 1990).

Both terranes are intruded and overlain by Early Tertiary (primarily Eocene) volcanic rocks.

6.2 LOCAL GEOLOGY

The Whitehorse Trough features a complex assemblage of deformed volcanic and sedimentary rocks consisting of the Triassic Lewes River Group (which includes rocks of the Tally-Ho Shear Zone), the Lower Jurassic Laberge Group and the Jurassic Tantalus Group. The Lewes River Group consists of andesite, basalt and pyroclastic flows, and foliated marine sedimentary rocks. A narrow but continuous unit of limestone, limestone breccia and quartzite has been traced in a northwesterly direction from the west side of Mount Stevens across Tally-Ho Mountain and Gold Hill to the Hodnett Lakes. Interbedded schists occur with the limestone and volcanic rocks of the Lewes River Group. A narrow band of Tantalus Formation conglomerates and Laberge Group siltstones outcrops on Follé Mountain and Idaho Hill, although rocks of these groups primarily outcrop north and east of the Wheaton River/Bennett Lake area.

Cretaceous granitic rocks of the Coast Plutonic Complex are the most common in the district; typically, they consist of fresh quartz monzonite, granodiorite or quartz diorite. Pendants and masses of Nisling quartz-mica schist, gneisses and crystalline limestone occur in the granitic intrusives. The Nisling is of Early Paleozoic and Late Precambrian age.

A younger series of andesite and rhyolite flows, tuffs and agglomerates, mapped as the Tertiary Mt. Skukum Group, intrude and overlie granitic rocks forming volcanic complexes at Mt. Skukum and Mount Macauley. Skukum Group rhyolite and granite porphyry dykes and plugs also intrude Lewes River Group rocks and Cretaceous granodiorites throughout the Wheaton River area.

The geology of the district was initially mapped by Cairnes (1912) and later by Wheeler (1961). A reinterpretation of the regional geology formed part of the metallogenic map by Morrison (1979). A three year joint Federal-Yukon Territorial Economic Development Project mapped the Wheaton River/Bennett Lake area and was published by Hart and Radloff (1990).

Mesozoic and Paleozoic sedimentary and volcanic rocks of the Whitehorse Trough are deformed and generally metamorphosed to at least lower greenschist facies. These units trend north to northwest and are internally complex.

Structurally, the area features major faults, primarily along river valleys, associated with movement in the Coast Plutonic Complex and with Early Tertiary volcanism at Mt. Skukum, Mount Macauley and Montana Mountain. The Skukum Group volcanic rocks are equivalent to the Sloko Group of northern British Columbia and the Mount Nansen Group of central Yukon (Davidson, 1989). Late stage features of Skukum Group volcanism include dacite, rhyolite and granite porphyry dykes, emplaced in fracture and fault zones around the volcanic complexes, and quartz or quartz carbonate veining with significant precious and base metal mineralization.

6.3 PROPERTY GEOLOGY

Five rock units underlie the Property. Jurassic to mid-Cretaceous granodiorites and quartz monzonites of the Coast Plutonic Complex underlay the central, south and western areas of the property. At the western edge of the Property, these intrusives contact the Nisling metamorphic rocks. Located in the central and eastern areas of the Property are lesser occurrences of Jurassic sediments and Cretaceous Mt. Nansen Group volcanics. Eocene felsic volcanics (andesites, rhyolites, agglomerates, tuffs) of the Mt. Skukum Caldera Complex intrude and overlie both the intrusives and metamorphics in the west and northern areas (Figure 3).

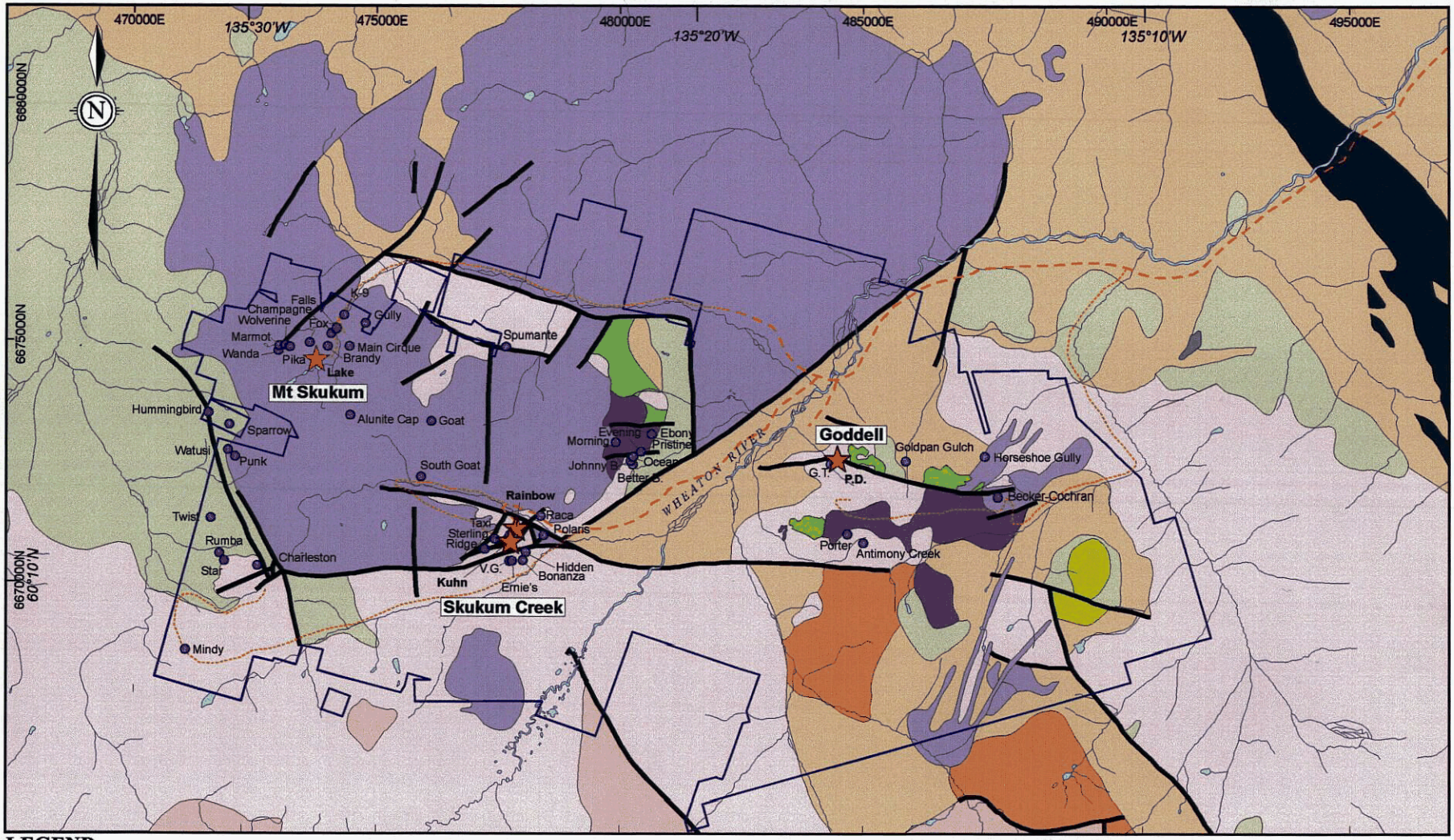
6.3.1 Mt. Skukum Area

The Mt. Skukum area hosts the past producing Mt. Skukum gold mine and occupies the southwestern portion of the Mt. Skukum Volcanic Complex. The Mt. Skukum Volcanic Complex is a sub-rounded, fault-bounded remnant of andesite, dacite, rhyolite, pyroclastic, intrusives and epiclastic sediments 20 kilometres by 11 kilometres long. The volcanic complex is divided into two parts by two north-south trending faults which down-drop the eastern block as much as 300 metres relative to the western block (Pride, 1986). The eastern block is comprised of mainly felsic pyroclastic rocks intercalated with brecciated flow-banded and spherulitic rhyolite lava flows. These felsic units are particularly thick in the northeastern and southeastern parts of the complex where prominent large-scale arcuate fracture systems, large slump blocks, vent facies pyroclastic rocks and other features indicate centres of volcanism and associated margins of nested caldera subsidence. The western block of the Mt. Skukum Complex is underlain by at least 850 metres of andesite, which hosts the Mt. Skukum gold deposit. The andesite unconformably overlies the basement on a highly irregular erosion surface (Jago, 1991).

Gold mineralization in the Mt Skukum area occurs as veins in complex shears and faults on the caldera margin, major cross-cutting faults, and within local, structurally complex fault zones associated with collapse of nested caldera centres (Jago, 1991).

6.3.2 Chieftain Hill Area

The geology of the Chieftain Hill are comprises a basement of Proterozoic Nisling metasediments intruded by Cretaceous granitic rocks unconformably overlain by a narrow basal conglomerate followed by andesitic and felsic Skukum Group rocks. This stratigraphic package is cut by at least one major east-west fault in the north and an irregular, elongate northeast trending rhyolite stock in the south. Metasedimentary rocks (schist, banded gneiss, amphibolite) outcrop predominantly in the northeastern portion of Chieftain Hill. The granitic rocks, typically massive to foliated hornblende granodiorite intrude the metasediments and occur in the northern and eastern areas, at lower elevations. The basal conglomerate is predominant in the northern part of Chieftain Hill, and is likely correlative with other fluvial conglomerates (Jurassic) on the Property (McDonald *et al*, 1990).



LEGEND

GEOLOGY

Tertiary
- Skukum Group volcanics
- Nisling Range Plutonic Suite

Cretaceous
- Mt Nansen Group volcanics
- Coast Plutonic Complex intrusives

Jurassic
- Sediments
- Coast Plutonic Complex intrusives

Proterozoic-Paleozoic(?)
- Nisling Assemblage metamorphics

SYMBOLS

- Showing
- Geologic contact
- Fault
- Property boundary
- Road, all-weather gravel, 4WD only

0 2 4km

UTM Zone 8 North
NTS 105D/3,4,5,6

Topographic data: © Her Majesty the Queen in Right of Canada, Department of Natural Resources. All rights reserved.
Geological data: GSC Open File D3826 (modified)

TAGISH LAKE GOLD CORP.

PROPERTY GEOLOGY MAP

Skukum Project
Whitehorse M.D., Yukon Territory, Canada

Project No:	CP56A	By:	CN, TV
Scale:	1:125,000	Drawn:	TV
Figure:	3	Date:	June 2002

CME

Porphyritic andesitic flow rocks are common in the central area. There is debate on the age of these rocks. The most recent mapping by Hart and Radloff (1990) groups these as Cretaceous Mt. Nansen volcanics, while detailed mapping by Mt. Skukum Gold Mining in 1989 suggests these to be related to Skukum Group rocks due to similarities to rocks in the Mt. Skukum area. Felsic pyroclastic rocks (typically lapilli tuffs) overlie the intermediate flow rocks toward the southern flank of Chieftain Hill.

Numerous small late-stage intrusive rocks cut basement and volcanic stratigraphy including andesite and rhyodacite dykes, rhyolite dykes and stocks, and pebble dykes (McDonald *et al*, 1990).

6.3.3 Skukum Creek Area

The Skukum Creek area hosts the Skukum Creek deposit. Surface geology of the Skukum Creek area is limited due to the lack of significant outcrop, which is generally found at the upper ridge flanks. Glacial and fluvial deposits as well as talus cover much of the lower slopes and valley floors. Sporadic exposure and drilling has identified conglomerates and siliciclastic sediments along the south side of Skukum Creek and are thought to be the basal conglomerate unit which unconformably overlies basement rocks. Leucocratic, equigranular granodiorite of Cretaceous age (111Ma) and part of the Coast Plutonic Complex have intruded and replaced most of the original sediments and now comprise most of the area's subsurface geology. To the north and west of the Skukum Creek area, Eocene Skukum Group volcanics are found. These volcanics are generally felsic to intermediate in composition and include tuffs and agglomerates. The volcanics unconformably overlie the granodiorite. Felsic to mafic dykes intrude all units and are likely genetically related to the Skukum Group volcanics. Most common representatives of these seen in drill core are rhyolite and andesite dykes.

6.3.4 Goddell Area

The Goddell area and deposit is located near the eastern flank of the Coast Plutonic Complex, which is composed of foliated and non-foliated granitoids of Jurassic to Cretaceous age flanked by older volcanic and sedimentary units. Irregular belts of Proterozoic to Paleozoic(?) Nisling Terrane metasediments occur as roof pendants. Eocene Skukum Group rocks locally overlie and intrude the intrusives and roof pendants.

The main structural feature in the area is the Goddell Fault, which strikes 110°. This is in contrast to the numerous lineaments, dykes and faults in the area that generally trend to the northeast, which appear associated to the caldera collapse event. Rhyolite and andesite dykes related to the volcanics are found throughout the area.

6.3.5 Charleston Area

The Charleston area is underlain by three predominant geologic units: the Eocene Mt. Skukum Caldera Complex; the Jurassic-Cretaceous Coast Plutonic Complex; and the Proterozoic to Paleozoic(?) Nisling Assemblage.

Recent sediments cover approximately 70% of the area. The glaciofluvial components are tens of metres thick and fill the valley floors. Felsenmeer of up to 10 metres thick cover the mountaintops.

The Mt. Skukum Volcanic Complex sequence is exposed in the northeastern quarter of the area. It is underlain by an unconformable heterolithic conglomerate derived from basement lithologies. The conglomerate is immediately overlain by intermediate lapilli tuffs and subsequently by rhyodacitic to dacitic flows and epiclastics and breccias. Numerous radiating early andesitic and later rhyolitic dykes cut older surrounding lithologies.

The Cretaceous intrusives of dioritic to granodioritic composition underlie the southern half of the area of interest. The intrusives are medium grained, equigranular with varying amounts of hornblende, locally to dioritic composition. This unit intrudes the Nisling basement metamorphics and is in uncomformable or fault contact with them and the younger Mt. Skukum Complex.

The Proterozoic to Paleozoic(?) Nisling Terrane underlies the northwestern quarter of the area of interest. It comprises sedimentary derived schists and phyllites, volcanic greenstones and amphibolites and granitic gneisses. Remnant sedimentary units include variously altered quartzites of variable purity and limestone units with attendant skarn locally. The basement package is hosted within a northwesterly trending synclinorium.

The entire package has been structurally overprinted by the northwesterly trending regional transcurrent fabric. The later block faulting and dilation was instrumental in creating the conduits for the preferential emplacement of mineralized veins. These large subvertical features are subsequently cut by a number of caldera related radiating fractures and joints which are in turn cut and displaced by later stage subvertical to vertical southeasterly trending right lateral faults.

A prominent fracture set trends northeast to east-northeast and parallels the Berney Creek Fault located approximately 700 metres directly to the south. This main fracture is a splay of the Berney Creek Fault (INAC, 1992). The Berney Creek Fault has been interpreted as the southern boundary of the Mt. Skukum Complex, a caldera collapse structure (Doherty, 1986a).

7.0 DEPOSIT TYPES

Deposit types on the Skukum Property are all structurally controlled (fault/shear/joint) gold ± silver ± base metal (lead, zinc, copper, antimony) bearing veins.

Exploration to date has outlined three principle precious metal deposits: Mt. Skukum gold ± silver deposit (includes the past producing Main Cirque vein and the existing Lake Zone); Skukum Creek gold-silver deposit; and Goddell gold deposit.

The Charleston Vein is of the same classification, though at present no resource potential has been developed on it. The Becker-Cochran antimony deposit is also a structurally controlled shear/vein deposit, but does not contain appreciable gold-silver grades.

7.1 MT. SKUKUM

The Mt. Skukum deposit is located 2.5 kilometres north-northwest of Mt. Skukum within the Mt. Skukum Volcanic Complex. The deposit is a structurally controlled epithermal gold deposit hosted in Eocene volcanics. The deposit currently consists of the Lake Zone and Brandy Zone, as the Main Cirque Vein was mined out in 1988.

7.2 SKUKUM CREEK

The Skukum Creek deposit is located outside the Mt. Skukum Volcanic Complex, 5.25 kilometres southeast of the Lake Zone, on the south side of Skukum Creek. It is a structurally controlled, polymetallic gold-silver, mesothermal vein deposit hosted in Mid-Cretaceous granodiorites. The deposit consists of two principal zones, the Rainbow Zone to the east and the Kuhn Zone to the west.

7.3 GODDELL

The Goddell deposit is located outside the Mt. Skukum Volcanic Complex, 10.5 kilometres to the east of Mt. Skukum and 7 kilometres east-northeast of the Skukum Creek deposit. It is a structurally controlled gold deposit hosted in Mid-Cretaceous granodiorites. The main gold bearing zone, which does not outcrop at surface, is referred to as the P.D. Zone.

8.0 MINERALIZATION

8.1 MT. SKUKUM AREA

Mineralization within the Mt. Skukum area is restricted to gold veins that occur in shear and fault zones located on the caldera margin, along major cross-cutting faults and in local, complex faults zones associated with collapse of the nested calderas. Productive veins in the Mt. Skukum area consist of electrum-bearing quartz-calcite-sericite veins.

Main Cirque Zone

The mined out Main Cirque Vein is hosted within porphyritic andesite cut by various andesite dykes, and in particular a 2-60 metre wide steeply dipping rhyolite dyke along the north-south trending Main Cirque Fault Zone. The ore zone was approximately 200 metres long, 80 metres in depth and on average 5 metres wide. Mineralization consisted of multiple-emplacement electrum- and native silver-bearing quartz-calcite-sericite veins with marginal stockwork and gouge zones. The stockwork veins locally coalesced to form near vertical shoots of massive quartz-carbonate veins. Veins typically occur as 0.5 to 25 metre wide zones of stockwork veinlets 5 millimetres to 2 metres wide, which crosscut rhyolite and porphyritic andesite dykes and hydrothermal breccias. All massive veins narrow at depth and bottom out in quartz-carbonate stockworks (McDonald *et al*, 1989).

Lake Zone

The Lake Zone consists of two interconnected veins of different orientations hosted in gently west-dipping propylitically altered porphyritic andesite and pyroclastic andesite rocks. The veins occur as massive, fine to coarse grained quartz-calcite-sericite veins, re-cemented vein breccias, vein-wallrock breccias, hydrothermal breccias and stockwork. Accessory minerals include generally <1% combined pyrite, pyrrhotite, sphalerite, galena, rhodochrosite, rhodonite and visible electrum.

Drilling and underground development indicates a 50° dipping, 020° trending vein (and associated secondary subparallel veins and splays) interconnects with a vertical 012° vein. The former has a drill indicated strike length of 650 metres, and 230 metre vertical extent. Thickness of the vein varies widely from 0.1 to 10.1 metres, averaging 0.6 metres. The southerly portions of the vein average about 2.5 metres. The latter vein (012° trend) originates to the south as vertical splay. Moving along strike to the north, the vein is generally narrow and discontinuous for 125 metres, until it diverges and becomes thicker and more continuous for the next 250 metres until it intersects the surface. This vein is 0.1 to 7 metres thick, averaging 0.45 metres (McDonald *et al*, 1989).

Brandy Zone

The Brandy Zone comprises a series of up to six subparallel gold-bearing quartz-calcite veins striking 014° and dipping 55-70° west. The veins occur over 150 metres width and a 650 metre strike length. Veins are hosted in flat-lying porphyritic andesite flows and tuffs, which are crosscut by numerous steeply dipping rhyolite and andesite dykes and form part of the Brandy Zone structure. The veins consist of quartz, calcite, sericite and visible electrum. Epidote and chlorite are common as alteration in the wallrock or in vein breccias where the vein material forms the matrix for altered wallrock fragments. The veins range from 0.08 to 2 metres thick and average 0.2 metres (McDonald *et al*, 1989).

Other Zones

The numerous other veins occurring in the Mt. Skukum area show similar characteristics to the primary veins. All veins are typically quartz-calcite-sericite veins and stockworks with

very fine-grained electrum and sulphides. Grades in several of the veins (e.g.. Wolverine, Marmot) may contain economic gold (+silver) grades but often show a very erratic distribution of grade. Gold silver ratios are typically 1:1 to 1:3.

8.2 CHIEFTAIN HILL AREA

Numerous quartz veins are located on the eastern slope of Chieftain Hill. The Better B. Vein, Evening Vein, Johnny B. Vein and Ocean Vein are situated in Cretaceous quartz monzonite to granodiorite intrusives. All trend approximately east-west and have a near vertical dip. These veins lie topographically below, and to the southeast of a large fault (approximately 060° trend). Across the fault and to the northwest lies the Morning Vein, which trends 90° and dips steeply to the north. This vein is topographically higher than the previously mentioned veins and emplaced for the most part in porphyritic andesite of the Eocene Mt. Skukum Volcanic Complex.

The Ocean Vein is probably the largest and most continuous vein in this area. It is a quartz-sulphide vein within a sheared envelope of intensely altered granodiorite intruded by several andesite and rhyolite dykes and cross cut by faulted zones. Intersections are characterized by hanging-wall fault gouge or breccia and some intersections have a rhyolite dyke along the footwall contact. The vein has an intense silicic, argillic and phyllic-altered envelope of granodiorite. The vein is typically comprised of 60 to 80% quartz or brecciated quartz fragments with sulphide filling fractures or forming a sulphide and chlorite-rich matrix. Sulphide minerals include pyrite, galena, sphalerite, arsenopyrite and chalcopyrite (McDonald *et al*, 1989).

Zuran (1987) conducted thin section work on six samples from the Chieftain Hill and Skukum Creek areas. At Chieftain Hill, all veins except for the Ocean Vein were interpreted to be from an epithermal system. The Ocean Vein sample (and the sample from the Rainbow Zone at Skukum Creek) was interpreted to be either from a deeper, base metal horizon of an epithermal system or in a mesothermal system.

The original Raca showing on the southern cliffs of Chieftain Hill appears to be a copper porphyry system, with locally abundant malachite staining on the rocks. Mineralization is found in both Skukum Group volcanics and the granodiorite to quartz diorite intrusives.

8.3 SKUKUM CREEK AREA

The Skukum Creek deposit is wholly hosted within granodiorite to quartz monzonite of the Coast Plutonic Complex. Gold and silver is hosted in quartz-sulphide breccias and pyritized rhyolite breccias. The quartz-sulphide breccias are commonly found at the lithological contacts of the dykes within the fault. Metallic minerals observed include pyrite, chalcopyrite, galena, sphalerite, stibnite, arsenopyrite, pyrargyite, tetrahedrite, argentite, electrum, and native gold (Baril and Lang, 1989).

Hart (INAC, 1992) characterizes the ore zones, hanging wall to footwall, by hanging wall gouge, granodiorite breccia, rhyolite breccia, quartz and quartz-sulphide vein and vein breccia, rhyolite and andesite dykes and occasionally footwall hydrothermal breccia and gouge. He also notes that though the vein mineralogy is similar, the Kuhn Zone exhibits less galena and more arsenopyrite, along with increased gold grades and decreased silver grades.

Thin section work suggests that two phases of mineralization occurred. The first phase was the deposition of pyrite within quartz followed by fracturing, shearing and the subsequent introduction of stibnite, sphalerite, galena, tetrahedrite, chalcopyrite, argentite, and electrum (Baril and Lang, 1989).

Rainbow Zone

This zone strikes 050 to 055°, dipping variably 78 to 83° to the southeast. The defined strike length is 265 metres, and is open along strike. A thick felsic dyke striking to the northwest (INAC, 1992) bounds the zone to the east. The deposit is open at depth with the deepest gold zones located approximately 360 metres below surface, to the 1,050 metre elevation, with no apparent drop in gold and silver grades.

The dominant lithology observed in the core is coarse- to medium-grained granodiorite. Alteration varies from relatively fresh to strong propylitic and argillic (sericite). Alteration generally increases with increasing proximity to the main fault zone. Andesite and rhyolite dykes are encountered near the fault in the zone of weakness or along lithological contacts. Rhyolite dykes are generally found within the fault zones and are highly altered and bleached and auto-brecciated, infilled by quartz and sulphides. They are tan to light green in colour, aphanitic to porphyritic, flow-banded to locally spherulitic.

Gold and silver mineralization is associated with quartz-sulphide breccias and veins and sulphide matrix within heterolithic breccias. Sulphide mineralogy is typically a combination of pyrite, arsenopyrite, sphalerite, galena and lesser chalcopyrite.

The andesite dykes are dark greenish-grey to black and fine-grained to porphyritic and occur more commonly in the footwall (Forster *et. al.*, 1986, Baril and Lang, 1988). These dykes may be incorporated within the fault zone but are poorly mineralized.

The fault itself pinches and swells, attaining widths of 1 to 10 metres, but may reach widths to 20 metres. The contact planes with the competent host rock are well defined, often by clay gouge (Forster *et. al.*, 1986).

Kuhn Zone

This zone strikes 070° and dips steeply 80 to 85° to the southeast. Drilling has defined a strike length of 200 metres and remains open along strike. The zone extends 350 metres below surface to an elevation of 1,240 metres, and remains open at depth.

The Kuhn Zone geology is essentially the same as that described for the Rainbow Zone. The fault zone appears slightly narrower with more pronounced pinching out. In cross section a

split in the fault is observed where the offshoot or splay trends into the Rainbow Zone. At this point a small but pronounced ridge is evident which from drilling appears to consist of dominantly brecciated rhyolite and granodiorite. The resistive nature may be due to quartz flooding within the breccias.

Ridge Zone

The Ridge Zone is the westerly strike extension of the fault structure that hosts the Kuhn Zone. Orientation of the fault and mineralization is similar to the Kuhn Zone. Drilling in 1997 identified a second parallel zone 30-40 metres into the footwall consisting of high-grade quartz-sulphide breccias. Sulphide mineralogy and content is similar to both the Rainbow and Kuhn zones.

8.4 GODDELL AREA

P.D. Zone

The mineralization occurs within a variety of lithologies and is structurally controlled within a 50 to 100 metre wide zone of sheared, altered and brecciated quartz monzonite with andesitic and rhyolitic dykes (Keyser, 1989). Sulphides associated with the deposit include pyrite, stibnite, sphalerite, arsenopyrite and jamesonite. Mineralization is principally located within fine acicular arsenopyrite-pyrite-lithic-quartz-sericite-carbonate breccias and stockwork veinlets. The presence of acicular arsenopyrite crystals within sulphide breccias is an indication of gold mineralization.

The main deposit is located quite deep and appears to thicken with depth as compared to the sulphide breccia intersections found closer to surface. It can be up to 30 metres wide, but appears to be divided into narrower zones to the west and at depth. Also, gold grades tend to increase at depth whereas the mineralization nearer surface is found more as stibnite-rich pods within the fault zone (Rodger, 1997). Orientation of the Goddell deposit is approximately east-west, with a strike length of 400 metres, dipping steeply (80 to 90°) to the south.

Core logging at Goddell revealed several dykes that could be considered as markers. The first encountered is referred to as the North Marker dyke which is commonly a quartz feldspar porphyry dyke. Next, the Middle Marker is rhyolitic, sometimes pyritic, quartz feldspar porphyry that often shows flow-banding textures, unlike the North Marker. Finally, the South Marker is feldspar porphyry, typically with 10 to 20% distinct feldspar phenocrysts. The mineralized zones will almost always occur below the South Marker dyke, but no consistent distance between the lower contact of the South Marker and the commencement of gold mineralization is observed.

Becker Cochran

Mineralization occurs in lenses of quartz and barite within a 2.4 metre wide shear zone cutting the rhyolite plug and andesite. The shear zone trends 130° and is characterized by black, fine-grained pyrite, massive stibnite, along with sphalerite and traces of realgar, orpiment, galena and tetrahedrite in a quartz-barite gangue. On surface the zone has been traced for 30 metres with an attitude of 050/75SW, and is identified by a weathered grey gangue with red and

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yellow streaks and massive sulphide boulders. The shear zone is described as 70% clay-like gouge and 30% hard, siliceous, antimony-bearing rocks (CME, 2000).

Porter

Vein mineralization at the Porter showing is found primarily in three veins. The veins are hosted in faults that locally parallel fine-grained dykes. Two veins are exposed at surface, the other is seen underground. The largest surface vein is traced for 40 metres before disappearing under the talus cover. Vein size varies from 0.25-0.9 metres and oriented 265/50N. Mineralogy of the vein consists of quartz-stibnite-sphalerite and malachite-staining, probably due to the presence of tetrahedrite. The smaller surface vein is found 30 metres uphill from the adit portal and exposed over 7 metres, of which 3 metres are mineralized with quartz-barite(?)-hematite-stibnite-sphalerite-galena-tetrahedrite. Vein attitude is 105°/90°; width is 10-20 centimetres. The third vein is found in the main adit, consisting of two 3 metre segments. One segment parallels the tunnel and is 7-10 centimetres thick. The second vein strikes at a high angle to the tunnel and is 10-15 centimetres thick, comprised of mainly quartz-stibnite-sphalerite and minor tetrahedrite (malachite-stained). Other minerals reported from here include galena, zinkerite, chalcostilbite, plagionite, and covellite (Minfile 105D026).

8.5 CHARLESTON AREA

The Charleston Vein, located 5 kilometres to the west of the Skukum Creek deposit, is on the edge of the Mt. Skukum caldera and is hosted by Cretaceous granodiorite cut by Tertiary rhyolite and andesite dykes. The dykes often follow pre-existing structures and are cut by later faults. The Charleston Vein is one of these pre-existing structures. The vein is 0.15-2 metres thick, strikes 135-160°, dips 30-45°NE and has been traced for 900 metres (Minfile, 105D020).

The vein is vuggy with thick chlorite seams and up to 5% galena, pyrite and minor sphalerite and chalcopyrite. The host rock is sericitized for up to 1.5 metres from the vein boundary and chlorite alteration occurs up to 25 metres from the vein.

The vein has been traced north to the Twist Zone, where it is hosted in a graphitic shear, and along strike to the south for a total strike length of 1.7 kilometres. The Twist Zone is made up of three veins, hosted in graphitic phyllite and minor quartzite, calc-silicates and limestone. They are 0.1 to 2 metres wide and up to 100 metres long, striking 290-313°. The veins are massive and drusy to vuggy. Sulphides include local concentrations of sphalerite, pyrite and galena and limonite is common alteration.

Further north, along the same structural trend, the Watusi Vein occurs within mica schists of the Nisling Assemblage. The vein is a massive milky white quartz-sulphide carbonate vein that is traceable for 300 metres. The vein occurs in two segments, the northern segment averages one metre wide and the southern segment averages 0.5 metres wide. Sulphide mineralogy includes arsenopyrite, galena, chalcopyrite, pyrhotite and pyrite up to 5%, though only trace on average.

9.0 EXPLORATION

The 2001 exploration program commenced on August 6, 2001 with field work ending on October 28, 2001.

Geological mapping and rock sampling was carried out in several areas of the Skukum Creek area. Regional prospecting was carried out at the Raca Zone, on the southwest slopw of Chieftain Hill and north and east of King Canyon. Detailed sampling and mapping was carried out in the Taxi Zone. Surface diamond drilling tested the Ridge Zone at Skukum Creek and re-logging, re-sampling and infill sampling was undertaken on selected drillholes from the 1997 Ridge and Raca Zones.

Field work consisted of the following:

- Rock sampling: 187 rock samples
- Silt sampling: 3 samples
- Regional Mapping: 50 square kilometres
- Detailed Mapping: 14 square kilometres
- Re-logging, re-sampling and infill sampling of historical drillholes: 6 holes, 1,354.46 metres, 402 samples
- Diamond drilling: 4 holes, 1,502.35 metres, 895 samples

Certificate of analysis for surface, drill core and analytical check samples are presented in Appendices IIIa, IIIb, and IIIc, respectively. Surface sample descriptions are presented in Appendix IV. Drill logs for the current and relogged drillholes are presented in Appendices Va and Vb, respectively.

9.1 REGIONAL PROSPECTING

9.1.1 Raca Zone

The Raca Zone is located on the southern flank of Chieftain Hill along the inferred southerly strike extension of the Rainbow Zone. Historically the Raca Zone was staked and explored for copper mineralization due to the presence of malachite staining on outcrop. A one-day traverse collected a total of six rock samples. Rock sample locations with selected results are presented on Figure 4.

The area is marked by prominent cliffs composed primarily of volcanic agglomerates and rhyolite flows and tuffs with local outcrops of orange-red gossanous rhyolite. Large talus cones flank the lower portions of the cliffs and consist of various volcanic rocks including agglomerate, rhyolite and andesite. Outcrop at the base of the cliffs is quartz diorite.

Mineralization in the area consists of malachite and azurite staining with no visible sulphides. Rock sampling returned low gold values but appreciable copper values. Sampling of

malachite stained quartz diorite returned 3,932 ppm Cu (sample 849) and of a red, hematite-altered rhyolite returned 5,652 ppm Cu (sample 551).

9.1.2 Other Areas

Reconnaissance mapping and rock sampling was carried out to the northwest of King Canyon on the western bluffs in an area of numerous rhyolite and rhyodacite dykes. The Coast Plutonic Complex granodiorite-Skukum Group volcanics contact is difficult to locate in this area due to thick felsenmeer cover. Sampling of narrow barren quartz veins returned background gold and silver values except sample 920, which returned 834.1 ppb Au and 67.2 ppm Ag.

Other areas that were prospected included the Ridge, Sterling and Polaris Zones. A quartz-rhyolite breccia float containing pyrite and galena located at the Ridge Zone returned 10.9 ppb Au and 140.9 ppm Ag (sample 902). A second sample from the Ridge Zone, which consisted of coarse brown-weathering quartz-carbonate veinlets with trace galena and pyrite, returned 46.5 ppb Au and 99.0 ppm Ag (sample 755). At the Sterling Zone, a rusty quartz-carbonate vein with limonitic boxwork and pyrite on fractures returned 1.70 g/t Au and 116.2 g/t Ag (sample 754). A gossanous (limonite and hematite) conglomerate from the site of the 1998 drilling at the Polaris Zone returned 15.8 ppb Au and 0.4 ppm Ag (sample 950).

Sample locations with selected results are presented in Figure 4.

9.2 DETAILED GEOLOGICAL MAPPING AND SAMPLING

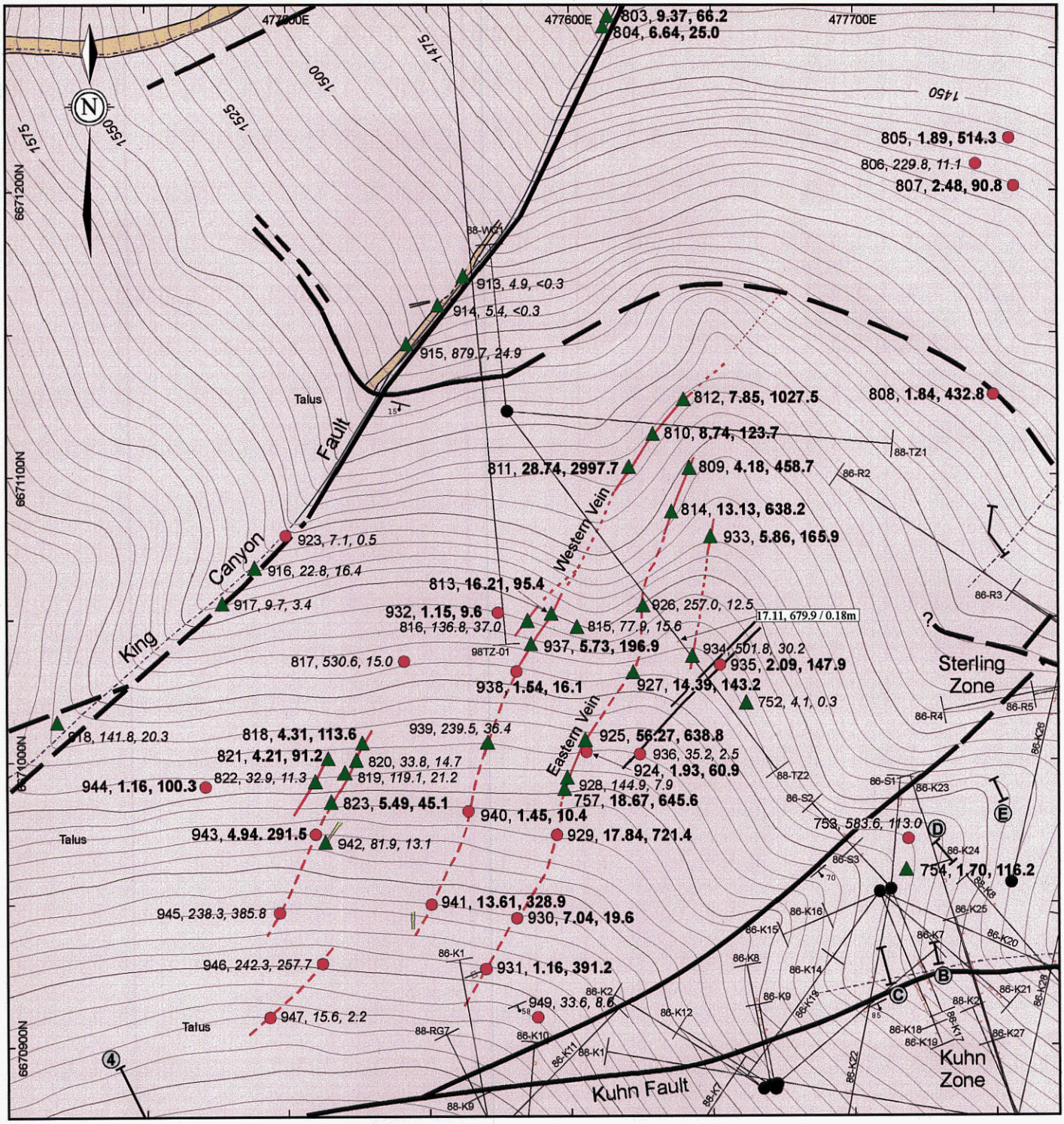
9.2.1 Taxi Zone

The Taxi Zone is bounded to the west by King Canyon and is open to the north and south. The eastern limits of the zone is interpreted to be the Rainbow and Kuhn Faults, located 150 metres east and 400 metres southeast, respectively (Figure 5).

Previous exploration at the Taxi Zone in 1997 was conducted as the King Canyon and St. George Zones. Surface sampling from the previous work produced results as high as 228.86 g/t Au and 5,654 g/t Ag from narrow (3 cm) quartz sulphide veins.

The current work program revealed that zones previously documented as discrete, in fact, comprise a broad zone of multiple, parallel but discontinuous veins hosted in a NNE trending joint set of the mid-Cretaceous granodiorite intrusive. A total of 47 samples were collected from the Taxi Zone, of which 28 returned greater than 1 g/t Au. A list of selected samples is presented in Table 2.

There are three principle joint systems in the area. The joints that host the mineralized veins of the Taxi Zone are oriented at 346° to 039° (average strike of 020°) and dip steeply (85°) to the east. The second joint system is a flat-lying joint pattern that occurs in regular 5-10 metre intervals and creates steps on the surface. They strike 114° and dip 15 to 25° to the west. The third joint pattern is less distinct, striking 063° and dips steeply (85-90°) to the east.



LEGEND

GEOLOGY

- Rhyolite, rhyodacite dyke
- Andesite dyke
- Mt. McNeil Pluton: granodiorite, quartz monzonite

SYMBOLS

- Quartz vein: defined, inferred
- Fault: defined, inferred
- Joint: inclined, vertical
- Fault orientation
- Rock sample location: outcrop, float
- 947, 15.6, 2.2 — Rock sample number and result: Au (ppb), Ag (ppm)
- 823, 5.49, 45.1 — Rock sample number and result (Fire Assay): Au (g/t), Ag (g/t)
- 88-K10 — Diamond drillhole collar, trace, and number
- Significant intersection: ≥ 5 g/t Au
- 17.11, 679.9 / 0.18m — Au (g/t), Ag (g/t) / metres (Taxi Zone intercept only)
- C — Historical trench and name

0 40m

UTM Zone 8 North
NTS 105D/3

TAGISH LAKE GOLD CORP.

GEOLOGY AND ROCK SAMPLING PLAN MAP

Taxi Zone

Skukum Project
Whitehorse M.D., Yukon Territory, Canada

Project No:	CP56A	By:	CN, TV
Scale:	1:2,000	Drawn:	TV
Figure:	5	Date:	June 2002

CME

Shearing and limonite alteration within the NNE joints indicates movement along the joint planes. This movement has been interpreted to be the cause of small, discontinuous dilatant zones within the joint/fault planes, which became favourable traps for later mineralized fluids. These dilatent zones are typically 1 to 4 centimetres wide but can reach widths of 30 centimetres. The quartz-sulphide veins typically occupy the hanging wall side of the joint/fault.

From the numerous mineralized exposures at the Taxi Zone, two parallel vein structures, 30 metres apart from one another, are traceable along strike for 70 metres until they disappear under talus in both directions. Quartz-sulphide float located along strike in talus indicates a minimum strike length of 220 metres for both vein structures. The two vein structures are referred to in this report as the Eastern and the Western veins.

Sampling of the Eastern Vein returned 56.27 g/t Au and 638.8 g/t Ag from a 12 cm wide quartz sulphide (arsenopyrite-pyrite-galena-sphalerite) vein (sample 925). Other rock sample results from this vein include 17.84 g/t Au, 721.4 g/t Ag and 2.46% Pb (sample 929) and 18.67 g/t Au and 645.6 g/t Ag (sample 757).

Approximately 18 metres east and parallel to the Eastern Vein, a narrow (1-2 cm) quartz vein containing fine-grained pyrite and galena surrounded by a narrow but distinct yellow (limonite) alteration halo returned 5.86 g/t Au and 165.9 g/t Ag (sample 933). Despite the narrow nature of the vein it is persistent and traceable over at least 50 metres.

Sampling of the Western Vein returned 5.73 g/t Au and 196.9 g/t Ag over 15 centimeters (sample 937) and 28.74 g/t Au and 2,997.7 g/t Ag over 5 centimetres (sample 811). Further to the west, two 3 centimetre wide quartz veins returned 5.49 g/t Au and 45.1 g/t Ag (sample 823) and 4.21 g/t Au and 92.1 g/t Ag (sample 821).

Table 2: Selected rock sample results, *King Canyon and Taxi Zone*

Sample No.	Au (g/t)	Ag (g/t)	Type	Width (m)
757	18.67	645.6	Float	
805	1.89	514.3	Float	
807	2.48	90.8	Float	
808	1.84	432.8	Float	
809	4.18	458.7	Chip	0.08
810	8.74	123.7	Chip	0.04
811	28.74	2997.7	Chip	0.05
812	7.85	1027.5	Chip	0.03
813	16.21	95.4	Chip	0.08
814	13.13	638.2	Chip	0.07
818	4.31	113.6	Chip	0.04
821	4.21	91.2	Chip	0.03
823	5.49	45.1	Chip	0.03
924	1.93	60.9	Float	
925	56.27	638.8	Chip	0.12
927	14.39	143.2	Chip	0.03
929	17.84	721.4	Float	
930	7.04	19.6	Float	

Table 2: Selected rock sample results, *King Canyon and Taxi Zone (continued)*

Sample No.	Au (g/t)	Ag (g/t)	Type	Width (m)
931	1.16	391.2	Float	
932	1.15	9.6	Float	
933	5.86	165.9	Chip	0.01
935	2.09	147.9	Float	
937	5.73	196.9	Chip	0.15
938	1.54	16.1	Float	
940	1.45	10.4	Float	
941	13.61	328.9	Float	
943	4.94	291.5	Float	
944	1.16	100.3	Float	

King Canyon

King Canyon is a prominent gully/canyon within the granodiorite that is located 100 to 150 metres northwest of the Skukum Creek deposit. The canyon is a major fault splay from the Berney Creek fault, the southern boundary rim fault of the Mt Skukum Volcanic Complex (INAC, 1992).

A total of 22 samples were collected from within the canyon, from which two samples returned greater than 1 g/t Au. These samples were collected from two narrow (1-5 cm) smoky white quartz veins containing minor galena and chalcopyrite mineralization. Both samples were located on the hanging wall side of the fault. Significant results included 9.37 g/t Au and 66.2 g/t Ag (sample 803) and 6.64 g/t Au and 25.0 g/t Ag (sample 804).

Field mapping of King Canyon indicates the fault terminates the northwestern extent of the Taxi Zone. Various rhyolite, rhyodacite and rare andesite dykes are hosted within, and adjacent to the fault. Of particular note is a rhyodacite dyke, traceable for at least 50 metres along the fault strike that is truncated by a flat-lying fault at the 1525 elevation. This flat-lying fault strikes 114 degrees and dips approximately 15 degrees to the south, utilizing an existing joint plane.

Other anomalous gold values from King Canyon include 400.8 ppb Au and 169.2 ppm Ag (sample 908) from a 2 centimetre wide quartz vein (045/85SE) located at the 1335 metre elevation and 879.7 ppb Au and 24.9 ppm Ag (sample 915) from gossanous fault gouge material located at the 1525 metre elevation.

Quartz-sulphide veins of the Taxi Zone were not found within King Canyon.

10.0 DIAMOND DRILLING

A total of four diamond drillholes totaling 1,502.35 metres tested in the Ridge Zone at Skukum Creek. Drilling was undertaken to test the continuity of the gold and silver grades in the Kuhn Fault and to test the second high-grade mineralized zone encountered in 1997 drillholes (RG97-1, -2, and –4), referred to in this report as Zone 2.

The diamond drilling was performed by E. Caron Diamond Drilling Ltd. of Whitehorse, Yukon Territory, utilizing a single Longyear 38 drill rig with a maximum capability of approximately 600 metres with NQ size rods. All drillhole collars were surveyed by EDM (electronic distance measurement) total station utilizing the UTM coordinate system from the metal survey pins established by Mount Skukum Gold Mines Ltd. Down hole surveying utilized a continuous reading digital multi-shot instrument from Icefield Instruments of Whitehorse, Yukon Territory. The instrument measured azimuth, dip direction of the drillhole and the magnetic field strength of the surrounding rock.

Drillholes SC01-1 to SC01-3 were collared on the hanging wall side of the Kuhn Fault and drilled NNW. Drillhole SC01-4 was collared on the footwall side of the Kuhn Fault, west of King Canyon and was drilled SSE. Drillhole specifications are listed in Table 3. A plan map showing drillhole locations is presented in Figure 6.

Table 3: Drillhole Specifications

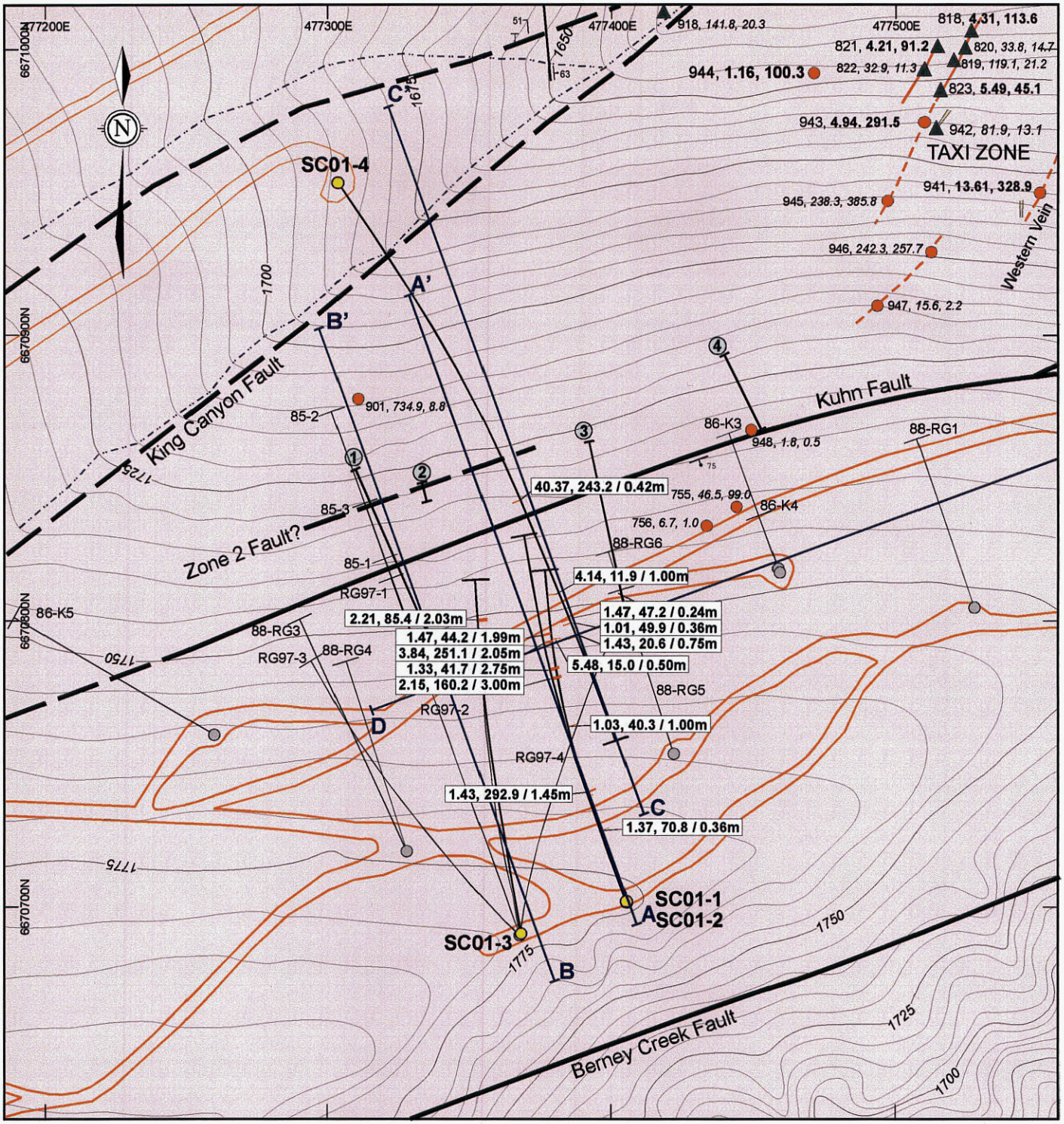
Hole No.	Location			Azimuth	Dip	Length (m)	No. Samples
	Northing	Easting	Elevation				
SC01-1	6670701.94	477405.27	1776.67	340°	-72°	419.71	252
SC01-2	6670701.64	477405.37	1777.03	340°	-78°	512.67	319
SC01-3	6670690.69	477368.21	1779.10	350°	-62°	269.44	112
SC01-4	6670953.38	477303.53	1692.10	145°	-47°	300.53	212

Selected historical drillholes from the Ridge Zone (RG97-1, 2, 4) were re-logged, re-sampled and infilled sampled. Infill sampling was also undertaken on the 1997 drillholes from the Raca Zone (RACA97-1, 2, 3).

Cross-sections for drillholes SC01-1 to –4 in page size format are presented in Figures 7 to 9 and in large size format in Figures 10 to 12, respectively. Drillhole strip logs displaying gold, silver, copper, lead, zinc, antimony and arsenic grades in conjunction with downhole geology are presented in Figures 13 to 16 for drillholes SC01-1 to –4, respectively, and Figures 17 to 19 for the historical 1997 Ridge drillholes, RG97-1, -2, and –4, respectively. A longitudinal section of the Ridge Zone illustrating gold grades is shown in Figure 20.

10.1 GEOLOGY

The dominant lithology drilled in all four holes is granodiorite of the Mid-Cretaceous Coast Plutonic Complex. The granodiorite is typically medium grained and equigranular although various differences of the intrusion occurs, including coarse-grained segregations, and granitic to quartz monzonitic phases. Near the Kuhn Fault, the granodiorite is sheared, often becoming finer grained to the point where the original texture is obscured. Locally it may become difficult to distinguish in hand specimen whether the intrusive is a fine to medium-grained andesite dyke, which also occurs in the area.



LEGEND

GEOLOGY

Mt. McNeil Pluton: granodiorite, quartz monzonite

SYMBOLS

Pre-2001 drilling

88-RG1 — Diamond drillhole collar, trace, and number

2001 drilling

SC01-1 — Diamond drillhole collar, trace, and number

Significant intersection: ≥ 1 g/t Au

2.21, 85.4 / 2.03m — Au (g/t), Ag (g/t), over metres

Rock sample location: outcrop, float

947, 15.6, 2.2 — Rock sample number and result: Au (ppb), Ag (ppm)

823, 5.49, 45.1 — Rock sample number and result (Fire Assay): Au (g/t), Ag (g/t)

Quartz vein: defined, inferred

Fault: defined, inferred

51 / 63 — Joint: inclined, vertical / Fault orientation

A — A' — DDH cross-section line

Access road

② — Historical trench and name

0 — 40m

UTM Zone 8 North
NTS 105D/3

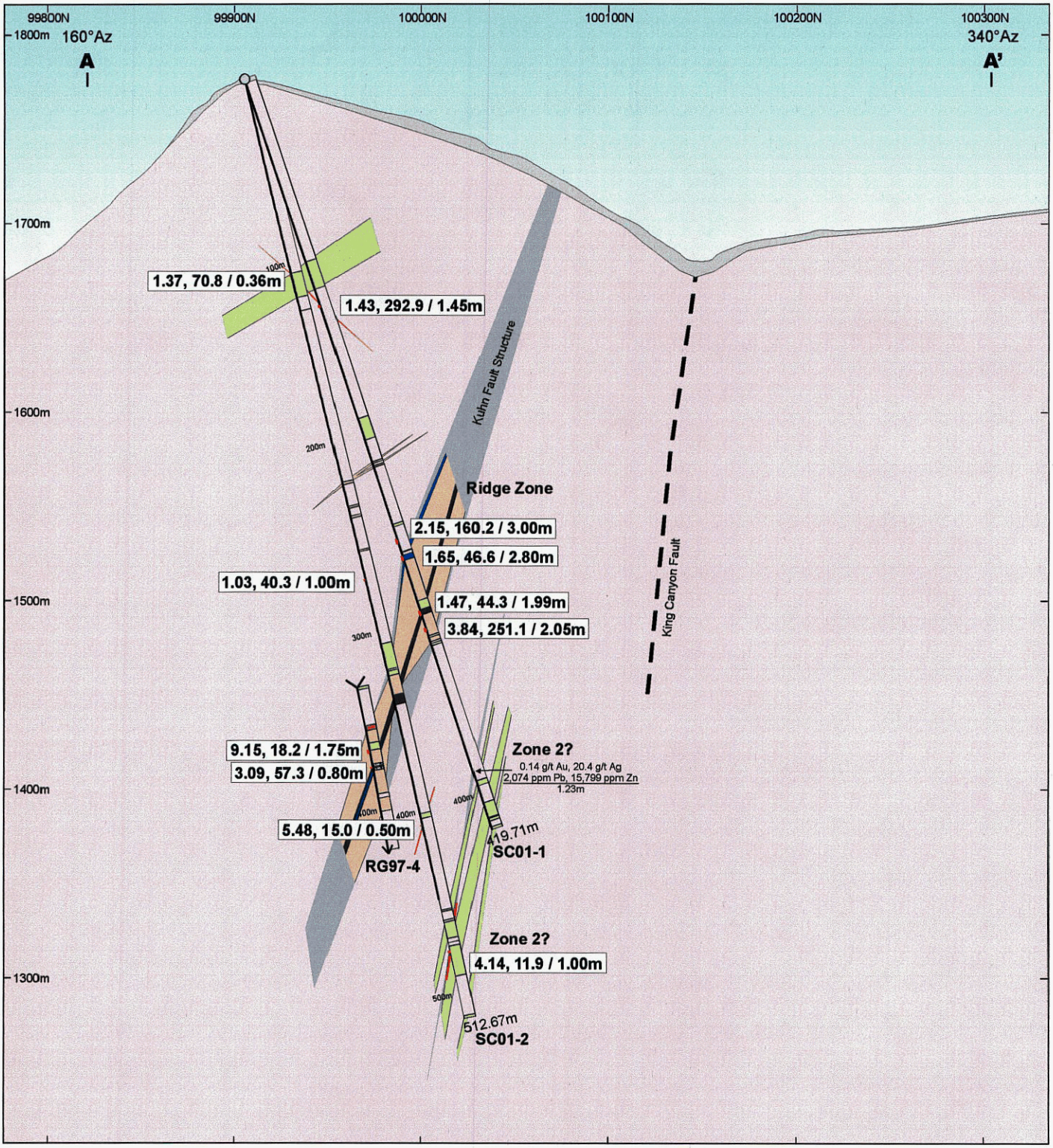
TAGISH LAKE GOLD CORP.

SURFACE DDH PLAN MAP
Ridge Zone

Skukum Project
Whitehorse M.D., Yukon Territory, Canada

Project No:	CP56A	By:	TV
Scale:	1:2,000	Drawn:	TV
Figure:	6	Date:	June 2002

CME



LEGEND

GEOLOGY

- Quartz-sulphide breccia or vein
- Heterolithic breccia
- Rhyolite-sulphide breccia
- Rhyolite
- Rhyodacite
- Dacite
- Andesite
- Quartz monzonite
- Granodiorite
- Overburden
- Fault zone

SYMBOLS

- Quartz vein
- Fault (inferred)
- SC01-1 — Diamond drillhole collar, trace, and number
- Significant intersection: ≥ 1 g/t Au
- DDH trace entering/exiting section
- 2.78, 61.3 / 1.29m — Au (g/t), Ag (g/t) over metres

0 60m

Rotated grid, 20°E of N

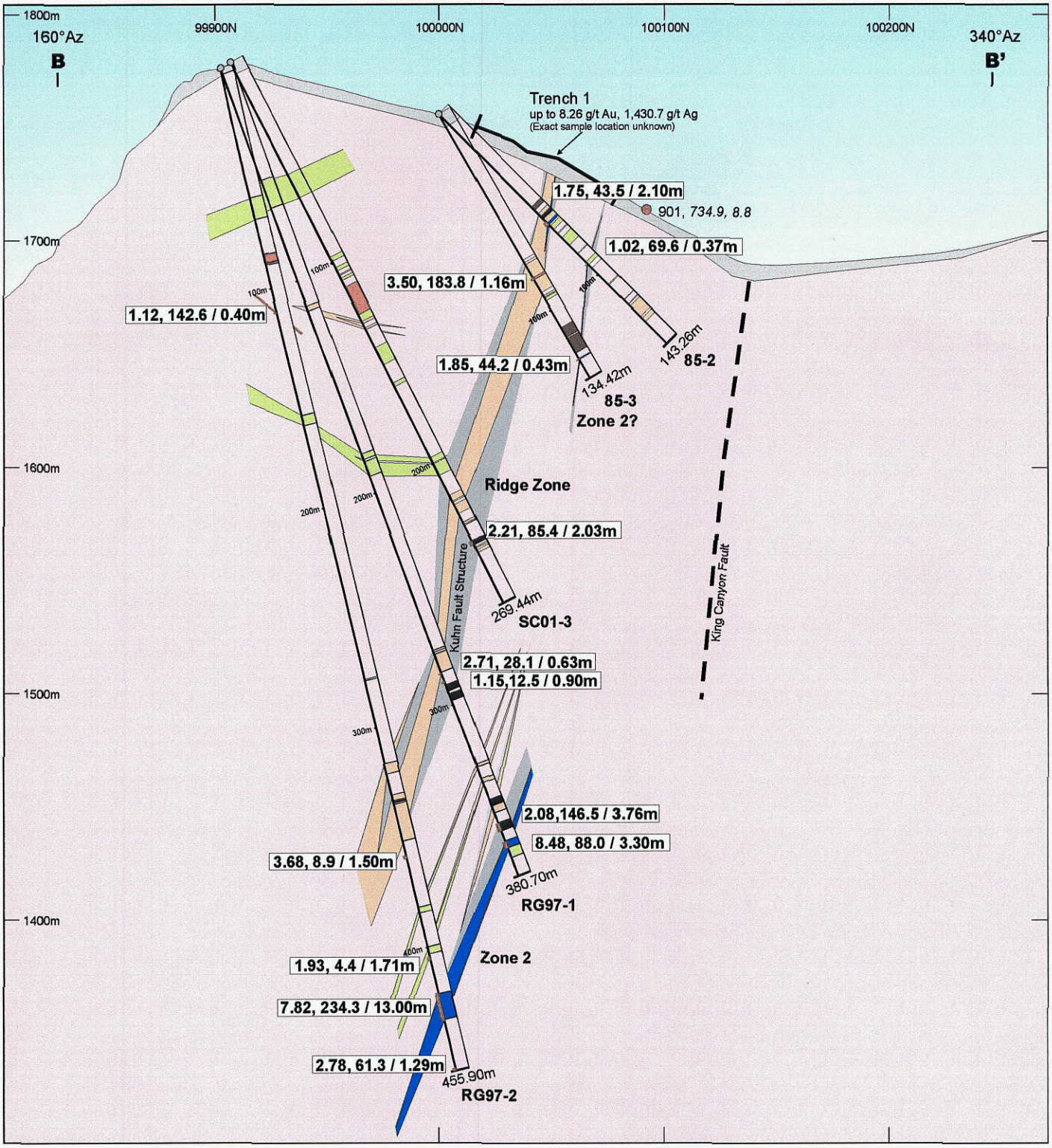
TAGISH LAKE GOLD CORP.

DDH CROSS SECTION
SECTION A - A'
Ridge Zone

Skukum Project
Whitehorse M.D., Yukon Territory, Canada

Project No:	CP56A	By:	TV
Scale:	1:3,000	Drawn:	TV
Figure:	7	Date:	June 2002

CME



LEGEND

GEOLOGY

- Quartz-sulphide breccia or vein
- Heterolithic breccia
- Rhyolite-sulphide breccia
- Rhyolite
- Rhyodacite
- Dacite
- Andesite
- Quartz monzonite
- Granodiorite
- Fault zone
- Overburden

SYMBOLS

- Quartz vein
- Fault (inferred)
- SC01-1 — Diamond drillhole collar, trace, and number
- Significant intersection: ≥ 1 g/t Au
- 2.78, 61.3 / 1.29m — Au (g/t), Ag (g/t) over metres
- Historical trench
- 901, 734.9, 8.8 — Rock sample location, sample number, Au (ppb), Ag (ppm)

0 — 50m

Rotated grid, 20°E of N

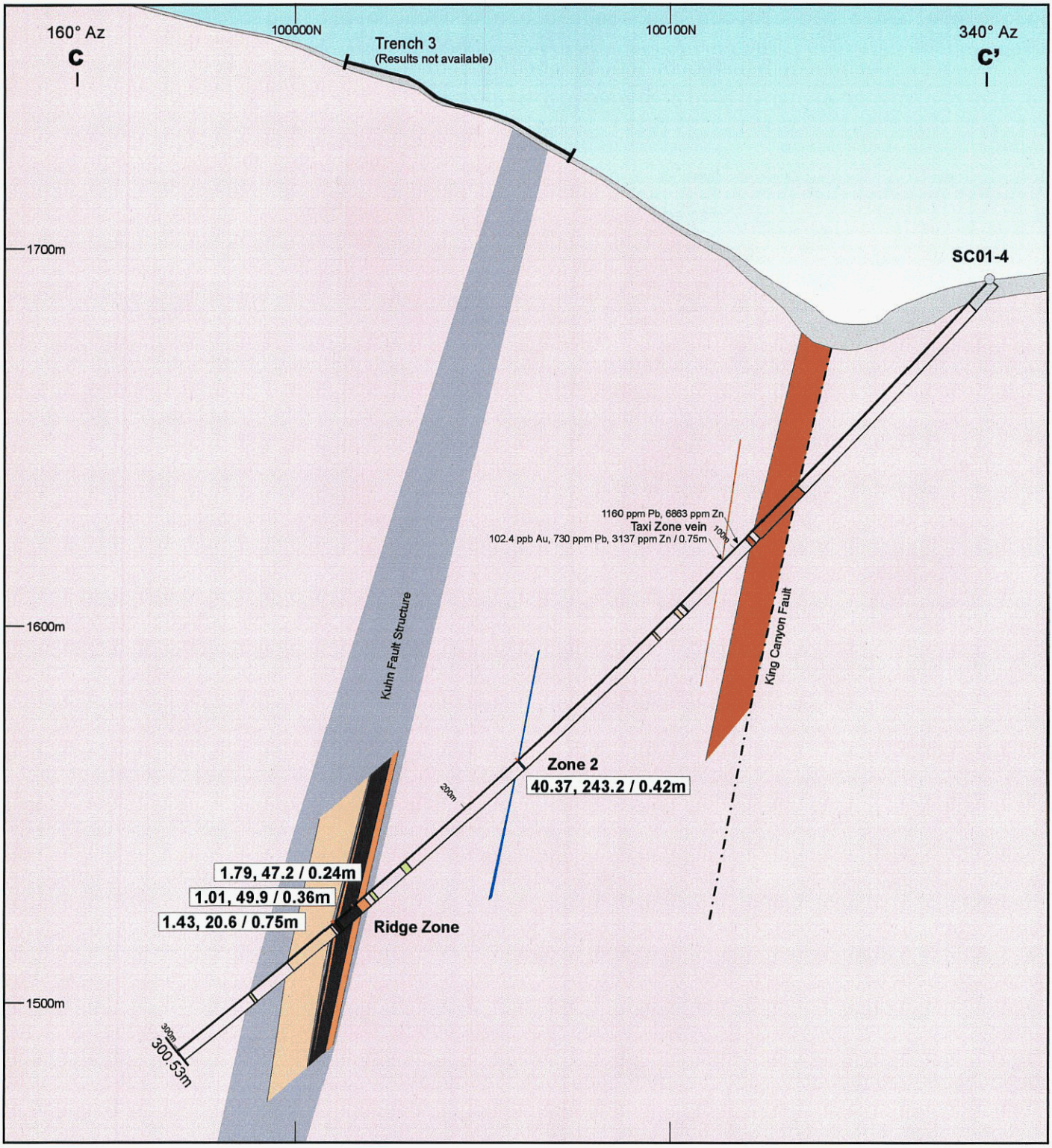
TAGISH LAKE GOLD CORP.

DDH CROSS SECTION
SECTION B - B'
Ridge Zone

Skukum Project
Whitehorse M.D., Yukon Territory, Canada

Project No:	CP56A	By:	TV
Scale:	1:2,500	Drawn:	TV
Figure:	8	Date:	June 2002

CME



LEGEND

GEOLOGY

- Quartz-sulphide breccia or vein
- Heterolithic breccia
- Rhyolite-sulphide breccia
- Rhyolite
- Rhyodacite
- Dacite
- Andesite
- Quartz monzonite
- Granodiorite
- Overburden
- Fault zone

SYMBOLS

- Quartz vein
- Fault (inferred)
- SC01-1 — Diamond drillhole collar, trace, and number
- Significant intersection: ≥ 1 g/t Au
- 2.78, 61.3 / 1.29m — Au (g/t), Ag (g/t) over metres
- Historical trench

0 30m

Rotated grid, 20°E of N

TAGISH LAKE GOLD CORP.

DDH CROSS SECTION
SECTION C - C'
Ridge Zone

Skukum Project
Whitehorse M.D., Yukon Territory, Canada

Project No:	CP56A	By:	TV
Scale:	1:1,500	Drawn:	TV
Figure:	9	Date:	June 2002

CME



LEGEND

SYMBOLS

- DDH pierce point
- 6.27 g/t Au, 61.2 g/t Ag / 5.04m — Selected DDH intercept
- Underground workings
- Composite channel sample results

GOLD CONTOURS

- ≥5 g/t Au
- ≥3 g/t Au
- ≥1 g/t Au

0 50 100m

Rotated grid, 20°E of N

TAGISH LAKE GOLD CORP.

DDH LONGITUDINAL SECTION
Kuhn and Ridge Zones

Skukum Project
Whitehorse M.D., Yukon Territory, Canada

Project No:	CP56A	By:	TV
Scale:	1:4,000	Drawn:	TV
Figure:	20	Date:	June 2002

CME

Alteration of the granodiorite is typically weak to moderately strong propylitic, with variable chloritization of the mafics (amphiboles). A common occurrence is "propylitic banding" where very locally intense propylitization occurs in 1 to 5 centimetre bands as alteration haloes around fractures. At deeper levels, and particularly in the footwall of the Kuhn Fault, the propylitization becomes quite strong with a distinct greenish cast to the core due to the abundance of epidote. Chlorite is also much stronger and pervasive at depth. Weak to moderate intensity potassic alteration occurs infrequently, usually as a halo around a fracture or vein.

On the hanging wall side of the Kuhn Fault andesite and rhyolite dykes are encountered. The andesites are characteristically green-grey, homogenous, porphyritic and fine-grained. The rhyolites are tan to pale greenish brown, spherulitic and banded or foliated. The rhyolite spherules are likely orthoclase feldspars though alteration to carbonate and clay is common. Locally the core may be vuggy/miarolitic where the spherules are gone. Some of the spherules show a core of epidote surrounded by white feldspar/clay and carbonate. The banding or foliation of the spherules gives a "flow-banding" appearance.

The Kuhn Fault ranges from 4 to 20 metres wide and hosts rhyolite and rare andesite dykes within sheared to locally brecciated granodiorite. The rhyolites do not exhibit spherules as those in the hanging-wall, rather they are often strongly banded and typically highly fractured and brecciated with pervasive quartz-carbonate and lesser sulphide stockwork veinlets. The andesites, where present, exhibit weak fracturing and brecciation along with minor quartz-carbonate stockworks, a probable result of the more ductile nature of andesite compared to rhyolite.

In the areas of intense movement within the Kuhn Fault, only heterolithic breccias are evident, with fragments of rhyolite, granodiorite (which may be reduced to individual mineral grains) and the occasional quartz vein fragment. In SC01-2, the rhyolite fragments are milled and rounded (325.50 to 325.80 metres). Open space (vugs) and infilling by calcite crystals up to 4 centimetre long are also observed. Surrounding the fragments is a very fine-grained groundmass of chlorite, clay minerals, carbonate and silica. Locally the groundmass is very dark grey and appears to consist of very fine-grained milled sulphides (most likely pyrite).

On the footwall side of the Kuhn Fault, the dominant lithology is granodiorite, though as discussed above, is much more altered and may be strongly sheared over narrow lengths. Andesite dykes are also prevalent in the footwall, occurring as green-grey fine-grained units. Occasionally, granodiorite may grade into an andesitic lithology, though the lack of obvious contact may indicate the andesitic unit could be a strongly sheared and chloritized granodiorite.

Drillhole SC01-4 intersected a large porphyritic rhyodacite dyke within the King Canyon Fault, which is consistent with surface mapping of the canyon. The rhyodacite in drill core is virtually unaltered, massive, and extremely hard. Phenocrysts of pinkish feldspar (sanidine?) are persistent but variable in amounts. Sheared to brecciated, bleached granodiorite is noted in the footwall of the King Canyon Fault. The fresh appearance of the rhyodacite compared

to the andesite and rhyolite dykes observed elsewhere suggests this dyke is one of the youngest intrusives in the Skukum Creek area.

10.3 MINERALIZATION

Gold and silver mineralization observed in the drillholes is associated with quartz-sulphide breccias and veins and sulphide matrix within heterolithic breccias. Sulphide mineralogy is typically a combination of pyrite, arsenopyrite, sphalerite, galena, and lesser chalcopyrite. Three main zones of mineralization were encountered, namely, the Upper Quartz Vein Zone, Ridge Zone/Kuhn Fault and Zone 2.

Upper Quartz Vein Zone

Drilling encountered narrow gold-bearing quartz veins in both drillholes SC01-1 and SC01-2. The zone in SC01-1 consisted of two 8 centimetre wide auriferous quartz veins. Vein mineralogy consisted of milky white massive quartz with discrete disseminated sulphides of galena, pyrite, arsenopyrite magnetite and possible tetrahedrite. The zone averaged 1.43 g/t Au and 292.9 g/t Ag over 1.45 metres (126.45m to 127.90m), which includes 7.50 g/t Au and 1,777.1 g/t Ag over 0.20 metres (sample 04303) and 2.28 g/t and 242.8 g/t Ag over 0.20 metres (sample 04305). Drillhole SC01-2 encountered a similar zone located slightly higher in elevation than that found in SC01-1. A single 4 centimetre wide quartz-sulphide vein returned 1.37 g/t Au and 70.8 g/t Ag over 0.36 metres (107.59 to 107.95metres, sample 04537).

Re-logging and infill sampling of drillhole RG97-1 and -2 located a similar quartz-sulphide vein at a similar depth elevation as the veins found in SC01-1. The quartz-sulphide vein in RG97-2 returned 1.12 g/t Au and 142.6 g/t Ag over 0.40 metres (110.70 to 111.10 metres, sample 05505).

These narrow quartz-sulphide veins appear to be late-stage off-shooting veins from the Kuhn Fault into the hanging wall.

Ridge Zone/Kuhn Fault

The Ridge Zone is the western strike extension of the Kuhn Zone, all associated with of the Kuhn Fault. The fault is very persistent and typically 20 metres wide, with a strike of 069-075° and dips 72-75° SE though may steepen to sub-vertical. Three styles of mineralization were observed within, or adjacent to, the Kuhn Fault. They are:

(i) narrow quartz-sulphide veins;

(ii) quartz-sulphide breccias; and

(iii) sulphide matrix within heterolithic breccias.

Significant gold and silver intersections from the Ridge Zone are listed in Table 4.

Table 4: Significant Gold and Silver Intersections (≥ 1 g/t Au), *Ridge Zone*

Hole No.	Intercept (m)				Grade (g/t)	
	From	To	Width	True Width	Au	Ag
SC01-1	257.00	260.00	3.00	0.01	2.15	160.2
and	266.70	269.50	2.80	1.57	1.65	46.6
and	297.25	299.24	1.99	1.11	1.47	44.3
and	306.90	308.95	2.05	1.15	3.84	251.1
SC01-3	238.55	240.58	2.03	1.38	2.21	85.4
SC01-4	237.61	237.85	0.24	0.12	1.79	47.2
and	239.70	240.06	0.36	0.18	1.01	49.9
and	246.50	247.25	0.75	0.38	1.43	20.6

All three styles of mineralization were encountered within drillhole SC01-1. Located in the immediate hanging-wall of the Kuhn Fault, a narrow (<1cm) quartz-sulphide vein oriented parallel to the core axis, returned 2.15 g/t Au and 160.2 g/t Ag over 3.00 metres. Within the fault, from 264.90 to 269.50 metres, quartz-sulphide breccias are found containing up to 30% combined arsenopyrite, pyrite, galena and sphalerite. These breccias returned 1.65 g/t Au and 46.6 g/t Ag over 2.80 metres. The third style of mineralization occurs deeper into the fault and returned the highest gold and silver grades from the current drilling of the Kuhn Fault at the Ridge Zone. Two significant intersections of 1.47 g/t Au and 44.3 g/t Ag over 1.99 metres and 3.84 g/t Au and 251.1 g/t Ag over 2.05 metres were encountered. The latter intersection is within a rhyolite breccia of quartz "clasts", disrupted vein fragments cemented by a fine-grained sulphide matrix of pyrite, galena and arsenopyrite.

Drillhole SC01-2 intersected the fault structure but did not encounter any significant gold or silver grades. A 5.09 metre zone of strongly milled heterolithic breccia, typical of the third mineralization style described above, contained no visible sulphides, though the very dark grey to grey-blue matrix may be fine-grained pyrite. A weak Pb-Zn anomaly is coincident with this unit. Immediately prior to this unit, poor ground resulted in poor core recovery (approximately 10 % recovered).

Drillhole SC01-3 cut one zone of gold-silver mineralization within the Kuhn Fault, localized in several narrow quartz-sulphide breccia/veins containing up to 30% sulphides of pyrite, arsenopyrite, galena and sphalerite (2.21 g/t Au and 85.4 g/t Ag over 2.03 metres).

Drillhole SC01-4 encountered three narrow quartz-sulphide breccias/veins consisting of abundant fine-grained sulphides of similar type and amounts as in previous drillholes, which returned up to 1.79 g/t Au and 47.2 g/t Ag over 0.24 metres.

Infill sampling of drillhole RG97-2 returned a significant intersection of 3.68 g/t Au and 8.9 g/t Ag over 1.50 metres (sample 0557). The intersection occurs at or near the footwall contact of the Kuhn Fault, within at a narrow quartz vein containing 30% combined sulphides of pyrite, galena, and trace chalcopyrite.

Zone 2

Zone 2 is a mineralized fault structure subparallel (?) to the Ridge Zone, typically 30 to 40 metres horizontally into the footwall of the Kuhn Zone. Zone 2 orientation is not well understood due to the lack of drill intercepts.

This structure appears to have been first recognized during the 1985 drilling of holes 85-2 and 85-3, which returned significant intersections of 1.02 g/t Au and 69.6 g/t Ag over 0.37 metres and 1.85 g/t Au and 44.2 g/t Ag over 0.43 metres, respectively. Significant gold and silver mineralization however was not discovered until deep drilling under the 1985 holes was undertaken in 1997. Drillholes RG97-1, -2 and –4 all intersected Zone 2 at 350 to 400 metres below surface. The most significant intersection was encountered in drillhole RG97-2, which returned 7.82 g/t Au and 235.3 g/t Ag over 13.00 metres. Mineralization consisted of quartz-sulphide veins and breccias and localized zones of massive sulphides. Sulphides consist of pyrite, arsenopyrite, galena, sphalerite, and chalcopyrite.

Drilling during the current program intersected Zone 2 in drillholes SC01-2 and SC01-4. Drillhole SC01-4 intersected a high-grade quartz-sulphide breccia zone of massive sulphides with quartz-carbonate veining. The zone was encountered at the interpreted up-dip location of Zone 2 based on the 1997 drilling. The zone is marked by fractured and faulted core with quartz-sulphide and carbonate veining. Sulphide mineralogy consists of pyrite, arsenopyrite, sphalerite and chalcopyrite and returned 40.37 g/t Au and 243.2 g/t Ag over 0.42 metres (sample 04963). Base metal values for this sample are also very enriched with 3,304 ppm Cu, 24,435 ppm Pb, 45,613 ppm Zn, 79,325 ppm As, and 1,026.6 ppm Cd. On either side of this sample, base metals are slightly elevated, particularly Cu, Pb, and Zn. (173.60m to 183.50m), with a corresponding, though weak, gold-silver enrichment (64 ppb Au and 9.3 ppm Ag)

Drillhole SC01-2 intersected a carbonate and hematite altered crackle breccia within strongly sheared andesite at the interpreted depth of Zone 2, which returned 4.14 g/t Au and 11.9 g/t Ag over 1.00 metre (sample 04803). Above this breccia, a sheared quartz vein containing pyrite, galena, chalcopyrite and sphalerite, returned no significant gold but did contain appreciable silver of 156.4 g/t over 1.02 metres (sample 4801).

Drillhole SC01-1 intersected a very strong shear zone with sulphide (sphalerite and pyrite) mineralization over 2.75 metre core length (385.35m to 388.32m) at the interpreted down-dip extension of Zone 2. No significant gold or silver results were returned, though concentrations were slightly elevated with 139.3 ppb Au and 20.4 ppm Ag over 1.23 metres (sample 04489). The zone returned 10,398 ppm Zn over 2.75 metres including 15,799 ppm Zn over 1.23 metres. Copper, lead and cadmium were also elevated (707 ppm Cu, 2,074 ppm Pb and 297.3 ppm Cd).

Significant gold grades from Zone 2 are summarized in Table 5.

Table 5: Significant Gold and Silver Intersections (≥ 1 g/t Au), *Zone 2*

Hole No.	Intercept (m)				Grade (g/t)	
	From	To	Width	True Width	Au	Ag
SC01-2	475.70	476.70	1.00	0.45	4.14	11.9
SC01-4	180.81	181.23	0.42	0.21	40.37	243.2

Other Areas of Mineralization

In addition to the three main zones described above, two other areas of mineralization were encountered. In drillhole SC01-4, at 105.00 metres depth, a 3 centimetre quartz-sulphide vein with 10% combined pyrite-arsenopyrite was intersected within fractured and iron-stained granodiorite. The vein mineralogy and character was very similar to the surface Taxi Zone veins. Gold and silver values are weakly anomalous at 102.4 ppb Au and 6.3 ppm Ag over 0.75 metres (sample 05052). Immediately above this vein at 96.4 metres depth, fault gouge returned 6,863 ppm Zn over 0.40 metres (sample 05043). This is likely associated with the Taxi Zone structures.

The second style of mineralization is a broad area of base metal enrichment (Cu-Pb-Zn) occurring in the footwall of the Kuhn Fault extending toward the King Canyon Fault. It is most obviously seen in drillholes SC01-2, RG97-1, -2 and -4. The shallower drillholes (SC01-1, -3 and -4) do not show this enrichment as clearly. Vertical zonation of the hydrothermal system and leaching by ground water may reflect lower base metal grades at higher elevations.

In SC01-2, this base metal enriched zone was first identified by the presence of chalcopyrite occurring as local patchy disseminations within the host rock or within narrow (0.1 to 1 cm) quartz-sulphide veins. Copper values of up to 5,556 ppm were returned from sample 04711. Zinc shows a much broader, evenly distributed occurrence. Sphalerite was noted in the narrow quartz-sulphide veins, but does not explain the overall anomalous levels throughout this area, suggesting a fine-grained disseminated occurrence of the metal. Lead also is elevated, though appears restricted to the veins. Several of the quartz-sulphide veins returned anomalous silver values, particularly those associated with high copper and lead, including 142.7 g/t Ag over 0.5 metres (sample 04743) and 156.4 g/t Ag over 1.02 metres (sample 04801). The latter value occurs very near the interpreted Zone 2 depth as discussed previously. A sheared and offset one centimetre quartz-sulphide vein hosted in granodiorite at 407.50 metres depth returned significant gold grade of 5.48 g/t Au over 0.50 metres (sample 04740). The vein consisted of 50% sulphides, primarily pyrite with lesser galena, and chalcopyrite.

11.0 SAMPLING METHOD AND APPROACH

11.1 ROCK AND SILT SAMPLES

Surface samples were collected from a variety of lithologies. Wherever possible outcrop material was sampled. In areas where no outcrop exposure was available, grab samples of

float material were taken.

Silt samples were taken at trap sites (i.e. locations of deposition within the creek).

11.2 CORE SAMPLES

Sampling of the 2001 diamond drill core was carried out over the majority of the drillhole length. The start of sampling was based on observation of any interesting mineralization near the top of the drillhole, prior to the main mineralized sections. Continuous sampling was undertaken from the uppermost sample to the end of hole. Sample lengths were controlled by lithology, structure, alteration and mineralization changes with a maximum sample length of 1.5 metres in areas of good core recovery. In areas of poor core recovery, samples were taken between the core depth marker blocks, as accurate measurement of the core depth was difficult.

Drill core from SC01-1 was separated into two halves by core splitter and saw. All mineralized zones from SC01-1 were cut by saw. Drill core from SC01-2 to 4 were all cut by saw.

The re-sampling of historical drillholes were taken to match the intervals from the previous sampling. Drillhole RG97-1 was split by core splitter, drillholes RG97-2 and RG97-4 were split by core splitter and cut by saw. Drillholes RACA97-1, -2 and -3 were all cut by saw.

12.0 SAMPLE PREPARATION, ANALYSES AND SECURITY

12.1 FIELD

Surface Samples

CME geologists collected all rock and silt samples. Samples were placed in individual plastic bags in the field and were secured with flagging tape. At camp, samples were bagged into rice sacks for transport. CME personnel transported the rice sacks to Greyhound Courier in Whitehorse for direct delivery to Acme Analytical Laboratories of Vancouver, British Columbia ("Acme Labs").

Drill Core

At the end of each drill shift, the drill contractor transported the drill core to the core handling facilities at the camp. Boxes were transported with lids securely nailed down to prevent potential core loss. At the core handling facility, all drill core was washed, re-aligned and photographed. Core logging included core recovery percentages, rock quality percentages and geological descriptions. CME geologists marked sample intervals in preparation of core cutting/splitting. From the cut/split core, one half of each sample was placed in individual plastic sample bags while the other half was returned to the core box. Core boxes were racked in down hole sequence within the security of the core logging facility. Sample bags were secured with flagging tape and CME standard and blank quality control samples were inserted into the sample sequence. All samples were then bagged into rice sacks for transport.

CME personnel transported the rice sacks to Greyhound Courier in Whitehorse for direct delivery to Acme Labs.

12.2 ANALYTICAL LABORATORY

All rock, stream sediment, and drill core samples were analyzed for gold and multi-elements by Acme Labs. Multi-elements were determined from a 0.50 gram sample by ICP-ES (Induced Coupled Plasma-Emission Spectrometer) analysis after digestion in a hydrochloric-nitric acid solution and are reported in parts per million (ppm) or percent (%). Gold was analyzed by ICP-MS (Mass Spectrometer) techniques from a 10 gram sample after digestion in an aqua regia solution and is reported in parts per billion (ppb).

Samples returning ≥900 ppb gold and/or ≥100 ppm silver were re-analyzed for gold and silver by fire assay of a 1 A.T. (assay ton) sample from the pulp. Results for both elements are reported in grams per tonne (g/t).

Acme Labs is a registered ISO 9002 laboratory and have three BC Certified Assayers on staff.

Check analyses were carried out by Bondar Clegg Canada Ltd. of North Vancouver, British Columbia, an ISO 9002 registered company.

Analytical procedures employed by Acme Labs are presented in Appendix VI, including sample preparation, analysis, quality control and reporting.

13.0 DATA VERIFICATION

13.1 QUALITY CONTROL

In order to monitor the integrity of the geochemical database and to provide a measure of accuracy and confidence, a quality control program was implemented by CME for drill core samples. This consisted of two standard references (accuracy and bias) and two blanks (contamination) inserted for each 100 samples submitted to the laboratory for analysis. Each standard and blank consisted of a 150 gram sample size.

The CME standard sample (CME-1) was created by collecting approximately 150 kilograms of material from the Skukum Creek high-grade ore pile. The material was then sent to CDN Resource Laboratories of Richmond, British Columbia who prepared the material into a standard and packaged the material into 100 gram packets to eliminate possible settling of gold. Gold was determined to be 10.10 g/t Au with a standard deviation of 0.25 g/t Au. Silver was determined to be 1,421.3 g/t Ag with a standard deviation of 31.52 g/t Ag. The procedures and results of the preparation of the CME-1 standard are presented in Appendix VII.

The CME blank was created using sterilized play sand. The material was analyzed by ALS Chemex Laboratories of Vancouver, BC. Gold and silver grades were determined to be <1 ppb Au and <0.02 ppm Ag. Certificates of analysis for the blank material are presented in Appendix VII.

Results of the quality control program carried out by CME indicated acceptable levels of accuracy by the analytical laboratory, as well as no sample batch contamination.

In addition to control samples inserted by CME, the analytical laboratory routinely inserted their own control samples, which consisted of standards, blanks and sample repeats.

A second laboratory, Bondar-Clegg of North Vancouver, British Columbia, analyzed approximately 10% of the fire assayed samples to measure reproducibility (check samples). A total of 8 samples were submitted: 4 prepared pulp samples; and 4 sample rejects. One CME standard and one blank material (both pulps) were also included in the check analysis batch. Samples were analyzed by gravimetric fire assay. Analytical process information for Bondar Clegg is presented in Appendix VI. Comparative results are presented in Table 6 with certificate of analyses presented in Appendix IIIc.

Table 6: Comparative Results, *Acme Labs vs. Bondar Clegg*

Sample No,	Acme		Bondar Clegg				Sample Material
			Primary Analysis		Re-Analysis		
	Au (g/t)	Ag (g/t)	Au (g/t)	Ag (g/t)	Au (g/t)	Ag (g/t)	
01587	1.15	12.5	0.86	5.0	-	-	reject
04433	3.15	105.7	2.84	101.1	-	-	reject
04981	1.43	20.6	1.49	9.4	-	-	reject
05626	17.83	105.7	17.16	99.5	-	-	reject
01647	13.94	32.0	14.26	30.9	14.20	32.3	pulp
04434	4.49	389.5	4.73	330.5	4.06	357.3	pulp
04963	40.37	243.2	41.86	241.1	39.86	227.1	pulp
05505	1.12	142.6	2.07	147.7	1.49	148.3	pulp
05149	9.84	1476.4	11.39	1488.9	9.91	1432.3	CME Standard (pulp)
04700	0.6 ppb	<0.3 ppm	<0.17	21.3	<0.17	1.9	CME blank (pulp)

Results show some differences between the labs. The gold result of 11.39 g/t Au reported by Bondar Clegg on the CME-1 standard was approximately 10% above the upper limit of the defined standard gold value for the standard (mean plus one standard deviation). The silver value for the blank material returned 21.3 g/t Ag, which is extremely high for the blank material which should return background values in silver.

All check samples were requested to be re-run by Bondar Clegg, however only the pulp samples could be located by the lab for analysis. Results from the re-analysis are shown in the second Bondar Clegg column under the heading "Re-Analysis" in Table 6. The analysis returned results from the standard and blank materials that were within acceptable ranges.

13.2 HISTORICAL SURFACE SAMPLE VERIFICATION

Taxi Zone

Sampling at the Taxi Zone and within King Canyon confirmed historical reports of gold and silver mineralization within the quartz sulphide vein system. Although exact duplication of sample media was not possible, a total of 11 samples were confirmed to be taken in close proximity to historical samples. These samples are listed in Table 7 along with their corresponding historical sample result.

Table 7: Comparative Results, *Taxi Zone*

Zone	Historical Results (g/t)		Current Results (g/t)	
	Au	Ag	Au	Ag
King Canyon	24.27	34.29	9.37	66.2
King Canyon	3.43	3.09	6.64	25
Taxi	15.43	198.17	28.74	2,997.7
Taxi	6.41	161.14	16.21	95.4
Taxi	7.23	145.71	4.31	113.6
Taxi	7.92	247.52	4.21	91.2
Taxi	44.74	4,004.91	56.27	638.8
Taxi	17.86	82.97	14.39	143.2
Taxi	36.24	856.80	17.84	721.4
Taxi	4.56	115.89	5.86	165.9
Taxi	3.98	161.14	2.09	147.9

13.3 HISTORICAL DRILL CORE VERIFICATION

Three drill holes from the 1997 drill of the Ridge Zone were re-sampled for confirmation of grades. The split half core was quartered by core splitter (RG97-1) and by saw (RG97-2, -4) During re-sampling, historical sample intervals were duplicated in order to create a basis for direct analytical comparison.

Due to the differences between ICP/geochem and fire assay analysis, comparisons are restricted to those current samples that were analyzed by fire assay, as all historical samples were fire assayed. Results of the study are presented in Table 8.

Table 8: Comparative Results, *Ridge Zone Drill Core*

Hole No.	Sample Interval (m)			Historical Sampling			Current Sampling		
	From	To	Length	Sample No.	Au (g/t)	Ag (g/t)	Sample No.	Au (g/t)	Ag (g/t)
RG97-1	284.70	285.33	0.63	195656	4.56	83.31	1583	2.71	28.1
RG97-1	288.60	289.50	0.90	195660	0.14	3.09	1587	1.15	12.5
RG97-1	298.95	300.40	1.45	195662	0.38	7.2	1595	0.99	18.0
RG97-1	321.30	322.70	1.40	195669	2.02	31.89	1613	0.77	22.6
RG97-1	328.20	329.60	1.40	195674	0.38	12.34	1618	0.51	12.0
RG97-1	344.73	345.80	1.07	195680	0.41	8.23	1631	0.73	9.7
RG97-1	355.60	356.60	1.00	195683	2.95	66.86	1639	2.93	522.6
RG97-1	356.60	358.00	1.40	195684	4.80	17.14	1640	1.81	12.3
RG97-1	358.00	359.36	1.36	195685	1.92	10.29	1641	1.72	8.0

Table 8: Comparative Results, Ridge Zone Drill Core *(continued)*

Hole No.	Sample Interval (m)			Historical Sampling			Current Sampling		
	From	To	Length	Sample No.	Au (g/t)	Ag (g/t)	Sample No.	Au (g/t)	Ag (g/t)
RG97-1	364.30	365.00	0.70	195686	0.14	73.37	1645	0.32	151.4
RG97-1	365.00	366.30	1.30	195687	1.37	11.66	1646	5.48	73.0
RG97-1	366.30	366.95	0.65	195688	10.70	70.63	1647	13.94	32.0
RG97-1	366.95	367.60	0.65	195689	7.41	101.14	5626	17.83	105.7
RG97-2	403.96	405.67	1.71	E85703	3.87	7.54	5591	1.93	4.4
RG97-2	454.61	455.90	1.29	E85727	2.47	48.69	5613	2.78	61.3
RG97-4	373.50	374.30	0.80	E85753	2.13	51.09	1732	3.09	57.3
RG97-4	374.30	375.20	0.90	E85754	2.37	65.83	1733	0.75	56.4
RG97-4	469.10	469.60	0.50	E85761	5.83	111.77	1806	3.29	118.5

Current sampling shows an acceptable correlation with historical results, taking into account the sample media (¼ size core versus ½ size core), population size and the nature of gold mineralization.

14.0 MINERAL RESOURCE

Exploration data covering both historical and current work programs was given to Patrick Hannon of MineTech International Consultants Ltd. located of Halifax, Nova Scotia for a resource evaluation. Mr. Hannon is a qualified person as defined by National Instrument 43-101. As of the date of this report, the resource evaluation is pending.

15.0 INTERPRETATION AND CONCLUSIONS

15.1 INTERPRETATION

Charleston Area

There is evidence to support the interpretation that the Watusi, Twist, Charleston and Charleston Extension represent together a continuous trend of mineralization within which chutes of enriched gold and silver mineralization suitable for mining may occur. The one controlling feature that may define potential is the apparent preferential emplacement of consistently higher grades in the more competent granitic lithologies.

Evidence includes:

(i) geochemical signatures in all four areas are similar with elevated lead (galena), arsenic (arsenopyrite), antimomy (stibnite), zinc (sphalerite), and pyrite. The existence of elevated (>30 ppm) antimony values and high grade (>3.0 g/t) gold values is a consistent feature in the Charleston and Skukum Creek areas;

(ii) structural controls of the veins in all areas appear to be consistent;

(iii) the style of veining is also consistent in terms of multi-phase, and ribbon textures; and

(iv) enrichment seems to occur consistently at or near the intersection of the shallow dipping west-northwest trend and the steeply dipping westerly right lateral trend.

Base Metal Trend

A distinct base metal signature occurs at the Ridge Zone area, from the Kuhn Fault to the King Canyon Fault. Base metal values that define this signature were obtained by averaging the cut results of individual drill core samples from the current exploration program.

In the hanging wall of the Kuhn Fault, base metals concentrations are low (32 ppm Cu, 23 ppm Pb and 70 ppm Zn). Within the Kuhn Fault, base metals are enriched (41 ppm Cu, 243 ppm Pb and 543 ppm Zn). Between the Kuhn and the King Canyon faults, lead remains at similar anomalous levels that were found within the Kuhn Fault, but copper and zinc concentrations are sharply higher (74 ppm Cu, 195 ppm Pb and 793 ppm Zn). Within the King Canyon Fault and its footwall, copper and lead concentrations are low, similar to the levels found in the hanging wall of the Kuhn Fault. Zinc, however, remains anomalous, but is significantly lower than the hanging wall of the King Canyon Fault (8 ppm Cu, 18 ppm Pb and 194 ppm Zn).

The base metal enriched zone, which includes the Ridge Zone and Zone 2, has been interpreted to be a part of a larger scale "base metal trend" connecting the Skukum Creek deposit to the Goddell deposit, located 7 kilometres to the east-northeast (Figure 21). This trend incorporates other auriferous base metal rich occurrences such as the Raca Zone, Ocean Vein (and other veins on Chieftain Hill) and the Porter veins (south of Goddell). The base metal trend can be extended 3.5 kilometres to the east of the Goddell deposit to include the Becker Cochran antimony deposit.

Copper, lead and zinc are generally more abundant on the west side of the Wheaton River, while on the east side, antimony becomes much more prevalent. This may be a result of vertical and lateral zonations within the trend. The anomalous levels of silver on the west side of the Wheaton River and low values of silver on the east side of the Wheaton River may also be a result of vertical and lateral zonation. Since all significant auriferous base metal occurrences are located within, or in contact with, the Mid-Cretaceous intrusive, host rock composition may also be an important factor in the location of auriferous base metal deposits.

15.2 CONCLUSIONS

The 171.1 km^2 Skukum Property is underlain by five main rock units. Jurassic to Mid-Cretaceous granodiorites and quartz monzonites of the Coast Plutonic Complex underlie the central, south and eastern areas of the property. At the western edge, the intrusives contact the Nisling metamorphic rocks. Located in the central and eastern areas of the Property are lesser occurrences of Jurassic sediments and Cretaceous Mt. Nansen volcanics. Eocene felsic volcanics (andesites, rhyolites, agglomerates and tuffs) of the Mt. Skukum Caldera Complex intrude and overlie both intrusives and metamorphics in the west and northern areas.

Sample verification undertaken during the current program confirmed the presence of gold and silver mineralization at historical showings in the Mt. Skukum, Charleston and Skukum Creek areas of the Property. Re-logging and re-sampling of historical drillholes from the Ridge Zone (Skukum Creek) confirmed historical grades in drill core. Precision analysis of the samples submitted for the analytical testing during the current program returned acceptable results.

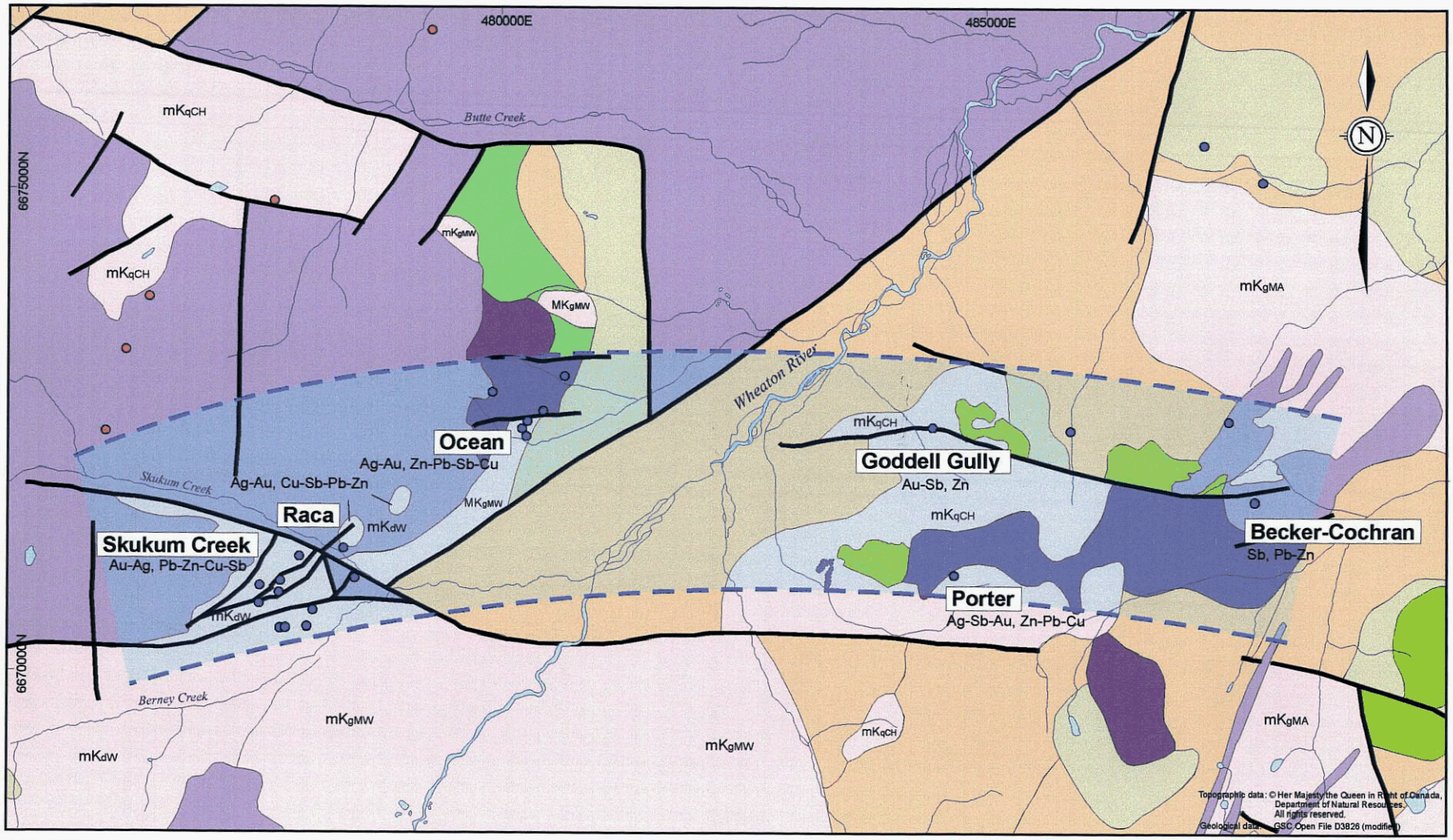
Detailed mapping and sampling of the Taxi Zone in the Skukum Creek area has indicated that the veins occupy a steeply dipping, southwest-striking joint set within the host granodiorite and represent a conjugate fracture set to the Rainbow-Sterling/Kuhn Faults. Two primary veins are present, with veins attaining maximum widths of 0.12 metres and strike lengths of at least 220 metres. Rock sampling returned grades of up to 56.27 g/t and 638.3 g/t Ag over 0.12 metres from the Eastern Vein and 28.74 g/t Au and 2,997.7 g/t Ag over 0.05 metres from the Western Vein. In 1997, this area was referred to as the St. George and King Canyon Zones.

Current diamond drilling at the Ridge Zone encountered both the Kuhn Fault and the Zone 2 structure. Mineralization within the Kuhn Fault (Ridge Zone) is hosted within quartz-sulphide veins and breccias and sulphide matrix heterolithic breccias. Sampling returned up to 3.84 g/t Au and 251.1 g/t Ag over 2.05 metres (SC01-1). The Zone 2 structure is subparallel to, and 30-40 metres into the footwall of, the Kuhn Fault. Mineralization consists of quartz-sulphide breccia including strong shear zones which hosts quartz veins and disseminated sulphide mineralization. Current drilling returned significant results over narrow intervals including 40.37 g/t Au and 243.2 g/t Ag over 0.42 metres (SC01-4). This intersection represents the highest gold grade returned from Zone 2 to date. The dimensions of the Zone 2 mineralized structure has yet to be defined.

Current drilling and infill sampling of the historical Ridge Zone drillholes has resulted in identification of a persistent quartz vein zone in the hanging-wall of the Kuhn Fault. This zone, termed the Upper Quartz Vein Zone, is an area containing narrow auriferous quartz veins. The veins average 3 centimetres in true width and occur in clusters of two to three veins. They are likely an off-shoot from the Kuhn Zone into the hanging wall. Significant grades of up to 7.50 g/t Au and 1,777.7 g/t Ag over 0.20 metres (SC01-2) have been returned from veins in this zone.

Multi-element ICP analysis of core samples from the Ridge Zone area has indicated a pattern of base metal (copper, lead and zinc) enrichment, controlled and bounded by the Kuhn Fault to the southeast and the King Canyon Fault to the northwest. Crossing from southeast to northwest, the pattern is:

- Kuhn Fault hanging-wall: low Cu-Pb-Zn
- Kuhn Fault: moderate to high Cu-Pb-Zn
- Kuhn Fault footwall to King Canyon Fault (including Zone 2): high Cu-Pb-Zn
- King Canyon Faults and footwall: low Cu-Pb, moderate Zn



LEGEND

GEOLOGY

Tertiary
- Skukum Group volcanics

Cretaceous
- Mt Nansen Group volcanics
- Coast Plutonic Complex intrusives
  - mKgMW Mt Ward Granite
  - mKqCH Carbon Hill Plug
  - mKgMA Mt Anderson Pluton
  - mKdW Mt McNeil Pluton

Jurassic
- Bennett Granite (Coast Plutonic Complex)
- Sediments

Proterozoic-Paleozoic(?)
- Nisling Assemblage metamorphics

SYMBOLS

- Base metal-poor showing or occurrence
- Base metal-rich showing or occurrence
- Raca — Deposit or showing name
- Base-metal trend

0 1 2km

UTM Zone 8 North
NTS 105D/3

TAGISH LAKE GOLD CORP.

SKUKUM-GODDELL BASE METAL TREND

Skukum Project
Whitehorse M.D., Yukon Territory, Canada

Project No:	CP56A	By:	TE, CN
Scale:	1:62,500	Drawn:	TV
Figure:	21	Date:	June 2002

CME

16.0 RECOMMENDATIONS

The objectives of the recommended work are:

(i) to understand the styles and distribution of gold and silver mineralization on the property; and

(ii) to increase both the quantity and confidence of the current gold-silver resource.

Phase I

Prior to the commencement of underground diamond drilling, a detailed geological, structural and alteration study ("the Geological Study") is recommended. The Geological Study would focus on the Skukum Creek area, but may be undertaken at the Goddell , Chieftain Hill and Raca areas, if deemed appropriate. As part of the Geological Study, the underground workings would be geologically mapped with samples collected from selected areas where there are no reported geological information. Recommendations from this study will assist the designing of the underground drill program.

Access to the underground workings is recommended early in the work program. This will allow the Geological Study to take advantage of the underground exposures of the mineralized structures. Preparatory work for the Geological Study is recommended to include selected re-sampling of historical drill core from the Kuhn, Rainbow, Raca, Chieftain Hill and Goddell areas, as historical analytical work did not include multi-element analysis.

To gain access to the underground areas, the existing portal at the 1300 metre Level will need to be de-iced, and the underground workings de-watered.

A total of 2,500 metres of underground diamond drilling is recommended to test the Rainbow Zone down dip and along strike. Areas within the Rainbow Zone that have low drillhole intercept densities are recommended to be tested by infill diamond drilling. To establish a density database, density testing is recommended to be undertaken on all drill core samples.

In order to maintain the HO claims in good standing, two years worth of assessment work is recommended. Work will include geological mapping and rock sampling.

Phase II

The decline is recommended to be extended to the 1150 metre elevation so 3,500 metres of diamond drilling can outline the Rainbow Zone for approximately 300 metres below the current workings. The actual location of the decline is contingent on the results of the Phase I program.

The geological, structural and alteration study initiated in Phase I is recommended to continue with a focus on Goddell, Chieftan Hill and Charleston.

At the conclusion of the drilling program, gold and silver resources for the property will be updated. Density tests are recommended to continue with on a variety of mineralized and non-mineralized rock units to build on the database established in Phase I.

16.1 RECOMMENDED BUDGET

The proposed Phase I and II programs of underground development, geological, structural and alteration studies, diamond drilling, surveying, and resource estimation is estimated to cost C$700,000 and C$2,000,000 respectively. The proposed budgets for each phase of work is presented in Tables 9 and 10, respectively.

Table 9: Phase I Recommended Work Program Budget

Activity	Total Cost ($C)
Mob/Demob	40,000
Geological, Structural and Alteration Study	75,000
Assessment Work (Ho claims)	6,000
Underground Development (de-ice, de-water and site prep)	160,000
U/G Diamond Drilling and Sampling (2,500 m)	354,000
Surveying	5,000
Resource Estimation	15,000
Reporting	15,000
Contingency	30,000
Total	**700,000**

Table 10: Phase II Recommended Work Program Budget

Activity	Total Cost ($C)
Mob/Demob	40,000
Geological, Structural and Alteration Study	100,000
Underground Development (800 m)	1,200,000
U/G Diamond Drilling and Sampling (3,500 m)	500,000
Surveying	25,000
Resource Estimation	10,000
Reporting	25,000
Contingency	100,000
Total	**2,000,000**

Respectfully Submitted,



Christopher O. Naas, *P.Geo.*
April 30, 2002

17.0 REFERENCES

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Minfile number 105D-026.

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18.0 CERTIFICATE

I, Christopher O. Naas, do hereby certify that:

1. I am a graduate in geology of Dalhousie University (*B.Sc.*, 1984);

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

3. I am presently a Consulting Geologist and have been so since November 1987;

4. The opinions and conclusions contained herein are based on a review of previous records to August 1, 2001;

5. I have visited the Property in February 1999 for the purpose of gathering information for a due diligence review, and in August 2000 for the purpose of conducting property work programs;

6. I own indirect and contingent shares of Tagish Lake Gold Corp. The CHAR 1-43 claims are registered in my name. I am not independent of Tagish Lake Gold Corp. in accordance of Section 1.5 of National Instrument 43-101;

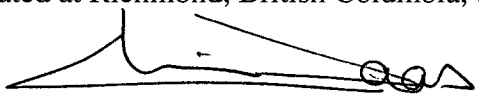
7. As a result of my experience and qualifications, I am a Qualified Person as defined in National Instrument 43-101;

8. In the disclosure of information relating to legal, title and related issues, I have relied on information provided to me by the Mining Recorder of Whitehorse, Yukon Territory, and Tagish Lake Gold Corp. I disclaim responsibility for such information. The information referred to is found under Section 3.0;

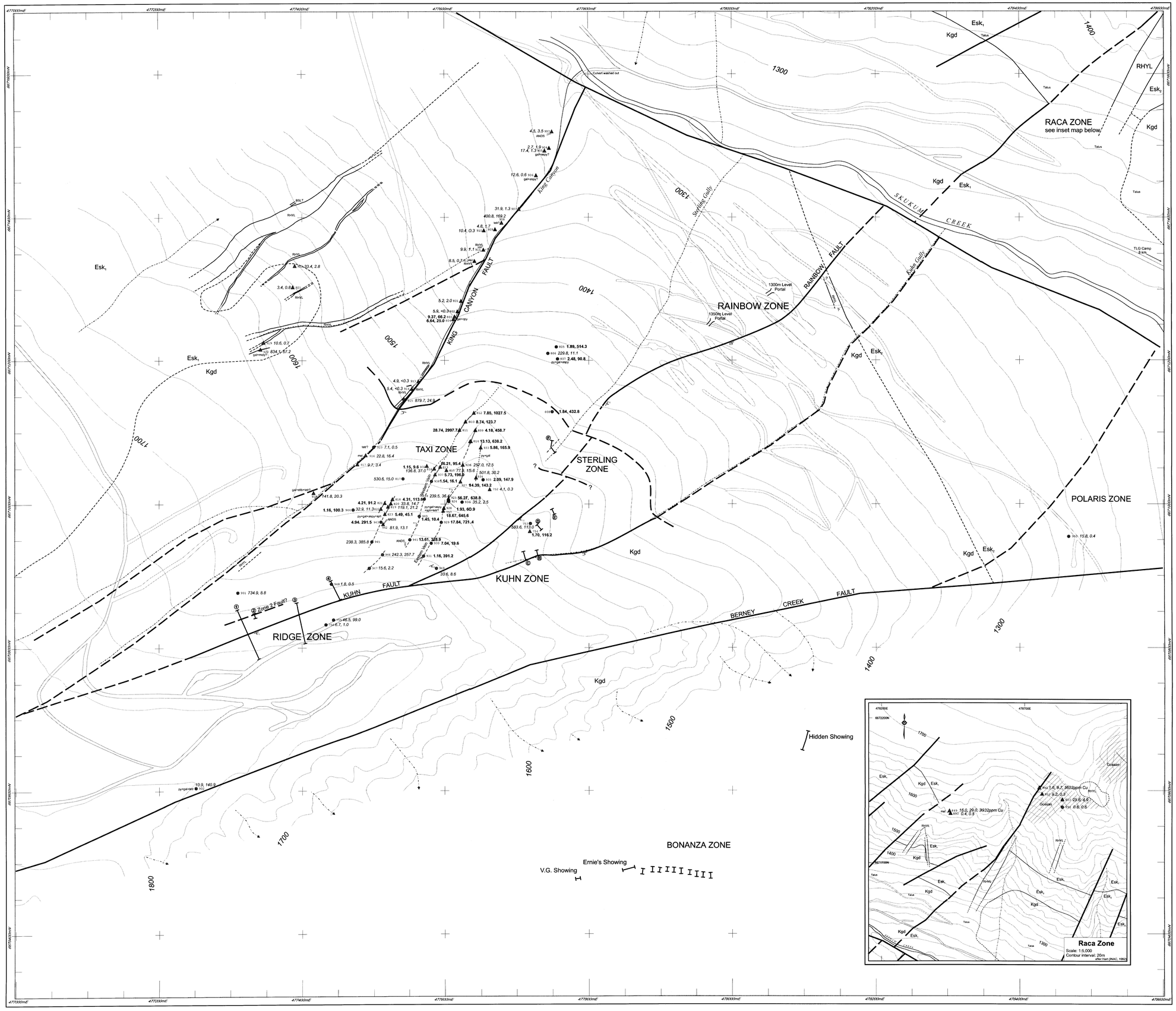
9. I am not aware of any material fact or material change with respect to the subject matter of this report which is not reflected in this report, the omission to disclose which would make this report misleading;

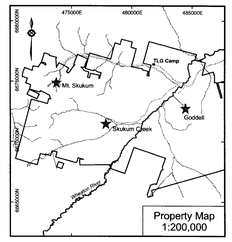
10. I have read National Instrument 43-101 and this report has been prepared in compliance with National Instrument 43-101.

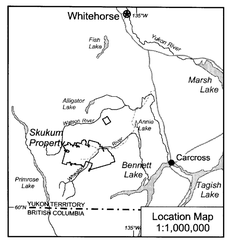
Dated at Richmond, British Columbia, this 1st day of April, 2002.



Christopher O. Naas, *P.Geo.*







LEGEND

GEOLOGY

Tertiary - Skukum Group

- BSLT — Basalt dyke
- RHYL — Rhyolite, rhyodacite dyke
- ANDS — Andesite dyke
- Esk_1 — Andesite and rhyolite tuffs and flows
- Esk_2 — Agglomerates, basal conglomerates

Cretaceous - Coast Plutonic Complex

- Kgd — Mt McNeil Pluton: granodiorite, quartz monzonite, quartz diorite

SYMBOLS

- Quartz vein: defined, inferred
- Fault: defined, inferred
- Geologic contact: defined, inferred
- Gossan
- Road: 4WD accessible; inaccessible
- Creek: continuous, intermittent
- Historical trench and name
- Rock sample location and number: outcrop; float
- 229.8, 11.1 — Rock sample result (<1 g/t Au): Au (ppb), Ag (ppm)
- 4.94, 291.3 — Rock sample result (1 g/t Au): Au (g/t), Ag (g/t)
- Fault strike and dip
- Joint: inclined; vertical
- TAXI ZONE — Geographic area of mineralization (surface and/or underground)

ABBREVIATIONS

aspy - arsenopyrite
born - bornite
cpy - chalcopyrite
gal - galena
magn - magnetite
mal - malachite
py - pyrite
sph - sphalerite
stib - stibnite
tetr - tetrahedrite

0 100 200
metres

UTM Zone 8 North, NAD 83
NTS 105D/3

TAGISH LAKE GOLD CORP.

GEOLOGY AND ROCK SAMPLING
PLAN MAP
Skukum Creek Area

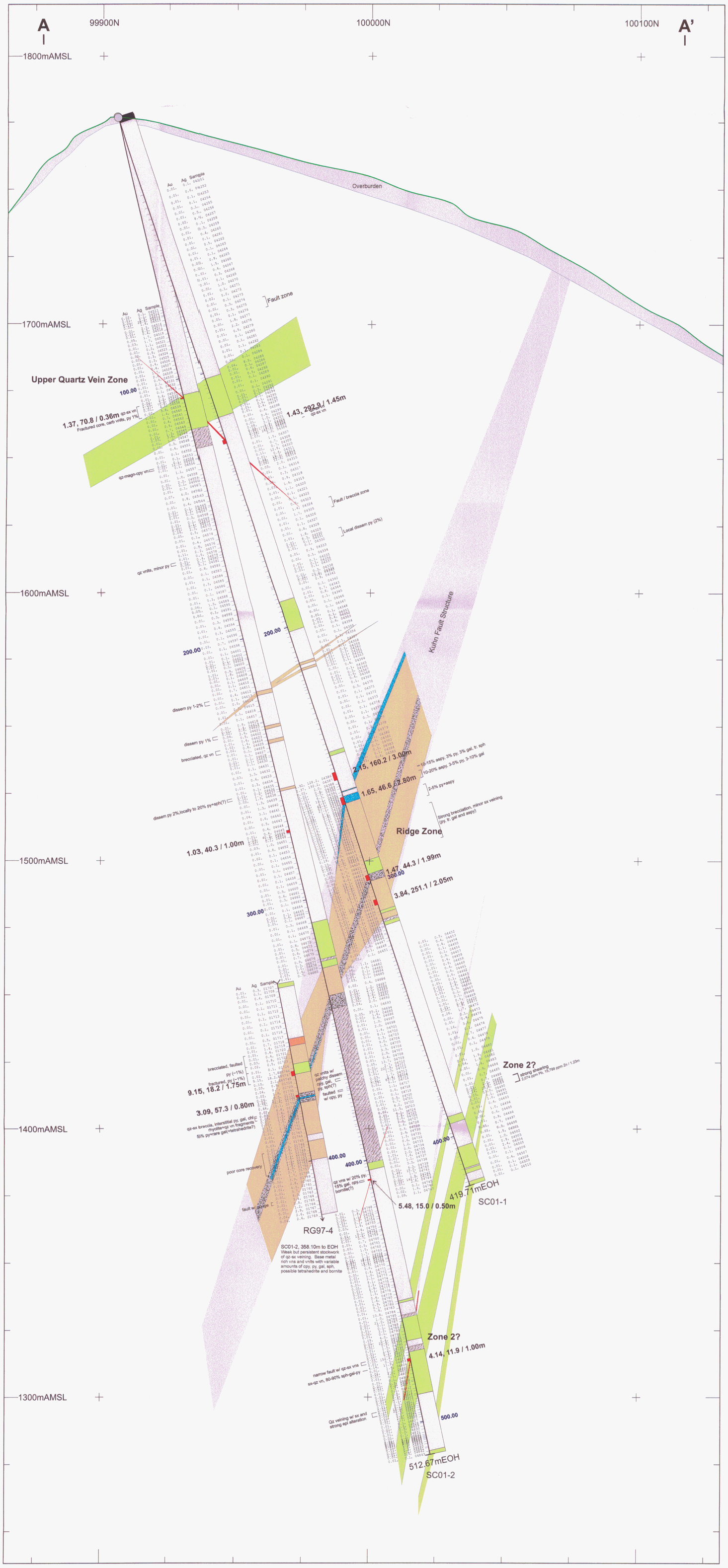
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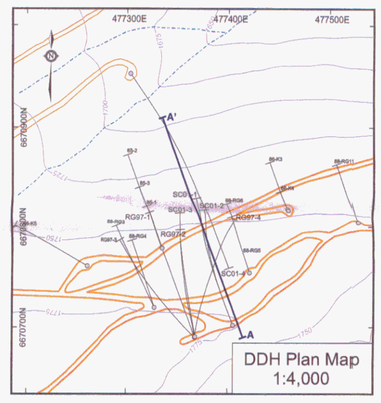
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Whitehorse M.D., Yukon Territory, Canada

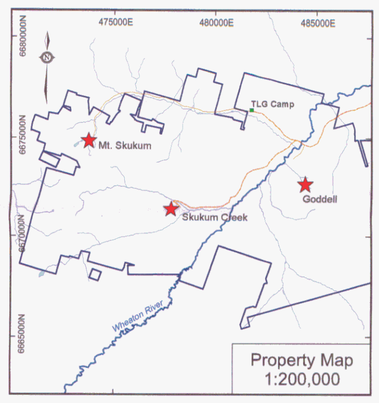
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LEGEND

GEOLOGY

- Casing
- Fault / shear zone
- Quartz-sulphide breccia
- Heterolithic breccia

Mt. Skukum Volcanic Complex (Skukum Group)

- Rhyodacite
- Rhyolite, sulphide-rich
- Dacite
- Andesite

Coast Plutonic Complex (Mt. McNeil Pluton)

- Quartz monzonite
- Granodiorite, sheared

SYMBOLS

- Contact
- Quartz vein
- Fault
- C C' Cross-section line
- Historical trench
- Rock sample location (float)
- *902, 10.9, 140.9* Rock sample number, Au (ppb), Ag (ppm)
- 0.01, 0.3, 04398 DDH collar and trace
- Sample interval: Au (g/t), Ag (g/t), Sample number
- 2.08, 146.5 / 3.78m Significant intersection (≥ 1.00 g/t Au)
- Au (g/t), Ag (g/t) over core length (metres)

ABBREVIATIONS

100000N	Rotated grid (Northing)
1600mAMSL	Elevation in metres above mean sea level
EOH	End of hole
— 200.00	Downhole depth (metres)

aspy - arsenopyrite
carb - carbonate
chl - chlorite
cpy - chalcopyrite
dissem - disseminated
epi - epidote
gal - galena
magn - magnetite
ppm - parts per million
py - pyrite
qz - quartz
sph - sphalerite
sx - sulphide
tr. - trace
vn, vnlts - vein, veinlets
w/ - with

0 15 30 60
metres

Rotated grid: 20° East of North

TAGISH LAKE GOLD CORP.

DDH CROSS SECTION
SECTION A - A'
Ridge Zone

094350

Skukum Project
Whitehorse M.D., Yukon Territory, Canada

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B

B'

99900N

100000N

100100N

1800mAMSL

1700mAMSL

1600mAMSL

1500mAMSL

1400mAMSL

1300mAMSL

Overburden

Trench 1 (1986)

Sample No.	Au (g/t)	Ag (g/t)
152001	8.26	1,430.7
152002	0.41	1,261.7
152003	3.15	418.3
157004	3.77	73.4

(Exact sample locations unknown)

1.75, 43.5 / 2.10m

901, *734.9, 8.8*

1.02, 69.6 / 0.37m

143.26mEOH

85-2

3.50,183.8 / 1.16m

134.42mEOH

85-3

Zone 2?

1.85, 44.2 / 0.43m

Kuhn Fault Structure

Upper Quartz Vein Zone

1.12, 142.6 / 0.40m

qz-carb vn w/ py+magn+gal(?) ±

massive magn+cpy vn ±

bleached potassic

100.00

100.00

100.00

dissem py (2-3%)

epi-rich, minor py

qz-sx veins with up to 10% py

qz-sx veining

Locally abundant py+magn, rare cpy

200.00

200.00

200.00

qz-carb-py(-magn) vnlts

dissem py (5%)

Ridge Zone

dissem py (2%)

local narrow qz-sx breccias w/ 30% py+aspy+gal+sph

2.21, 85.4 / 2.03m

– qz-py-sph-aspy vn

Oxidized fault fragments

– qz-py-aspy vn

269.44mEOH

SC01-3

Pyritic (1-2%, locally to 5%)

Weak to moderate oxidation. Localized qz-carb vnlts with py+aspy(?) up to 5%.

2.71, 28.1 / 0.63m

1.15, 12.5 / 0.90m

300.00

300.00

dissem py (1-2%)

5% py vein fractures

dissem py (1-2%)

moderate to poor recovery 5% py, trace gal

py-gal-aspy(?) vnlts

2.08, 146.5 / 3.76m

15-20% gal, 5-20% py, 2-10% aspy

8.48, 88.0 / 3.30m

qz vns w/ py-gal, patchy dissem py and qz-carb vnlts

= qz-py-gal-sph vn

– qz-py-gal vn

– qz-py-gal vn

3.68, 8.9 / 1.50m

380.70mEOH

RG97-1

Zone 2

– qz-carb-py-gal (-sbb?) vn

400.00

– qz-py-gal vn

1.93, 4.4 / 1.71m

qz-sx breccia and vns Locally massive sph, py, aspy, gal

7.82 ,234.3 / 13.00m

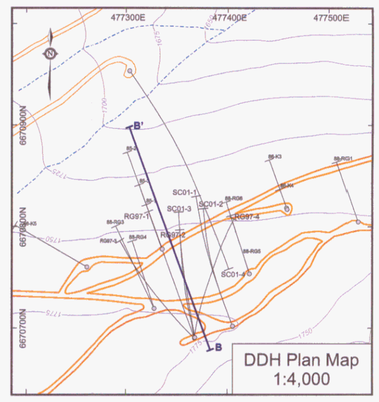
Series of qz-sx vnlts (py+cpy)

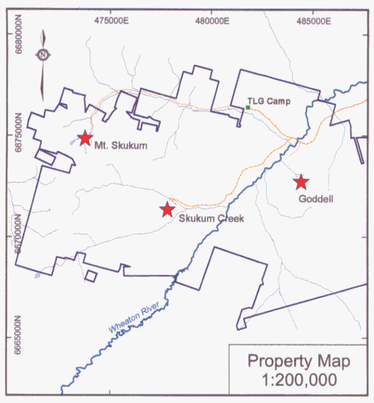
Fault zone with abundant sx vnlts 5-10% py, 2-3% gal, 1% cpy, 2-3% sph

2.78, 61.3 / 1.29m

455.90mEOH

RG97-2





LEGEND

GEOLOGY

- Casing
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- Heterolithic breccia

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SYMBOLS

- Contact
- Quartz vein
- Fault
- C C' Cross-section line
- Historical trench
- Rock sample location (float)
- 902, *10.9, 140.9* Rock sample number, Au (ppb), Ag (ppm)
- DDH collar and trace
- Sample interval: Au (g/t), Ag (g/t), Sample number
- Significant intersection (≥ 1.00 g/t Au)
- Au (g/t), Ag (g/t) over core length (metres)

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sx - sulphide
tr. - trace
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w/ - with

0 15 30 60
metres

Rotated grid: 20° East of North

TAGISH LAKE GOLD CORP.

DDH CROSS SECTION SECTION B - B' Ridge Zone

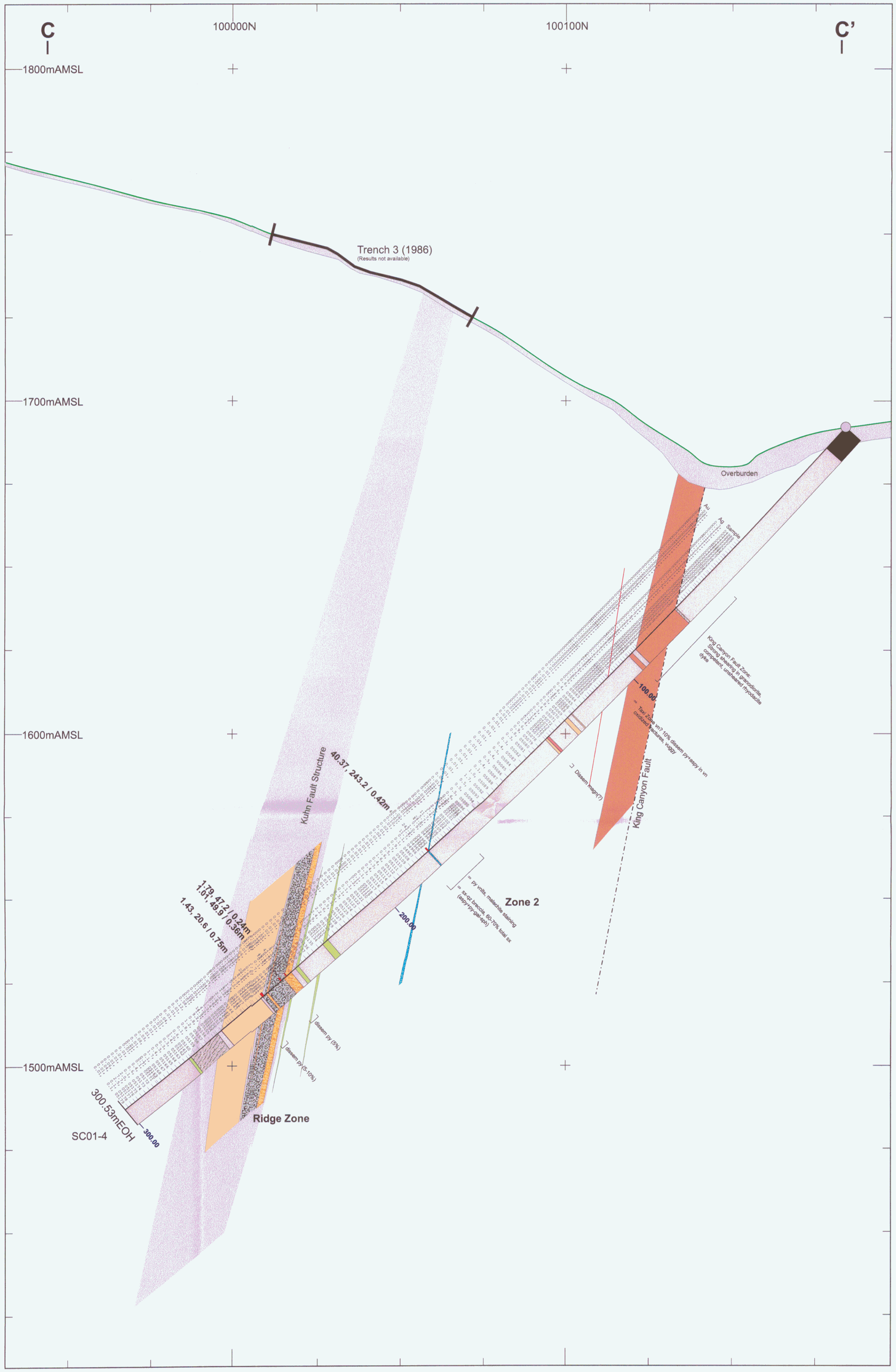
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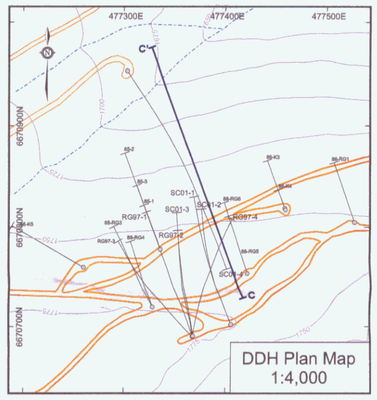
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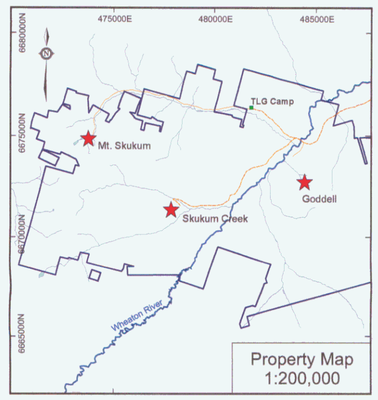
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LEGEND

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py - pyrite
qz - quartz
sph - sphalerite
sx - sulphide
tr. - trace
vn, vnlts - vein, veinlets
w/ - with

094350

0 15 30 60
metres

Rotated grid: 20° East of North

TAGISH LAKE GOLD CORP.

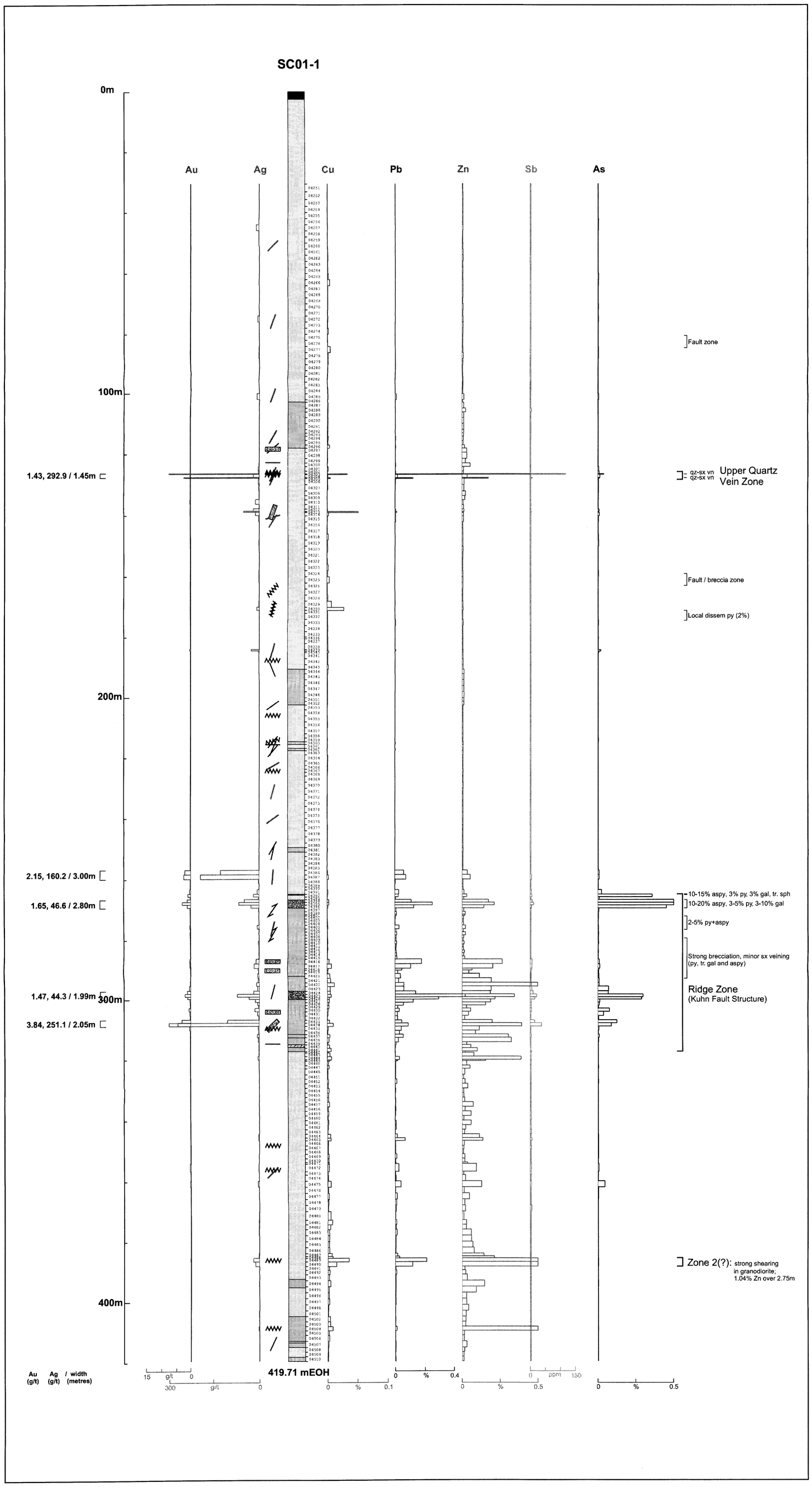
DDH CROSS SECTION
SECTION C - C'
Ridge Zone

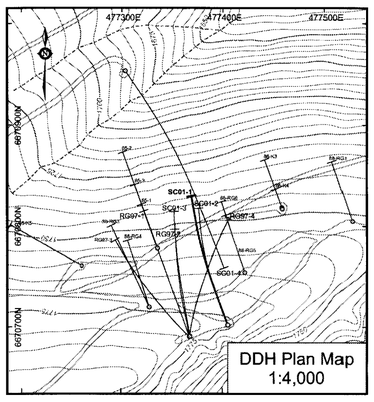
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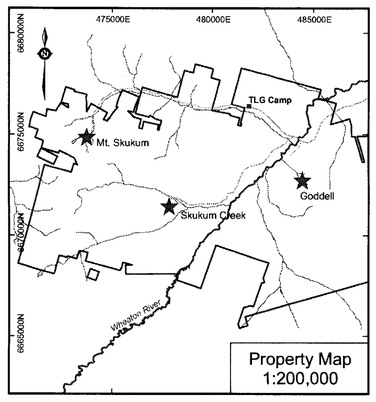
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LEGEND

GEOLOGY

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- Rhyolite, sulphide-rich
- Dacite
- Andesite

Coast Plutonic Complex (Mt. McNeil Pluton)

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- Granodiorite, sheared

SYMBOLS

- Contact
- Breccia
- Fault
- Foliation
- Quartz vein
- Quartz-sulphide vein
- Carbonate-(quartz) vein
- 01551 Sample number

ABBREVIATIONS

Multi-element data	
Au - Gold	Uncut
Ag - Silver	Cut to 300 g/t
As - Arsenic	Cut to 0.5 %
Cu - Copper	Uncut
Pb - Lead	Uncut
Sb - Antimony	Uncut
Zn - Zinc	Cut to 0.5 %

aspy - arsenopyrite
carb - carbonate
chl - chlorite
cpy - chalcopyrite
dissem - disseminated
epi - epidote
gal - galena
magn - magnetite
ppm - parts per million
py - pyrite
qz - quartz
sph - sphalerite
sx - sulphide
tr. - trace
vn, vnlts - vein, veinlets
w/ - with
EOH End of hole

094350

0 15 30 60
metres

TAGISH LAKE GOL D CORP.

DDH STRIP LOG
SC01-1
Ridge Zone

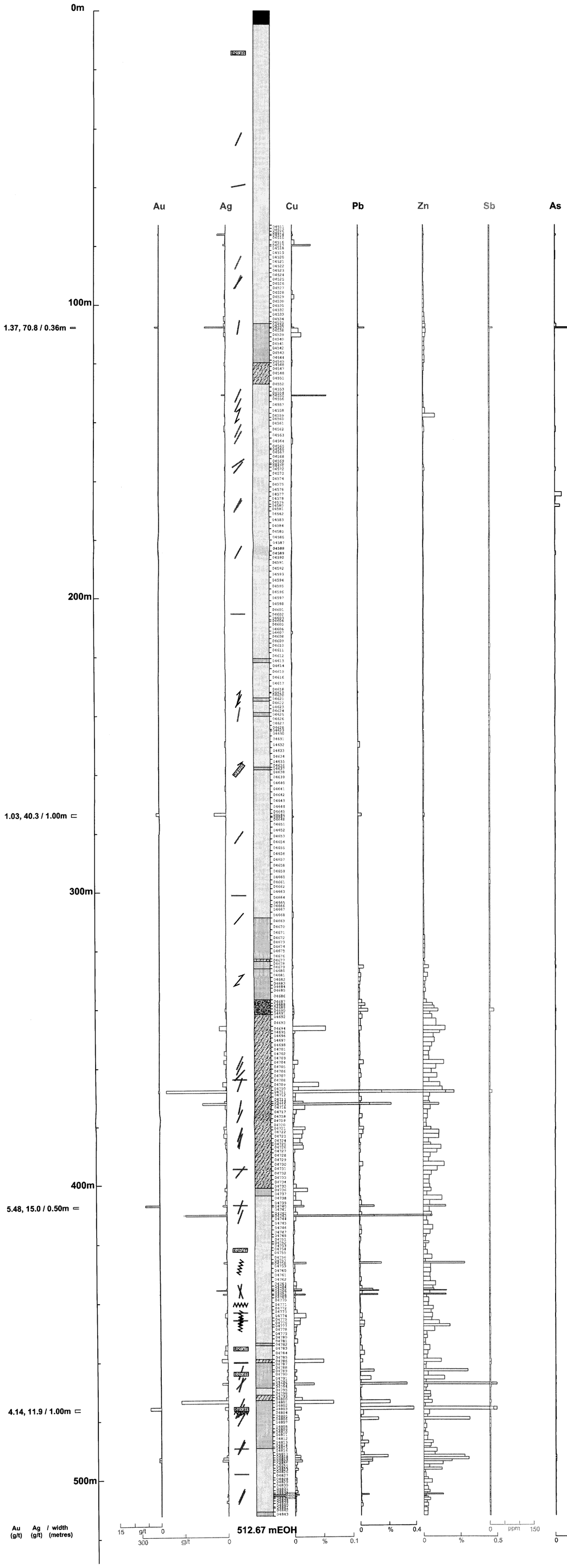
Skukum Project
Whitehorse M.D., Yukon Territory, Canada

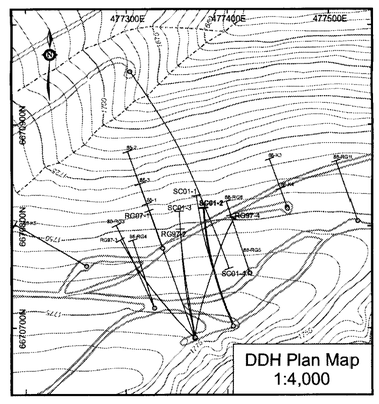
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Figure:	13	Date:	April 2002

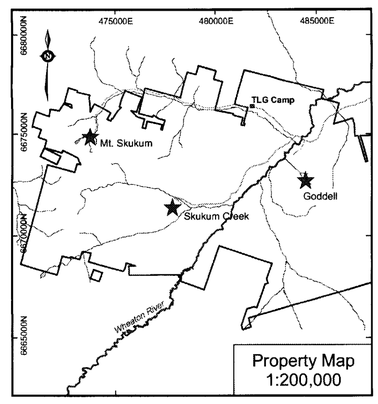
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SC01-2







LEGEND

GEOLOGY

- Casing
- Fault / shear zone
- Quartz-sulphide breccia
- Heterolithic breccia

Mt. Skukum Volcanic Complex (Skukum Group)

- Rhyodacite
- Rhyolite, sulphide-rich
- Dacite
- Andesite

Coast Plutonic Complex (Mt. McNeil Pluton)

- Quartz monzonite
- Granodiorite, sheared

SYMBOLS

- Contact
- Breccia
- Fault
- Foliation
- Quartz vein
- Quartz-sulphide vein
- Carbonate-(quartz) vein
- 01551 Sample number

ABBREVIATIONS

Multi-element data	
Au - Gold	Uncut
Ag - Silver	Cut to 300 g/t
As - Arsenic	Cut to 0.5 %
Cu - Copper	Uncut
Pb - Lead	Uncut
Sb - Antimony	Uncut
Zn - Zinc	Cut to 0.5 %

aspy - arsenopyrite
carb - carbonate
chl - chlorite
cpy - chalcopyrite
dissem - disseminated
epi - epidote
gal - galena
magn - magnetite
ppm - parts per million
py - pyrite
qz - quartz
sph - sphalerite
sx - sulphide
tr. - trace
vn, vnlts - vein, veinlets
w/ - with
EOH End of hole

0 15 30 60
metres

094350

TAGISH LAKE GOLD CORP.

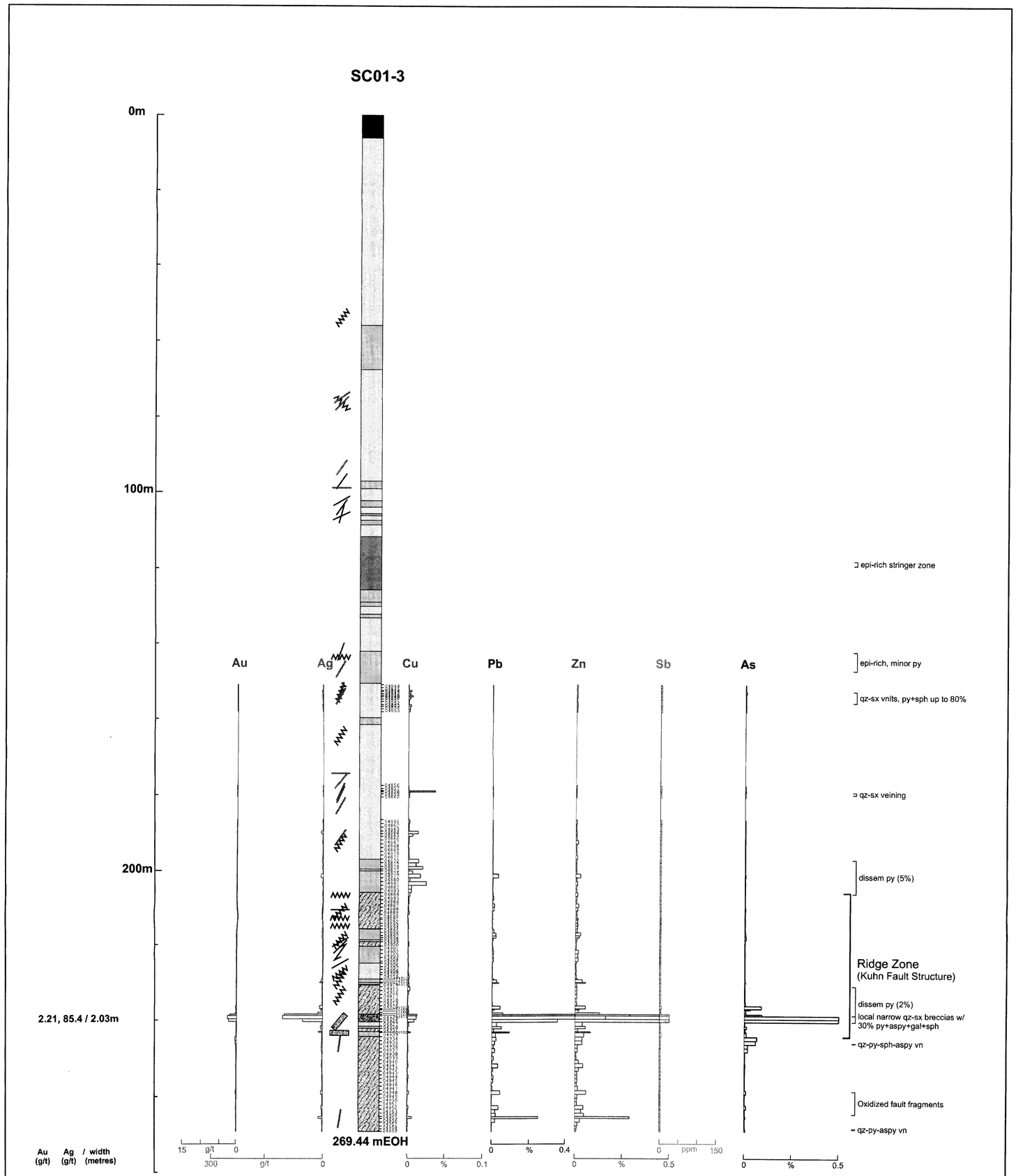
DDH STRIP LOG
SC01-2
Ridge Zone

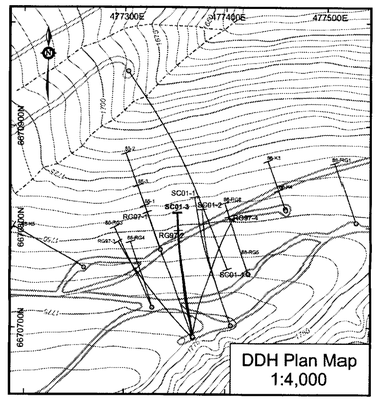
Skukum Project
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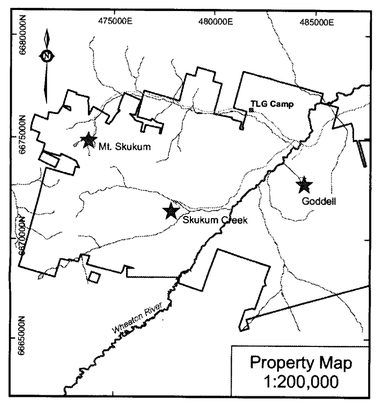
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Figure:	14.	Date:	April 2002

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LEGEND

GEOLOGY

- Casing
- Fault / shear zone
- Quartz-sulphide breccia
- Heterolithic breccia

Mt. Skukum Volcanic Complex (Skukum Group)

- Rhyodacite
- Rhyolite, sulphide-rich
- Dacite
- Andesite

Coast Plutonic Complex (Mt. McNeil Pluton)

- Quartz monzonite
- Granodiorite, sheared

SYMBOLS

- Contact
- Breccia
- Fault
- Foliation
- Quartz vein
- Quartz-sulphide vein
- Carbonate-(quartz) vein
- 01551 Sample number

ABBREVIATIONS

Multi-element data

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magn - magnetite
ppm - parts per million
py - pyrite
qz - quartz
sph - sphalerite
sx - sulphide
tr. - trace
vn, vnlts - vein, veinlets
w/ - with
EOH End of hole

094350

0 15 30 60
metres

TAGISH LAKE GOLD CORP.

DDH STRIP LOG
SC01-3
Ridge Zone

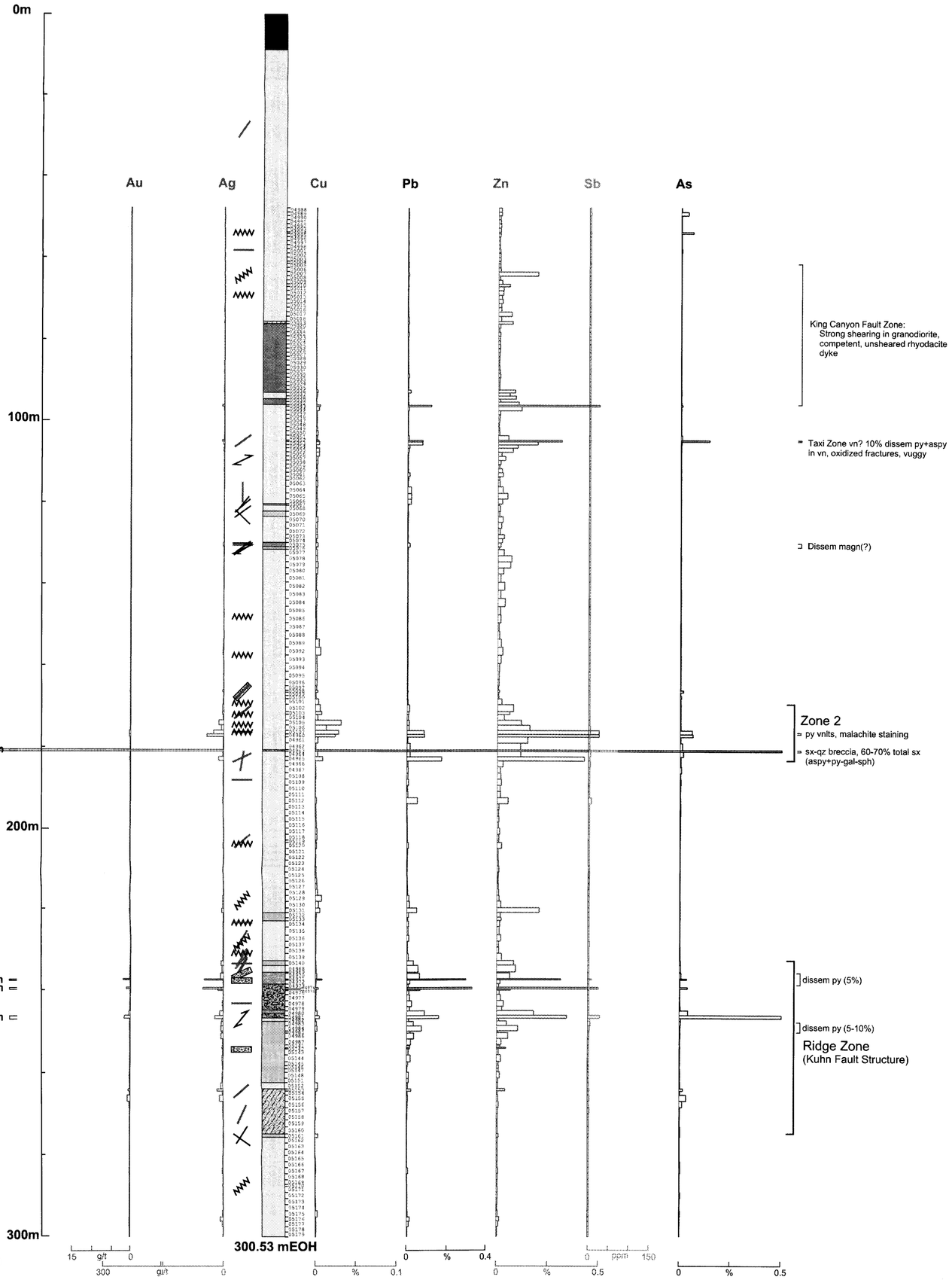
Skukum Project
Whitehorse M.D., Yukon Territory, Canada

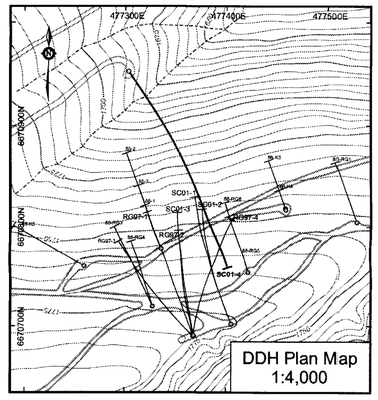
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Figure:	15	Date:	April 2002

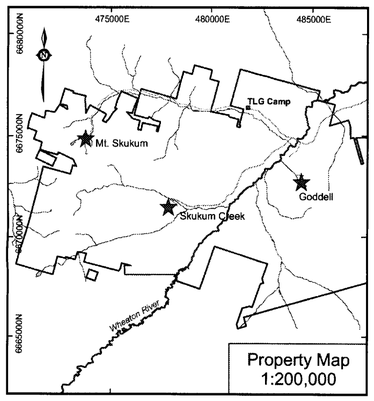
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SC01-4







LEGEND

GEOLOGY

- Casing
- Fault / shear zone
- Quartz-sulphide breccia
- Heterolithic breccia

Mt. Skukum Volcanic Complex (Skukum Group)

- Rhyodacite
- Rhyolite, sulphide-rich
- Dacite
- Andesite

Coast Plutonic Complex (Mt. McNeil Pluton)

- Quartz monzonite
- Granodiorite, sheared

SYMBOLS

- Contact
- Breccia
- Fault
- Foliation
- Quartz vein
- Quartz-sulphide vein
- Carbonate-(quartz) vein
- 01551 Sample number

ABBREVIATIONS

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qz - quartz
sph - sphalerite
sx - sulphide
tr. - trace
vn, vnlts - vein, veinlets
w/ - with
EOH End of hole

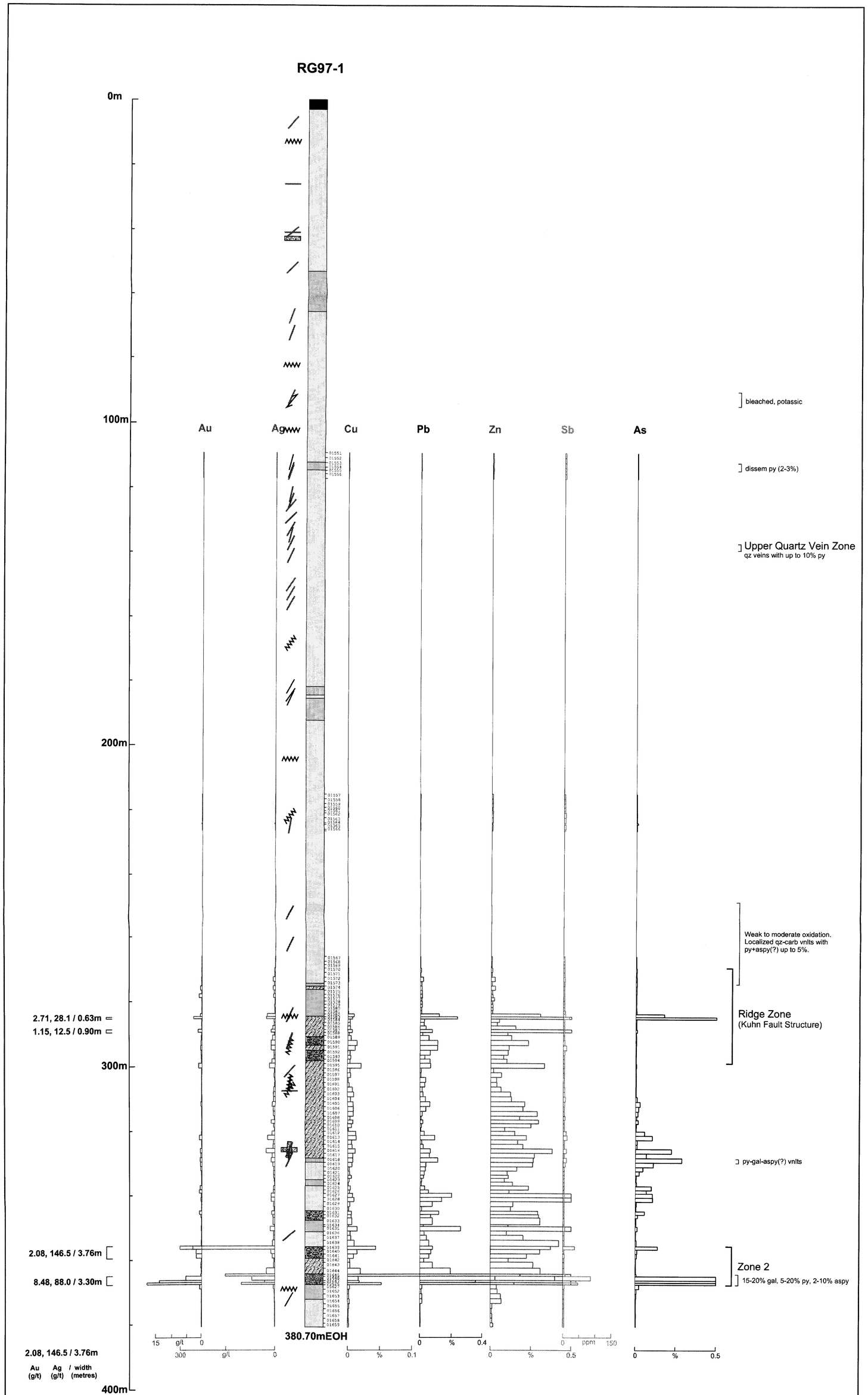
094350

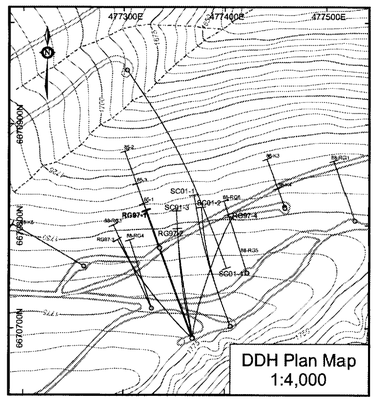
0 15 30 60
metres

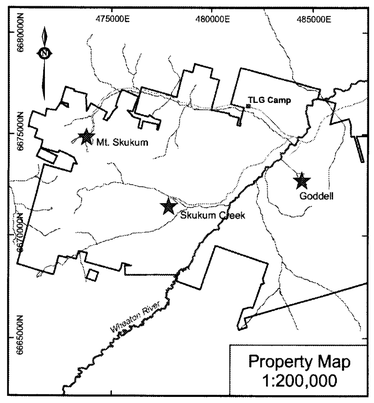
TAGISH LAKE GOLD CORP.			
DDH STRIP LOG SC01-4 Ridge Zone Skukum Project Whitehorse M.D., Yukon Territory, Canada			
Project No:	CP56A	By:	TV
Scale:	1:750	Drawn:	TV
Figure:	16	Date:	April 2002

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LEGEND

GEOLOGY

- Casing
- Fault / shear zone
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- Heterolithic breccia

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- Breccia
- Fault
- Foliation
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- Quartz-sulphide vein
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sph - sphalerite
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tr. - trace
vn, vnlts - vein, veinlets
w/ - with
EOH End of hole

0 15 30 60
metres

094350

TAGISH LAKE GOL D CORP.

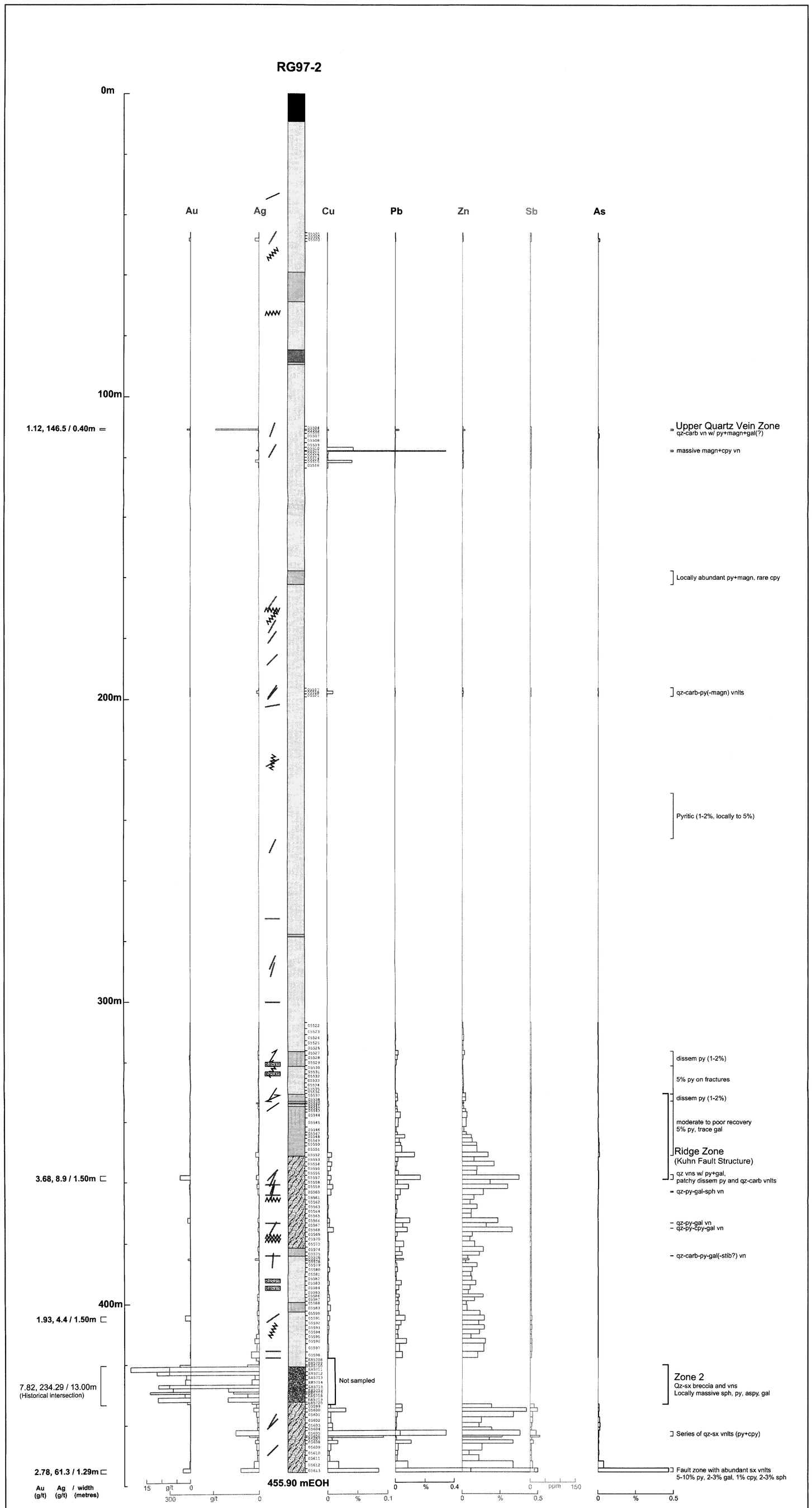
DDH STRIP LOG
RG97-1
Ridge Zone

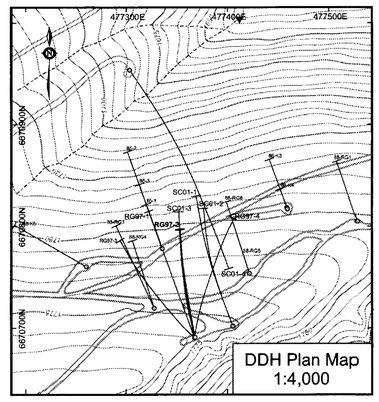
Skukum Project
Whitehorse M.D., Yukon Territory, Canada

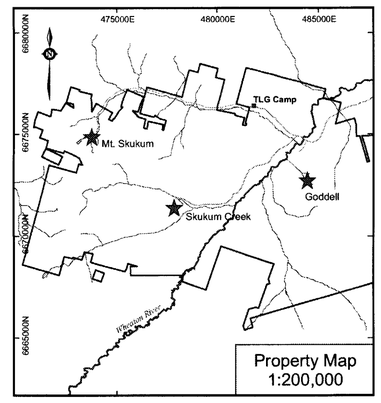
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Scale:	1:750	Drawn:	TV
Figure:	17	Date:	April 2002

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LEGEND

GEOLOGY

- Casing
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sph - sphalerite
sx - sulphide
tr. - trace
vn, vnlts - vein, veinlets
w/ - with
EOH End of hole

0 15 30 60
metres

094350

TAGISH LAKE GOL D CORP.

DDH STRIP LOG
RG97-2
Ridge Zone

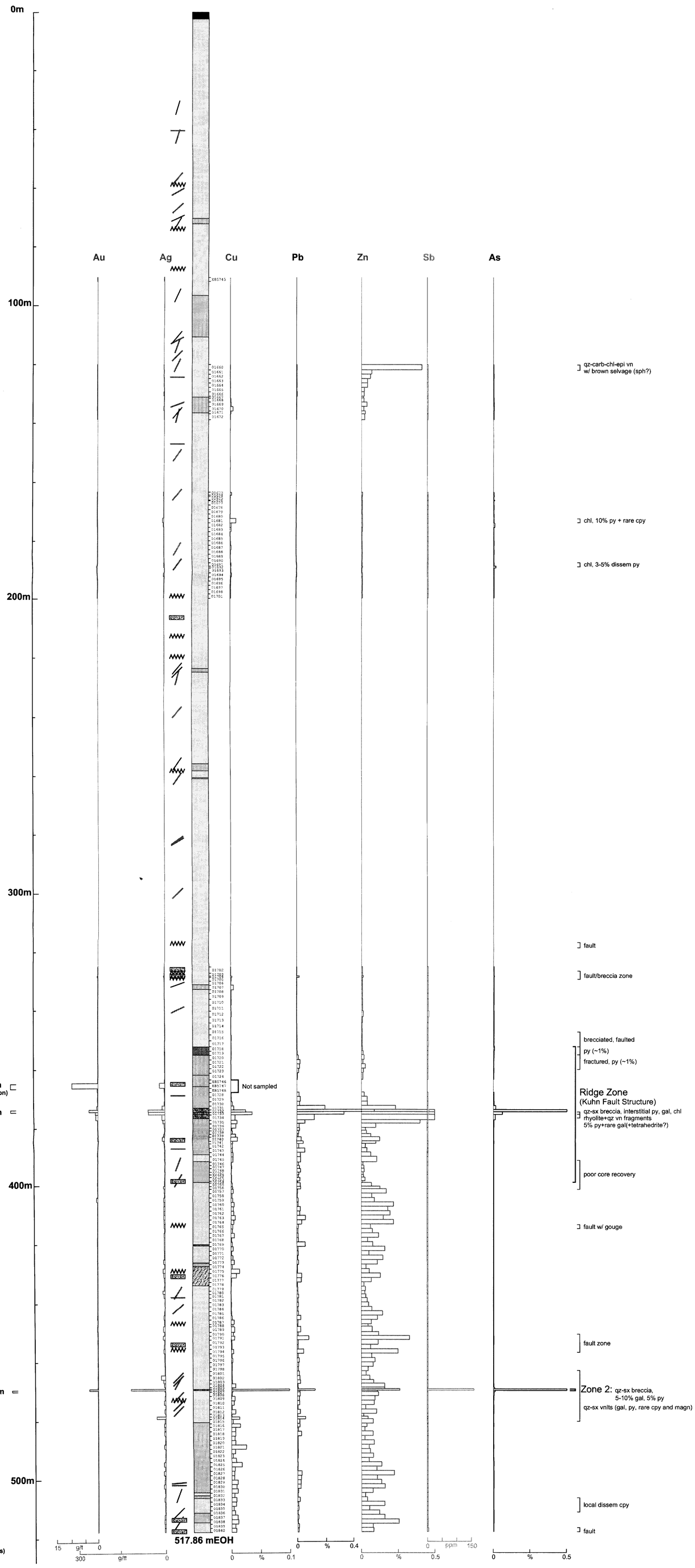
Skukum Project
Whitehorse M.D., Yukon Territory, Canada

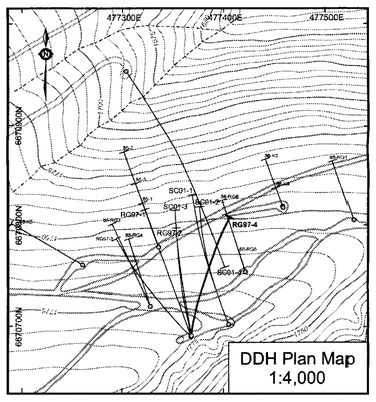
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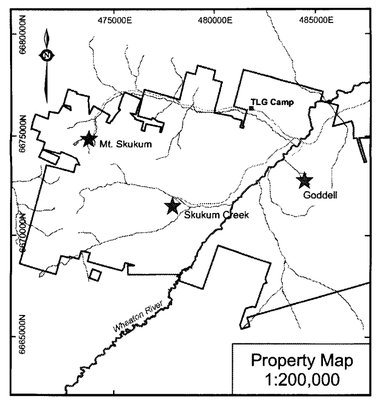
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RG97-4







LEGEND

GEOLOGY

- Casing
- Fault / shear zone
- Quartz-sulphide breccia
- Heterolithic breccia

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- Rhyolite, sulphide-rich
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- Andesite

Coast Plutonic Complex (Mt. McNeil Pluton)

- Quartz monzonite
- Granodiorite, sheared

SYMBOLS

- Contact
- Breccia
- Fault
- Foliation
- Quartz vein
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gal - galena
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ppm - parts per million
py - pyrite
qz - quartz
sph - sphalerite
sx - sulphide
tr. - trace
vn, vnlts - vein, veinlets
w/ - with
EOH End of hole

0 15 30 60
metres

094350

TAGISH LAKE GOL D CORP.

DDH STRIP LOG
RG97-4
Ridge Zone

Skukum Project
Whitehorse M.D., Yukon Territory, Canada

Project No:	CP56A	By:	TV
Scale:	1:750	Drawn:	TV
Figure:	19	Date:	April 2002

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ASSESSMENT REPORT

GEOLOGICAL, GEOCHEMICAL AND DIAMOND DRILLING EXPLORATION on the RACA, WH, KUKU, ERN, CHIEF, TEX, STEN, KIR, OMNI, GLEE, TM, DG, LB, MIL, PUP, MEK, CL, and CHAR Claims

Whitehorse Mining District, Yukon Territory, Canada

NTS 105D/3,4,5,6
60°10'N
135°30'W

094350
V.2

for

TAGISH LAKE GOLD CORP.
2130-21331 Gordon Way
Richmond, BC V6B 2W5

by

Christopher O. Naas, P.Geo.
CME Consulting Ltd.
April 30, 2002

Volume II of II

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APPENDIX I

DEFINITIONS, ABBREVIATIONS AND CONVERSION FACTORS

ABBREVIATIONS AND SYMBOLS

Ag	silver
As	arsenic
Au	gold
Az	azimuth
C$	Canadian dollars
Cd	cadmium
Cu	copper
cm	centimetre
cu. cm	cubic centimetre
cu. m	cubic metre
cu. yd	cubic yard
eq Au	equivalent gold
ft	foot
g	gram
g/cu. m	grams per cubic metre
g/t	grams per metric ton
kg	kilogram
kg/t	kilograms per metric ton
km	kilometre
lb	Pound avoirdupois
m	metre
l	litre
mi	mile
mm	millimetre
n	number of items in a statistical array
oz	troy ounces
oz/cu. yd	troy ounces per cubic yard
oz/T	troy ounces per short ton
Pb	lead
ppb	parts per billion
ppm	parts per million
km^2	square kilometre
Sb	antimony
T	short ton
t	metric ton (tonne)
tpd	short tons per day
t/d	metric tons per day
UTM	Universal Transverse Mercator projection
x	statistical mean
Zn	zinc
%	percent
±	plus or minus
° / ‘ / “	degree/minute/second of arc

CONVERSION FACTORS

Length			
1 millimetre (mm)	0.03937 inches (in)	1 inch (in)	25.40 millimetre (mm)
1 centimetre (cm)	0.394 inches(in)	1 inch (in)	2.540 centimetres (cm)
1 metre (m)	3.281 feet (ft)	1 foot (ft)	0.3048 metres (m)
1 kilometre (km)	0.6214 mile (mi)	1 mile (mi)	1.609 kilometres (km)
Area			
1 sq. centimeter (cm^2)	0.1550 sq. inches (in^2)	1 sq inch (in^2)	6.452 sq. centimetres (cm^2)
1 sq. metre (m^2)	10.76 feet (ft^2)	1 foot (ft)	0.0929 sq. metres (m^2)
1 hectare (ha) (10,000 m^2)	2.471 acres	1 acre	0.4047 hectare (ha)
1 hectare (ha)	0.003861 sq. miles (m^2)	1 sq. mile (m^2)	640 acres
1 hectare (ha)	0.01 sq. kilometre (km^2)	1 sq. mile (m^2)	259.0 hectare (ha)
1 sq. kilometre (km^2)	0.3861 sq. miles (mi^2)	1 sq. mile (m^2)	2.590 sq. kilometres (km^2)
Volume			
1 cu. centimetre (cm^3)	0.06102 cu. inches (in^3)	1 cu. inch (in^3)	16.39 cu. centimetres (cm^3)
1 cu. metre (m^3)	1.308 cu. yards (yd^3)	1 cu. yard (yd^3)	0.7646 cu. metres (m^3)
1 cu. metre (m^3)	35.310 cu. feet (ft^3)	1 cu. foot (ft^3)	0.02832 cu. metres (m^3)
1 litre (l)	0.2642 gallons (U.S.)	1 gallon (U.S.)	3.785 litres (l)
1 litre (l)	0.2200 gallons (U.K.)	1 gallon (U.K.)	4.546 litres (l)
Weights			
1 gram (g)	0.03215 troy ounce (20dwt)	1 troy ounce (oz)	31.1034 grams (g)
1 gram (g)	0.6430 pennyweight (dwt)	1 pennyweight (dwt)	1.555 grams (g)
1 gram (g)	0.03527 oz avoirdupois	1 oz avoirdupois	28.35 grams (g)
1 kilogram (g)	2.205 lb avoirdupois	1 lb avoirdupois	0.4535 kilograms (kg)
1 tonne (t) (metric)	1.102 tons (T) (short ton)	1 ton (T) (short ton) (2000 lb)	0.9072 tonnes (t)
1 tonne (t)	0.9842 long ton	1 long ton (2240 lb)	1.016 tonnes (t)
Miscellaneous			
1 cm/second	0.01968 ft/min	1 ft/min	50.81 cm/second
1 cu. m/second	22.82 million gal/day	1 million gal/day	0.04382 m^3/second
1 cu. m/minute	264.2 gal/min	1 gal/min	0.003785 m^3/minute
1 g/cu. m	62.43 lb/ cu. ft	1 lb/cu. ft^3	0.01602 g/m^3
1 g/cu. m	0.02458 oz/cu. yd	1 oz/cu. yd	40.6817 g/m^3
1 Pascal (Pa)	0.000145 psi	1 psi	6985 Pascal
1 gram/tonne (g/t)	0.029216 troy ounce/ short ton (oz/T)	1 troy ounce/short ton (oz/T)	34.2857 grams/tonne (g/t)
1 g/t	0.583 dwt/short ton	1 dwt/short ton	1.714 g/t
1 g/t	0.653 dwt/long ton	1 dwt/long ton	1.531 g/t
1 g/t	0.0001 %		
1 g/t	1 part per million (ppm)		
1 %	10,000 part per million (ppm)		
1 part per million (ppm)	1,000 part per billion (ppb)		
1 part per billion (ppb)	0.001 part per million (ppm)		

APPENDIX II

CLAIM STATUS

Claim Status: Skukum Property

Claim Name	Grant Number	Expiry Date	Owner	%Owned
RACA 8	Y 60275	February 8, 2004	Omni Resources Inc.	100
RACA 9	Y 60276	February 8, 2004	Omni Resources Inc.	100
RACA 10	Y 60277	February 8, 2004	Omni Resources Inc.	100
RACA 11	Y 60278	February 8, 2004	Omni Resources Inc.	100
POP 1	Y 75415	December 1, 2004	Omni Resources Inc.	100
POP 2	Y 75416	December 1, 2004	Omni Resources Inc.	100
POP 3	Y 75417	December 1, 2003	Omni Resources Inc.	100
POP 4	Y 75418	December 1, 2003	Omni Resources Inc.	100
POP 5	Y 75419	December 1, 2003	Omni Resources Inc.	100
POP 6	Y 75420	December 1, 2005	Omni Resources Inc.	100
POP 7	Y 75421	December 1, 2005	Omni Resources Inc.	100
POP 8	Y 75422	December 1, 2005	Omni Resources Inc.	100
POP 9	Y 75423	December 1, 2005	Omni Resources Inc.	100
POP 10	Y 75424	December 1, 2005	Omni Resources Inc.	100
POP 11	Y 75425	December 1, 2005	Omni Resources Inc.	100
POP 12	Y 75426	December 1, 2005	Omni Resources Inc.	100
POP 13	Y 75427	December 1, 2005	Omni Resources Inc.	100
POP 14	Y 75428	December 1, 2005	Omni Resources Inc.	100
WH 1	Y 75547	September 22, 2007	Omni Resources Inc.	100
WH 2	Y 75548	September 22, 2007	Omni Resources Inc.	100
WH 3	Y 75549	September 22, 2007	Omni Resources Inc.	100
WH 4	Y 75550	September 22, 2007	Omni Resources Inc.	100
WH 5	Y 75551	September 22, 2007	Omni Resources Inc.	100
WH 6	Y 75552	September 22, 2007	Omni Resources Inc.	100
WH 7	Y 75553	September 22, 2007	Omni Resources Inc.	100
WH 8	Y 75554	September 22, 2007	Omni Resources Inc.	100
KUKU 1	YA61199	January 1, 2006	Omni Resources Inc.	100
KUKU 2	YA61200	January 1, 2006	Omni Resources Inc.	100
KUKU 3	YA61201	January 1, 2003	Omni Resources Inc.	100
KUKU 4	YA61202	January 1, 2004	Omni Resources Inc.	100
KUKU 5	YA61203	January 1, 2003	Omni Resources Inc.	100
KUKU 6	YA61204	January 1, 2004	Omni Resources Inc.	100
KUKU 9	YA61207	January 1, 2003	Omni Resources Inc.	100
KUKU 10	YA61208	January 1, 2003	Omni Resources Inc.	100
KUKU 11	YA61209	January 1, 2003	Omni Resources Inc.	100
KUKU 12	YA61210	January 1, 2003	Omni Resources Inc.	100
KUKU 13	YA61211	June 9, 2007	Omni Resources Inc.	100
KUKU 14	YA61212	June 9, 2007	Omni Resources Inc.	100
KUKU 15	YA61213	June 9, 2006	Omni Resources Inc.	100
KUKU 16	YA61214	June 9, 2006	Omni Resources Inc.	100
KUKU 17	YA61215	June 9, 2006	Omni Resources Inc.	100
KUKU 18	YA61216	June 9, 2007	Omni Resources Inc.	100
KUKU 19	YA61217	June 9, 2006	Omni Resources Inc.	100
KUKU 20	YA61218	June 9, 2007	Omni Resources Inc.	100
KUKU 21	YA61219	June 9, 2003	Omni Resources Inc.	100
KUKU 23	YA61221	June 9, 2003	Omni Resources Inc.	100
KUKU 24	YA61222	June 9, 2003	Omni Resources Inc.	100
KUKU 25	YA61223	January 1, 2004	Omni Resources Inc.	100
KUKU 26	YA61224	January 1, 2004	Omni Resources Inc.	100
KUKU 27	YA61225	June 9, 2006	Omni Resources Inc.	100
KUKU 28	YA61226	June 9, 2003	Omni Resources Inc.	100
KUKU 29	YA61227	June 9, 2006	Omni Resources Inc.	100
KUKU 30	YA61228	June 9, 2003	Omni Resources Inc.	100
KUKU 31	YA61229	June 9, 2006	Omni Resources Inc.	100
KUKU 32	YA61230	June 9, 2003	Omni Resources Inc.	100
KUKU 33	YA61231	June 9, 2003	Omni Resources Inc.	100
KUKU 34	YA61232	June 9, 2003	Omni Resources Inc.	100
KUKU 35	YA61233	January 1, 2003	Omni Resources Inc.	100
KUKU 36	YA61234	January 1, 2003	Omni Resources Inc.	100
KUKU 37	YA61235	January 1, 2004	Omni Resources Inc.	100
KUKU 38	YA61236	January 1, 2003	Omni Resources Inc.	100
KUKU 39	YA61237	January 1, 2003	Omni Resources Inc.	100

Claim Status: Skukum Property

Claim Name	Grant Number	Expiry Date	Owner	%Owned
KUKU 40	YA61238	January 1, 2003	Omni Resources Inc.	100
KUKU 41	YA61239	January 1, 2003	Omni Resources Inc.	100
KUKU 43	YA61241	January 1, 2003	Omni Resources Inc.	100
KUKU 45	YA61243	January 1, 2003	Omni Resources Inc.	100
KUKU 46	YA61244	January 1, 2003	Omni Resources Inc.	100
KUKU 47	YA61245	January 1, 2003	Omni Resources Inc.	100
KUKU 48	YA61246	January 1, 2003	Omni Resources Inc.	100
KUKU 50	YA61624	January 1, 2003	Omni Resources Inc.	100
KUKU 65	YA61639	January 1, 2003	Omni Resources Inc.	100
KUKU 66	YA61640	January 1, 2003	Omni Resources Inc.	100
KUKU 97	YA61671	January 1, 2003	Omni Resources Inc.	100
KUKU 98	YA61672	January 1, 2003	Omni Resources Inc.	100
KUKU 99	YA61673	January 1, 2003	Omni Resources Inc.	100
KUKU 100	YA61674	January 1, 2003	Omni Resources Inc.	100
KUKU 194	YA61768	January 1, 2003	Omni Resources Inc.	100
KUKU 196	YA61770	January 1, 2003	Omni Resources Inc.	100
KUKU 197	YA61771	January 1, 2003	Omni Resources Inc.	100
KUKU 198	YA61772	January 1, 2003	Omni Resources Inc.	100
KUKU 199	YA61773	January 1, 2003	Omni Resources Inc.	100
KUKU 250	YA61824	January 1, 2003	Omni Resources Inc.	100
KUKU 251	YA61825	January 1, 2003	Omni Resources Inc.	100
KUKU 282	YA61856	January 1, 2003	Omni Resources Inc.	100
KUKU 283	YA61857	January 1, 2003	Omni Resources Inc.	100
CHIEF 2	YA74385	January 1, 2004	Omni Resources Inc.	100
CHIEF 12	YA74395	January 1, 2004	Omni Resources Inc.	100
CHIEF 13	YA74396	January 1, 2004	Omni Resources Inc.	100
CHIEF 14	YA74397	January 1, 2004	Omni Resources Inc.	100
CHIEF 15	YA74398	January 1, 2004	Omni Resources Inc.	100
CHIEF 16	YA74399	January 1, 2004	Omni Resources Inc.	100
CHIEF 17	YA74400	January 1, 2004	Omni Resources Inc.	100
CHIEF 18	YA74401	January 1, 2004	Omni Resources Inc.	100
CHIEF 19	YA74402	January 1, 2004	Omni Resources Inc.	100
CHIEF 20	YA74403	January 1, 2003	Omni Resources Inc.	100
CHIEF 21	YA74404	January 1, 2004	Omni Resources Inc.	100
CHIEF 22	YA74405	January 1, 2003	Omni Resources Inc.	100
CHIEF 23	YA74406	January 1, 2004	Omni Resources Inc.	100
CHIEF 24	YA74407	January 1, 2004	Omni Resources Inc.	100
CHIEF 25	YA74408	January 1, 2004	Omni Resources Inc.	100
CHIEF 26	YA74409	January 1, 2004	Omni Resources Inc.	100
CHIEF 27	YA74410	January 1, 2004	Omni Resources Inc.	100
CHIEF 32	YA74415	January 1, 2004	Omni Resources Inc.	100
CHIEF 33	YA74416	January 1, 2004	Omni Resources Inc.	100
CHIEF 34	YA74417	January 1, 2004	Omni Resources Inc.	100
CHIEF 35	YA74418	January 1, 2004	Omni Resources Inc.	100
CHIEF 36	YA74419	January 1, 2004	Omni Resources Inc.	100
CHIEF 37	YA74420	January 1, 2004	Omni Resources Inc.	100
CHIEF 38	YA74421	January 1, 2004	Omni Resources Inc.	100
CHIEF 39	YA74422	January 1, 2004	Omni Resources Inc.	100
CHIEF 40	YA74423	January 1, 2004	Omni Resources Inc.	100
CHIEF 41	YA74424	January 1, 2004	Omni Resources Inc.	100
CHIEF 42	YA74425	January 1, 2004	Omni Resources Inc.	100
CHIEF 43	YA74426	January 1, 2004	Omni Resources Inc.	100
CHIEF 44	YA74427	January 1, 2004	Omni Resources Inc.	100
CHIEF 45	YA74428	January 1, 2004	Omni Resources Inc.	100
CHIEF 46	YA74429	January 1, 2004	Omni Resources Inc.	100
CHIEF 47	YA74430	January 1, 2004	Omni Resources Inc.	100
CHIEF 48	YA74431	January 1, 2004	Omni Resources Inc.	100
CHIEF 49	YA74432	January 1, 2004	Omni Resources Inc.	100
CHIEF 52	YA74435	January 1, 2004	Omni Resources Inc.	100
CHIEF 53	YA74436	January 1, 2004	Omni Resources Inc.	100
CHIEF 54	YA74437	January 1, 2004	Omni Resources Inc.	100
CHIEF 55	YA74438	January 1, 2004	Omni Resources Inc.	100

Claim Status: Skukum Property

Claim Name	Grant Number	Expiry Date	Owner	%Owned
CHIEF 56	YA74439	January 1, 2004	Omni Resources Inc.	100
CHIEF 57	YA74440	January 1, 2004	Omni Resources Inc.	100
CHIEF 58	YA74441	January 1, 2004	Omni Resources Inc.	100
CHIEF 59	YA74442	January 1, 2004	Omni Resources Inc.	100
CHIEF 60	YA74443	January 1, 2004	Omni Resources Inc.	100
CHIEF 61	YA74444	January 1, 2004	Omni Resources Inc.	100
CHIEF 62	YA74445	January 1, 2004	Omni Resources Inc.	100
CHIEF 63	YA74446	January 1, 2004	Omni Resources Inc.	100
CHIEF 64	YA74447	January 1, 2004	Omni Resources Inc.	100
CHIEF 65	YA74448	January 1, 2004	Omni Resources Inc.	100
CHIEF 66	YA74449	January 1, 2004	Omni Resources Inc.	100
CHIEF 67	YA74450	January 1, 2004	Omni Resources Inc.	100
CHIEF 68	YA74451	January 1, 2004	Omni Resources Inc.	100
PUP 85	YA78390	January 1, 2004	Omni Resources Inc.	100
POP 15	YA81468	December 1, 2003	Omni Resources Inc.	100
POP 16	YA81469	December 1, 2003	Omni Resources Inc.	100
POP 17	YA81470	December 1, 2003	Omni Resources Inc.	100
POP 18	YA81471	December 1, 2003	Omni Resources Inc.	100
POP 19	YA81472	December 1, 2003	Omni Resources Inc.	100
POP 20	YA81473	December 1, 2003	Omni Resources Inc.	100
POP 21	YA81474	December 1, 2003	Omni Resources Inc.	100
POP 22	YA81475	December 1, 2005	Omni Resources Inc.	100
POP 23	YA81476	December 1, 2005	Omni Resources Inc.	100
POP 24	YA81477	December 1, 2005	Omni Resources Inc.	100
POP 25	YA81478	December 1, 2003	Omni Resources Inc.	100
POP 26	YA81479	December 1, 2005	Omni Resources Inc.	100
POP 27	YA81480	December 1, 2003	Omni Resources Inc.	100
POP 28	YA81481	December 1, 2003	Omni Resources Inc.	100
POP 29	YA81482	December 1, 2005	Omni Resources Inc.	100
POP 30	YA81483	December 1, 2005	Omni Resources Inc.	100
POP 31	YA81484	December 1, 2007	Omni Resources Inc.	100
POP 32	YA81485	December 1, 2005	Omni Resources Inc.	100
POP 33	YA81486	December 1, 2007	Omni Resources Inc.	100
POP 34	YA81487	December 1, 2005	Omni Resources Inc.	100
POP 35	YA81488	December 1, 2007	Omni Resources Inc.	100
POP 36	YA81489	December 1, 2007	Omni Resources Inc.	100
POP 37	YA81490	December 1, 2007	Omni Resources Inc.	100
POP 38	YA81491	December 1, 2007	Omni Resources Inc.	100
POP 39	YA81492	December 1, 2003	Omni Resources Inc.	100
POP 40	YA81493	December 1, 2003	Omni Resources Inc.	100
POP 41	YA81494	December 1, 2002	Omni Resources Inc.	100
POP 42	YA81495	December 1, 2005	Omni Resources Inc.	100
POP 43	YA81496	December 1, 2005	Omni Resources Inc.	100
POP 44	YA81497	December 1, 2005	Omni Resources Inc.	100
POP 45	YA81498	December 1, 2005	Omni Resources Inc.	100
POP 46	YA81499	December 1, 2005	Omni Resources Inc.	100
POP 47	YA81500	December 1, 2005	Omni Resources Inc.	100
POP 48	YA81501	December 1, 2005	Omni Resources Inc.	100
POP 49	YA81502	December 1, 2003	Omni Resources Inc.	100
POP 50	YA81503	December 1, 2007	Omni Resources Inc.	100
POP 51	YA81504	December 1, 2005	Omni Resources Inc.	100
POP 52	YA81505	December 1, 2007	Omni Resources Inc.	100
POP 53	YA81506	December 1, 2005	Omni Resources Inc.	100
POP 54	YA81507	December 1, 2007	Omni Resources Inc.	100
POP 55	YA81508	December 1, 2005	Omni Resources Inc.	100
POP 56	YA81509	December 1, 2005	Omni Resources Inc.	100
POP 57	YA81510	December 1, 2005	Omni Resources Inc.	100
POP 58	YA81511	December 1, 2005	Omni Resources Inc.	100
POP 59	YA81512	December 1, 2007	Omni Resources Inc.	100
POP 60	YA81513	December 1, 2005	Omni Resources Inc.	100
POP 61	YA81514	December 1, 2007	Omni Resources Inc.	100
POP 62	YA81515	December 1, 2005	Omni Resources Inc.	100

Claim Status: Skukum Property

Claim Name	Grant Number	Expiry Date	Owner	%Owned
POP 63	YA81516	December 1, 2003	Omni Resources Inc.	100
POP 64	YA81517	December 1, 2003	Omni Resources Inc.	100
POP 65	YA81518	December 1, 2009	Omni Resources Inc.	100
POP 66	YA81519	December 1, 2009	Omni Resources Inc.	100
POP 67	YA81520	December 1, 2009	Omni Resources Inc.	100
POP 68	YA81521	December 1, 2009	Omni Resources Inc.	100
POP 69	YA81522	December 1, 2005	Omni Resources Inc.	100
POP 70	YA81523	December 1, 2005	Omni Resources Inc.	100
ERN 1	YA81543	September 22, 2004	Omni Resources Inc.	100
ERN 2	YA81544	September 22, 2004	Omni Resources Inc.	100
ERN 3	YA81545	September 22, 2004	Omni Resources Inc.	100
ERN 4	YA81546	September 22, 2004	Omni Resources Inc.	100
ERN 5	YA81547	September 22, 2004	Omni Resources Inc.	100
ERN 6	YA81548	September 22, 2004	Omni Resources Inc.	100
ERN 7	YA81549	September 22, 2004	Omni Resources Inc.	100
ERN 8	YA81550	September 22, 2004	Omni Resources Inc.	100
ERN 9	YA81551	September 22, 2004	Omni Resources Inc.	100
ERN 10	YA81552	September 22, 2004	Omni Resources Inc.	100
ERN 11	YA81553	September 22, 2004	Omni Resources Inc.	100
ERN 12	YA81554	September 22, 2004	Omni Resources Inc.	100
ERN 13	YA81555	September 22, 2004	Omni Resources Inc.	100
ERN 14	YA81556	September 22, 2004	Omni Resources Inc.	100
ERN 15	YA81557	September 22, 2003	Omni Resources Inc.	100
MOM 1	YA81767	December 1, 2002	Omni Resources Inc.	100
MOM 2	YA81768	December 1, 2002	Omni Resources Inc.	100
MOM 3	YA81769	December 1, 2003	Omni Resources Inc.	100
MOM 4	YA81770	December 1, 2003	Omni Resources Inc.	100
MOM 5	YA81771	December 1, 2003	Omni Resources Inc.	100
MOM 6	YA81772	December 1, 2003	Omni Resources Inc.	100
MOM 7	YA81773	December 1, 2003	Omni Resources Inc.	100
MOM 8	YA81774	December 1, 2003	Omni Resources Inc.	100
MOM 9	YA81775	December 1, 2003	Omni Resources Inc.	100
MOM 10	YA81776	December 1, 2003	Omni Resources Inc.	100
MOM 15	YA81781	December 1, 2003	Omni Resources Inc.	100
MOM 16	YA81782	December 1, 2003	Omni Resources Inc.	100
MOM 17	YA81783	December 1, 2003	Omni Resources Inc.	100
MOM 18	YA81784	December 1, 2003	Omni Resources Inc.	100
MOM 19	YA81785	December 1, 2003	Omni Resources Inc.	100
MOM 20	YA81786	December 1, 2003	Omni Resources Inc.	100
MOM 21	YA81787	December 1, 2003	Omni Resources Inc.	100
MOM 22	YA81788	December 1, 2003	Omni Resources Inc.	100
MOM 23	YA81789	December 1, 2003	Omni Resources Inc.	100
MOM 24	YA81790	December 1, 2003	Omni Resources Inc.	100
MOM 25	YA81791	December 1, 2003	Omni Resources Inc.	100
MOM 26	YA81792	December 1, 2003	Omni Resources Inc.	100
MOM 27	YA81793	December 1, 2003	Omni Resources Inc.	100
MOM 28	YA81794	December 1, 2003	Omni Resources Inc.	100
MOM 29	YA81795	December 1, 2003	Omni Resources Inc.	100
MOM 30	YA81796	December 1, 2003	Omni Resources Inc.	100
MOM 31	YA81797	December 1, 2003	Omni Resources Inc.	100
MOM 32	YA81798	December 1, 2003	Omni Resources Inc.	100
MOM 33	YA81799	December 1, 2003	Omni Resources Inc.	100
MOM 34	YA81800	December 1, 2003	Omni Resources Inc.	100
MOM 35	YA81801	December 1, 2003	Omni Resources Inc.	100
MOM 36	YA81802	December 1, 2003	Omni Resources Inc.	100
MOM 37	YA81803	December 1, 2003	Omni Resources Inc.	100
MOM 38	YA81804	December 1, 2003	Omni Resources Inc.	100
MOM 39	YA81805	December 1, 2003	Omni Resources Inc.	100
MOM 40	YA81806	December 1, 2003	Omni Resources Inc.	100
MOM 41	YA81807	December 1, 2003	Omni Resources Inc.	100
MOM 42	YA81808	December 1, 2003	Omni Resources Inc.	100
MOM 43	YA81809	December 1, 2003	Omni Resources Inc.	100

Claim Status: Skukum Property

Claim Name	Grant Number	Expiry Date	Owner	%Owned
MOM 44	YA81810	December 1, 2003	Omni Resources Inc.	100
MOM 47	YA81813	December 1, 2003	Omni Resources Inc.	100
MOM 48	YA81814	December 1, 2003	Omni Resources Inc.	100
MOM 49	YA81815	December 1, 2003	Omni Resources Inc.	100
MOM 50	YA81816	December 1, 2003	Omni Resources Inc.	100
MOM 51	YA81817	December 1, 2003	Omni Resources Inc.	100
MOM 52	YA81818	December 1, 2003	Omni Resources Inc.	100
MOM 53	YA81819	December 1, 2003	Omni Resources Inc.	100
MOM 54	YA81820	December 1, 2003	Omni Resources Inc.	100
MOM 55	YA81821	December 1, 2003	Omni Resources Inc.	100
MOM 56	YA81822	December 1, 2003	Omni Resources Inc.	100
MOM 57	YA81823	December 1, 2003	Omni Resources Inc.	100
MOM 58	YA81824	December 1, 2003	Omni Resources Inc.	100
MOM 59	YA81825	December 1, 2003	Omni Resources Inc.	100
MOM 60	YA81826	December 1, 2003	Omni Resources Inc.	100
MOM 62	YA81828	December 1, 2003	Omni Resources Inc.	100
MOM 63	YA81829	December 1, 2003	Omni Resources Inc.	100
MOM 64	YA81830	December 1, 2003	Omni Resources Inc.	100
MOM 65	YA81831	December 1, 2003	Omni Resources Inc.	100
MOM 66	YA81832	December 1, 2003	Omni Resources Inc.	100
MOM 67	YA81833	December 1, 2003	Omni Resources Inc.	100
MOM 68	YA81834	December 1, 2003	Omni Resources Inc.	100
MOM 69	YA81835	December 1, 2003	Omni Resources Inc.	100
MOM 70	YA81836	December 1, 2003	Omni Resources Inc.	100
MOM 71	YA81837	December 1, 2003	Omni Resources Inc.	100
MOM 72	YA81838	December 1, 2003	Omni Resources Inc.	100
MOM 73	YA81839	December 1, 2003	Omni Resources Inc.	100
MOM 74	YA81840	December 1, 2003	Omni Resources Inc.	100
MOM 75	YA81841	December 1, 2003	Omni Resources Inc.	100
MOM 76	YA81842	December 1, 2005	Omni Resources Inc.	100
MOM 77	YA81843	December 1, 2003	Omni Resources Inc.	100
MOM 78	YA81844	December 1, 2005	Omni Resources Inc.	100
MOM 79	YA81845	December 1, 2003	Omni Resources Inc.	100
MOM 80	YA81846	December 1, 2005	Omni Resources Inc.	100
MOM 81	YA81847	December 1, 2003	Omni Resources Inc.	100
MOM 82	YA82000	December 1, 2003	Omni Resources Inc.	100
MOM 83	YA82001	December 1, 2003	Omni Resources Inc.	100
MOM 84	YA82002	December 1, 2003	Omni Resources Inc.	100
MOM 85	YA82003	December 1, 2003	Omni Resources Inc.	100
MOM 86	YA82004	December 1, 2003	Omni Resources Inc.	100
MOM 87	YA82005	December 1, 2003	Omni Resources Inc.	100
MOM 88	YA82006	December 1, 2003	Omni Resources Inc.	100
MOM 89	YA82007	December 1, 2003	Omni Resources Inc.	100
TECH 1	YA82362	December 1, 2003	Omni Resources Inc.	100
TECH 2	YA82363	December 1, 2003	Omni Resources Inc.	100
TECH 3	YA82364	December 1, 2003	Omni Resources Inc.	100
TECH 4	YA82365	December 1, 2003	Omni Resources Inc.	100
TECH 7	YA82368	December 1, 2003	Omni Resources Inc.	100
TECH 8	YA82369	December 1, 2003	Omni Resources Inc.	100
TECH 9	YA82370	December 1, 2003	Omni Resources Inc.	100
TECH 10	YA82371	December 1, 2002	Omni Resources Inc.	100
TECH 11	YA82372	December 1, 2003	Omni Resources Inc.	100
TECH 12	YA82373	December 1, 2003	Omni Resources Inc.	100
TECH 13	YA82374	December 1, 2003	Omni Resources Inc.	100
TECH 15	YA82376	December 1, 2003	Omni Resources Inc.	100
TECH 16	YA82377	December 1, 2003	Omni Resources Inc.	100
TECH 17	YA82378	December 1, 2003	Omni Resources Inc.	100
TECH 18	YA82379	December 1, 2003	Omni Resources Inc.	100
TREE 1	YA82961	September 22, 2006	Omni Resources Inc.	100
TREE 2	YA82962	September 22, 2006	Omni Resources Inc.	100
TREE 3	YA82963	September 22, 2006	Omni Resources Inc.	100
TREE 4	YA82964	September 22, 2006	Omni Resources Inc.	100

Claim Status: Skukum Property

Claim Name	Grant Number	Expiry Date	Owner	%Owned
TREE 5	YA82965	September 22, 2006	Omni Resources Inc.	100
ERN 16	YA85503	September 22, 2004	Omni Resources Inc.	100
ERN 17	YA85504	September 22, 2004	Omni Resources Inc.	100
ERN 18	YA85505	September 22, 2004	Omni Resources Inc.	100
ERN 19	YA85506	September 22, 2004	Omni Resources Inc.	100
ERN 20	YA85507	September 22, 2004	Omni Resources Inc.	100
ERN 21	YA85508	September 22, 2004	Omni Resources Inc.	100
ERN 22	YA85509	September 22, 2004	Omni Resources Inc.	100
ERN 24	YA85511	September 22, 2004	Omni Resources Inc.	100
ERN 25	YA85512	September 22, 2004	Omni Resources Inc.	100
ERN 26	YA85513	September 22, 2004	Omni Resources Inc.	100
ERN 27	YA85514	September 22, 2004	Omni Resources Inc.	100
ERN 30	YA85515	September 22, 2004	Omni Resources Inc.	100
ERN 31	YA85516	September 22, 2004	Omni Resources Inc.	100
ERN 32	YA85517	September 22, 2004	Omni Resources Inc.	100
ERN 33	YA85518	September 22, 2004	Omni Resources Inc.	100
TECH 19	YA86013	December 1, 2003	Omni Resources Inc.	100
TECH 20	YA86014	December 1, 2003	Omni Resources Inc.	100
TECH 21	YA86015	December 1, 2003	Omni Resources Inc.	100
POP 71	YA86194	December 1, 2003	Omni Resources Inc.	100
POP 72	YA86195	December 1, 2003	Omni Resources Inc.	100
POP 73	YA86196	December 1, 2005	Omni Resources Inc.	100
POP 74	YA86197	December 1, 2005	Omni Resources Inc.	100
POP 75	YA86198	December 1, 2005	Omni Resources Inc.	100
POP 76	YA86199	December 1, 2005	Omni Resources Inc.	100
POP 77	YA86200	December 1, 2008	Omni Resources Inc.	100
POP 78	YA86201	December 1, 2006	Omni Resources Inc.	100
POP 79	YA86202	December 1, 2008	Omni Resources Inc.	100
POP 80	YA86203	December 1, 2006	Omni Resources Inc.	100
POP 81	YA86204	December 1, 2006	Omni Resources Inc.	100
POP 82	YA86205	December 1, 2006	Omni Resources Inc.	100
POP 83	YA86206	December 1, 2003	Omni Resources Inc.	100
POP 84	YA86207	December 1, 2003	Omni Resources Inc.	100
POP 85	YA86208	December 1, 2005	Omni Resources Inc.	100
POP 86	YA86209	December 1, 2005	Omni Resources Inc.	100
POP 87	YA86210	December 1, 2005	Omni Resources Inc.	100
POP 88	YA86211	December 1, 2005	Omni Resources Inc.	100
POP 89	YA86212	December 1, 2005	Omni Resources Inc.	100
POP 90	YA86213	December 1, 2005	Omni Resources Inc.	100
POP 91	YA86214	December 1, 2005	Omni Resources Inc.	100
POP 92	YA86215	December 1, 2005	Omni Resources Inc.	100
POP 93	YA86216	December 1, 2005	Omni Resources Inc.	100
POP 94	YA86217	December 1, 2005	Omni Resources Inc.	100
POP 95	YA86218	December 1, 2005	Omni Resources Inc.	100
POP 96	YA86219	December 1, 2005	Omni Resources Inc.	100
POP 97	YA86220	December 1, 2005	Omni Resources Inc.	100
POP 98	YA86221	December 1, 2005	Omni Resources Inc.	100
POP 99	YA86222	December 1, 2005	Omni Resources Inc.	100
POP 100	YA86223	December 1, 2005	Omni Resources Inc.	100
POP 101	YA86224	December 1, 2005	Omni Resources Inc.	100
POP 102	YA86225	December 1, 2005	Omni Resources Inc.	100
POP 103	YA86226	December 1, 2005	Omni Resources Inc.	100
POP 104	YA86227	December 1, 2005	Omni Resources Inc.	100
TECH 22	YA92145	December 1, 2003	Omni Resources Inc.	100
TECH 23	YA92146	December 1, 2003	Omni Resources Inc.	100
TECH 24	YA92147	December 1, 2003	Omni Resources Inc.	100
TECH 25	YA92148	December 1, 2003	Omni Resources Inc.	100
TECH 26	YA92149	December 1, 2003	Omni Resources Inc.	100
TECH 27	YA92150	December 1, 2003	Omni Resources Inc.	100
TECH 28	YA92151	December 1, 2003	Omni Resources Inc.	100
TECH 29	YA92152	December 1, 2003	Omni Resources Inc.	100
TECH 30	YA92153	December 1, 2003	Omni Resources Inc.	100

Claim Status: Skukum Property

Claim Name	Grant Number	Expiry Date	Owner	%Owned
TECH 31	YA92154	December 1, 2003	Omni Resources Inc.	100
TECH 32	YA92155	December 1, 2003	Omni Resources Inc.	100
TECH 33	YA92156	December 1, 2003	Omni Resources Inc.	100
TECH 34	YA92157	December 1, 2003	Omni Resources Inc.	100
TECH 35	YA92158	December 1, 2003	Omni Resources Inc.	100
TECH 36	YA92159	December 1, 2003	Omni Resources Inc.	100
TECH 37	YA92160	December 1, 2003	Omni Resources Inc.	100
TECH 38	YA92161	December 1, 2003	Omni Resources Inc.	100
TECH 39	YA92162	December 1, 2003	Omni Resources Inc.	100
TECH 40	YA92163	December 1, 2003	Omni Resources Inc.	100
TEX 1	YA92833	September 22, 2003	Omni Resources Inc.	100
TEX 2	YA92834	September 22, 2003	Omni Resources Inc.	100
TEX 3	YA92835	September 22, 2002	Omni Resources Inc.	100
TEX 4	YA92836	September 22, 2003	Omni Resources Inc.	100
TEX 5	YA92837	September 22, 2002	Omni Resources Inc.	100
TEX 6	YA92838	September 22, 2005	Omni Resources Inc.	100
TEX 7	YA92839	September 22, 2004	Omni Resources Inc.	100
TEX 8	YA92840	September 22, 2005	Omni Resources Inc.	100
TEX 9	YA92841	September 22, 2003	Omni Resources Inc.	100
TEX 10	YA92842	September 22, 2005	Omni Resources Inc.	100
TEX 11	YA92843	September 22, 2005	Omni Resources Inc.	100
TEX 12	YA92844	September 22, 2003	Omni Resources Inc.	100
TEX 13	YA92845	September 22, 2003	Omni Resources Inc.	100
TEX 14	YA92846	September 22, 2003	Omni Resources Inc.	100
TEX 15	YA92847	September 22, 2005	Omni Resources Inc.	100
TEX 16	YA92848	September 22, 2005	Omni Resources Inc.	100
TEX 17	YA92849	September 22, 2003	Omni Resources Inc.	100
TEX 18	YA92850	September 22, 2003	Omni Resources Inc.	100
TEX 19	YA92851	September 22, 2003	Omni Resources Inc.	100
TEX 20	YA92852	September 22, 2005	Omni Resources Inc.	100
TEX 21	YA92853	September 22, 2003	Omni Resources Inc.	100
TEX 22	YA92854	September 22, 2002	Omni Resources Inc.	100
STEN 1	YA92922	December 1, 2003	Omni Resources Inc.	100
STEN 2	YA92923	December 1, 2003	Omni Resources Inc.	100
STEN 3	YA92924	December 1, 2003	Omni Resources Inc.	100
STEN 4	YA92925	December 1, 2003	Omni Resources Inc.	100
STEN 5	YA92926	December 1, 2003	Omni Resources Inc.	100
STEN 6	YA92927	December 1, 2003	Omni Resources Inc.	100
STEN 7	YA92928	December 1, 2003	Omni Resources Inc.	100
STEN 8	YA92929	December 1, 2003	Omni Resources Inc.	100
STEN 9	YA92930	December 1, 2003	Omni Resources Inc.	100
STEN 10	YA92931	December 1, 2003	Omni Resources Inc.	100
STEN 11	YA92932	December 1, 2003	Omni Resources Inc.	100
STEN 12	YA92933	December 1, 2003	Omni Resources Inc.	100
STEN 13	YA92934	December 1, 2003	Omni Resources Inc.	100
STEN 14	YA92935	December 1, 2003	Omni Resources Inc.	100
STEN 15	YA92936	December 1, 2003	Omni Resources Inc.	100
STEN 16	YA92937	December 1, 2003	Omni Resources Inc.	100
STEN 17	YA92938	December 1, 2003	Omni Resources Inc.	100
STEN 19	YA92940	December 1, 2005	Omni Resources Inc.	100
STEN 20	YA92941	December 1, 2003	Omni Resources Inc.	100
STEN 21	YA92942	December 1, 2003	Omni Resources Inc.	100
STEN 22	YA92943	December 1, 2003	Omni Resources Inc.	100
STEN 23	YA92944	December 1, 2004	Omni Resources Inc.	100
STEN 24	YA92945	December 1, 2003	Omni Resources Inc.	100
STEN 25	YA92946	December 1, 2003	Omni Resources Inc.	100
STEN 26	YA92947	December 1, 2003	Omni Resources Inc.	100
STEN 27	YA92948	December 1, 2003	Omni Resources Inc.	100
STEN 28	YA92949	December 1, 2003	Omni Resources Inc.	100
STEN 29	YA92950	December 1, 2003	Omni Resources Inc.	100
STEN 30	YA92951	December 1, 2003	Omni Resources Inc.	100
STEN 31	YA92952	December 1, 2003	Omni Resources Inc.	100

Claim Status: Skukum Property

Claim Name	Grant Number	Expiry Date	Owner	%Owned
STEN 32	YA92953	December 1, 2003	Omni Resources Inc.	100
STEN 33	YA92954	December 1, 2003	Omni Resources Inc.	100
STEN 34	YA92955	December 1, 2003	Omni Resources Inc.	100
STEN 35	YA92956	December 1, 2003	Omni Resources Inc.	100
STEN 36	YA92957	December 1, 2003	Omni Resources Inc.	100
STEN 37	YA92958	December 1, 2003	Omni Resources Inc.	100
STEN 38	YA92959	December 1, 2003	Omni Resources Inc.	100
STEN 39	YA92960	December 1, 2003	Omni Resources Inc.	100
STEN 40	YA92961	December 1, 2003	Omni Resources Inc.	100
STEN 41	YA92962	December 1, 2003	Omni Resources Inc.	100
STEN 42	YA92963	December 1, 2003	Omni Resources Inc.	100
STEN 43	YA92964	December 1, 2003	Omni Resources Inc.	100
STEN 44	YA92965	December 1, 2003	Omni Resources Inc.	100
STEN 45	YA92966	December 1, 2003	Omni Resources Inc.	100
KIR 1	YA92967	September 22, 2002	Omni Resources Inc.	100
KIR 2	YA92968	September 22, 2003	Omni Resources Inc.	100
KIR 3	YA92969	September 22, 2003	Omni Resources Inc.	100
KIR 4	YA92970	September 22, 2003	Omni Resources Inc.	100
KIR 5	YA92971	September 22, 2003	Omni Resources Inc.	100
KIR 6	YA92972	September 22, 2003	Omni Resources Inc.	100
KIR 7	YA92973	September 22, 2003	Omni Resources Inc.	100
KIR 8	YA92974	September 22, 2003	Omni Resources Inc.	100
KIR 9	YA92975	September 22, 2003	Omni Resources Inc.	100
KIR 10	YA92976	September 22, 2003	Omni Resources Inc.	100
KIR 11	YA92977	September 22, 2003	Omni Resources Inc.	100
KIR 12	YA92978	September 22, 2003	Omni Resources Inc.	100
KIR 13	YA92979	September 22, 2003	Omni Resources Inc.	100
KIR 14	YA92980	September 22, 2003	Omni Resources Inc.	100
KIR 15	YA92981	September 22, 2003	Omni Resources Inc.	100
KIR 16	YA92982	September 22, 2003	Omni Resources Inc.	100
KIR 17	YA92983	September 22, 2003	Omni Resources Inc.	100
KIR 18	YA92984	September 22, 2003	Omni Resources Inc.	100
KIR 19	YA92985	September 22, 2003	Omni Resources Inc.	100
KIR 20	YA92986	September 22, 2003	Omni Resources Inc.	100
KIR 21	YA92987	September 22, 2003	Omni Resources Inc.	100
KIR 22	YA92988	September 22, 2003	Omni Resources Inc.	100
KIR 23	YA92989	September 22, 2003	Omni Resources Inc.	100
KIR 24	YA92990	September 22, 2003	Omni Resources Inc.	100
KIR 25	YA92991	September 22, 2003	Omni Resources Inc.	100
KIR 26	YA92992	September 22, 2003	Omni Resources Inc.	100
KIR 27	YA92993	September 22, 2002	Omni Resources Inc.	100
KIR 28	YA92994	September 22, 2003	Omni Resources Inc.	100
KIR 29	YA92995	September 22, 2003	Omni Resources Inc.	100
KIR 30	YA92996	September 22, 2003	Omni Resources Inc.	100
KIR 31	YA92997	September 22, 2003	Omni Resources Inc.	100
KIR 32	YA92998	September 22, 2003	Omni Resources Inc.	100
KIR 33	YA92999	September 22, 2003	Omni Resources Inc.	100
KID 163	YA93318	September 22, 2002	Omni Resources Inc.	100
POP_101	YA93378	December 1, 2005	Omni Resources Inc.	100
POP_102	YA93379	December 1, 2005	Omni Resources Inc.	100
POP_103	YA93382	December 1, 2003	Omni Resources Inc.	100
POP_104	YA93383	December 1, 2003	Omni Resources Inc.	100
POP 105	YA93384	December 1, 2005	Omni Resources Inc.	100
POP 106	YA93385	December 1, 2005	Omni Resources Inc.	100
POP 107	YA93386	December 1, 2005	Omni Resources Inc.	100
POP 108	YA93387	December 1, 2005	Omni Resources Inc.	100
POP 109	YA93388	December 1, 2005	Omni Resources Inc.	100
POP 110	YA93389	December 1, 2005	Omni Resources Inc.	100
POP 111	YA93390	December 1, 2005	Omni Resources Inc.	100
POP 112	YA93391	December 1, 2005	Omni Resources Inc.	100
POP 113	YA93392	December 1, 2005	Omni Resources Inc.	100
POP 114	YA93393	December 1, 2005	Omni Resources Inc.	100

Claim Status: Skukum Property

Claim Name	Grant Number	Expiry Date	Owner	%Owned
POP 115	YA93394	December 1, 2005	Omni Resources Inc.	100
POP 116	YA93395	December 1, 2005	Omni Resources Inc.	100
OMNI 1	YA93743	September 22, 2004	Omni Resources Inc.	100
OMNI 2	YA93744	September 22, 2007	Omni Resources Inc.	100
OMNI 3	YA93745	September 22, 2004	Omni Resources Inc.	100
OMNI 4	YA93746	September 22, 2004	Omni Resources Inc.	100
OMNI 5	YA93747	September 22, 2004	Omni Resources Inc.	100
OMNI 6	YA93748	September 22, 2004	Omni Resources Inc.	100
OMNI 7	YA93749	September 22, 2004	Omni Resources Inc.	100
OMNI 8	YA93750	September 22, 2004	Omni Resources Inc.	100
OMNI 9	YA93751	September 22, 2004	Omni Resources Inc.	100
OMNI 10	YA93752	September 22, 2004	Omni Resources Inc.	100
OMNI 11	YA93753	September 22, 2004	Omni Resources Inc.	100
OMNI 12	YA93754	September 22, 2004	Omni Resources Inc.	100
GLEE 1	YA93875	January 1, 2004	Omni Resources Inc.	100
GLEE 2	YA93876	January 1, 2004	Omni Resources Inc.	100
GLEE 3	YA93877	January 1, 2004	Omni Resources Inc.	100
GLEE 4	YA93878	January 1, 2004	Omni Resources Inc.	100
GLEE 5	YA93879	January 1, 2003	Omni Resources Inc.	100
GLEE 6	YA93880	January 1, 2004	Omni Resources Inc.	100
GLEE 7	YA93881	January 1, 2004	Omni Resources Inc.	100
GLEE 8	YA93882	January 1, 2004	Omni Resources Inc.	100
GLEE 9	YA93883	January 1, 2004	Omni Resources Inc.	100
GLEE 10	YA93884	January 1, 2004	Omni Resources Inc.	100
GLEE 11	YA93885	January 1, 2003	Omni Resources Inc.	100
GLEE 12	YA93886	January 1, 2003	Omni Resources Inc.	100
GLEE 16	YA93890	January 1, 2003	Omni Resources Inc.	100
GLEE 17	YA93891	January 1, 2004	Omni Resources Inc.	100
GLEE 18	YA93892	January 1, 2004	Omni Resources Inc.	100
GLEE 19	YA93893	January 1, 2004	Omni Resources Inc.	100
GLEE 20	YA93894	January 1, 2004	Omni Resources Inc.	100
GLEE 22	YA93896	January 1, 2004	Omni Resources Inc.	100
GLEE 37	YA93911	January 1, 2004	Omni Resources Inc.	100
GLEE 38	YA93912	January 1, 2004	Omni Resources Inc.	100
GLEE 39	YA93913	January 1, 2004	Omni Resources Inc.	100
GLEE 40	YA93914	January 1, 2004	Omni Resources Inc.	100
GLEE 41	YA93915	January 1, 2004	Omni Resources Inc.	100
GLEE 42	YA93916	January 1, 2004	Omni Resources Inc.	100
GLEE 43	YA93917	January 1, 2004	Omni Resources Inc.	100
GLEE 44	YA93918	January 1, 2004	Omni Resources Inc.	100
GLEE 45	YA93919	January 1, 2004	Omni Resources Inc.	100
GLEE 46	YA93920	January 1, 2004	Omni Resources Inc.	100
GLEE 59	YA93993	January 1, 2004	Omni Resources Inc.	100
GLEE 60	YA93994	January 1, 2004	Omni Resources Inc.	100
GLEE 61	YA93995	January 1, 2004	Omni Resources Inc.	100
GLEE 62	YA93996	January 1, 2004	Omni Resources Inc.	100
GLEE 63	YA93997	January 1, 2004	Omni Resources Inc.	100
GLEE 64	YA93998	January 1, 2004	Omni Resources Inc.	100
GLEE 65	YA93999	January 1, 2004	Omni Resources Inc.	100
GLEE 66	YA94000	January 1, 2004	Omni Resources Inc.	100
GLEE 67	YA94001	January 1, 2003	Omni Resources Inc.	100
GLEE 68	YA94002	January 1, 2003	Omni Resources Inc.	100
GLEE 69	YA94003	January 1, 2004	Omni Resources Inc.	100
GLEE 70	YA94004	January 1, 2004	Omni Resources Inc.	100
GLEE 71	YA94005	January 1, 2004	Omni Resources Inc.	100
GLEE 72	YA94006	January 1, 2004	Omni Resources Inc.	100
GLEE 73	YA94007	January 1, 2004	Omni Resources Inc.	100
GLEE 74	YA94008	January 1, 2004	Omni Resources Inc.	100
GLEE 75	YA94009	January 1, 2004	Omni Resources Inc.	100
GLEE 76	YA94010	January 1, 2004	Omni Resources Inc.	100
GLEE 77	YA94011	January 1, 2004	Omni Resources Inc.	100
GLEE 78	YA94012	January 1, 2004	Omni Resources Inc.	100

Claim Status: Skukum Property

Claim Name	Grant Number	Expiry Date	Owner	%Owned
GLEE 79	YA94013	January 1, 2003	Omni Resources Inc.	100
GLEE 80	YA94014	January 1, 2003	Omni Resources Inc.	100
MB 1	YA94610	December 1, 2005	Omni Resources Inc.	100
MB 2	YA94611	December 1, 2005	Omni Resources Inc.	100
MB 3	YA94612	December 1, 2005	Omni Resources Inc.	100
POP 117	YA94672	December 1, 2003	Omni Resources Inc.	100
POP 118	YA94673	December 1, 2003	Omni Resources Inc.	100
POP 119	YA94674	December 1, 2003	Omni Resources Inc.	100
POP 120	YA94675	December 1, 2003	Omni Resources Inc.	100
POP 121	YA94676	December 1, 2003	Omni Resources Inc.	100
POP 122	YA94677	December 1, 2002	Omni Resources Inc.	100
BERG 1	YB07446	December 1, 2003	Omni Resources Inc.	100
BERG 2	YB07447	December 1, 2003	Omni Resources Inc.	100
BERG 3	YB07448	December 1, 2003	Omni Resources Inc.	100
BERG 4	YB07449	December 1, 2003	Omni Resources Inc.	100
BERG 5	YB07450	December 1, 2003	Omni Resources Inc.	100
BERG 6	YB07451	December 1, 2003	Omni Resources Inc.	100
BERG 7	YB07452	December 1, 2003	Omni Resources Inc.	100
BERG 8	YB07453	December 1, 2003	Omni Resources Inc.	100
BERG 9	YB07454	December 1, 2003	Omni Resources Inc.	100
BERG 10	YB07455	December 1, 2003	Omni Resources Inc.	100
BERG 11	YB07456	December 1, 2003	Omni Resources Inc.	100
BERG 12	YB07457	December 1, 2003	Omni Resources Inc.	100
BERG 15	YB07460	December 1, 2003	Omni Resources Inc.	100
BERG 16	YB07461	December 1, 2003	Omni Resources Inc.	100
BERG 21	YB07466	December 1, 2003	Omni Resources Inc.	100
BERG 22	YB07467	December 1, 2003	Omni Resources Inc.	100
BERG 29	YB07474	December 1, 2003	Omni Resources Inc.	100
BERG 30	YB07475	December 1, 2003	Omni Resources Inc.	100
BERG 31	YB07476	December 1, 2003	Omni Resources Inc.	100
BERG 32	YB07477	December 1, 2003	Omni Resources Inc.	100
BERG 33	YB07478	December 1, 2003	Omni Resources Inc.	100
BERG 34	YB07479	December 1, 2003	Omni Resources Inc.	100
BERG 35	YB07480	December 1, 2003	Omni Resources Inc.	100
BERG 36	YB07481	December 1, 2003	Omni Resources Inc.	100
BERG 37	YB07482	December 1, 2003	Omni Resources Inc.	100
BERG 38	YB07483	December 1, 2003	Omni Resources Inc.	100
BERG 39	YB07484	December 1, 2003	Omni Resources Inc.	100
BERG 40	YB07485	December 1, 2003	Omni Resources Inc.	100
BERG 41	YB07486	December 1, 2003	Omni Resources Inc.	100
BERG 42	YB07487	December 1, 2003	Omni Resources Inc.	100
BERG 43	YB07488	December 1, 2003	Omni Resources Inc.	100
BERG 44	YB07489	December 1, 2003	Omni Resources Inc.	100
BERG 45	YB07490	December 1, 2003	Omni Resources Inc.	100
BERG 54	YB07499	December 1, 2003	Omni Resources Inc.	100
BERG 56	YB07501	December 1, 2003	Omni Resources Inc.	100
BERG 58	YB07503	December 1, 2003	Omni Resources Inc.	100
BERG 60	YB07505	December 1, 2003	Omni Resources Inc.	100
BERG 62	YB07507	December 1, 2003	Omni Resources Inc.	100
BERG 64	YB07509	December 1, 2003	Omni Resources Inc.	100
BERG 66	YB07511	December 1, 2003	Omni Resources Inc.	100
BERG 68	YB07513	December 1, 2003	Omni Resources Inc.	100
BERG 70	YB07515	December 1, 2003	Omni Resources Inc.	100
BERG 72	YB07517	December 1, 2003	Omni Resources Inc.	100
BERG 74	YB07519	December 1, 2003	Omni Resources Inc.	100
BERG 76	YB07521	December 1, 2003	Omni Resources Inc.	100
BERG 78	YB07523	December 1, 2003	Omni Resources Inc.	100
BERG 80	YB07525	December 1, 2003	Omni Resources Inc.	100
BERG 82	YB07527	December 1, 2003	Omni Resources Inc.	100
BERG 84	YB07529	December 1, 2003	Omni Resources Inc.	100
BERG 86	YB07531	December 1, 2003	Omni Resources Inc.	100
BERG 88	YB07533	December 1, 2003	Omni Resources Inc.	100

Claim Status: Skukum Property

Claim Name	Grant Number	Expiry Date	Owner	%Owned
BERG 90	YB07535	December 1, 2003	Omni Resources Inc.	100
BERG 92	YB07537	December 1, 2003	Omni Resources Inc.	100
BERG 94	YB07539	December 1, 2003	Omni Resources Inc.	100
BERG 95	YB07540	December 1, 2002	Omni Resources Inc.	100
BERG 152	YB07597	December 1, 2003	Omni Resources Inc.	100
BERG 153	YB07598	December 1, 2003	Omni Resources Inc.	100
BERG 154	YB07599	December 1, 2003	Omni Resources Inc.	100
BERG 156	YB07601	December 1, 2003	Omni Resources Inc.	100
BERG 157	YB07602	December 1, 2003	Omni Resources Inc.	100
BERG 158	YB07603	December 1, 2003	Omni Resources Inc.	100
BERG 159	YB07604	December 1, 2003	Omni Resources Inc.	100
BERG 160	YB07605	December 1, 2003	Omni Resources Inc.	100
TECH 6	YB26465	December 1, 2003	Omni Resources Inc.	100
TM 1	YB66866	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 2	YB66867	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 3	YB66868	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 4	YB66869	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 5	YB66870	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 6	YB66871	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 7	YB66872	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 8	YB66873	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 9	YB66874	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 10	YB66875	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 11	YB66876	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 12	YB66877	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 13	YB66878	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 14	YB66879	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 16	YB66881	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 17	YB66882	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 18	YB66883	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 19	YB66884	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 20	YB66885	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 22	YB66886	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 23	YB66887	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 24	YB66888	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 25	YB66889	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 26	YB66890	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 27	YB66891	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 28	YB66892	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 29	YB66893	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 30	YB66894	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 31	YB66895	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 32	YB66896	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 35	YB66899	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 36	YB66900	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 37	YB66901	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 38	YB66902	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 39	YB66903	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 40	YB66904	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 41	YB66905	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 42	YB66906	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 43	YB66907	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 44	YB66908	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 45	YB66909	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 46	YB66910	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 47	YB66911	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 48	YB66912	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 49	YB66913	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 50	YB66914	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 51	YB66915	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 52	YB66916	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 53	YB66917	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50

Claim Status: Skukum Property

Claim Name	Grant Number	Expiry Date	Owner	%Owned
TM 54	YB66918	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 55	YB66919	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 56	YB66920	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 57	YB66921	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 58	YB66922	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 59	YB66923	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 60	YB66924	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 61	YB66925	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 62	YB66926	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 63	YB66927	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 64	YB66928	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 65	YB66929	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 66	YB66930	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 67	YB66931	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 68	YB66932	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 69	YB66933	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 70	YB66934	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 71	YB66935	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 72	YB66936	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 73	YB66937	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 74	YB66938	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 75	YB66939	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 76	YB66940	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 77	YB66941	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 78	YB66942	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 79	YB66943	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 80	YB66944	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 81	YB66945	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 82	YB66946	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 83	YB66947	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 84	YB66948	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 85	YB66949	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 86	YB66950	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 87	YB66951	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 88	YB66952	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 89	YB66953	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 90	YB66954	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 91	YB66955	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 92	YB66956	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 93	YB66957	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 94	YB66958	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 95	YB66959	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 96	YB66960	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 97	YB66961	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 98	YB66962	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 99	YB66963	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 100	YB66964	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 101	YB66965	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 102	YB66966	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 103	YB66967	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 104	YB66968	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 105	YB66969	May 27, 2002	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 106	YB66970	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 107	YB66971	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 108	YB66972	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 109	YB66973	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 110	YB66974	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 111	YB66975	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 112	YB66976	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 113	YB66977	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 114	YB66978	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 115	YB66979	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50

Claim Status: Skukum Property

Claim Name	Grant Number	Expiry Date	Owner	%Owned
TM 116	YB66980	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 117	YB66981	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
DG 1	YB66982	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
DG 2	YB66983	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
DG 3	YB66984	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
DG 4	YB66985	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
DG 5	YB66986	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
DG 6	YB66987	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
DG 7	YB66988	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
DG 8	YB66989	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
DG 9	YB66990	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
DG 10	YB66991	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
DG 11	YB66992	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
DG 12	YB66993	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
DG 13	YB66994	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
DG 14	YB66995	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
DG 15	YB66996	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
DG 16	YB66997	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
DG 17	YB66998	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
DG 18	YB66999	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
DG 19	YB67000	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
DG 20	YB67001	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
DG 21	YB67002	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
DG 22	YB67003	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
LB 1	YB67028	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
LB 2	YB67029	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
LB 3	YB67030	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
LB 4	YB67031	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
LB 5	YB67032	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
LB 6	YB67033	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
LB 7	YB67034	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
LB 8	YB67035	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
LB 9	YB67036	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
LB 10	YB67037	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
LB 11	YB67038	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
LB 12	YB67039	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
LB 13	YB67040	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
LB 14	YB67041	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
LB 15	YB67042	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
LB 16	YB67043	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
LB 17	YB67044	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
LB 18	YB67045	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
LB 19	YB67046	May 27, 2002	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
LB 20	YB67047	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
LB 21	YB67048	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
LB 22	YB67049	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
LB 23	YB67050	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
LB 24	YB67051	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
LB 25	YB67052	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
LB 26	YB67053	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
LB 27	YB67054	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 1	YB67166	December 1, 2002	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 2	YB67167	December 1, 2002	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 3	YB67168	December 1, 2002	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 4	YB67169	December 1, 2002	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 5	YB67170	December 1, 2002	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 6	YB67171	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 7	YB67172	December 1, 2004	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 8	YB67173	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 9	YB67174	December 1, 2004	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 10	YB67175	December 1, 2004	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 11	YB67176	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50

Claim Status: Skukum Property

Claim Name	Grant Number	Expiry Date	Owner	%Owned
MIL 12	YB67177	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 13	YB67178	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 14	YB67179	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 15	YB67180	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 16	YB67181	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 17	YB67182	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 18	YB67183	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 19	YB67184	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 20	YB67185	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 21	YB67186	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 22	YB67187	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 23	YB67188	December 1, 2004	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 24	YB67189	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 25	YB67190	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 26	YB67191	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 27	YB67192	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 28	YB67193	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 29	YB67194	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 30	YB67195	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 31	YB67196	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 32	YB67197	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 33	YB67198	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 34	YB67199	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 35	YB67200	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 36	YB67201	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 37	YB67202	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 38	YB67203	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 39	YB67204	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 40	YB67205	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 41	YB67206	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 42	YB67207	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 43	YB67208	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 44	YB67209	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 45	YB67210	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 46	YB67211	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 47	YB67212	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 48	YB67213	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 49	YB67214	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 50	YB67215	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 51	YB67216	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 52	YB67217	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 53	YB67218	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 54	YB67219	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 55	YB67220	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 56	YB67221	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 57	YB67222	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 58	YB67223	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 59	YB67224	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 60	YB67225	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 61	YB67226	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 62	YB67227	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 63	YB67228	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 64	YB67229	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 65	YB67230	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 66	YB67231	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 67	YB67232	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 68	YB67233	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 69	YB67234	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TECH 14	YB97763	December 1, 2003	Omni Resources Inc.	100
TECH 5	YB97764	December 1, 2003	Omni Resources Inc.	100
KUKU 22	YB97767	June 18, 2003	Omni Resources Inc.	100
PUP 29	YB97801	June 26, 2004	Omni Resources Inc.	100

Claim Status: Skukum Property

Claim Name	Grant Number	Expiry Date	Owner	%Owned
PUP 30	YB97802	June 26, 2003	Omni Resources Inc.	100
TM 118	YC07981	July 28, 2003	Omni Resources Inc.	100
TM 119	YC07982	July 28, 2003	Omni Resources Inc.	100
TM 120	YC07983	July 28, 2003	Omni Resources Inc.	100
TM 121	YC07984	July 28, 2003	Omni Resources Inc.	100
TM 122	YC07985	July 28, 2003	Omni Resources Inc.	100
TM 123	YC07986	July 28, 2003	Omni Resources Inc.	100
TM 124	YC07987	July 28, 2003	Omni Resources Inc.	100
TM 125	YC07988	July 28, 2003	Omni Resources Inc.	100
TM 126	YC07989	July 28, 2003	Omni Resources Inc.	100
TM 127	YC07990	July 28, 2003	Omni Resources Inc.	100
TM 128	YC07991	July 28, 2003	Omni Resources Inc.	100
TM 129	YC07992	July 28, 2003	Omni Resources Inc.	100
TM 130	YC07993	July 28, 2003	Omni Resources Inc.	100
TM 131	YC07994	July 28, 2003	Omni Resources Inc.	100
TM 132	YC07995	July 28, 2003	Omni Resources Inc.	100
TM 133	YC07996	July 28, 2003	Omni Resources Inc.	100
MEK 1	YC09082	September 8, 2002	Omni Resources Inc.	100
MEK 2	YC09083	September 8, 2002	Omni Resources Inc.	100
MEK 3	YC09084	September 8, 2002	Omni Resources Inc.	100
CL 6	YC14135	April 6, 2003	L. Crittenden	100
CL 7	YC14136	April 6, 2003	L. Crittenden	100
CL 8	YC14137	April 6, 2003	L. Crittenden	100
CL 9	YC14138	April 6, 2003	L. Crittenden	100
CL 10	YC14139	April 6, 2003	L. Crittenden	100
CL 13	YC14140	April 6, 2003	L. Crittenden	100
CL 14	YC14141	April 6, 2003	L. Crittenden	100
CL 15	YC14142	April 6, 2003	L. Crittenden	100
CL 16	YC14143	April 6, 2003	L. Crittenden	100
CL 17	YC14144	April 6, 2003	L. Crittenden	100
CL 18	YC14145	April 6, 2003	L. Crittenden	100
CL 21	YC14148	April 6, 2003	L. Crittenden	100
CL 22	YC14149	April 6, 2003	L. Crittenden	100
CL 23	YC14150	April 6, 2003	L. Crittenden	100
CL 24	YC14151	April 6, 2003	L. Crittenden	100
CL 25	YC14152	April 6, 2003	L. Crittenden	100
CL 26	YC14153	April 6, 2003	L. Crittenden	100
CL 27	YC14154	April 6, 2003	L. Crittenden	100
CL 29	YC14156	April 6, 2003	L. Crittenden	100
CL 30	YC14157	April 6, 2003	L. Crittenden	100
CHAR 1	YC18781	August 8, 2003	C. Naas	100
CHAR 2	YC18782	August 8, 2003	C. Naas	100
CHAR 3	YC18783	August 8, 2003	C. Naas	100
CHAR 4	YC18784	August 8, 2003	C. Naas	100
CHAR 5	YC18785	August 8, 2003	C. Naas	100
CHAR 6	YC18786	August 8, 2003	C. Naas	100
CHAR 7	YC18787	August 8, 2003	C. Naas	100
CHAR 8	YC18788	August 8, 2003	C. Naas	100
CHAR 9	YC18789	August 8, 2003	C. Naas	100
CHAR 10	YC18790	August 8, 2003	C. Naas	100
CHAR 11	YC18791	August 8, 2003	C. Naas	100
CHAR 12	YC18792	August 8, 2003	C. Naas	100
CHAR 13	YC18793	August 8, 2003	C. Naas	100
CHAR 14	YC18794	August 8, 2003	C. Naas	100
CHAR 15	YC18795	August 8, 2003	C. Naas	100
CHAR 16	YC18796	August 8, 2003	C. Naas	100
CHAR 17	YC18797	August 8, 2003	C. Naas	100
CHAR 18	YC18798	August 8, 2003	C. Naas	100
CHAR 19	YC18799	August 8, 2003	C. Naas	100
CHAR 20	YC18800	August 8, 2003	C. Naas	100
CHAR 21	YC18801	August 8, 2003	C. Naas	100
CHAR 22	YC18802	August 8, 2003	C. Naas	100

Claim Status: Skukum Property

Claim Name	Grant Number	Expiry Date	Owner	%Owned
CHAR 23	YC18803	August 8, 2003	C. Naas	100
CHAR 24	YC18804	August 8, 2003	C. Naas	100
CHAR 25	YC18805	August 8, 2003	C. Naas	100
CHAR 26	YC18806	August 8, 2003	C. Naas	100
CHAR 27	YC18807	August 8, 2003	C. Naas	100
CHAR 28	YC18808	August 8, 2003	C. Naas	100
CHAR 29	YC18809	August 8, 2003	C. Naas	100
CHAR 30	YC18810	August 8, 2003	C. Naas	100
CHAR 31	YC18811	August 8, 2003	C. Naas	100
CHAR 32	YC18812	August 8, 2003	C. Naas	100
CHAR 33	YC18813	August 8, 2003	C. Naas	100
CHAR 34	YC18814	August 8, 2003	C. Naas	100
CHAR 35	YC18815	August 8, 2003	C. Naas	100
CHAR 36	YC18816	August 8, 2003	C. Naas	100
CHAR 37	YC18817	August 8, 2003	C. Naas	100
CHAR 38	YC18818	August 8, 2003	C. Naas	100
CHAR 39	YC18819	August 8, 2003	C. Naas	100
CHAR 40	YC18820	August 8, 2003	C. Naas	100
CHAR 41	YC18821	August 8, 2003	C. Naas	100
CHAR 42	YC18822	August 8, 2003	C. Naas	100
CHAR 43	YC18823	August 8, 2003	C. Naas	100
CHAR 44	YC19347	August 22, 2002	C. Naas	100
CHAR 45	YC19348	August 22, 2002	C. Naas	100
CHAR 46	YC19349	August 22, 2002	C. Naas	100
CHAR 47	YC19350	August 22, 2002	C. Naas	100
CHAR 48	YC19351	August 22, 2002	C. Naas	100
CHAR 49	YC19352	August 22, 2002	C. Naas	100
CHAR 50	YC19353	August 22, 2002	C. Naas	100
CHAR 51	YC19354	August 22, 2002	C. Naas	100
CHAR 52	YC19355	August 22, 2002	C. Naas	100

CROWN GRANTS

EXCELSOR	Y05-040301 06010	December 12, 9999	Omni Resources Inc.	100
BLACK ROCK	Y05-040301 22010	December 12, 9999	Omni Resources Inc.	100
SUBURBAN	Y05-040301 23000	December 12, 9999	Omni Resources Inc.	100

APPENDIX III

CERTIFICATES OF ANALYSIS

a. Surface Samples
b. Drill Core Samples
c. Analytical Check Samples

APPENDIX III

CERTIFICATES OF ANALYSIS

a. Surface Samples

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
00801	3	86	104	119	2.0	11	11	751	2.81	34	<8	<2	3	107	2.0	<3	<3	37	5.38	.054	13	8	.50	1070	<.01	<3	1.15	.03	.33	<2	5.2
00802	4	2	21	62	<.3	3	<1	635	1.54	6	<8	<2	4	23	.9	<3	<3	2	1.07	.006	34	24	.06	118	<.01	<3	.64	.06	.26	<2	5.9
00803	111	299	15194	3653	70.5	3	1	107	1.98	532	<8	12	<2	9	41.0	<3	<3	6	.04	.001	1	20	.06	337	<.01	<3	.27	.01	.06	3	10124.0
00804	8	200	2645	469	23.1	12	5	621	2.91	19592	<8	5	<2	35	7.0	6	8	7	1.17	.006	2	26	.21	133	<.01	<3	.39	.01	.07	4	5738.6
00805	17	296	3955	1615	332.1	4	1	617	3.26	1953	<8	<2	2	13	20.8	29	<3	8	.03	.016	4	17	.14	91	<.01	<3	.43	<.01	.11	<2	1839.4
00806	7	50	1040	2359	11.1	17	6	1082	3.68	2617	<8	<2	8	30	40.3	<3	11	59	.37	.085	14	35	1.16	70	.01	<3	1.89	.04	.19	3	229.8
00807	15	161	2876	2676	94.2	4	1	280	3.21	9560	<8	3	3	35	90.1	25	7	8	.06	.025	5	17	.12	21	<.01	<3	.48	.01	.16	3	2224.9
00808	12	361	17109	409	340.6	7	3	225	8.69	9575	<8	<2	6	20	6.7	194	18	24	.06	.045	8	22	.18	45	.01	<3	.67	.01	.26	2	1512.9
00809	3	336	5873	509	354.8	7	<1	347	6.32	14347	<8	6	6	16	10.4	54	31	23	.03	.050	7	93	.14	42	.03	<3	.77	.02	.33	<2	3798.3
00810	23	241	8192	9829	130.4	10	4	770	10.82	92396	<8	9	3	29	202.0	157	5	14	.23	.026	5	90	.26	23	.02	<3	.94	<.01	.19	6	7643.4
00811	29	1975	27736	16700	190.5	6	1	303	8.19	39689	<8	32	2	12	400.7	805	<3	8	.12	.014	4	92	.07	10	.02	<3	.43	<.01	.10	<2	26726.7
00812	32	670	13004	12446	197.1	4	18	193	16.52	67671	<8	8	2	15	217.9	59	77	4	.03	.005	1	16	.02	9	<.01	<3	.17	.01	.05	<2	6422.6
00813	794	294	7682	2776	100.7	3	<1	66	7.74	58343	<8	18	<2	30	50.1	124	10	4	.03	.006	2	17	.02	4	<.01	<3	.14	<.01	.03	21	15797.0
00814	6	772	14706	7629	220.6	9	54	277	12.84	99999	<8	14	<2	55	235.4	207	4	5	.14	.005	1	18	.03	3	<.01	<3	.23	<.01	.05	<2	12191.1
00815	20	158	554	2193	15.6	26	8	2519	6.80	462	<8	<2	9	23	19.7	6	12	57	.27	.079	14	43	1.45	52	.09	<3	3.16	<.01	.33	<2	77.9
STANDARD C3/DS3	27	65	38	164	6.0	39	12	837	3.24	53	22	3	21	28	22.9	19	26	83	.58	.094	19	173	.62	152	.09	18	1.90	.04	.17	15	23.0

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

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

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
00816	125	86	1342	1071	37.0	14	3	1819	4.35	736	<8	<2	4	10	10.9	3	6	38	.18	.045	8	102	.74	27	.04	<3	1.71	.01	.26	19	136.8
00817	4733	52	1027	537	15.0	15	<1	2360	5.43	1895	<8	<2	4	30	30.0	<3	6	65	.09	.028	12	76	1.26	13	.02	<3	2.16	.01	.08	<2	530.6
00818	35	131	1582	4307	119.6	10	12	632	9.51	31370	<8	8	2	13	91.8	73	<3	15	.06	.023	2	121	.18	17	.01	<3	.56	<.01	.14	2	5008.9
00819	31	139	913	4757	21.2	18	9	3324	7.12	2250	<8	<2	8	3	76.7	5	7	55	.20	.086	9	70	1.37	35	.01	<3	2.76	<.01	.31	<2	119.1
00820	12	161	501	2000	14.7	16	6	1776	6.46	236	<8	<2	8	8	18.3	3	10	61	.26	.090	8	89	1.17	47	.08	<3	2.29	.01	.28	<2	33.8
00821	16	243	2655	1616	90.9	13	1	1188	13.37	10327	<8	5	4	8	28.0	13	<3	26	.21	.044	4	61	.54	26	.04	<3	1.24	.01	.16	3	3635.7
00822	1	34	415	1053	11.3	21	12	2206	3.99	878	<8	<2	10	19	11.2	<3	<3	90	.85	.107	14	66	1.62	50	.09	<3	2.19	.04	.23	<2	32.9
00823	5	203	896	8549	47.9	12	13	2460	6.26	929	<8	4	7	4	130.2	4	30	54	.16	.072	8	83	.98	39	<.01	<3	2.14	.01	.28	<2	4440.6
00901	7	34	635	472	8.8	13	9	1067	3.17	877	<8	<2	7	48	17.0	12	<3	18	.24	.085	16	45	.23	384	.03	4	.83	.01	.47	<2	734.9
00902	123	1898	24	38	140.9	6	8	91	2.75	25	<8	<2	5	15	.5	<3	<3	13	.12	.005	4	93	.08	12	.02	<3	.22	.02	.02	45	10.9
00903	3	179	15	65	3.5	7	9	519	2.97	11	<8	<2	14	84	.4	<3	<3	84	1.24	.059	17	44	1.06	43	.17	<3	1.53	.06	.16	<2	4.5
00904	49	27	25	39	1.9	2	<1	104	2.16	38	<8	<2	5	5	<.2	<3	<3	1	.02	.009	29	37	.01	57	<.01	<3	.31	.08	.14	<2	2.7
00905	7	13	30	106	1.3	26	11	575	4.06	16	<8	<2	<2	39	.4	<3	<3	82	1.39	.084	5	107	1.43	46	.18	<3	1.89	.02	.38	29	17.4
00906	8	17	12	88	.6	14	7	806	2.55	13	<8	<2	9	27	.6	<3	<3	64	1.14	.071	13	78	1.03	50	.14	<3	1.35	.06	.11	2	12.6
00907	11	14	84	56	1.3	7	1	539	.35	23	<8	<2	10	23	1.1	3	3	1	.70	.006	12	15	.04	68	.01	<3	.36	.03	.29	3	31.9
00908	101	18	334	22	169.2	7	3	301	1.10	6	<8	<2	<2	25	.5	<3	998	23	.68	.017	3	26	.31	39	.03	<3	.51	.01	.03	2	400.8
00909	2	235	7	85	1.7	17	16	2109	4.02	23	<8	<2	9	61	.4	4	5	41	6.17	.079	21	43	.65	39	.14	6	1.83	.05	.27	6	4.8
00910	5	7	22	70	.3	2	<1	552	1.68	35	<8	<2	5	6	.4	<3	<3	3	.13	.009	29	7	.09	40	.05	<3	.56	.05	.16	<2	10.4
RE 00910	5	7	22	72	.4	1	<1	570	1.74	33	<8	<2	5	7	.4	<3	<3	1	.13	.009	30	7	.09	41	.04	<3	.57	.04	.16	<2	10.2
00911	32	72	54	35	1.1	5	1	94	1.52	20	<8	<2	7	5	<.2	<3	<3	5	.06	.009	30	7	.10	13	.02	<3	.40	.13	.07	2	9.9
00912	25	25	26	36	.7	1	<1	440	1.69	35	<8	<2	5	4	<.2	<3	<3	<1	.03	.005	33	8	.01	38	<.01	<3	.27	.10	.10	<2	8.5
00913	2	4	16	57	<.3	2	<1	469	1.67	10	<8	<2	5	9	.3	<3	<3	<1	.46	.006	37	6	.07	70	.01	<3	.71	.05	.26	<2	4.9
00914	2	12	7	106	<.3	24	12	964	3.84	11	<8	<2	8	36	.2	<3	<3	88	2.38	.093	13	55	1.57	46	.19	<3	2.02	.06	.13	4	5.4
00915	1046	156	1950	2183	24.9	21	9	2959	6.09	2960	<8	<2	7	17	28.0	<3	4	63	.68	.094	18	36	1.45	55	.04	<3	2.84	.01	.40	57	879.7
00916	49	2306	649	10103	16.4	15	91	1390	7.23	136	<8	<2	5	148	109.6	6	61	52	2.18	.064	5	15	.82	59	.07	<3	2.44	.13	.19	<2	22.8
00917	9	223	138	123	3.4	2	2	403	1.56	46	<8	<2	6	9	1.7	<3	4	7	.64	.017	35	7	.06	38	.01	<3	.30	.10	.06	<2	9.7
00918	28	531	797	14787	20.3	15	15	716	12.40	35	<8	<2	2	28	170.6	<3	31	62	.38	.010	3	21	.24	8	.03	<3	.67	.01	.05	22	141.8
00919	5	7	33	106	.7	1	<1	380	1.39	15	<8	<2	10	5	.8	<3	<3	<1	.11	.004	41	7	.01	28	.01	<3	.31	.06	.20	<2	10.6
00920	3	96	769	1479	67.2	10	14	1603	4.03	4152	11	<2	8	69	52.9	8	5	40	.21	.055	23	24	.71	264	.03	<3	1.63	.02	.29	<2	834.1
00921	2	19	69	156	.8	27	21	1132	4.99	37	<8	<2	2	324	1.1	6	<3	45	8.17	.139	15	36	1.60	246	<.01	<3	1.13	.02	.32	<2	3.4
00922	8	17	120	206	2.8	2	2	636	.63	304	<8	<2	10	6	3.4	3	<3	<1	.14	.008	24	9	.04	88	<.01	<3	.33	.01	.28	<2	33.4
00923	<1	26	50	469	.5	22	13	1323	3.84	13	<8	<2	9	103	3.2	<3	<3	77	3.24	.098	16	45	1.79	40	.11	<3	1.88	.05	.09	<2	7.1
00924	12	285	4047	1376	63.2	13	7	1562	10.28	12064	<8	2	3	58	23.7	13	24	15	4.71	.023	4	23	.21	26	<.01	<3	.69	.01	.15	4	1730.8
00925	12	934	18106	6021	230.4	5	5	125	14.04	99999	<8	71	<2	49	142.8	217	12	2	.06	.006	2	15	.05	16	.01	<3	.17	.01	.04	51	70500.0
STANDARD C3/DS3	25	64	34	157	6.2	37	12	794	3.29	54	22	3	20	27	21.9	15	24	80	.58	.094	17	176	.60	149	.09	17	1.82	.04	.18	15	22.0

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

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Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
00926	3	265	837	1866	12.5	17	10	4242	8.82	3606	<8	<2	13	9	33.1	8	5	60	.19	.097	16	31	1.42	32	.02	<3	3.35	.01	.30	<2	257.0
00927	13	333	9299	4407	144.2	12	2	110	4.26	20967	<8	9	<2	39	92.4	55	10	3	.03	.007	2	28	.02	6	.01	<3	.15	.01	.04	7	17317.7
00928	1	36	305	860	7.9	22	14	1447	3.68	644	<8	<2	10	39	13.3	6	4	83	1.29	.096	13	39	1.47	38	.13	<3	2.07	.05	.15	5	144.9
00929	5	3970	24558	1878	207.8	5	34	86	18.63	71473	<8	30	2	58	52.2	119	23	6	.05	.006	2	14	.03	24	.01	<3	.19	.01	.05	8	21124.8
00930	11	106	1568	199	19.1	7	8	85	6.09	55515	<8	9	2	36	9.6	83	<3	5	.05	.020	4	17	.03	52	<.01	<3	.31	.01	.12	2	6602.1
00931	19	1847	23876	3509	383.6	27	14	4514	11.55	687	<8	<2	7	13	8.8	<3	478	125	.14	.057	8	36	2.80	21	.02	<3	4.58	.01	.12	<2	1005.2
00932	15	83	550	1297	10.5	20	4	1085	4.19	10636	<8	<2	3	23	50.2	7	6	45	.20	.091	7	48	.47	20	.01	<3	.99	<.01	.14	<2	1028.7
RE 00932	15	81	549	1288	10.6	19	3	1081	4.17	10614	<8	<2	2	23	49.9	4	3	45	.20	.091	7	49	.47	22	.01	<3	.98	<.01	.14	<2	1037.5
00933	7	118	2731	1565	177.5	15	10	482	6.01	17071	<8	6	3	84	34.1	13	62	22	.10	.024	6	32	.24	18	.02	<3	.69	.01	.17	9	6039.8
00934	3	330	378	9598	30.2	14	9	2041	5.91	5050	<8	<2	9	14	216.2	8	7	35	.16	.070	13	26	.93	35	.02	<3	1.92	.01	.29	<2	501.8
00935	19	380	14504	1736	152.1	20	7	724	6.30	507	13	2	10	65	11.3	<3	5	44	.21	.092	21	29	.58	37	.06	<3	1.73	.03	.30	4	1836.5
00936	1	30	192	2090	2.5	28	24	3971	4.81	340	<8	<2	12	20	42.6	4	<3	64	.81	.097	23	33	1.42	41	.03	<3	2.64	.01	.31	<2	35.2
00937	274	304	8831	1721	202.8	9	7	1051	4.98	9311	34	20	9	134	130.1	38	<3	29	.18	.074	18	14	.20	52	.02	<3	.94	.01	.34	100	5507.9
00938	73	60	1603	335	16.8	14	2	94	2.56	18299	<8	<2	<2	28	12.2	28	4	3	.04	.007	3	34	.02	7	<.01	<3	.16	<.01	.06	218	1337.5
00939	42	58	802	2848	36.4	12	7	1050	1.95	173	<8	<2	<2	11	42.0	<3	67	16	1.08	.011	1	38	.36	11	.03	<3	.62	.01	.05	263	239.5
00940	6	32	973	1764	9.9	17	5	1498	4.10	9735	<8	<2	8	40	32.6	8	<3	32	.19	.039	8	29	.62	31	.02	<3	1.35	.02	.16	6	1237.3
00941	42	1617	8549	1014	335.4	3	<1	86	14.15	51482	23	15	4	584	435.5	151	147	20	.29	.044	5	27	.02	159	<.01	<3	.47	.12	.31	8	12506.2
STANDARD C3/DS3	25	64	34	165	6.1	39	13	839	3.27	53	24	3	21	28	22.4	17	27	83	.56	.093	19	179	.62	156	.09	18	1.83	.04	.17	15	22.0

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

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

Data 1 FA ___

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

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A102784R Page 1
2130 - 21331 Gordon Way, Richmond BC V6W 1J9 Submitted by: Chris Naes

SAMPLE#	Ag** gm/mt	Au** gm/mt
00803	66.2	9.37
00804	25.0	6.64
00805	514.3	1.89
00807	90.8	2.48
00808	432.8	1.84
00809	458.7	4.18
00810	123.7	8.74
00811	2997.7	28.74
00812	1027.5	7.85
00813	95.4	16.21
00814	638.2	13.13
STANDARD R-1/AU-1	102.0	3.33

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: ROCK PULP
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 30 2001 DATE REPORT MAILED: Sept 5/01 SIGNED BY ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data FA

SAMPLE#	Ag** gm/mt	Au** gm/mt
00818	113.6	4.31
00821	91.2	4.21
00823	45.1	5.49
00924	60.9	1.93
00925	638.8	56.27
00927	143.2	14.39
00929	721.4	17.84
00930	19.6	7.04
00931	391.2	1.16
00932	9.6	1.15
00933	165.9	5.86
RE 00933	166.5	5.98
00935	147.9	2.09
00937	196.9	5.73
00938	16.1	1.54
00940	10.4	1.45
00941	328.9	13.61
STANDARD R-1/AU-1	101.3	3.41

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

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Data L FA ___

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

GEOCHEMICAL ANALYSIS CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A102884 Page 1

2130 - 21331 Gordon Way, Richmond BC V6W 1J9 Submitted by: Chris Naas

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
00752	1	7	4	117	.3	13	7	626	1.57	9	<8	<2	7	177	.2	<3	3	26	2.03	.058	10	46	.67	1417	.07	3	1.19	.04	.14	2	4.1
00753	49	263	3956	7166	113.0	16	12	2610	4.68	234	<8	<2	7	61	111.0	<3	141	35	1.32	.069	8	46	.81	83	.02	<3	1.37	.02	.28	2	583.6
00754	31	173	4392	6699	121.7	23	7	1206	3.97	120	<8	2	3	126	154.3	11	4	15	1.61	.031	4	62	.56	36	<.01	<3	.55	<.01	.19	<2	1650.3
00755	45	16	918	424	99.0	19	10	3738	3.28	10	<8	<2	4	321	8.5	<3	168	42	8.36	.048	13	36	.96	88	<.01	<3	1.59	.01	.23	<2	46.5
00756	3	40	32	116	1.0	16	12	997	2.31	<2	<8	<2	<2	29	1.9	<3	<3	34	.21	.016	2	92	1.16	71	.03	<3	1.11	<.01	.02	5	6.7
00757	34	1255	11546	3574	252.3	4	17	130	14.33	83202	<8	21	<2	137	121.5	281	9	4	.06	.003	1	63	.05	20	<.01	<3	.23	<.01	.07	<2	20900.0
STANDARD C3/DS3	27	65	35	161	6.2	38	12	823	3.21	54	23	3	21	27	22.6	14	25	78	.54	.096	18	172	.62	147	.09	19	1.85	.03	.16	22	24.8
STANDARD G-2	1	4	4	43	<.3	8	4	584	1.99	<2	<8	<2	5	68	<.2	<3	<3	44	.64	.106	8	81	.63	230	.14	3	.97	.08	.52	3	-

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK R150 60C AU* BY ACID LEACHED, ANALYZE BY ICP-MS. (10 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 27 2001 DATE REPORT MAILED: Aug 31/01 SIGNED BY .... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data h FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
00942	<1	13	238	376	13.1	106	32	2067	9.37	32	<8	<2	4	28	4.2	<3	151	161	1.27	.104	13	272	3.18	80	.07	<3	4.85	.01	.41	<2	81.9
00943	235	222	19576	1456	305.3	9	<1	196	11.95	20357	30	5	<2	199	265.2	85	28	29	.26	.048	9	91	.05	17	.01	<3	.71	.02	.14	9	4625.7
00944	16	93	996	351	103.5	10	13	290	5.55	17738	<8	<2	<2	15	7.5	21	152	11	.02	.008	2	83	.11	26	.01	<3	.33	.01	.07	6	1051.2
RE 00944	17	95	1015	354	102.3	8	13	291	5.59	17930	<8	<2	<2	15	7.6	21	149	12	.03	.009	2	86	.12	26	.01	<3	.33	.01	.06	7	1066.2
00945	514	224	2492	556	385.8	7	1	238	8.27	134	<8	<2	2	38	7.7	<3	1345	70	.43	.023	3	70	.13	43	.06	<3	.87	.01	.15	2	238.3
00946	181	1428	7289	1986	257.7	3	2	138	9.88	1882	<8	<2	6	7	34.2	<3	89	89	.07	.052	7	67	.06	100	.02	<3	1.19	.01	.18	<2	242.3
00947	8	10	49	46	2.2	2	<1	98	1.16	16	<8	<2	15	2	.2	<3	5	4	.02	.010	14	37	.01	27	<.01	<3	.43	.06	.25	<2	15.6
00948	1	5	32	246	.5	140	30	3558	5.52	2	<8	<2	4	163	.9	<3	<3	95	4.72	.121	14	197	3.25	137	.08	<3	3.76	.03	.26	<2	1.8
00949	1	6	242	57	8.6	6	5	1144	2.11	4	<8	<2	11	89	1.1	<3	13	29	2.50	.040	14	37	.51	87	.01	<3	.69	.10	.06	<2	33.6
00950	9	270	39	79	.4	3	<1	254	18.82	58	<8	<2	4	17	<.2	<3	<3	86	.02	.074	9	30	.41	59	.01	<3	2.43	.03	.10	<2	15.8
STANDARD C3/DS3	27	64	36	160	5.8	37	12	830	3.24	53	25	3	22	28	22.4	18	25	85	.56	.090	19	174	.62	155	.10	18	1.89	.04	.18	20	23.1
STANDARD G-2	1	4	<3	42	<.3	7	4	586	2.01	<2	<8	<2	4	70	<.2	<3	<3	43	.64	.096	8	79	.63	231	.13	<3	.97	.07	.51	<2	-

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

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

Data h FA ___

ACME ANALYTICAL LABORATORIES LTD. [redacted] E. [redacted]STINGS ST. [redacted]COUVER BC [redacted] 1R[redacted] PHONE(6[redacted]53-[redacted] FAX(6[redacted]04)2[redacted]171[redacted]

(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A102884R

2130 - 21331 Gordon Way, Richmond BC V6W 1J9 Submitted by: Chris Naas

SAMPLE#	Ag** gm/mt	Au** gm/mt	Au** gm/mt
00754	116.2	1.70	-
00757	645.6	18.67	-
00943	291.5	4.94	-
00944	100.3	1.16	-
RE 00944	102.6	1.17	-
STANDARD R-1/AU-1	100.5	3.39	-

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: ROCK PULP
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 5 2001 **DATE REPORT MAILED:** Sept 19/01 **SIGNED BY** ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data d FA ___

APPENDIX III

CERTIFICATES OF ANALYSIS

b. Drill Core Samples

[redacted]CME [redacted]LYT[redacted] LA[redacted]ATOR[redacted] LT[redacted] [redacted]E. [redacted]TIN[redacted]T. [redacted]OUV[redacted]C [redacted]1R[redacted] P[redacted](60[redacted]3-3[redacted] FA[redacted]4)2[redacted]716[redacted]

(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103136 Page 1

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
04251	2	6	3	30	<.3	5	8	569	2.26	2	9	<2	17	53	<.2	<3	<3	61	1.31	.049	15	17	.81	185	.07	<3	.95	.07	.14	2	1.3
04252	3	4	4	37	.6	6	9	741	2.17	9	<8	<2	15	69	.2	<3	<3	53	1.96	.053	15	12	.83	166	.05	<3	1.07	.06	.25	<2	6.6
04253	2	5	<3	37	<.3	5	8	696	1.72	5	<8	<2	14	89	<.2	<3	<3	22	2.12	.044	16	14	.75	546	.01	<3	1.10	.04	.27	<2	3.9
04254	2	2	4	39	<.3	6	8	628	1.71	<2	8	<2	14	96	<.2	<3	<3	30	2.10	.045	17	12	.76	896	.02	<3	1.00	.05	.22	<2	1.0
04255	2	5	4	38	<.3	5	9	796	2.25	3	<8	<2	13	99	.2	<3	<3	42	2.39	.052	16	9	.92	405	.03	<3	1.20	.04	.27	<2	.8
04256	3	3	5	44	.5	7	10	820	2.52	20	<8	<2	14	59	<.2	<3	<3	57	1.62	.055	12	16	1.02	94	.08	<3	1.23	.06	.17	2	10.6
04257	2	5	13	46	8.6	5	9	763	2.32	9	<8	<2	13	58	.3	<3	<3	60	1.54	.055	11	13	.88	102	.10	<3	1.09	.06	.15	<2	16.2
04258	3	3	3	34	<.3	7	9	654	2.36	6	<8	<2	14	71	.2	<3	<3	62	1.66	.057	11	18	.91	121	.10	<3	1.13	.06	.15	<2	2.7
04259	2	4	3	31	.3	5	9	631	2.33	2	8	<2	13	79	<.2	<3	<3	55	2.13	.056	11	14	.91	101	.08	<3	1.19	.05	.20	2	.4
04260	3	3	4	39	.4	7	10	549	1.99	2	10	<2	13	68	<.2	<3	<3	38	1.47	.056	10	16	1.11	64	.10	<3	1.39	.05	.13	<2	.8
RE 04260	3	3	5	40	<.3	7	10	550	2.00	2	<8	<2	13	68	<.2	<3	<3	38	1.47	.057	10	13	1.11	64	.10	<3	1.40	.05	.14	2	1.5
RRE 04260	1	4	7	40	.4	5	10	551	2.02	2	9	<2	13	69	<.2	<3	<3	37	1.47	.057	10	15	1.11	64	.10	<3	1.40	.05	.13	<2	.4
04261	2	5	3	56	<.3	7	10	680	2.14	2	<8	<2	13	79	<.2	<3	3	46	1.67	.058	11	16	1.16	62	.09	<3	1.49	.06	.12	<2	.4
04262	2	10	4	66	.5	6	11	734	2.34	2	<8	<2	15	68	<.2	<3	<3	59	1.25	.058	12	12	1.16	70	.11	<3	1.35	.07	.12	<2	1.0
04263	3	4	6	40	<.3	7	10	581	2.44	<2	<8	<2	13	61	<.2	<3	<3	69	1.24	.059	11	15	.91	82	.12	<3	1.18	.08	.13	<2	.5
04264	3	5	6	48	<.3	6	10	679	2.45	<2	<8	<2	14	64	<.2	<3	<3	62	1.70	.059	12	17	1.07	72	.09	<3	1.28	.06	.14	<2	<.2
04265	4	21	9	39	.9	6	10	1223	2.32	32	<8	<2	12	96	.2	<3	<3	42	2.61	.058	10	14	.97	406	.05	<3	1.29	.04	.32	2	19.8
04266	1	70	8	48	1.5	6	9	756	2.55	8	<8	<2	13	81	<.2	<3	<3	56	1.70	.059	11	15	1.03	170	.09	<3	1.32	.06	.19	<2	5.8
04267	3	6	8	46	.4	7	10	767	2.10	3	8	<2	12	91	<.2	<3	<3	42	1.62	.058	12	13	1.13	71	.10	<3	1.51	.05	.16	<2	2.6
04268	2	6	6	49	.3	6	10	1041	2.50	7	8	<2	12	92	<.2	<3	<3	52	2.54	.058	12	17	1.10	90	.07	<3	1.45	.04	.23	<2	3.5
04269	3	5	<3	34	<.3	7	9	585	2.40	<2	<8	<2	12	69	<.2	<3	<3	76	1.25	.058	12	17	.90	116	.12	<3	1.06	.09	.12	<2	2.2
04270	1	7	4	56	1.0	6	11	992	2.50	14	<8	<2	12	81	.2	<3	<3	46	2.85	.059	14	10	1.05	118	.01	<3	1.42	.04	.31	<2	6.6
04271	2	4	<3	36	<.3	7	10	711	2.53	2	<8	<2	12	74	<.2	<3	<3	71	1.80	.058	13	18	.99	110	.08	<3	1.22	.07	.15	<2	2.1
04272	2	12	15	56	5.0	6	11	1082	2.58	17	<8	<2	12	95	<.2	<3	3	54	2.84	.061	14	13	1.03	163	.02	<3	1.32	.04	.25	<2	20.1
04273	2	5	5	53	<.3	7	11	1116	2.57	6	<8	<2	12	97	.2	<3	<3	51	3.01	.060	13	16	1.09	175	.01	<3	1.47	.04	.30	<2	4.8
04274	1	30	3	50	.3	5	12	802	2.60	2	<8	<2	11	71	<.2	<3	<3	51	2.50	.058	15	11	1.09	131	.01	<3	1.39	.04	.25	<2	2.4
RE 04274	1	29	7	48	.5	5	11	773	2.50	3	<8	<2	11	69	<.2	<3	<3	50	2.42	.056	14	12	1.06	124	.01	<3	1.35	.04	.23	<2	1.5
RRE 04274	2	20	6	48	.4	6	11	775	2.45	2	<8	<2	11	70	.2	<3	<3	49	2.44	.057	15	13	1.06	131	.01	<3	1.37	.04	.25	<2	1.6
04275	1	4	<3	39	.3	6	10	808	2.53	3	<8	<2	10	118	<.2	<3	<3	70	2.46	.058	13	13	.99	113	.05	<3	1.61	.04	.14	<2	1.5
04276	1	5	7	45	<.3	6	10	741	2.33	2	<8	<2	10	89	<.2	<3	<3	53	2.50	.056	10	12	.97	98	.05	<3	1.35	.05	.19	<2	2.1
04277	1	86	8	48	1.8	5	11	917	2.39	16	<8	<2	12	101	<.2	<3	<3	42	2.40	.055	12	14	.98	328	.03	<3	1.32	.04	.28	2	5.7
04278	4	17	11	76	2.2	6	11	1738	2.35	11	<8	<2	11	116	1.4	<3	<3	41	2.62	.054	10	12	.96	254	.04	<3	1.30	.04	.29	3	10.0
04279	1	15	10	50	.5	5	10	879	2.26	4	<8	<2	12	86	<.2	<3	3	48	2.09	.055	11	13	.97	81	.07	<3	1.28	.05	.20	<2	2.8
STANDARD DS3	10	127	34	162	.4	39	12	852	3.29	31	8	<2	4	30	5.9	5	6	81	.57	.099	19	189	.63	159	.10	<3	1.84	.04	.18	4	22.8

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE R150 60C AU* BY ACID LEACHED, ANALYZE BY ICP-MS. (10 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 13 2001 **DATE REPORT MAILED:** Sept 21/01 **SIGNED BY** ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data ✓ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
04280	3	7	3	33	<.3	6	9	583	2.52	3	<8	<2	12	105	.2	<3	<3	78	1.16	.060	13	15	.87	173	.14	<3	1.01	.10	.12	2	3.7
04281	2	7	6	32	<.3	5	8	494	2.49	<2	<8	<2	12	106	<.2	<3	<3	79	.89	.059	11	13	.85	48	.14	<3	.93	.09	.09	<2	2.2
04282	2	8	9	42	<.3	6	9	611	2.47	<2	<8	<2	13	85	<.2	<3	<3	72	1.28	.058	12	16	.88	79	.12	3	1.02	.09	.13	2	1.4
04283	2	8	6	44	<.3	5	9	674	2.49	2	<8	<2	13	56	<.2	<3	<3	72	1.42	.059	11	13	.89	63	.11	5	.94	.07	.12	<2	4.0
04284	2	14	3	40	<.3	7	9	715	2.58	<2	<8	<2	13	62	.2	<3	<3	78	1.31	.061	11	16	.90	73	.13	3	1.00	.09	.13	2	1.6
04285	3	12	59	118	8.5	5	10	1323	2.47	45	<8	<2	12	68	1.4	<3	<3	60	2.14	.059	11	10	.79	81	.08	<3	1.03	.05	.26	3	44.2
04286	3	4	6	34	<.3	7	9	573	2.55	<2	<8	<2	12	67	<.2	<3	<3	82	1.36	.060	12	15	.81	112	.15	<3	.97	.09	.12	2	5.2
04287	3	15	11	106	.6	2	11	1138	4.97	4	<8	<2	4	60	<.2	<3	<3	74	1.94	.219	22	1	1.28	74	.19	<3	1.93	.07	.12	4	1.7
04288	4	17	16	233	.5	3	11	981	4.90	3	<8	<2	3	76	.3	5	<3	82	2.00	.217	23	3	1.14	83	.21	<3	1.93	.12	.11	6	2.1
04289	3	13	17	108	<.3	2	11	925	4.26	2	<8	<2	3	103	.2	<3	<3	44	1.80	.222	18	2	1.07	52	.20	<3	1.92	.05	.12	4	.9
04290	3	15	12	106	<.3	2	11	1072	4.84	5	<8	<2	3	66	.4	<3	<3	64	2.20	.217	20	5	1.10	66	.20	<3	1.84	.05	.14	3	2.0
RE 04290	3	14	11	107	.3	2	11	1085	4.90	5	<8	<2	4	67	<.2	<3	<3	63	2.21	.221	21	3	1.11	66	.20	<3	1.87	.05	.14	3	1.4
RRE 04290	4	15	11	111	.3	2	11	1111	5.01	3	<8	<2	3	69	.2	<3	<3	64	2.27	.225	20	1	1.13	66	.20	<3	1.91	.05	.14	4	2.4
04291	4	15	14	105	<.3	2	11	1023	4.82	3	<8	<2	3	60	.3	<3	<3	64	2.07	.220	21	1	1.10	69	.24	<3	1.84	.06	.14	3	1.3
04292	3	15	9	104	.3	2	11	985	4.70	5	<8	<2	4	60	.2	<3	<3	59	2.19	.222	22	1	1.08	73	.25	<3	1.85	.05	.17	3	1.4
04293	3	10	13	99	<.3	6	9	903	3.83	5	<8	<2	5	60	.5	<3	<3	58	2.03	.190	19	9	1.00	69	.22	<3	1.48	.07	.14	3	.5
04294	6	28	22	80	<.3	14	8	643	2.38	2	<8	<2	5	97	.4	<3	<3	60	1.56	.122	13	27	1.00	82	.18	<3	1.28	.14	.12	21	<.2
04295	10	18	14	67	<.3	14	6	493	2.25	<2	<8	<2	5	102	.4	<3	<3	62	1.12	.110	12	29	.89	92	.18	<3	1.29	.18	.18	7	.2
04296	8	70	23	163	.6	15	10	1226	2.53	<2	<8	<2	5	77	.7	<3	<3	55	1.45	.116	13	28	1.02	74	.16	<3	1.11	.11	.11	3	.7
04297	1	8	13	303	.4	7	9	2149	2.51	<2	<8	<2	12	142	3.0	<3	<3	51	2.15	.067	12	10	.96	22	.12	<3	1.06	.08	.02	7	.4
04298	2	6	16	312	.4	8	11	2257	3.22	3	<8	<2	12	95	2.4	<3	<3	58	1.93	.075	15	13	1.09	70	.12	<3	1.09	.09	.09	8	1.1
04299	1	10	14	219	.4	4	8	2102	2.46	6	<8	<2	16	110	.9	<3	<3	47	1.86	.050	12	7	.76	139	.10	<3	.88	.08	.06	6	9.1
04300	1	2	26	533	1.0	4	9	2267	2.42	<2	<8	<2	16	122	7.8	<3	<3	53	2.09	.055	15	7	.78	91	.10	<3	.91	.09	.06	12	2.5
04301	2	28	17	92	3.3	3	5	2370	2.30	38	<8	<2	23	85	1.0	<3	<3	46	2.79	.031	18	5	.41	19	.04	<3	.72	.10	.09	3	77.8
04302	1	3	22	86	2.9	4	8	2471	1.70	57	<8	<2	23	87	.6	<3	<3	19	2.93	.037	13	5	.60	33	.02	<3	.86	.07	.17	3	48.8
RE 04302	2	4	26	87	2.9	4	8	2533	1.75	61	<8	<2	24	89	.8	<3	3	19	3.00	.038	13	9	.62	34	.02	<3	.89	.07	.18	3	47.1
RRE 04302	1	5	23	86	2.8	3	8	2521	1.74	61	<8	<2	24	88	.6	3	<3	19	2.98	.037	14	3	.61	33	.02	<3	.86	.06	.17	2	45.4
04303	8	668	4855	9030	187.3	6	5	1088	3.49	377	<8	9	8	23	124.9	119	5	4	.98	.013	6	14	.31	26	<.01	3	.50	.01	.20	146	6896.9
04304	1	11	163	331	21.5	4	10	3115	2.39	115	<8	<2	22	88	3.3	3	<3	26	3.06	.046	11	3	.76	30	.03	<3	1.10	.05	.21	8	101.4
04305	2	99	1206	1742	210.6	5	9	2736	2.31	78	<8	2	19	75	21.7	8	<3	12	2.56	.038	10	8	.87	40	<.01	<3	1.18	.03	.29	35	2184.2
04306	1	9	28	134	3.0	3	8	2000	2.04	24	<8	<2	19	92	1.1	<3	<3	34	2.78	.043	14	5	.79	73	.05	<3	.93	.08	.10	3	25.2
04307	2	14	13	120	1.5	5	9	1727	2.05	16	8	<2	21	96	.8	<3	<3	43	2.44	.046	14	6	.81	112	.07	<3	.88	.09	.07	4	11.1
04308	2	9	11	216	.7	5	9	1849	2.43	14	<8	<2	18	97	2.8	<3	<3	51	2.65	.050	14	6	.93	157	.07	<3	.96	.08	.06	6	6.6
04309	1	4	8	183	.7	5	10	2033	2.44	11	<8	<2	17	105	1.8	<3	<3	47	2.91	.052	12	7	.94	181	.06	<3	1.10	.08	.08	4	12.5
STANDARD DS3	11	134	35	159	<.3	40	13	894	3.42	34	10	<2	4	31	6.0	3	8	85	.59	.102	20	187	.66	158	.10	<3	1.75	.04	.19	2	22.0

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

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

Data ✓ FA ____

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
04310	2	9	9	66	12.8	3	6	1145	1.16	6	18	<2	29	47	.5	<3	<3	16	1.55	.028	27	8	.42	38	.03	<3	.58	.11	.05	2	107.8
04311	<1	5	7	93	.4	4	9	1790	2.20	4	11	<2	23	77	.4	<3	<3	36	2.48	.045	19	7	.87	47	.04	<3	1.04	.09	.04	3	4.9
04312	1	14	49	123	19.7	4	10	2098	2.23	51	<8	<2	23	85	1.1	<3	<3	31	2.51	.049	20	6	.74	44	.03	<3	1.03	.07	.15	3	90.7
04313	4	1028	122	98	52.0	5	9	2503	1.75	33	<8	<2	10	99	1.7	5	4	11	2.05	.030	5	8	.66	104	.03	<3	.93	.01	.33	4	86.5
04314	2	45	46	85	12.6	5	8	1485	2.22	66	<8	<2	16	61	.8	3	<3	28	1.48	.050	8	9	.79	78	.05	<3	1.14	.02	.30	3	57.8
04315	30	11	40	89	2.0	5	7	911	2.09	12	<8	<2	18	75	1.0	<3	<3	45	1.66	.045	12	13	.72	80	.06	3	.97	.05	.23	3	27.0
04316	12	8	5	42	<.3	5	8	663	2.15	<2	<8	<2	18	61	<.2	<3	<3	51	1.51	.047	13	11	.75	76	.07	<3	.96	.06	.18	2	3.9
04317	20	11	11	46	.3	6	9	977	2.18	7	<8	<2	14	83	.2	<3	<3	40	2.16	.050	13	13	.78	88	.05	<3	1.11	.04	.26	<2	5.6
04318	12	42	12	63	.9	4	9	994	2.13	15	<8	<2	15	78	.3	<3	<3	38	2.11	.049	13	11	.83	77	.04	<3	1.08	.04	.22	2	35.9
04319	2	22	18	56	1.4	6	8	1352	2.25	33	<8	<2	14	71	.3	<3	<3	45	1.90	.050	9	11	.79	79	.05	<3	1.08	.05	.20	3	32.5
04320	1	26	5	67	1.1	5	10	808	2.37	<2	<8	<2	14	75	.2	<3	<3	48	1.96	.055	8	12	1.04	67	.05	<3	1.23	.05	.17	2	2.6
RE 04320	2	26	7	67	.9	5	10	808	2.37	2	<8	<2	14	75	<.2	<3	<3	48	1.96	.055	9	11	1.04	67	.05	<3	1.23	.05	.17	2	3.1
RRE 04320	2	27	9	67	1.0	6	10	798	2.33	2	8	<2	15	75	.3	<3	<3	48	1.94	.056	8	11	1.04	67	.05	3	1.24	.05	.18	2	3.4
04321	<1	6	5	51	<.3	5	8	606	2.30	<2	<8	<2	12	67	.2	<3	3	59	1.55	.058	10	13	.80	73	.08	<3	.95	.06	.14	2	1.8
04322	52	18	8	37	<.3	5	7	525	2.32	5	<8	<2	12	128	.2	<3	<3	59	1.24	.055	11	14	.81	108	.08	<3	.98	.07	.13	<2	4.7
04323	1	42	6	45	.5	5	7	557	2.72	<2	<8	<2	12	169	.4	<3	<3	71	1.70	.060	12	15	.97	143	.07	<3	1.12	.06	.14	2	1.2
04324	2	28	6	63	1.4	6	9	1059	2.39	9	<8	<2	12	97	.2	<3	3	48	2.69	.059	13	12	1.05	106	.02	<3	1.29	.04	.24	2	10.9
04325	2	81	7	62	1.7	5	11	851	1.83	<2	<8	<2	11	67	<.2	<3	<3	33	2.07	.059	10	11	.95	73	.03	<3	1.16	.05	.21	<2	4.0
04326	2	13	6	55	<.3	6	10	706	2.49	<2	<8	<2	11	66	.2	<3	<3	63	1.76	.064	10	13	1.03	67	.09	<3	1.19	.07	.14	<2	1.1
04327	2	11	7	41	<.3	6	10	602	2.33	2	<8	<2	11	86	.2	<3	<3	59	1.63	.064	8	16	1.04	67	.11	<3	1.23	.06	.11	2	1.6
04328	1	28	7	40	.8	6	8	529	2.30	<2	8	<2	12	92	<.2	<3	<3	61	1.22	.063	9	14	.92	70	.12	<3	1.14	.07	.12	<2	.8
04329	1	144	16	57	1.8	6	11	644	2.76	<2	<8	<2	11	64	.3	<3	<3	67	1.28	.060	8	13	1.13	57	.11	<3	1.29	.07	.12	2	1.3
04330	2	549	11	65	8.3	10	16	621	4.23	<2	<8	<2	10	82	.3	<3	<3	57	1.16	.057	9	16	1.27	35	.08	<3	1.47	.05	.09	5	2.5
04331	2	13	8	36	<.3	7	10	583	2.68	<2	<8	<2	12	69	<.2	<3	<3	73	1.46	.066	13	19	1.11	59	.12	<3	1.22	.07	.11	<2	.4
04332	2	15	7	43	<.3	8	11	634	2.67	<2	<8	<2	10	76	<.2	<3	<3	75	1.44	.068	10	20	1.12	56	.13	<3	1.25	.09	.09	13	1.8
RE 04332	2	16	8	43	<.3	8	11	632	2.64	<2	<8	<2	11	76	.2	<3	<3	75	1.43	.067	10	22	1.12	55	.13	<3	1.24	.09	.09	14	1.2
RRE 04332	2	15	7	42	<.3	7	11	622	2.65	<2	<8	<2	10	74	<.2	<3	<3	74	1.40	.067	10	16	1.10	54	.13	<3	1.21	.08	.09	16	.8
04333	2	16	37	67	.3	9	11	1866	2.45	11	<8	<2	10	82	.5	<3	<3	47	1.54	.069	9	20	1.08	61	.11	<3	1.47	.06	.16	2	5.6
04334	1	21	7	41	<.3	8	11	686	2.55	<2	<8	<2	9	95	<.2	<3	<3	59	1.61	.071	10	17	1.23	57	.11	<3	1.36	.06	.10	<2	1.4
04335	2	15	6	38	<.3	9	11	706	2.67	<2	<8	<2	11	106	<.2	<3	<3	77	1.63	.067	11	22	1.12	72	.11	<3	1.31	.08	.10	<2	1.2
04336	2	24	6	47	<.3	8	12	790	2.86	11	<8	<2	12	338	<.2	<3	<3	69	2.15	.069	13	18	1.29	204	.01	<3	1.99	.05	.17	<2	9.4
04337	2	20	4	40	<.3	9	11	695	2.72	<2	8	<2	12	86	<.2	<3	<3	79	1.48	.070	12	22	1.14	73	.12	<3	1.27	.09	.10	<2	1.0
04338	2	26	5	41	.3	8	11	850	2.88	2	9	<2	11	73	<.2	<3	<3	78	2.08	.070	10	18	1.28	61	.09	<3	1.40	.06	.13	<2	2.5
04339	6	32	53	62	27.2	10	20	2213	3.10	161	<8	<2	9	189	.8	<3	<3	28	4.05	.061	9	15	.75	113	.02	<3	1.13	.01	.33	<2	323.0
STANDARD DS3	10	132	37	158	<.3	40	13	881	3.38	31	<8	<2	4	30	6.1	4	5	83	.58	.102	19	190	.65	157	.09	<3	1.79	.04	.18	3	21.0

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

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Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
04340	4	51	5	49	3.2	8	10	1612	2.27	29	<8	<2	10	93	.2	<3	<3	37	2.90	.066	9	20	1.24	63	.05	<3	1.49	.03	.21	<2	23.3
04341	5	22	3	52	.9	9	10	827	2.57	4	<8	<2	10	100	<.2	<3	<3	67	1.71	.067	12	23	1.17	110	.09	<3	1.41	.06	.12	<2	5.7
04342	3	20	5	60	<.3	8	12	889	2.65	2	<8	<2	9	76	<.2	<3	<3	59	2.25	.072	13	19	1.21	110	.05	<3	1.44	.06	.14	<2	3.6
04343	4	42	10	59	.7	9	12	881	2.69	2	<8	<2	9	76	.2	3	<3	67	2.14	.072	10	23	1.21	95	.08	<3	1.47	.06	.15	<2	.9
04344	5	27	11	113	.8	2	11	1132	4.16	2	<8	<2	3	92	.5	<3	<3	39	1.54	.218	16	4	1.03	62	.20	<3	1.99	.04	.13	2	13.8
04345	4	13	12	106	<.3	2	10	966	4.45	<2	<8	<2	2	71	.4	<3	<3	55	2.32	.212	16	4	1.01	82	.17	<3	2.02	.04	.17	2	2.3
04346	3	15	14	106	<.3	1	10	1019	4.56	3	<8	<2	2	71	.4	<3	<3	57	2.13	.207	17	4	1.13	72	.15	<3	2.06	.04	.15	2	1.1
04347	3	17	14	108	<.3	2	10	1034	4.47	5	<8	<2	2	106	.6	<3	<3	56	2.40	.206	19	3	.96	73	.17	<3	1.88	.05	.15	2	1.9
04348	4	16	5	114	<.3	4	10	1093	4.91	6	<8	<2	3	94	.4	<3	<3	63	2.47	.222	22	6	1.04	87	.19	<3	2.04	.05	.17	<2	.5
RE 04348	4	15	8	107	<.3	1	10	1028	4.66	4	<8	<2	3	88	.4	<3	<3	59	2.33	.211	20	5	.98	82	.18	<3	1.94	.05	.16	2	1.6
RRE 04348	4	17	8	109	<.3	2	10	1029	4.65	5	<8	<2	4	90	.4	<3	<3	60	2.35	.212	20	5	.99	86	.18	<3	1.94	.05	.17	3	.8
04351	4	16	11	107	<.3	1	10	1001	4.65	5	<8	<2	3	74	.4	<3	<3	60	2.10	.211	19	3	1.07	74	.17	<3	1.96	.06	.14	2	2.2
04352	4	18	3	106	.4	2	10	1163	4.54	5	<8	<2	3	64	.5	<3	<3	61	2.25	.212	19	5	.96	75	.17	<3	1.99	.06	.12	2	2.4
04353	4	9	6	41	.6	8	11	863	2.85	3	9	<2	10	78	<.2	<3	<3	78	2.10	.067	10	20	1.18	104	.08	<3	1.36	.07	.12	<2	13.5
04354	2	7	5	42	<.3	8	12	773	2.59	4	<8	<2	10	88	<.2	<3	<3	66	2.06	.068	13	20	1.27	164	.06	<3	1.38	.06	.15	<2	1.0
04355	3	10	<3	42	<.3	8	12	755	2.77	2	<8	<2	9	88	<.2	<3	<3	72	2.15	.068	13	24	1.29	156	.04	<3	1.41	.07	.14	<2	3.4
04356	3	16	<3	47	<.3	9	13	919	2.84	2	<8	<2	9	96	<.2	<3	<3	66	2.65	.070	14	27	1.42	166	.03	<3	1.59	.06	.17	<2	1.4
STANDARD DS3	11	121	33	153	<.3	37	12	815	3.13	30	<8	<2	3	28	5.5	4	5	77	.54	.093	17	191	.60	152	.09	<3	1.73	.04	.17	4	23.7

Sample type: CORE R150 60C. 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

[redacted]ME [redacted]YTI[redacted] LAB[redacted]TORI[redacted]LTD[redacted] 8[redacted]E. H[redacted]ING[redacted]. V[redacted]UVE[redacted]C V[redacted]1R6[redacted] PH[redacted](604[redacted]3-31[redacted]FAX[redacted])25[redacted]16 [redacted]
(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103136R

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Ag** gm/mt	Au** gm/mt
04303	1777.1	7.50
04305	254.7	2.34
RE 04305	242.8	2.28

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: CORE PULP
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 25 2001 **DATE REPORT MAILED:** Oct 3/01 **SIGNED BY** ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data 1 FA ___

[redacted]CME [redacted]LYT[redacted] LA[redacted]TOR[redacted] LTD[redacted] [redacted]E. [redacted]ING[redacted]T. V[redacted]DUV[redacted]C [redacted]1R6[redacted] PH[redacted](60[redacted]3-3[redacted] FAX[redacted])25[redacted]716[redacted]
(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103136R2

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Ag** gm/mt	Au** gm/mt
04304	19.7	.11

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: CORE PULP

DATE RECEIVED: NOV 2 2001 **DATE REPORT MAILED:** Nov 7/01 **SIGNED BY.** C. Leong .D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data V FA V/W5

[redacted]ME [redacted]LYTI[redacted] LA[redacted]TOR[redacted]LTD[redacted] 8[redacted]E. [redacted]ING[redacted]. V[redacted]OUVE[redacted]C [redacted]1R6[redacted] PH[redacted](604[redacted]3-3[redacted]FAX[redacted])25[redacted]16[redacted]

(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103166 Page 1

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
SI	<1	6	4	3	<.3	3	<1	24	.21	<2	<8	<2	<2	3	<.2	<3	<3	1	.12	<.001	<1	7	.01	5	<.01	<3	.01	.54	.01	<2	<.2
04357	1	9	5	47	<.3	9	14	943	2.80	7	<8	<2	9	93	<.2	<3	<3	64	3.14	.074	16	23	1.30	490	.03	<3	1.49	.05	.18	2	2.8
04358	<1	9	<3	48	<.3	9	13	908	2.94	<2	<8	<2	8	85	.3	<3	<3	77	2.13	.077	12	22	1.33	104	.07	<3	1.48	.07	.14	2	1.9
04359	2	13	3	41	.6	9	11	937	2.49	8	<8	<2	7	91	.2	<3	<3	65	2.07	.079	11	23	1.12	103	.09	<3	1.40	.07	.19	2	11.2
04360	13	7	26	61	.3	1	1	308	1.12	3	<8	<2	4	36	.4	<3	<3	3	.84	.005	31	9	.07	90	.01	<3	.39	.06	.22	2	2.1
04361	<1	10	7	46	<.3	11	12	808	2.66	<2	<8	<2	10	84	.4	<3	<3	67	2.13	.078	14	28	1.33	78	.11	<3	1.60	.07	.17	2	2.1
04362	5	3	22	46	<.3	3	2	600	1.21	<2	<8	<2	5	69	.3	<3	<3	8	1.86	.015	29	7	.26	79	.01	<3	.62	.05	.24	2	1.5
04363	<1	7	4	46	<.3	10	12	815	2.62	<2	<8	<2	10	90	<.2	3	<3	63	2.03	.077	14	25	1.38	93	.09	<3	1.61	.07	.14	2	.4
04364	1	16	6	43	.4	9	11	758	2.47	2	8	<2	10	66	<.2	<3	<3	67	1.52	.078	12	24	1.22	88	.11	<3	1.42	.08	.12	<2	.9
04365	2	13	3	38	<.3	10	11	631	2.51	2	<8	<2	11	79	.3	<3	<3	77	1.50	.080	11	27	1.12	116	.14	<3	1.35	.10	.14	2	1.3
04366	2	15	5	39	.3	10	11	656	2.48	<2	<8	<2	11	69	<.2	<3	<3	67	1.77	.077	11	26	1.17	186	.11	<3	1.35	.07	.13	<2	1.0
RE 04366	1	13	<3	38	<.3	10	11	656	2.48	<2	<8	<2	11	70	.2	<3	<3	69	1.77	.076	11	23	1.17	185	.11	<3	1.35	.07	.13	<2	.6
RRE 04366	<1	14	<3	41	<.3	10	11	657	2.50	<2	<8	<2	11	70	.3	3	<3	70	1.77	.077	11	25	1.18	192	.11	<3	1.37	.07	.12	2	.7
04367	<1	11	5	47	.6	9	13	1173	2.34	3	<8	<2	11	118	.2	3	<3	36	3.70	.074	18	20	1.33	92	.01	3	1.56	.03	.23	<2	.9
04368	1	8	4	41	.4	9	12	796	2.48	2	8	<2	11	85	.2	<3	<3	63	2.02	.068	14	30	1.24	318	.08	<3	1.48	.07	.18	2	1.1
04369	1	5	<3	45	<.3	7	10	916	2.52	2	<8	<2	12	78	.3	<3	<3	62	2.29	.064	14	21	1.14	288	.06	<3	1.32	.05	.17	2	1.4
04370	3	6	6	51	.3	9	11	1124	2.40	6	8	<2	12	93	.3	<3	<3	47	2.48	.066	16	20	1.13	649	.03	<3	1.43	.04	.26	<2	2.4
04371	<1	6	7	45	<.3	6	11	880	2.44	2	<8	<2	11	86	<.2	3	<3	54	2.25	.061	12	15	1.16	395	.06	<3	1.34	.05	.15	<2	2.2
04372	1	10	8	52	<.3	6	10	924	2.50	2	<8	<2	11	105	.3	<3	<3	57	2.87	.062	14	13	1.23	147	.04	<3	1.44	.05	.14	<2	3.3
04373	2	10	<3	39	<.3	5	10	782	2.56	3	<8	<2	12	66	<.2	<3	<3	69	1.72	.061	12	13	1.05	142	.07	<3	1.13	.06	.12	2	5.4
04374	<1	6	4	46	<.3	6	10	918	2.46	5	<8	<2	11	97	<.2	<3	<3	60	2.45	.064	14	14	1.22	293	.06	<3	1.35	.06	.10	<2	2.9
04375	<1	7	<3	50	<.3	5	11	985	2.54	2	<8	<2	11	104	.2	<3	<3	54	2.83	.066	14	10	1.23	457	.04	<3	1.37	.05	.12	2	2.0
04376	2	6	<3	40	.3	5	11	1014	2.57	2	<8	<2	11	121	.3	<3	<3	54	2.91	.059	13	14	1.06	308	.04	<3	1.25	.04	.18	<2	3.4
04377	3	10	6	45	<.3	6	10	853	2.35	4	<8	<2	10	99	<.2	<3	<3	51	2.32	.062	14	13	.97	483	.04	<3	1.26	.04	.19	2	2.2
04378	1	5	<3	42	.3	6	11	840	2.38	3	<8	<2	11	124	.2	<3	<3	45	2.43	.061	15	13	1.07	786	.02	<3	1.37	.04	.22	<2	2.8
RE 04378	2	6	6	44	<.3	6	11	852	2.42	3	<8	<2	11	125	<.2	<3	<3	45	2.47	.062	15	12	1.09	782	.02	<3	1.39	.04	.22	2	1.5
RRE 04378	1	6	5	41	<.3	5	11	827	2.35	<2	<8	<2	10	120	.2	3	<3	43	2.37	.061	14	10	1.06	753	.02	<3	1.33	.04	.20	<2	1.2
04379	2	5	6	39	.3	6	10	1052	2.05	<2	<8	<2	11	193	.3	3	<3	23	3.37	.057	18	12	.93	874	<.01	<3	1.32	.02	.35	<2	4.1
04380	<1	1	<3	46	<.3	5	11	861	2.41	<2	<8	<2	10	163	.2	3	<3	39	2.97	.060	15	11	1.15	978	.01	<3	1.37	.03	.20	<2	1.3
04381	<1	10	<3	60	.6	13	20	1132	3.75	<2	<8	<2	3	175	.3	3	<3	115	3.12	.083	9	55	2.17	556	.13	<3	2.08	.05	.13	<2	8.6
04382	<1	4	3	45	<.3	4	12	885	2.47	2	<8	<2	9	114	.4	3	<3	37	2.81	.062	17	12	1.21	300	.01	<3	1.49	.03	.21	<2	1.7
04383	1	4	<3	39	<.3	6	10	777	2.53	3	<8	<2	10	108	<.2	3	<3	62	2.10	.062	15	13	1.13	321	.04	<3	1.30	.05	.17	<2	2.2
04384	<1	5	<3	38	<.3	4	10	722	2.39	<2	<8	<2	11	87	<.2	<3	<3	61	1.88	.061	15	11	1.08	255	.05	<3	1.18	.05	.13	<2	1.7
04385	1	4	<3	44	.4	5	11	856	2.40	2	<8	<2	10	149	.4	3	<3	39	3.15	.059	16	10	1.04	337	<.01	<3	1.35	.03	.24	<2	4.5
STANDARD DS3	8	125	37	159	.3	38	12	832	3.22	31	<8	2	4	28	5.8	5	5	80	.55	.097	18	191	.61	176	.09	4	1.76	.04	.17	5	19.1

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE R150 60C AU* BY ACID LEACHED, ANALYZE BY ICP-MS. (10 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 14 2001 **DATE REPORT MAILED:** Sept 29/01 **SIGNED BY** ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data ✓ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
04386	2	22	583	338	134.9	5	12	1145	2.73	48	8	<2	10	155	6.8	3	<3	26	3.27	.057	8	8	.95	212	<.01	<3	1.25	.03	.28	6	1577.8
04387	2	43	725	526	210.9	6	11	1132	2.61	47	<8	3	11	160	10.5	5	<3	32	3.26	.059	10	13	.96	289	<.01	<3	1.34	.03	.28	11	1964.1
04388	3	6	24	51	2.0	6	11	964	2.38	7	<8	<2	11	173	.3	<3	<3	35	3.06	.063	16	11	1.07	687	<.01	<3	1.28	.04	.31	<2	15.3
04389	1	5	8	52	.4	6	11	920	2.49	6	<8	<2	10	153	<.2	<3	<3	23	2.88	.064	16	11	1.10	667	<.01	<3	1.23	.03	.26	2	8.0
04390	3	7	6	59	.5	6	11	968	2.43	6	<8	<2	10	178	.3	<3	<3	32	3.18	.063	15	13	1.02	479	<.01	<3	1.27	.03	.28	<2	1.9
04391	9	25	257	116	6.3	6	12	2373	2.44	212	<8	<2	11	157	1.6	4	<3	6	2.94	.068	14	7	.82	109	<.01	3	.64	.02	.30	3	215.5
04392	4	12	238	293	18.8	6	10	4405	2.56	3568	21	<2	9	165	4.3	6	<3	4	3.39	.054	8	7	.84	91	<.01	3	.47	.01	.30	7	598.8
04393	1	6	48	96	2.1	5	11	2435	2.29	50	8	<2	11	180	.7	<3	<3	3	3.46	.057	11	9	1.00	83	<.01	3	.57	.01	.29	2	7.7
04394	19	55	1082	1738	48.6	10	13	2225	3.52	6923	<8	3	6	198	28.8	7	<3	7	3.29	.062	6	13	1.02	65	<.01	<3	.52	.01	.30	37	895.0
04395	69	61	2483	2121	77.4	6	9	2759	4.13	12602	<8	5	8	167	36.1	12	3	3	2.57	.047	6	7	.77	69	<.01	<3	.35	.01	.28	44	2969.4
RE 04395	69	60	2509	2140	82.3	5	9	2787	4.16	12587	<8	3	8	169	36.6	12	<3	3	2.60	.047	6	5	.78	69	<.01	<3	.35	.01	.28	44	2772.4
RRE 04395	68	59	2592	2065	78.7	7	9	2784	4.19	12853	<8	3	9	167	34.7	14	<3	3	2.58	.049	5	9	.77	72	<.01	<3	.36	.01	.29	44	2736.6
04396	34	28	1244	1444	27.3	9	11	2790	2.56	4510	<8	<2	10	175	25.4	5	<3	5	2.46	.059	10	6	.51	85	<.01	<3	.39	.01	.32	31	673.0
04397	7	7	74	100	1.7	4	1	1135	.60	35	<8	<2	6	109	2.9	<3	<3	<1	1.46	.008	13	6	.09	170	<.01	<3	.29	.01	.31	3	86.1
04398	5	9	107	199	.9	1	<1	767	.31	12	<8	<2	7	76	6.2	<3	<3	<1	1.15	.005	13	4	.01	147	<.01	<3	.26	.01	.30	5	91.6
04401	6	8	103	174	.8	3	1	804	.47	12	8	<2	7	88	5.6	<3	<3	<1	1.46	.005	12	11	.02	107	<.01	3	.28	.01	.31	3	87.6
04402	5	9	30	83	1.2	2	5	1120	1.89	8	9	<2	5	194	1.4	<3	<3	2	2.32	.082	15	4	.26	84	<.01	<3	.41	.01	.30	2	6.7
04403	3	13	13	69	.6	1	9	1253	3.61	4	<8	<2	3	227	.3	<3	3	6	2.83	.205	19	3	.53	263	<.01	<3	.69	.01	.40	<2	2.5
04404	2	16	14	88	<.3	2	9	1309	3.88	<2	<8	<2	4	274	.5	<3	<3	10	2.93	.226	25	3	.54	146	<.01	<3	1.08	.01	.39	3	1.6
04405	6	19	278	218	6.3	7	5	1317	1.16	17	<8	<2	6	140	4.3	<3	<3	3	1.84	.038	13	11	.30	665	<.01	3	.44	.01	.36	5	194.1
04406	7	7	71	77	.9	2	1	798	.52	8	<8	<2	6	139	2.3	<3	<3	<1	1.40	.008	14	6	.06	102	<.01	<3	.27	.01	.31	2	44.7
04407	8	6	117	222	1.0	4	1	622	.43	18	<8	<2	7	128	6.3	<3	<3	<1	1.23	.005	13	9	.02	100	<.01	<3	.29	.01	.33	5	96.2
04408	10	7	59	93	.9	2	1	490	.41	9	<8	<2	7	86	2.4	<3	<3	<1	.82	.006	14	6	.02	70	<.01	3	.28	.01	.29	<2	64.7
RE 04408	10	7	55	93	.9	2	<1	493	.41	12	<8	<2	7	86	2.6	<3	<3	<1	.83	.005	14	8	.02	71	<.01	<3	.27	.01	.30	2	56.3
RRE 04408	11	5	55	81	1.0	3	<1	490	.39	10	8	<2	8	86	2.3	<3	<3	<1	.82	.005	14	9	.02	76	<.01	<3	.30	.01	.31	2	77.6
04409	10	11	64	62	.9	2	1	789	.61	11	12	<2	8	122	1.8	<3	<3	1	1.19	.012	19	9	.06	85	<.01	<3	.35	.01	.31	<2	31.8
04410	20	17	98	129	3.0	13	10	2097	1.90	21	<8	<2	11	247	2.1	<3	<3	7	3.25	.067	17	10	.42	96	<.01	<3	.64	.01	.36	<2	19.4
04411	19	9	62	65	1.7	9	5	1789	1.49	7	<8	<2	9	180	1.2	<3	<3	3	2.42	.041	13	9	.36	69	<.01	<3	.43	.01	.29	<2	12.0
04412	15	17	58	85	1.1	4	3	655	1.11	6	<8	<2	10	59	2.1	<3	<3	2	.77	.018	10	10	.15	79	<.01	<3	.53	.01	.31	2	14.7
04413	7	5	73	141	1.3	2	1	828	.33	12	24	<2	8	125	4.0	<3	<3	1	1.43	.004	6	9	.01	52	<.01	<3	.24	<.01	.26	3	36.6
STANDARD DS3	8	123	33	155	<.3	37	12	825	3.18	28	8	<2	3	26	5.7	5	6	76	.52	.095	17	190	.60	172	.08	<3	1.69	.03	.16	3	20.4

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

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

Data A FA ___

[redacted]ME [redacted]LYTI[redacted] LA[redacted]TOR[redacted] LTD[redacted] 8[redacted]E. [redacted]ING[redacted]. V[redacted]OUVE[redacted]C V[redacted]1R6[redacted] PH[redacted](604)[redacted]-31[redacted] FAX(604)252-1716
(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103166R

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Ag** gm/mt	Au** gm/mt
04386	128.2	1.92
04387	192.2	2.37
04395	67.0	3.19
RE 04395	67.3	2.93
STANDARD R-1/AU-1	98.8	3.37

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: CORE PULP
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 3 2001 **DATE REPORT MAILED:** Oct 11/01 **SIGNED BY:** .....D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data ✓ FA ___

[redacted]CME [redacted]LYT[redacted] LA[redacted]ATOR[redacted] LT[redacted] [redacted]E. [redacted]ING[redacted]T. [redacted]OUV[redacted]C [redacted]1R6[redacted] P[redacted](60[redacted]3-3[redacted] FA[redacted]:)2[redacted]7/16[redacted]
(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103166R2

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Ag** gm/mt	Au** gm/mt
04392	19.1	.83
04393	2.0	.01
04394	49.1	1.10
04396	27.9	1.04
RE 04396	27.1	1.09
STANDARD R-1/AU-1	101.6	3.33

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: CORE PULP
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: NOV 9 2001 **DATE REPORT MAILED:** Nov 16/01 **SIGNED BY** C. T. D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data___ FA ___

[redacted]TME [redacted]LYT [redacted]LA [redacted]TOR [redacted]LTI [redacted]E. [redacted]ING [redacted]T. V [redacted]DUV [redacted]C [redacted]1R6 [redacted] PH [redacted](60[redacted]3-3[redacted] FAX [redacted]) 25[redacted]716 [redacted]
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103179 Page 1

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
SI	1	3	<3	<1	<.3	<1	<1	5	.04	<2	<8	<2	<2	3	<.2	<3	<3	1	.12	<.001	<1	4	<.01	4	<.01	4	.01	.54	.01	<2	.4
01551	4	10	7	42	<.3	5	8	680	1.86	3	8	<2	15	75	.2	<3	<3	45	1.89	.048	11	11	.81	76	.05	<3	.95	.05	.16	3	1.3
01552	9	11	10	43	.4	2	5	538	1.26	<2	<8	<2	11	58	.3	<3	<3	14	1.34	.027	15	7	.42	73	.01	<3	.72	.04	.24	<2	1.6
01553	11	13	13	39	<.3	4	4	466	1.07	<2	<8	<2	8	61	.2	<3	<3	12	1.36	.022	17	8	.35	83	.02	<3	.62	.04	.26	<2	2.5
01554	29	18	24	49	.3	1	1	403	.92	<2	<8	<2	4	177	.4	<3	<3	1	1.42	.003	25	7	.05	320	.01	3	.43	.05	.27	<2	2.1
01555	4	6	5	35	<.3	3	6	536	.85	3	10	<2	19	225	.2	<3	<3	14	2.35	.020	15	6	.40	176	.01	<3	.60	.07	.11	<2	<.2
01556	4	5	7	29	<.3	2	5	467	1.07	<2	12	<2	19	61	<.2	<3	<3	20	1.57	.024	12	8	.50	45	.03	<3	.67	.05	.14	<2	.2
01557	2	7	9	66	<.3	10	16	1229	3.26	3	<8	<2	8	148	.3	<3	<3	76	3.08	.075	15	28	1.63	121	.03	<3	1.82	.05	.10	<2	1.8
01558	1	6	10	53	<.3	7	12	925	2.43	4	8	<2	8	156	.3	3	<3	57	2.99	.068	15	18	1.32	68	.06	<3	1.49	.05	.11	<2	.9
01559	2	9	11	63	<.3	10	15	1138	3.39	6	<8	<2	6	138	.3	<3	<3	76	3.40	.069	13	27	1.59	85	.08	<3	1.70	.04	.12	<2	.4
01560	1	3	10	51	<.3	6	12	909	2.32	2	<8	<2	9	172	.2	3	<3	55	2.95	.067	15	8	1.06	51	.10	<3	1.22	.07	.01	<2	<.2
RE 01560	1	4	10	49	<.3	6	12	903	2.30	4	<8	<2	9	170	.3	<3	<3	54	2.92	.068	15	8	1.05	50	.10	<3	1.21	.06	.01	<2	<.2
RRE 01560	1	3	7	49	<.3	7	12	913	2.28	4	<8	<2	8	170	.2	3	<3	54	3.01	.067	14	8	1.05	58	.10	<3	1.20	.06	.01	<2	<.2
01561	<1	9	10	80	<.3	10	16	1305	3.74	2	<8	<2	3	130	.6	<3	<3	99	2.64	.085	10	44	1.91	164	.15	6	1.75	.06	.05	2	<.2
01562	2	17	9	64	<.3	8	12	1384	2.54	13	<8	<2	10	125	<.2	5	<3	53	2.84	.068	13	16	1.25	83	.08	3	1.48	.05	.12	<2	7.8
01563	2	4	8	59	<.3	7	11	1737	2.42	6	8	<2	11	111	.3	4	<3	37	2.20	.062	14	14	1.10	1051	.04	<3	1.62	.04	.22	<2	.9
01564	27	2	15	41	2.1	6	9	2666	1.88	60	<8	<2	7	110	<.2	3	<3	15	3.37	.041	8	10	.84	112	<.01	3	1.13	.01	.33	2	181.4
01565	7	3	9	50	<.3	5	12	1356	1.94	7	10	<2	10	69	.3	4	<3	31	1.91	.060	12	11	1.07	256	.03	3	1.36	.03	.24	<2	2.0
01566	1	3	4	42	<.3	6	10	718	2.53	2	9	<2	12	64	<.2	<3	<3	71	1.61	.062	12	16	1.05	186	.10	<3	1.16	.06	.10	<2	.3
01567	2	8	9	44	<.3	6	12	1028	2.67	<2	10	<2	8	152	<.2	<3	<3	64	2.81	.064	17	24	1.12	417	.03	<3	1.30	.05	.21	<2	.7
01568	4	9	9	42	<.3	5	11	938	2.61	2	12	<2	10	219	<.2	3	<3	36	3.53	.065	18	9	1.10	678	<.01	<3	1.14	.03	.28	<2	1.4
01569	4	6	12	41	.3	5	11	947	2.65	<2	<8	<2	8	200	.2	3	<3	37	2.80	.067	20	13	1.10	738	<.01	<3	1.05	.04	.30	<2	2.9
01570	4	16	58	73	2.7	4	10	1801	2.31	34	9	<2	9	223	.9	3	<3	7	3.38	.067	10	6	.81	129	<.01	3	.51	.02	.32	<2	73.6
01571	4	16	22	46	1.6	5	11	1824	2.44	20	<8	<2	9	202	.3	<3	<3	8	3.37	.063	12	9	.89	158	<.01	<3	.56	.02	.36	<2	12.3
01572	3	22	191	237	6.8	4	10	2812	2.36	35	<8	<2	9	197	3.9	4	<3	5	3.93	.062	11	4	.73	125	<.01	3	.67	.01	.34	4	101.2
01573	5	10	88	60	3.1	4	6	1976	1.59	44	8	<2	7	114	.9	<3	<3	5	2.83	.042	9	9	.30	164	<.01	<3	.71	.01	.40	2	58.5
01574	1	7	107	250	6.9	3	10	3177	2.46	31	<8	<2	8	142	4.3	<3	<3	3	3.24	.061	11	2	.59	101	<.01	3	.94	.01	.34	3	435.6
RE 01574	2	8	108	252	6.4	3	9	3205	2.47	33	9	<2	8	143	4.3	<3	<3	4	3.26	.061	12	6	.59	103	<.01	4	.95	.01	.34	3	186.6
RRE 01574	2	7	115	255	7.7	5	9	3246	2.50	33	<8	<2	8	145	4.7	3	3	4	3.32	.061	11	7	.60	107	<.01	<3	.98	.01	.36	3	197.6
01575	5	8	118	74	3.5	1	2	1902	.70	28	<8	<2	7	111	1.5	<3	<3	1	2.45	.013	14	4	.09	454	<.01	5	.36	.01	.34	<2	75.3
01576	6	9	115	104	3.9	2	1	1242	.45	25	12	<2	7	109	3.0	<3	<3	<1	1.87	.006	12	8	.01	423	<.01	6	.29	.01	.33	3	1250.8
01577	4	13	85	197	1.1	1	1	1193	.43	20	<8	<2	6	90	5.4	<3	<3	<1	1.61	.006	13	4	.02	454	<.01	4	.28	.01	.32	3	55.7
01578	7	13	107	91	1.3	2	1	1218	.43	21	8	<2	7	74	2.4	<3	<3	<1	1.49	.006	12	7	.01	474	<.01	<3	.32	.01	.37	2	18.7
01579	8	14	110	104	2.7	<1	1	1130	.35	17	<8	<2	7	68	2.8	<3	<3	<1	1.47	.005	13	4	.01	670	<.01	<3	.32	<.01	.36	2	18.8
STANDARD DS3	9	128	36	161	<.3	36	13	849	3.27	33	8	<2	4	29	5.6	6	5	81	.56	.095	18	166	.62	182	.09	4	1.81	.04	.17	5	21.9

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE R150 60C AU* BY ACID LEACHED, ANALYZE BY ICP-MS. (10 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 17 2001 **DATE REPORT MAILED:** Sept 27/01 **SIGNED BY** ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
01580	7	9	73	107	2.0	1	1	797	.47	20	17	<2	8	59	2.9	<3	4	<1	1.10	.007	14	3	.03	426	<.01	<3	.34	.01	.31	2	87.6
01581	2	17	70	89	1.6	98	23	3132	2.99	28	<8	<2	3	364	1.3	5	3	14	5.15	.089	11	28	1.51	489	<.01	<3	.92	.01	.41	<2	24.6
01582	8	194	1187	3070	25.6	22	5	1429	1.51	1754	<8	<2	7	109	55.6	6	8	4	1.86	.022	6	12	.25	144	<.01	4	.65	.01	.28	36	487.4
01583	13	141	2325	5719	28.4	24	8	1979	3.35	8487	<8	3	7	110	110.5	18	11	6	1.92	.027	7	18	.55	63	<.01	5	1.14	.01	.30	73	2665.4
01584	7	69	255	519	4.0	2	3	626	.99	34	9	<2	9	46	7.5	<3	4	1	.79	.003	10	5	.09	174	<.01	<3	.41	<.01	.29	6	91.1
01585	7	77	237	376	3.0	3	4	379	.78	22	9	<2	10	34	5.3	3	4	<1	.48	.004	12	7	.06	266	<.01	4	.41	.01	.33	5	45.4
01586	3	83	364	1531	7.5	13	7	1924	2.31	21	<8	<2	12	175	16.6	3	14	8	2.89	.046	15	14	.68	94	<.01	4	1.44	.01	.33	17	36.0
01587	<1	143	756	6257	12.8	29	24	2578	6.14	74	<8	<2	9	195	77.8	<3	21	21	3.15	.081	11	23	1.24	82	<.01	<3	2.87	.01	.42	80	1218.9
01588	5	41	154	1034	2.6	25	11	2471	4.45	8	<8	<2	11	132	9.0	<3	11	27	2.20	.084	23	30	1.20	64	<.01	<3	2.54	.02	.34	12	7.1
01589	10	104	548	1280	8.2	21	8	2242	2.31	18	<8	<2	10	244	15.9	3	3	10	3.92	.037	12	19	.66	105	<.01	<3	1.40	.01	.31	14	182.9
01590	9	284	1101	2327	12.9	25	11	2126	2.68	24	<8	<2	9	194	24.9	4	10	18	3.27	.060	13	25	.87	106	<.01	3	1.64	.02	.31	26	276.5
RE 01590	10	275	1029	2224	11.8	24	10	2043	2.58	22	<8	<2	9	187	23.7	4	7	17	3.14	.060	12	28	.83	104	<.01	<3	1.60	.02	.31	27	274.3
RRE 01590	9	281	1097	2287	13.1	25	11	2142	2.74	25	9	<2	10	192	24.7	3	8	19	3.25	.063	13	29	.88	105	<.01	<3	1.65	.02	.30	26	418.0
01591	2	227	1095	1129	12.8	30	12	2161	2.85	9	<8	<2	11	161	11.2	10	18	32	3.18	.079	18	39	1.23	108	<.01	<3	1.99	.04	.28	13	359.7
01592	5	70	627	1066	3.8	23	11	2034	2.99	12	<8	<2	10	151	12.8	4	7	32	2.71	.073	18	31	1.14	81	<.01	3	1.94	.03	.30	12	227.4
01593	2	94	295	778	3.7	26	11	1788	2.67	5	<8	<2	10	111	7.7	3	3	34	2.54	.075	20	38	1.19	97	<.01	<3	1.87	.03	.28	9	183.5
01594	2	82	626	987	10.1	30	11	1824	2.71	4	<8	<2	11	103	9.8	3	16	32	2.49	.082	18	37	1.25	88	.01	<3	1.91	.03	.28	12	134.6
01595	1	430	663	3330	17.7	30	14	2084	2.84	20	<8	3	11	92	36.7	3	15	29	2.89	.080	13	37	1.21	67	<.01	<3	1.82	.03	.25	41	878.9
01596	1	85	75	165	2.4	30	10	1462	2.52	3	<8	<2	11	70	1.0	3	6	33	1.90	.078	18	45	1.24	73	<.01	<3	1.72	.04	.24	3	4.4
01597	<1	104	60	653	3.3	19	14	1628	2.89	9	<8	<2	13	92	5.4	3	<3	25	2.61	.072	13	29	1.13	113	<.01	<3	1.72	.03	.32	7	9.3
01598	2	29	354	357	1.1	5	6	1283	2.03	11	10	<2	15	88	4.4	3	3	20	2.33	.042	19	12	.78	150	<.01	<3	1.38	.03	.32	5	18.6
01601	3	57	300	372	2.2	7	6	1426	2.10	14	9	<2	12	92	5.0	<3	8	21	2.53	.044	16	11	.76	145	<.01	<3	1.30	.03	.27	5	19.6
01602	3	154	139	630	4.7	5	7	1523	2.23	8	<8	<2	13	98	5.3	4	7	19	2.29	.044	19	10	.79	92	<.01	<3	1.52	.02	.30	7	7.8
01603	4	193	184	1220	6.1	5	9	1475	2.15	9	<8	<2	14	86	10.6	4	6	16	2.11	.043	20	9	.63	111	<.01	<3	1.46	.02	.33	14	5.0
01604	3	94	333	1277	5.5	6	9	1626	2.40	72	<8	<2	12	113	13.5	6	9	17	2.33	.045	16	11	.71	93	<.01	<3	1.50	.02	.31	14	89.1
RE 01604	4	91	316	1237	5.2	5	8	1588	2.34	86	<8	<2	12	110	12.9	5	8	16	2.28	.045	17	9	.70	90	<.01	<3	1.47	.02	.30	14	160.0
RRE 01604	3	96	348	1278	5.4	5	8	1602	2.36	81	<8	<2	13	110	13.5	6	6	16	2.29	.045	15	8	.70	93	<.01	<3	1.47	.02	.31	15	77.1
01605	3	171	611	2103	9.8	14	9	1948	2.34	264	<8	<2	13	113	24.8	4	4	11	2.58	.063	15	15	.73	93	<.01	<3	1.44	.01	.37	24	278.2
01606	2	173	356	1990	5.3	8	9	2157	2.51	179	<8	<2	10	102	19.7	3	4	10	2.54	.055	10	7	.79	79	<.01	<3	1.50	.01	.37	22	85.6
01607	2	171	130	2877	4.5	21	11	2137	2.61	123	<8	<2	11	78	26.9	3	5	13	2.09	.070	16	13	.84	90	.01	4	1.68	.01	.44	34	51.6
01608	1	68	48	1780	1.6	27	11	1850	3.07	41	<8	<2	11	76	15.7	5	3	35	2.32	.083	22	38	1.19	87	.01	<3	2.13	.02	.34	19	7.3
01609	2	161	168	2956	11.8	20	11	1432	2.53	146	<8	<2	12	65	27.9	<3	16	27	1.83	.069	18	30	.90	102	.01	<3	1.69	.03	.33	36	25.2
01610	<1	120	75	2490	3.8	25	10	2048	2.95	18	<8	<2	11	91	22.9	3	4	30	2.70	.078	22	29	1.09	59	<.01	<3	1.93	.02	.28	29	3.5
01611	10	23	42	855	.9	25	9	1775	2.89	11	<8	<2	12	64	7.9	<3	<3	36	1.96	.076	22	36	1.18	103	.01	<3	1.99	.03	.30	10	1.3
01612	4	247	256	1487	8.9	9	8	2619	2.18	531	<8	<2	13	90	16.0	9	4	9	2.71	.047	10	8	.80	85	<.01	<3	1.33	.01	.34	17	134.8
STANDARD DS3	9	124	33	151	<.3	35	11	778	3.00	30	<8	<2	4	26	5.5	4	4	73	.51	.091	17	186	.57	164	.08	<3	1.71	.03	.16	4	19.3

Sample type: CORE R150 60C. 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 ___

[redacted]LYT[redacted] LA[redacted]TOR[redacted] LTI[redacted] [redacted]E. [redacted]ING[redacted]T. V[redacted]OUV[redacted]C [redacted]1R6[redacted] PH[redacted](60[redacted]3-3[redacted] FAX[redacted])2[redacted]716[redacted]
(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103179R

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Ag** gm/mt	Au** gm/mt
01576	5.6	.92
01583	28.1	2.71
01587	12.5	1.15
01595	16.0	.90
RE 01595	18.0	.99
STANDARD R-1/AU-1	98.8	3.32

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: CORE PULP
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: NOV 6 2001 **DATE REPORT MAILED:** Nov 9/01 **SIGNED BY.....**D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data FA

[redacted]CME [redacted]ANALYTICAL LABORATORIES LTD [redacted] [redacted]E. [redacted]TING[redacted]T. [redacted]OUV[redacted]C [redacted]1R[redacted] P[redacted](60[redacted]3-3[redacted] FA[redacted]4)2[redacted]716[redacted]
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103180 Page 1

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
SI	<1	<1	<3	3	<.3	1	<1	4	.03	<2	<8	<2	<2	2	<.2	<3	<3	<1	.12	<.001	<1	1	<.01	3	<.01	<3	<.01	.51	<.01	<2	<.2
04414	8	3	94	95	1.0	2	1	367	.40	5	<8	<2	9	42	2.4	<3	<3	1	.47	.007	5	7	.04	58	<.01	<3	.35	.01	.32	<2	13.3
04415	7	2	121	166	.7	5	2	1712	.80	7	<8	<2	7	104	4.2	<3	<3	<1	1.43	.013	7	7	.28	60	<.01	<3	.35	.01	.31	3	5.8
04416	28	61	1753	2640	10.0	56	13	3215	2.80	62	<8	<2	4	171	45.2	7	3	17	3.35	.067	6	41	.81	64	<.01	<3	1.08	.01	.32	28	185.5
04417	16	147	1041	2010	15.8	27	9	2794	2.33	96	8	<2	5	99	32.1	6	5	10	3.24	.055	8	21	.39	55	<.01	<3	.90	.01	.30	23	153.7
04418	18	29	451	642	2.9	15	4	1974	1.71	39	9	<2	6	71	9.8	5	<3	3	2.09	.018	8	12	.37	41	<.01	<3	.83	.01	.26	8	48.9
04419	10	24	177	423	1.3	4	1	1593	.74	23	<8	<2	10	40	6.6	3	<3	<1	.79	.005	10	12	.09	44	<.01	<3	.43	.01	.31	6	30.5
04420	14	87	360	1126	4.7	5	2	1140	.82	29	9	<2	9	29	15.4	3	<3	2	.77	.008	9	7	.13	44	<.01	<3	.41	.01	.28	13	31.2
04421	6	107	226	1924	3.7	157	20	5549	6.47	52	<8	<2	<2	170	19.7	<3	<3	81	4.33	.103	8	206	3.23	80	.02	<3	3.68	.01	.39	21	22.2
04422	5	231	573	5204	9.5	29	12	3382	3.48	47	<8	<2	9	144	51.3	4	6	20	3.20	.064	11	28	1.19	75	<.01	3	1.91	.01	.42	61	17.7
04423	5	88	572	1921	6.0	33	13	3102	3.10	675	<8	<2	10	137	20.0	6	3	17	2.82	.092	17	22	.94	99	<.01	3	1.60	.01	.44	22	298.5
04424	13	92	1353	1864	20.3	17	13	4274	3.38	659	<8	<2	7	159	29.6	10	<3	18	3.76	.081	10	10	.87	89	<.01	<3	1.31	.01	.40	20	995.6
RE 04424	13	89	1350	1809	19.6	16	13	4194	3.31	664	<8	2	7	157	29.0	10	<3	16	3.70	.079	9	9	.85	87	<.01	3	1.26	.01	.39	20	793.1
RRE 04424	13	92	1432	1814	21.5	17	13	4294	3.35	652	<8	<2	6	160	28.8	8	<3	18	3.79	.080	10	12	.88	93	<.01	4	1.32	.01	.41	21	686.9
04425	9	121	4715	3450	70.0	16	16	4267	4.31	2965	<8	<2	5	145	67.2	22	<3	20	3.63	.058	5	10	.90	63	<.01	<3	1.38	.01	.37	43	2015.8
04426	7	60	2881	2164	38.2	20	14	3129	4.09	2876	<8	<2	7	92	36.7	16	<3	21	2.33	.071	6	11	.77	64	<.01	<3	1.34	.01	.46	26	750.3
04427	7	58	1202	1873	13.8	3	3	1359	.96	98	<8	<2	10	28	34.7	4	<3	<1	.66	.005	10	6	.11	47	<.01	<3	.45	.01	.32	20	167.7
04428	6	38	550	1545	6.0	4	2	679	.57	55	9	<2	9	62	27.3	4	<3	<1	.99	.003	8	7	.04	58	<.01	<3	.36	.01	.31	17	82.2
04429	53	51	176	274	2.9	2	2	513	.34	16	<8	<2	9	51	4.7	4	<3	1	.82	.003	11	6	.02	59	<.01	<3	.31	.01	.30	3	25.1
04430	12	34	282	552	15.5	3	1	622	.41	735	<8	<2	10	45	9.5	5	<3	<1	.75	.003	9	10	.02	53	<.01	<3	.35	.01	.33	7	583.0
04431	4	28	160	414	5.7	2	1	614	.38	344	9	<2	9	30	6.8	<3	<3	<1	.46	.003	9	6	.02	49	<.01	5	.32	.01	.30	5	153.6
04432	8	8	173	153	1.6	2	<1	559	.24	26	8	<2	9	32	2.5	<3	<3	<1	.57	.003	12	8	.02	56	<.01	5	.33	.01	.30	3	66.9
04433	7	76	447	1974	107.8	3	1	750	1.18	1230	10	3	11	31	35.2	15	<3	1	.51	.003	8	5	.05	43	<.01	<3	.40	.01	.31	21	2644.3
04434	12	201	878	3932	302.4	4	2	370	1.56	855	<8	4	10	14	79.4	38	3	1	.15	.002	8	9	.05	50	<.01	<3	.44	.01	.33	48	4511.5
04435	12	30	416	1126	3.0	1	1	1181	.81	28	10	<2	8	35	19.6	<3	<3	<1	.90	.003	7	4	.09	40	<.01	3	.45	.01	.31	12	246.0
04436	7	22	297	868	1.6	6	2	1242	.78	4	<8	<2	7	58	13.4	<3	<3	1	1.49	.006	8	10	.22	55	<.01	<3	.61	.01	.33	10	11.0
RE 04436	6	22	298	890	1.6	6	2	1256	.79	6	10	<2	8	58	13.5	4	<3	1	1.51	.007	8	10	.23	56	<.01	4	.61	.01	.33	10	9.2
RRE 04436	5	21	287	842	1.2	6	2	1243	.82	7	<8	<2	8	58	12.8	<3	<3	<1	1.49	.007	8	9	.23	55	<.01	<3	.61	.01	.32	9	6.2
04437	7	87	549	3052	6.3	110	12	4566	6.10	63	<8	<2	3	130	41.7	4	8	59	4.20	.086	9	143	2.08	56	.01	5	3.52	.01	.44	35	10.0
04438	5	60	222	3250	3.2	46	14	2813	2.81	24	<8	<2	8	132	43.6	3	<3	25	3.30	.053	12	49	1.27	58	<.01	3	1.99	.01	.41	39	3.7
04439	3	25	70	292	.7	19	10	4478	2.63	4	<8	<2	10	146	3.0	<3	3	40	5.35	.059	16	32	1.45	48	<.01	<3	1.92	.02	.28	3	1.9
04440	<1	75	38	560	1.0	180	32	3484	5.12	7	<8	<2	<2	199	5.0	<3	<3	118	5.02	.113	9	287	4.07	130	.04	4	4.16	.09	.45	6	2.6
04441	1	126	19	991	1.3	161	28	3047	5.36	6	<8	<2	<2	243	8.6	<3	<3	138	4.25	.112	8	244	4.08	229	.17	<3	4.86	.30	1.00	10	2.8
04442	2	40	22	194	.9	17	11	1939	2.37	2	<8	<2	14	88	1.3	5	<3	41	2.56	.047	20	25	1.89	159	.02	3	2.10	.04	.61	3	1.4
STANDARD DS3	9	126	32	159	<.3	36	13	867	3.26	31	12	<2	4	30	5.7	5	6	81	.57	.095	17	193	.63	162	.10	6	1.80	.04	.18	5	19.2

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE R150 60C AU* BY ACID LEACHED, ANALYZE BY ICP-MS. (10 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 17 2001 **DATE REPORT MAILED:** Sept 28/01 **SIGNED BY** ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data ✓ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
04443	3	86	16	762	1.3	7	10	1673	2.29	4	<8	<2	16	50	7.0	3	<3	48	1.51	.045	12	20	1.35	103	.01	<3	1.69	.05	.20	9	2.9
04444	3	141	283	3893	4.3	5	8	1642	2.78	6	<8	<2	16	58	60.2	<3	4	37	1.46	.045	13	13	1.10	64	.02	<3	1.70	.04	.17	52	3.7
04445	10	85	161	1550	1.5	6	9	1548	2.29	<2	<8	<2	16	55	19.3	4	<3	34	1.39	.045	17	18	1.07	57	.02	<3	1.54	.05	.20	20	2.7
04446	2	36	25	285	.6	4	8	1263	2.03	3	<8	<2	18	60	2.5	<3	<3	38	1.34	.044	15	12	.99	78	.04	4	1.41	.05	.17	5	1.3
04447	3	61	32	510	.6	6	9	1423	2.21	8	<8	<2	17	56	4.8	<3	<3	43	1.48	.043	13	15	1.02	78	.05	<3	1.52	.05	.17	6	1.5
04448	3	21	34	160	<.3	4	7	1180	1.98	7	<8	<2	18	50	1.3	3	<3	40	1.31	.042	13	14	.95	59	.05	<3	1.32	.04	.15	3	1.1
04451	2	15	31	75	<.3	6	9	804	1.92	7	10	<2	20	70	.5	3	<3	39	1.13	.043	13	18	1.04	59	.12	<3	1.36	.05	.11	<2	1.1
04452	2	36	113	184	.5	5	9	897	2.00	10	<8	<2	18	55	1.8	<3	<3	46	1.25	.042	12	11	.99	58	.12	<3	1.16	.05	.10	3	1.3
04453	5	28	19	356	.4	6	9	954	2.13	<2	<8	<2	16	70	3.1	<3	<3	47	1.33	.046	13	19	.99	47	.12	<3	1.31	.05	.11	5	.8
04454	3	53	38	90	.4	29	9	791	2.02	<2	<8	<2	15	83	.6	<3	<3	43	1.51	.047	13	13	.97	54	.09	<3	1.33	.05	.13	<2	.7
RE 04454	3	52	38	90	.5	5	9	798	2.05	<2	8	<2	16	85	.7	3	<3	43	1.53	.048	14	14	.98	54	.09	<3	1.35	.05	.14	2	.9
RRE 04454	4	44	56	85	.4	6	9	776	2.00	<2	<8	<2	15	86	.6	4	<3	45	1.53	.048	14	17	.96	57	.09	5	1.33	.06	.14	<2	1.8
04455	1	37	13	99	<.3	5	9	787	2.00	<2	9	<2	16	88	.7	3	<3	44	1.37	.048	12	14	1.13	50	.13	<3	1.45	.05	.09	2	1.4
04456	4	37	25	155	<.3	6	10	934	2.15	2	<8	<2	14	72	1.6	3	<3	47	1.21	.048	14	18	1.24	51	.12	<3	1.53	.05	.10	2	1.2
04457	2	62	28	716	.9	5	10	968	2.14	<2	8	<2	11	87	8.6	3	<3	43	1.47	.049	12	13	1.13	43	.12	3	1.41	.05	.08	9	.8
04458	3	25	39	184	.4	6	9	992	2.02	2	<8	<2	14	80	1.6	3	<3	41	1.22	.045	11	15	1.12	54	.11	<3	1.49	.05	.10	3	.9
04459	4	40	28	570	.9	5	9	1286	2.20	4	<8	<2	12	55	5.6	4	<3	39	1.16	.047	9	15	1.13	64	.05	<3	1.58	.04	.14	8	.7
04460	15	20	10	106	.4	7	8	1060	1.96	<2	<8	<2	10	84	.5	4	<3	38	1.36	.049	11	15	1.11	42	.08	5	1.57	.05	.10	2	.8
04461	5	32	63	586	.6	6	9	1180	2.25	3	<8	<2	14	68	5.7	3	<3	42	1.13	.051	12	15	1.22	47	.07	<3	1.66	.05	.12	8	.4
04462	3	23	63	219	.6	7	10	1273	2.12	<2	<8	<2	14	95	1.8	4	<3	38	2.07	.050	15	16	1.06	47	.04	<3	1.61	.05	.19	3	.4
STANDARD DS3	10	121	35	158	.3	36	12	813	3.15	29	12	<2	4	29	5.5	6	6	79	.55	.093	18	187	.60	173	.10	3	1.77	.04	.18	4	21.3

Sample type: CORE R150 60C. 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 ___

[redacted]CME [redacted]LYT[redacted] LA[redacted]TOR[redacted] LT[redacted] [redacted]E. [redacted]TINC[redacted]T. Y[redacted]OUV[redacted]C [redacted]1R6[redacted] PH[redacted](604)253-3158 FAX(604)253-1716[redacted]
(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103180R

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Ag** gm/mt	Au** gm/mt
04425	74.0	1.97
04433	105.7	3.15
04434	381.8	4.59
RE 04434	389.5	4.49

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: CORE PULP
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 3 2001 **DATE REPORT MAILED:** Oct 11/01 **SIGNED BY** ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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Data ✓ FA ___

[redacted]CME [redacted]LYT[redacted] LA[redacted]ATOR[redacted] LT[redacted] [redacted]E. [redacted]TING[redacted]T. [redacted]OUV[redacted]C [redacted]1R6[redacted] P[redacted](60[redacted]3-3[redacted] FA[redacted]4)2[redacted]716[redacted]
(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103180R2

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Au** gm/mt
04424	1.05

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: CORE PULP

DATE RECEIVED: OCT 22 2001 **DATE REPORT MAILED:** Oct 24/01 **SIGNED BY** C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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Data [illegible] FA [illegible]

[redacted]ME [redacted]YTI [redacted]LAI [redacted]TOR [redacted]LTD [redacted] 8[redacted]E. H[redacted]INGS [redacted]. V[redacted]UVE[redacted]C V[redacted]1R6 [redacted] PH[redacted]604[redacted]-31[redacted]FAX[redacted])25[redacted]16 [redacted]

(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103180R3

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Ag** gm/mt	Au** gm/mt
04424	19.7	-
04426	36.3	.96
RE 04426	35.1	.96

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: CORE PULP
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: NOV 2 2001 **DATE REPORT MAILED:** Nov 7/01 **SIGNED BY:** C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data ✓ FA ___

[redacted]CME [redacted]LYT[redacted] LA[redacted]ATOR[redacted] LT[redacted] [redacted]E. [redacted]TING[redacted]T. V[redacted]OUV[redacted]C [redacted]1R6[redacted] P[redacted](60[redacted]3-3[redacted] FAX[redacted]4)2[redacted]716[redacted]
(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103180R4

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Ag** gm/mt	Au** gm/mt
04430	15.2	.50

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: CORE PULP

DATE RECEIVED: NOV 9 2001 **DATE REPORT MAILED:** Nov 16/01 **SIGNED BY.....** D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data___ FA ___

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

GEOCHEMICAL ANALYSIS CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103216

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
SI	<1	4	<3	8	<.3	<1	<1	20	.07	<2	<8	<2	<2	3	<.2	<3	<3	1	.14	<.001	1	<1	.01	6	<.01	<3	.03	.54	.01	<2	<.2
01599	57	2107	25530	22573	284.3	2326	50	1141	7.38	36241	<8	4	<2	21	518.5	927	40	37	.49	.008	3	2713	.18	48	<.01	6	.65	<.01	.19	9	8635.5
01600	1	19	4	39	<.3	25	6	333	1.72	4	<8	<2	<2	31	.4	<3	<3	46	.67	.046	4	32	.68	73	.11	3	1.06	.07	.11	<2	1.0
01613	6	263	914	2198	21.1	7	6	2016	2.89	1025	<8	<2	13	93	34.8	12	3	6	2.44	.041	4	6	.25	53	<.01	<3	.76	.01	.39	<2	705.1
01614	2	118	99	1655	4.1	4	8	3862	2.34	81	<8	<2	15	153	17.2	3	<3	10	3.47	.043	14	6	.80	60	<.01	<3	1.24	.01	.34	<2	48.0
01615	6	139	197	1991	5.4	5	9	1929	2.80	67	<8	<2	16	96	20.0	<3	4	13	2.06	.046	17	7	.72	82	<.01	3	1.49	.01	.35	<2	18.0
01616	4	226	644	3814	27.5	9	11	1082	2.80	2225	9	<2	13	46	58.2	10	5	7	1.01	.042	6	6	.36	66	<.01	<3	.95	.01	.36	<2	456.5
01617	4	158	574	2704	8.3	10	8	1597	2.57	651	<8	<2	14	74	33.7	3	3	5	1.81	.038	6	8	.58	49	<.01	<3	1.03	.01	.27	<2	258.2
01618	2	158	1108	2645	11.3	5	8	1053	2.68	2867	<8	<2	13	39	39.4	10	<3	8	1.00	.044	5	5	.21	52	<.01	<3	.67	.01	.35	<2	515.6
01619	2	128	361	2606	6.7	5	8	2429	2.81	1086	<8	<2	13	73	32.3	6	3	8	2.41	.042	5	6	.59	57	<.01	<3	.94	.01	.34	<2	420.8
01620	6	40	332	1619	3.5	6	6	1410	3.34	440	<8	<2	13	68	20.3	<3	<3	13	1.30	.041	5	4	.52	79	<.01	<3	1.18	.01	.40	<2	305.8
RE 01620	6	39	346	1628	3.4	6	6	1415	3.35	422	<8	<2	12	68	20.5	<3	3	13	1.31	.041	5	4	.52	80	<.01	<3	1.20	.01	.40	<2	305.9
RRE 01620	5	40	323	1664	3.7	6	6	1403	3.23	396	<8	<2	13	67	21.0	<3	3	11	1.30	.042	5	6	.52	67	<.01	5	1.10	.01	.33	<2	263.4
01621	6	53	263	1016	4.1	5	6	1727	2.90	211	<8	<2	14	68	13.3	<3	3	13	1.70	.045	9	4	.61	85	<.01	<3	1.34	.01	.40	<2	102.9
01622	9	109	212	1099	3.5	6	9	1537	2.97	35	<8	<2	13	65	11.0	<3	4	18	1.58	.047	17	8	.60	110	<.01	<3	1.60	.01	.35	<2	11.4
01623	2	40	88	852	2.3	4	9	1708	2.73	24	<8	<2	14	71	8.2	<3	5	32	1.98	.043	18	8	.78	92	<.01	3	1.58	.03	.31	<2	9.6
01624	2	14	69	1362	1.0	41	16	3013	5.15	54	<8	<2	<2	113	12.0	<3	<3	66	3.05	.094	13	59	1.96	107	.02	<3	3.09	.01	.45	<2	6.0
01625	4	83	277	2347	4.2	5	9	2361	2.01	979	<8	<2	17	133	25.5	3	5	8	2.70	.034	11	5	.55	60	<.01	<3	1.10	.01	.33	<2	478.8
01626	3	54	530	1140	4.3	4	8	2606	2.31	663	<8	<2	15	127	13.8	<3	<3	10	2.94	.041	11	3	.77	65	<.01	4	1.28	.01	.32	<2	718.0
01627	3	151	1972	5005	11.9	4	7	1675	3.40	1037	<8	<2	11	73	72.9	4	4	16	1.84	.045	5	6	.53	61	<.01	<3	1.29	.01	.39	<2	135.9
01628	3	201	1360	6322	11.2	5	9	2036	3.01	1051	<8	<2	13	86	87.2	<3	7	16	2.25	.044	9	8	.66	56	<.01	3	1.35	.01	.31	<2	243.3
01629	11	70	765	1378	3.6	4	8	1668	2.89	32	<8	<2	13	54	19.2	<3	4	25	1.62	.046	13	6	.78	67	<.01	<3	1.59	.02	.33	<2	26.3
01630	15	33	96	1227	1.8	5	9	1639	2.80	13	<8	<2	14	53	13.1	<3	5	31	1.53	.048	18	11	.88	81	<.01	<3	1.66	.03	.30	<2	10.1
STANDARD DS3	9	122	38	156	<.3	38	11	818	3.14	30	<8	<2	3	27	5.6	5	5	78	.53	.093	17	187	.60	172	.09	3	1.74	.04	.17	4	21.6

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE R150 60C AU* BY ACID LEACHED, ANALYZE BY ICP-MS. (10 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 19 2001 **DATE REPORT MAILED:** Sept 29/01 **SIGNED BY** ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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[redacted]ME [redacted]LYT[redacted] LA[redacted]TOR[redacted] LTD[redacted] [redacted]E. [redacted]ING[redacted]. V[redacted]DUVE[redacted]C [redacted]1R6[redacted] PH[redacted](604[redacted]3-3[redacted]FAX[redacted])25[redacted]716[redacted]
(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103216R
2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Ag** gm/mt	Au** gm/mt
01613	22.6	.77
01618	12.0	.51
01626	4.0	.99
RE 01626	4.7	.78

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: CORE PULP
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: NOV 9 2001 **DATE REPORT MAILED:** Nov 16/01 **SIGNED BY**.....D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

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[illegible]ME [illegible]LYT[illegible] LA[illegible]TOR[illegible] LTI[illegible] [illegible]E. [illegible]ING[illegible]. V[illegible]OUV[illegible]C [illegible]1R6[illegible] PH[illegible](60[illegible]3-3[illegible] FAX[illegible])25[illegible]716[illegible]
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103217 Page 1

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
SI	<1	1	<3	2	<.3	1	<1	3	.03	3	<8	<2	<2	2	.2	<3	<3	1	.09	<.001	<1	4	<.01	3	<.01	<3	.01	.40	<.01	<2	<.2
04349	52	1981	20333	21435	296.3	2265	46	1130	7.04	33168	<8	<2	2	22	509.2	1012	50	38	.47	.009	5	2573	.17	52	<.01	3	.69	<.01	.21	<2	9039.0
04350	1	18	6	37	<.3	25	5	313	1.61	5	<8	<2	<2	29	<.2	<3	<3	41	.61	.045	4	33	.65	71	.10	<3	1.04	.07	.10	<2	1.0
04399	47	1980	21383	21457	349.1	1920	40	1094	6.84	34633	<8	3	<2	22	508.3	1011	43	35	.47	.010	5	2161	.17	51	<.01	<3	.67	<.01	.20	<2	8979.0
04400	2	19	8	38	<.3	26	6	320	1.64	7	<8	<2	<2	30	.2	<3	<3	42	.63	.046	3	35	.66	75	.10	7	1.08	.07	.11	2	.5
04449	53	1968	20153	21359	295.2	2234	46	1119	6.85	34015	<8	<2	2	22	504.1	1001	44	38	.47	.009	5	2546	.17	50	<.01	3	.67	<.01	.20	<2	9038.7
04450	2	19	7	43	<.3	26	6	338	1.74	7	<8	<2	<2	32	.2	<3	<3	44	.65	.048	5	36	.69	80	.10	3	1.14	.08	.12	2	<.2
04463	2	8	13	145	<.3	6	9	1066	1.87	4	<8	<2	12	66	.7	4	<3	31	1.44	.050	12	18	1.07	59	.02	<3	1.56	.08	.18	2	<.2
04464	70	92	137	1123	2.6	5	9	662	1.60	8	<8	<2	13	44	11.1	<3	3	16	.89	.048	19	11	.31	72	.01	<3	1.13	.02	.48	<2	3.8
04465	18	108	660	1355	2.8	6	11	811	2.14	14	<8	<2	13	58	17.1	6	3	30	.74	.051	17	11	.88	53	.01	4	1.54	.04	.33	<2	17.0
04466	3	22	31	127	.3	5	9	898	1.97	14	<8	<2	14	65	.8	<3	<3	36	1.03	.048	15	14	1.11	54	.04	<3	1.41	.06	.12	2	3.1
04467	2	18	31	101	<.3	6	8	955	2.24	14	<8	<2	13	65	.5	4	<3	43	.97	.049	12	16	1.16	63	.06	<3	1.51	.05	.13	3	4.0
04468	2	17	34	70	<.3	6	9	816	2.20	10	<8	<2	13	58	.2	3	<3	46	1.19	.049	13	17	1.17	57	.06	4	1.41	.05	.12	2	3.0
RE 04468	2	17	31	68	<.3	5	9	792	2.15	10	<8	<2	14	56	.4	4	<3	44	1.15	.048	12	15	1.13	56	.06	<3	1.35	.05	.11	<2	4.9
RRE 04468	2	19	24	70	<.3	5	9	821	2.24	11	8	<2	13	61	.3	<3	<3	47	1.21	.049	13	17	1.16	68	.06	<3	1.46	.06	.14	2	4.6
04469	12	39	112	159	.5	6	11	742	2.09	15	<8	<2	14	57	1.1	3	<3	34	1.13	.051	16	19	1.08	64	.03	<3	1.44	.06	.18	<2	5.0
04470	2	37	36	165	.4	6	10	1015	2.24	5	<8	<2	13	54	2.0	3	<3	41	1.40	.051	14	16	1.06	78	.02	<3	1.52	.05	.18	<2	4.5
04471	3	46	51	352	.9	6	9	1111	2.28	5	<8	<2	14	60	5.3	4	<3	46	1.46	.052	13	14	1.12	74	.05	<3	1.63	.05	.15	<2	4.3
04472	4	50	240	925	1.7	7	9	944	2.60	37	<8	<2	14	45	5.0	4	<3	47	.71	.050	18	14	1.00	94	.01	<3	1.65	.04	.19	<2	258.4
04473	3	7	22	90	<.3	6	9	1048	2.02	4	<8	<2	11	76	.5	4	3	40	1.70	.052	13	19	1.11	79	.06	<3	1.49	.05	.13	2	11.5
04474	2	21	50	211	.4	6	10	1074	2.25	7	<8	<2	13	80	2.1	3	<3	43	1.56	.051	13	18	1.11	82	.05	<3	1.64	.05	.19	<2	5.2
04475	11	106	377	1269	3.6	5	11	1322	2.58	435	<8	<2	12	57	15.7	4	<3	36	1.79	.051	14	13	.75	75	.01	<3	1.62	.03	.34	<2	156.4
04476	3	20	17	112	<.3	6	8	1210	2.33	8	<8	<2	12	70	.5	<3	<3	47	1.90	.051	15	17	1.13	84	.04	<3	1.60	.05	.22	2	2.6
04477	2	43	128	468	.7	5	13	1066	2.48	9	<8	<2	13	65	6.2	3	3	48	1.63	.051	15	15	1.13	66	.03	<3	1.53	.05	.15	<2	22.8
04478	2	24	85	154	.4	5	10	951	2.40	3	<8	<2	13	57	1.6	<3	<3	59	1.57	.051	11	16	1.09	75	.09	<3	1.42	.07	.12	<2	4.0
04479	1	12	53	206	<.3	79	19	1908	3.77	<2	<8	<2	4	107	1.8	5	<3	94	3.24	.118	7	151	2.53	125	.14	<3	2.80	.13	.40	<2	2.3
04480	4	98	14	99	1.0	5	9	845	2.08	2	<8	<2	21	70	.8	3	<3	50	1.44	.048	15	16	1.07	86	.11	<3	1.41	.08	.13	3	1.6
RE 04480	5	92	20	95	.9	5	9	793	1.96	3	<8	<2	19	64	.7	3	<3	46	1.35	.045	14	12	1.01	75	.11	<3	1.27	.07	.11	3	2.0
RRE 04480	4	96	20	106	.8	6	9	864	2.10	2	<8	<2	20	66	1.0	4	<3	51	1.45	.049	15	19	1.11	76	.11	<3	1.41	.07	.12	3	2.4
04481	18	154	84	273	1.9	32	16	2012	3.82	7	<8	<2	8	80	2.2	3	<3	90	2.39	.119	9	52	2.31	109	.16	3	2.64	.08	.16	<2	3.8
04482	3	94	42	253	1.6	6	11	1209	2.12	3	<8	<2	13	65	2.4	<3	<3	37	1.53	.046	9	17	1.10	73	.06	<3	1.53	.07	.17	<2	36.7
04483	4	57	103	586	1.4	4	8	1426	2.09	<2	<8	<2	13	70	6.8	3	<3	29	2.22	.045	13	13	.93	51	.03	<3	1.48	.05	.26	<2	2.1
04484	4	51	46	600	.9	5	9	1152	2.10	2	<8	<2	15	52	6.2	3	<3	40	1.34	.046	10	17	1.05	65	.07	<3	1.46	.06	.14	<2	2.3
04485	3	43	39	687	.7	5	8	1131	2.06	<2	<8	<2	15	61	6.8	<3	3	35	1.48	.043	13	12	.94	91	.04	<3	1.52	.08	.24	<2	2.3
STANDARD DS3	9	125	33	149	<.3	37	12	781	3.03	28	<8	<2	4	26	5.5	5	6	73	.50	.090	17	186	.57	168	.08	3	1.71	.03	.16	5	20.3

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE R150 60C AU* BY ACID LEACHED, ANALYZE BY ICP-MS. (10 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 19 2001 **DATE REPORT MAILED:** Sept 29/01 **SIGNED BY** ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
04486	5	56	31	777	.7	5	8	1346	2.39	<2	<8	<2	13	84	8.2	<3	3	36	2.00	.049	15	13	1.06	68	.02	<3	1.58	.05	.25	3	3.3
04487	6	138	147	1420	2.0	5	8	1535	2.58	2	<8	<2	14	79	18.7	<3	<3	32	2.13	.047	19	13	.97	58	<.01	<3	1.58	.04	.28	<2	2.8
04488	12	166	280	2103	2.8	7	9	1862	3.30	4	<8	<2	16	83	29.9	<3	<3	44	2.59	.057	24	12	1.08	56	<.01	<3	1.85	.04	.26	<2	30.1
04489	112	707	2074	15799	20.4	20	22	2092	7.82	16	<8	<2	11	110	297.3	<3	17	70	3.63	.103	32	36	1.07	28	<.01	<3	2.20	.04	.19	<2	139.3
04490	46	287	1139	6027	13.0	14	22	1835	6.70	16	<8	<2	5	107	93.2	<3	10	73	3.34	.229	15	19	1.90	53	.09	<3	2.65	.04	.28	<2	28.4
04491	5	43	22	161	<.3	23	17	1380	3.42	<2	<8	<2	6	116	1.2	<3	4	81	3.23	.109	12	45	2.13	52	.14	<3	2.28	.05	.13	4	1.8
04492	3	64	82	219	1.0	22	15	1053	2.97	<2	<8	<2	5	90	2.2	<3	<3	82	1.90	.113	10	43	1.70	55	.18	<3	1.83	.08	.11	2	1.3
04493	3	45	36	330	.4	29	16	984	2.84	3	<8	<2	5	70	3.3	<3	<3	73	1.46	.118	8	57	1.66	69	.16	<3	1.68	.07	.09	<2	1.4
04494	3	95	43	1470	1.0	13	11	1079	2.77	9	<8	<2	10	47	19.3	<3	<3	53	1.45	.071	13	28	1.26	72	.11	<3	1.60	.05	.14	<2	1.1
04495	3	37	39	915	.6	11	12	1102	3.12	6	<8	<2	9	53	11.4	<3	3	75	1.63	.087	12	29	1.32	56	.12	<3	1.79	.07	.11	5	.9
04496	4	37	36	273	.9	5	6	896	2.17	6	<8	<2	13	33	3.3	<3	3	44	1.22	.047	17	16	.71	89	.07	<3	1.10	.07	.15	<2	1.6
RE 04496	4	37	36	271	.6	5	6	902	2.19	6	<8	<2	13	33	3.4	<3	<3	46	1.23	.047	17	14	.71	91	.07	<3	1.09	.07	.16	<2	1.3
RRE 04496	4	40	39	281	.9	5	6	946	2.24	6	10	<2	13	32	3.3	<3	3	47	1.26	.049	16	17	.75	73	.07	<3	1.12	.05	.14	2	1.8
04497	6	52	45	280	.7	5	6	764	1.94	5	<8	<2	13	36	3.4	<3	3	37	1.27	.037	17	13	.61	111	.07	<3	1.00	.07	.16	2	2.1
04498	2	23	20	410	.3	6	10	859	2.66	5	<8	<2	10	67	4.7	<3	<3	72	1.49	.065	11	20	1.14	67	.13	3	1.39	.06	.09	2	1.4
04499	57	2190	24907	23635	196.8	2214	48	1205	7.66	31431	<8	7	2	23	542.2	1007	43	38	.52	.010	6	2552	.19	47	<.01	7	.73	<.01	.20	8	9600.0
04500	3	19	4	44	<.3	28	6	356	1.84	3	<8	<2	<2	36	.2	<3	<3	49	.73	.049	5	39	.71	81	.11	4	1.21	.09	.12	2	1.3
04501	2	12	18	249	1.5	6	8	764	2.57	4	<8	<2	11	60	2.5	<3	4	71	1.31	.060	12	15	1.01	70	.12	<3	1.20	.08	.10	<2	1.9
04502	4	77	26	234	1.0	19	16	972	2.92	4	<8	<2	5	71	2.1	<3	<3	73	1.78	.112	8	35	1.52	62	.15	<3	1.68	.07	.08	2	1.9
04503	4	84	16	213	.9	22	17	966	3.12	3	<8	<2	5	73	1.8	<3	<3	89	1.73	.119	8	34	1.56	80	.16	<3	1.81	.09	.10	<2	2.2
04504	14	162	101	5882	2.4	40	22	2087	6.45	8	<8	<2	4	164	78.7	<3	6	88	4.25	.128	22	58	2.04	260	.02	<3	3.16	.02	.26	<2	3.0
04505	2	39	15	124	<.3	18	15	913	2.69	2	<8	<2	4	72	.9	<3	3	70	1.93	.142	9	39	1.50	107	.15	<3	1.65	.09	.11	3	3.4
04506	2	54	19	111	<.3	13	17	1113	3.21	<2	<8	<2	4	73	.4	<3	<3	79	1.70	.170	11	21	1.70	48	.15	<3	1.85	.07	.08	3	2.9
04507	3	28	44	296	.4	18	17	1212	3.17	2	<8	<2	5	82	2.4	<3	<3	70	1.78	.134	11	39	1.88	48	.16	<3	2.08	.07	.10	2	2.2
04508	7	12	31	148	<.3	4	4	502	1.53	<2	<8	<2	19	32	1.9	<3	<3	27	.80	.050	23	16	.47	53	.09	<3	.68	.06	.12	5	1.9
04509	6	23	16	101	<.3	5	4	542	1.55	<2	10	<2	17	39	.8	<3	<3	26	.86	.048	24	13	.53	60	.11	4	.79	.07	.13	3	1.2
04510	5	17	35	99	<.3	35	15	743	2.48	<2	<8	<2	3	73	.3	<3	<3	56	1.34	.142	7	50	1.61	65	.15	<3	1.75	.10	.08	3	1.5
STANDARD DS3	10	122	37	155	<.3	37	12	812	3.14	31	9	<2	3	26	5.5	5	6	75	.51	.096	17	183	.59	163	.08	<3	1.70	.03	.16	7	20.0

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

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

Data___ FA ___

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

GEOCHEMICAL ANALYSIS CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103335 Page 1

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
SI	<1	2	<3	1	<.3	1	<1	2	.03	5	<8	<2	<2	1	<.2	<3	<3	2	.05	<.001	<1	5	<.01	2	<.01	4	.01	.23	<.01	<2	1.5
1631	3	124	1180	2928	8.7	5	9	1348	2.90	551	<8	<2	13	42	45.1	3	5	22	1.13	.041	10	30	.57	128	.01	4	1.70	.02	.56	<2	555.9
1632	10	113	663	2971	5.4	5	9	1543	2.94	126	<8	<2	13	45	44.3	3	5	22	1.31	.039	13	22	.62	77	<.01	<3	1.64	.02	.45	<2	218.3
1633	37	139	774	3056	5.0	14	13	2076	3.55	22	<8	<2	10	60	41.6	<3	7	43	1.47	.061	18	35	1.02	109	.01	<3	1.97	.04	.44	<2	19.6
1634	19	38	201	1078	.8	33	17	3424	3.54	10	<8	<2	3	67	11.4	3	4	68	1.99	.119	15	64	1.32	107	.12	<3	2.28	.04	.77	<2	59.0
1635	16	298	2525	5688	14.2	17	13	2860	4.99	97	<8	<2	8	85	91.6	5	12	47	2.27	.061	13	40	.73	81	.06	3	1.89	.03	.61	<2	121.4
1636	12	84	263	978	3.0	5	8	2018	2.72	11	<8	<2	14	79	12.6	3	4	28	2.25	.043	19	29	.65	85	.01	<3	1.61	.02	.51	<2	7.6
1637	6	103	408	2021	3.3	5	9	2018	2.94	4	<8	<2	14	117	26.4	<3	5	29	2.35	.044	19	44	.79	77	<.01	<3	1.72	.02	.48	<2	10.4
1638	7	209	551	4230	6.9	5	9	2171	3.59	37	<8	<2	11	123	79.3	<3	7	27	1.85	.041	9	27	.61	74	.01	<3	1.87	.01	.56	<2	105.9
1639	21	869	790	3727	495.9	6	13	2249	4.01	1368	<8	2	9	180	75.2	36	22	24	2.78	.034	7	40	.61	61	.01	<3	1.83	.02	.54	<2	2547.6
1640	36	294	691	3057	12.7	8	13	2954	3.99	89	<8	<2	9	177	53.1	<3	13	31	3.39	.047	11	32	.80	55	<.01	<3	1.79	.02	.45	<2	761.4
RE 1640	35	288	675	3027	12.6	8	13	2906	3.93	89	<8	<2	9	174	52.3	3	12	32	3.34	.046	11	30	.79	54	<.01	<3	1.79	.02	.45	<2	755.2
RRE 1640	36	283	653	2916	12.8	10	13	2870	3.87	95	<8	<2	9	171	49.7	<3	10	34	3.28	.045	11	40	.79	57	<.01	<3	1.81	.02	.48	<2	1226.5
1641	18	187	562	2240	9.1	30	16	2573	4.42	57	<8	<2	10	100	42.7	4	12	60	2.69	.060	15	80	1.28	95	.03	<3	2.38	.02	.66	<2	1603.4
1642	10	66	246	1105	1.9	7	9	1647	2.91	5	9	<2	14	64	13.2	<3	<3	26	1.61	.045	20	50	.60	83	.01	<3	1.84	.02	.58	<2	20.0
1643	7	70	787	2638	3.3	5	8	1276	2.48	4	<8	<2	17	52	36.0	<3	4	20	1.21	.039	22	35	.55	88	.01	3	1.72	.02	.58	<2	220.6
1644	5	396	1910	3086	26.1	7	10	1403	3.52	8	<8	<2	14	42	48.7	3	32	29	.98	.040	18	47	.60	75	.01	<3	1.89	.02	.56	<2	59.8
1645	36	5419	6340	14797	132.9	12	35	2155	11.39	49	<8	<2	6	148	300.1	7	96	102	3.42	.049	14	41	.81	44	.01	<3	2.74	.02	.39	<2	266.3
1646	20	332	4783	3998	79.1	14	7	988	6.70	20866	<8	6	4	41	97.8	86	<3	21	1.41	.041	11	77	.19	49	.01	4	1.05	.01	.45	2	4384.9
1647	14	360	3547	8254	34.5	12	9	1671	6.80	19061	<8	15	4	22	162.5	41	10	21	.98	.035	11	49	.37	43	.01	3	1.43	.01	.40	<2	11332.1
1648	4	174	1245	1512	34.6	11	10	1359	3.70	11330	<8	3	10	49	29.7	19	17	41	1.13	.061	12	57	.93	74	.03	<3	1.56	.05	.26	<2	2422.7
1649	50	2075	19041	22429	306.5	1680	42	1113	7.26	30262	<8	6	<2	23	528.2	1056	39	36	.49	.009	6	2026	.18	43	<.01	6	.67	<.01	.21	2	8985.0
1650	1	15	6	30	<.3	22	6	281	1.47	6	<8	<2	<2	17	<.2	<3	<3	35	.45	.047	3	20	.62	30	.06	<3	.76	.02	.05	<2	1.1
1652	5	34	81	430	1.3	23	16	1612	3.46	51	<8	<2	5	111	5.3	<3	<3	76	2.95	.100	12	74	1.83	58	.16	<3	2.25	.07	.21	<2	34.0
1653	15	37	128	628	.9	24	21	2032	3.87	29	<8	<2	4	116	7.5	3	<3	86	2.86	.108	7	70	1.95	57	.18	4	2.52	.10	.12	<2	7.2
1654	16	58	136	671	.8	7	14	1170	2.90	14	<8	<2	7	86	8.0	<3	<3	67	1.50	.074	9	36	1.39	58	.15	4	1.84	.12	.16	<2	47.7
RE 1654	14	55	132	644	1.0	6	14	1110	2.75	12	<8	<2	7	79	7.6	3	<3	64	1.40	.070	9	31	1.32	55	.14	6	1.74	.11	.15	<2	46.3
RRE 1654	16	54	132	616	1.0	8	14	1140	2.84	9	<8	<2	7	85	7.2	<3	<3	67	1.46	.073	9	41	1.35	59	.14	<3	1.82	.12	.16	<2	37.7
1655	5	32	16	104	.4	5	12	970	2.64	5	<8	<2	7	71	.8	<3	<3	83	1.29	.072	9	37	1.13	56	.14	<3	1.51	.12	.11	2	8.6
1656	5	17	17	65	<.3	6	10	786	2.47	5	<8	<2	6	90	.5	<3	<3	84	1.29	.074	10	44	.95	56	.15	3	1.43	.14	.11	2	6.6
1657	5	19	19	95	<.3	5	12	1090	2.82	14	<8	<2	8	87	.7	<3	<3	74	1.63	.067	9	34	1.33	44	.15	<3	1.66	.09	.11	3	9.1
1658	2	28	33	92	<.3	8	14	1045	3.14	4	<8	<2	7	91	.7	<3	<3	91	1.75	.076	10	40	1.60	48	.16	4	1.91	.12	.12	3	4.0
1659	4	33	16	163	<.3	5	12	834	2.77	6	<8	<2	8	80	1.8	<3	<3	85	1.66	.070	12	35	1.26	53	.13	<3	1.51	.09	.12	<2	3.2
1660	<1	9	38	4121	.7	5	8	4173	1.52	<2	<8	<2	13	141	54.8	<3	7	32	2.47	.053	12	28	.58	98	.11	<3	.90	.20	.02	<2	4.7
STANDARD DS3	10	130	36	163	<.3	35	12	856	3.32	31	12	<2	4	29	5.5	6	6	83	.57	.098	19	189	.63	153	.09	3	1.86	.04	.18	6	20.6

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE R150 60C AU* BY ACID LEACHED, ANALYZE BY ICP-MS. (10 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 24 2001 **DATE REPORT MAILED:** Oct 9/01 **SIGNED BY**.....D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
1661	1	4	22	693	.3	4	8	3593	2.38	7	<8	<2	13	174	6.3	<3	3	59	3.43	.053	15	28	.99	204	.09	<3	1.12	.08	.02	<2	1.0
1662	1	3	24	611	.5	6	7	2562	1.92	8	<8	<2	12	189	5.3	<3	<3	50	3.01	.053	10	32	.86	56	.10	<3	1.08	.09	.01	<2	2.6
1663	1	3	28	416	.4	4	5	1986	1.46	5	<8	<2	12	151	4.3	<3	<3	45	2.50	.056	11	26	.49	16	.12	<3	.77	.09	<.01	<2	1.2
1664	1	6	41	408	.9	4	6	2623	1.70	4	<8	<2	16	124	6.4	<3	<3	48	3.03	.056	14	29	.70	17	.12	<3	.84	.09	.01	<2	2.1
1665	1	2	17	189	.3	3	6	2265	1.98	7	<8	<2	11	188	1.6	<3	<3	45	3.10	.050	9	26	.83	17	.10	<3	1.17	.08	.02	<2	1.0
1666	<1	2	44	184	2.2	4	5	1861	1.54	6	<8	<2	19	128	2.1	<3	8	39	2.89	.031	16	26	.56	13	.03	<3	.88	.10	.04	<2	3.5
1667	2	4	9	140	.3	5	7	2077	2.16	7	<8	<2	16	139	.7	<3	<3	51	3.42	.044	15	27	.94	27	.03	<3	1.17	.08	.07	<2	1.7
1668	1	20	4	169	.4	17	9	1454	2.89	10	<8	<2	4	107	.8	<3	<3	68	1.90	.109	12	53	1.41	164	.14	<3	1.63	.10	.20	<2	4.9
RE 1668	1	21	5	173	.3	19	10	1467	2.94	11	<8	<2	4	110	.7	<3	<3	69	1.94	.111	12	54	1.43	165	.14	<3	1.66	.10	.20	<2	5.1
RRE 1668	2	20	4	171	.3	17	10	1479	2.96	11	<8	<2	5	107	.8	<3	<3	70	1.97	.113	11	49	1.46	156	.14	<3	1.65	.10	.19	<2	4.7
1669	1	29	11	376	.6	21	9	2185	2.92	20	<8	<2	4	126	2.1	<3	<3	68	2.93	.118	13	55	1.55	60	.11	<3	1.69	.08	.14	<2	14.7
1670	6	92	13	153	2.5	18	14	1748	3.40	28	<8	<2	5	140	1.9	<3	<3	54	3.38	.104	12	46	1.46	182	.07	4	1.81	.05	.31	5	55.1
1671	1	23	9	263	.6	19	10	2199	3.40	10	<8	<2	6	160	1.5	<3	3	65	3.63	.109	17	45	1.58	428	.03	<3	1.86	.07	.19	<2	3.6
1672	1	7	10	217	.4	5	8	2660	2.43	12	<8	<2	13	178	1.9	<3	<3	32	4.54	.058	10	25	.94	476	.01	<3	1.30	.04	.26	<2	7.3
1673	3	49	5	68	1.2	10	13	979	3.73	15	<8	<2	11	83	.9	<3	<3	67	1.93	.062	13	53	1.10	89	.07	<3	1.48	.06	.20	7	9.1
1674	2	5	11	49	.9	6	12	3837	2.68	31	<8	<2	11	105	.5	<3	3	24	3.15	.071	13	32	1.27	152	.02	<3	1.61	.02	.31	<2	11.0
1675	2	10	5	43	<.3	9	10	723	2.43	7	<8	<2	11	87	.3	<3	<3	66	1.48	.067	13	59	.96	152	.10	<3	1.26	.08	.14	<2	.9
1676	3	6	10	57	.5	8	10	2008	2.45	49	<8	<2	11	102	.2	<3	<3	26	3.19	.062	11	37	1.32	174	.01	<3	1.53	.02	.27	<2	20.0
1677	2	12	7	53	<.3	8	10	628	2.57	7	<8	<2	10	82	.4	<3	<3	73	1.45	.068	12	53	1.02	99	.12	<3	1.23	.09	.12	<2	3.3
STANDARD DS3	10	124	36	157	<.3	36	12	794	3.15	33	<8	<2	4	27	5.7	5	4	81	.54	.095	19	189	.60	153	.09	3	1.75	.03	.17	5	23.7

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

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

Data A FA ___

[redacted]ME [redacted]YTI [redacted]LA[redacted]TOR[redacted]LTD[redacted] 8[redacted]E. [redacted]ING[redacted]. V[redacted]UVE[redacted]C [redacted]1R6[redacted] PH[redacted]604[redacted]-3[redacted]FAX[redacted])25[redacted]16[redacted]
(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103335R

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Ag** gm/mt	Au** gm/mt
1639	522.6	2.93
1641	8.0	1.72
1642	2.0	<.01
1645	151.4	.32
1646	73.0	5.48
1647	32.0	13.94
1648	35.0	3.13
RE 1648	34.5	2.96
STANDARD R-1/AU-1	100.1	3.09

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: CORE PULP
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 11 2001 **DATE REPORT MAILED:** Oct 18/01 **SIGNED BY** ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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Data___ FA ___

(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103335R2

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Ag** gm/mt	Au** gm/mt
1640	12.3	1.81

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: CORE PULP

DATE RECEIVED: NOV 2 2001 **DATE REPORT MAILED:** Nov 7/01 **SIGNED BY.** C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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Data FA

[redacted]ME [redacted]YTI[redacted]LAB[redacted]TORI[redacted]LTD[redacted] 8[redacted]. H[redacted]INGS[redacted]. V[redacted]UVE[redacted] V[redacted]R6 [redacted] PH[redacted]604[redacted]-31[redacted]FAX [redacted]25[redacted]16 [redacted]

(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103335R3

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Ag** gm/mt	Au** gm/mt
1631	9.7	.73

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: CORE PULP

DATE RECEIVED: NOV 9 2001 **DATE REPORT MAILED:** Nov 16/01 **SIGNED BY.** C. Leong .D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data [redacted] FA [redacted]

[redacted]ME [redacted]LYT[redacted] LA[redacted]TOR[redacted] LTD[redacted] [redacted]E. [redacted]ING[redacted]T. V[redacted]DUV[redacted]C [redacted]1R6[redacted] PH[redacted](60[redacted]3-3[redacted] FAX[redacted])25[redacted]716[redacted]

(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103365 Page 1

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
SI	1	1	<3	3	<.3	2	<1	17	.04	<2	<8	<2	<2	2	.2	<3	<3	<1	.08	<.001	<1	5	<.01	4	<.01	<3	.01	.40	.01	<2	<.2
1678	2	10	7	54	.3	7	11	819	2.69	9	<8	<2	12	99	.3	<3	<3	69	2.16	.068	11	42	1.21	111	.07	<3	1.46	.07	.18	<2	6.2
1679	2	12	4	41	<.3	10	11	667	2.59	7	<8	<2	12	87	<.2	<3	<3	70	1.89	.066	10	55	1.18	113	.09	<3	1.39	.08	.16	<2	1.9
1680	1	6	6	59	<.3	8	11	856	2.67	11	<8	<2	11	102	.3	<3	<3	68	2.32	.065	14	39	1.22	264	.07	3	1.41	.07	.16	<2	7.0
1681	2	202	8	63	3.8	9	13	1398	3.09	15	<8	<2	12	102	.4	<3	<3	47	2.85	.061	15	48	1.20	432	.02	<3	1.62	.04	.31	<2	17.5
1682	4	41	15	64	1.5	6	12	2168	2.59	56	<8	<2	11	130	.4	<3	<3	46	3.10	.068	14	35	1.00	348	.03	<3	1.40	.03	.28	<2	42.7
1683	2	41	5	46	<.3	10	11	697	2.82	7	<8	<2	12	108	.2	<3	<3	85	1.58	.071	11	54	1.17	192	.11	<3	1.41	.10	.12	<2	1.5
1684	2	9	5	34	<.3	6	9	483	2.52	7	<8	<2	12	79	<.2	<3	<3	80	1.04	.067	11	53	.88	98	.14	<3	1.10	.09	.10	<2	.3
1685	2	10	4	33	<.3	9	9	451	2.48	5	<8	<2	11	75	<.2	<3	<3	78	1.00	.065	10	62	.81	89	.15	<3	1.06	.10	.10	<2	1.7
1686	3	26	4	38	<.3	8	10	540	2.60	10	<8	<2	11	84	<.2	<3	<3	84	1.12	.069	11	63	.96	93	.15	<3	1.18	.11	.12	<2	2.2
1687	3	36	8	43	.3	9	10	674	2.76	7	<8	<2	10	78	<.2	<3	<3	79	1.47	.066	11	53	.95	106	.13	<3	1.18	.10	.10	<2	.6
1688	2	20	3	45	<.3	7	11	926	2.99	12	<8	<2	11	64	<.2	<3	<3	78	1.90	.071	11	46	1.00	84	.09	<3	1.21	.08	.17	<2	2.0
RE 1688	2	21	7	45	.3	9	11	931	3.02	14	<8	<2	10	64	.2	<3	<3	78	1.91	.071	12	47	1.01	83	.09	<3	1.22	.07	.17	<2	3.0
RRE 1688	2	23	5	49	.3	10	11	924	3.03	14	<8	<2	10	66	<.2	<3	<3	78	1.92	.069	12	51	1.01	86	.09	<3	1.23	.07	.18	<2	3.1
1689	3	10	4	31	<.3	7	8	422	2.18	4	<8	<2	9	81	<.2	<3	<3	69	1.00	.069	10	49	.68	80	.14	<3	.99	.10	.09	<2	.2
1690	2	10	6	32	<.3	10	8	403	2.49	6	<8	<2	10	69	<.2	<3	<3	81	.83	.071	11	58	.69	100	.15	<3	1.01	.13	.12	<2	.4
1691	3	25	14	36	1.4	7	10	637	2.68	8	<8	<2	9	61	<.2	<3	<3	85	1.17	.068	11	50	.95	151	.14	<3	1.17	.10	.13	<2	7.7
1692	4	10	30	64	2.2	8	11	3173	2.44	144	<8	<2	9	104	.2	<3	3	32	3.60	.062	11	38	.78	102	<.01	<3	1.56	.08	.38	<2	213.8
1693	2	14	8	41	<.3	8	10	756	2.77	10	<8	<2	7	82	.3	<3	<3	84	1.84	.079	12	45	1.09	143	.11	<3	1.24	.09	.15	<2	3.6
1694	3	35	17	60	2.7	9	12	1065	2.88	19	<8	<2	8	102	.2	<3	<3	70	2.39	.078	13	39	1.28	164	.07	<3	1.56	.06	.22	<2	22.3
1695	1	17	5	48	<.3	11	12	828	2.81	9	<8	<2	9	91	<.2	<3	<3	78	1.97	.078	11	45	1.42	127	.11	3	1.62	.08	.13	<2	1.8
1696	1	24	5	50	<.3	13	14	895	3.12	15	<8	<2	9	81	<.2	<3	<3	86	2.08	.080	11	46	1.51	89	.11	<3	1.69	.08	.15	<2	6.9
1697	2	20	3	45	<.3	8	12	668	2.84	11	<8	<2	9	90	<.2	<3	<3	87	1.67	.081	10	46	1.29	87	.15	<3	1.51	.11	.11	<2	.8
1698	1	27	3	45	<.3	11	12	732	2.95	9	<8	<2	9	85	<.2	<3	<3	87	1.75	.079	10	48	1.36	85	.14	5	1.63	.12	.13	<2	.2
1699	58	2140	25552	20140	250.5	2182	50	912	7.88	35863	<8	11	3	23	534.6	966	40	27	.51	.010	5	2999	.18	47	<.01	4	.61	<.01	.21	<2	9618.7
1700	1	17	<3	34	<.3	25	6	279	1.55	8	<8	<2	<2	21	<.2	<3	<3	40	.44	.052	3	22	.65	44	.06	4	.88	.03	.07	<2	.9
1701	2	27	9	53	.5	10	13	868	2.95	13	<8	<2	9	164	.2	<3	<3	80	1.79	.077	10	42	1.45	85	.08	<3	1.80	.06	.12	<2	7.7
1702	1	5	8	58	<.3	4	10	1484	2.42	17	<8	<2	11	85	<.2	<3	<3	38	3.43	.059	13	28	1.57	102	<.01	<3	1.85	.04	.28	<2	16.3
RE 1702	1	6	9	59	.4	5	10	1486	2.42	14	<8	<2	10	84	<.2	<3	<3	39	3.45	.058	13	29	1.58	101	.01	<3	1.86	.04	.29	<2	15.2
RRE 1702	2	5	9	57	.5	5	10	1464	2.36	15	<8	<2	11	84	<.2	<3	<3	38	3.40	.058	13	30	1.55	96	.01	<3	1.80	.04	.26	<2	11.7
1703	2	9	13	71	.6	6	11	947	2.48	11	<8	<2	11	62	<.2	<3	<3	48	2.36	.063	14	29	1.18	100	.01	5	1.55	.06	.24	<2	5.1
1704	2	51	175	120	2.6	5	10	1226	2.51	28	<8	<2	12	107	2.7	<3	<3	36	4.07	.053	9	28	1.43	84	.01	<3	1.60	.02	.28	<2	138.3
1705	2	26	12	52	.5	7	12	771	2.55	9	<8	<2	12	68	<.2	<3	<3	60	2.01	.060	12	39	1.19	124	.03	<3	1.52	.05	.19	<2	16.5
1706	3	12	6	47	<.3	6	11	799	2.56	9	<8	<2	11	68	<.2	<3	<3	64	2.11	.061	14	31	1.14	79	.04	<3	1.43	.06	.17	<2	1.8
STANDARD DS3	9	125	37	160	<.3	37	12	804	3.20	34	<8	<2	4	27	5.5	4	6	81	.53	.096	17	189	.61	153	.08	3	1.76	.03	.17	4	19.3

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE R150 60C AU* BY ACID LEACHED, ANALYZE BY ICP-MS. (10 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 26 2001 **DATE REPORT MAILED:** Oct 9/01 **SIGNED BY.....** D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
1707	10	101	6	53	.3	12	22	899	3.66	12	<8	<2	6	133	.8	<3	<3	124	2.71	.081	10	51	1.89	497	.16	4	2.19	.10	.16	<2	7.0
1708	4	17	4	60	<.3	9	15	897	3.22	10	<8	<2	8	96	.6	<3	<3	100	2.83	.070	9	48	1.70	69	.11	5	1.91	.06	.11	<2	1.3
1709	2	14	5	51	.4	7	11	785	2.45	10	<8	<2	10	65	.3	<3	<3	59	1.76	.061	11	31	1.17	75	.07	4	1.43	.06	.15	<2	5.0
1710	3	19	6	57	<.3	6	11	699	2.37	9	<8	<2	11	66	.3	<3	<3	56	1.67	.062	11	40	1.25	86	.09	4	1.51	.06	.12	<2	1.2
1711	2	13	4	62	<.3	6	11	695	2.35	7	<8	<2	10	81	.2	3	<3	53	1.89	.063	13	38	1.21	86	.05	4	1.63	.06	.17	<2	.2
1712	2	16	6	107	<.3	7	10	655	2.35	10	<8	<2	11	68	.2	5	<3	63	1.55	.061	11	44	1.19	69	.09	4	1.44	.05	.09	<2	1.0
1713	2	9	7	47	<.3	7	10	676	2.21	8	<8	<2	10	74	.3	<3	<3	51	1.75	.060	13	36	1.17	63	.04	3	1.57	.05	.15	4	1.1
1714	2	8	4	44	<.3	6	11	755	2.37	8	<8	<2	11	73	.4	<3	<3	52	1.95	.059	16	35	1.17	66	.01	3	1.51	.05	.18	<2	4.7
1715	1	9	4	51	<.3	7	12	778	2.48	8	<8	<2	12	72	.3	3	<3	48	2.05	.064	16	38	1.27	77	.01	5	1.67	.05	.21	<2	1.8
1716	2	18	7	51	<.3	6	11	1103	2.42	10	<8	<2	11	76	.3	<3	<3	43	2.61	.060	16	35	1.18	56	.01	4	1.61	.05	.21	<2	5.9
RE 1716	2	17	8	51	<.3	6	11	1099	2.41	11	<8	<2	11	76	.4	4	<3	44	2.61	.059	16	36	1.18	56	.02	4	1.61	.05	.21	<2	7.5
RRE 1716	2	19	7	51	<.3	7	11	1090	2.46	9	<8	<2	11	78	.4	<3	<3	44	2.57	.060	16	40	1.19	62	.02	4	1.65	.05	.22	<2	4.1
1717	2	10	6	51	.5	33	14	1619	2.72	17	<8	<2	11	66	.5	4	<3	57	2.16	.070	15	59	1.67	73	.02	4	2.02	.04	.23	3	5.0
1718	3	10	8	73	.7	75	18	2073	3.08	39	<8	<2	7	181	.7	3	<3	49	4.81	.074	12	73	1.80	109	.02	5	2.28	.04	.38	<2	2.7
1719	2	15	21	120	1.4	142	25	1552	4.14	23	<8	<2	2	241	1.6	<3	<3	73	4.76	.100	10	165	3.24	76	<.01	5	3.02	.02	.29	<2	2.7
1720	4	10	89	185	.6	21	4	742	.87	8	<8	<2	9	76	4.8	<3	<3	10	1.17	.015	13	56	.49	72	<.01	5	.82	.02	.32	<2	6.2
1721	6	4	215	100	.4	2	<1	1063	.44	4	<8	<2	6	55	2.2	<3	<3	2	1.26	.006	18	38	.04	99	<.01	4	.43	.03	.39	<2	12.2
1722	8	8	181	270	.8	5	<1	902	.52	7	<8	<2	11	69	6.3	<3	<3	2	1.13	.004	16	62	.04	80	<.01	5	.50	.03	.38	<2	27.8
1723	6	5	125	141	.5	<1	<1	564	.62	10	<8	<2	7	27	2.9	<3	<3	2	.41	.006	19	43	.05	97	<.01	5	.46	.04	.34	<2	16.7
1724	5	8	34	97	<.3	6	4	655	1.71	5	<8	<2	6	49	.9	<3	<3	23	1.17	.023	29	50	.46	68	<.01	4	.94	.06	.23	<2	2.4
STANDARD DS3	9	121	38	154	<.3	37	12	789	3.11	34	<8	<2	4	27	5.8	4	6	80	.53	.094	18	183	.59	155	.09	5	1.73	.04	.17	7	20.1

Sample type: CORE R150 60C. 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 ____

[redacted]CME[redacted]LYT[redacted]L L[redacted]ATO[redacted] LT[redacted] [redacted]E. [redacted]TING[redacted]T. [redacted]NCOUVER BC [redacted]V6H 1R6[redacted] PH[redacted](604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103446 Page 1

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
SI	<1	1	<3	2	<.3	1	<1	3	.03	3	<8	<2	<2	1	<.2	<3	<3	<1	.07	.001	<1	4	.01	6	<.01	<3	.01	.29	<.01	<2	1.6
4511	2	6	8	37	<.3	5	9	683	2.52	13	<8	<2	11	68	<.2	<3	<3	77	1.54	.058	10	55	.95	127	.11	<3	1.11	.08	.13	<2	15.5
4512	1	5	5	47	<.3	3	9	706	2.27	15	<8	<2	11	78	<.2	<3	<3	64	1.98	.059	9	33	.91	119	.08	<3	1.11	.05	.21	2	2.1
4513	1	16	8	58	.5	5	10	1135	2.34	8	<8	<2	11	105	.3	<3	<3	47	2.80	.055	10	32	.97	213	.03	<3	1.32	.04	.34	<2	3.1
4514	7	46	60	84	28.6	3	12	2223	2.44	81	<8	<2	10	108	.7	<3	<3	18	3.00	.059	7	20	.84	99	.02	<3	1.13	.02	.39	<2	146.1
4515	1	12	7	54	1.4	5	10	910	2.61	13	<8	<2	9	67	.2	<3	<3	70	2.06	.060	10	51	1.03	108	.07	<3	1.20	.06	.17	<2	13.9
4516	2	95	10	52	2.3	4	9	910	2.45	13	<8	<2	10	92	<.2	<3	<3	61	2.22	.058	11	36	1.05	176	.04	<3	1.26	.04	.23	<2	11.4
4517	10	645	12	53	8.5	9	76	729	9.10	13	<8	<2	10	119	<.2	<3	<3	78	2.89	.045	4	46	.88	37	.02	<3	1.24	.03	.25	10	6.8
4518	2	10	7	42	.4	4	9	876	2.15	14	<8	<2	11	95	.2	<3	<3	46	2.83	.054	11	44	.85	131	.05	<3	1.11	.03	.26	2	6.6
4519	2	15	9	49	1.7	7	10	1033	2.41	31	<8	<2	12	114	<.2	<3	<3	52	2.25	.057	10	59	1.04	98	.05	<3	1.31	.04	.22	<2	45.4
4520	2	12	6	49	1.7	4	10	1008	2.34	32	<8	<2	10	112	<.2	<3	<3	52	2.22	.056	10	44	1.02	96	.05	<3	1.27	.04	.21	<2	28.8
RE 4520	3	11	8	49	1.6	4	10	1018	2.37	32	<8	<2	12	114	<.2	<3	<3	52	2.24	.057	10	45	1.04	98	.05	<3	1.28	.04	.20	<2	37.0
RRE 4520	2	8	8	44	.6	8	10	782	2.37	14	<8	<2	11	97	<.2	<3	<3	58	2.04	.058	11	65	1.06	110	.08	<3	1.27	.05	.17	2	10.2
4521	2	16	8	50	1.1	4	9	814	2.35	20	<8	<2	10	93	.2	<3	<3	52	1.90	.056	10	46	1.00	89	.07	<3	1.26	.05	.20	<2	9.4
4522	2	6	7	37	.3	6	9	552	2.37	6	<8	<2	11	76	<.2	<3	<3	68	1.20	.058	11	70	.93	73	.12	<3	1.15	.08	.11	<2	1.4
4523	2	13	7	52	.5	4	10	672	2.16	14	<8	<2	11	145	<.2	<3	<3	50	1.23	.056	9	47	1.10	82	.11	<3	1.37	.04	.12	<2	18.7
4524	2	7	6	40	.3	5	9	560	2.39	5	<8	<2	12	134	<.2	<3	3	72	1.16	.058	10	65	.97	99	.12	<3	1.16	.08	.10	<2	1.6
4525	2	6	5	37	.3	4	8	557	2.10	6	<8	<2	12	60	<.2	<3	<3	59	1.23	.050	10	47	.85	56	.09	<3	1.00	.06	.12	<2	.9
4526	2	8	5	51	.4	7	9	702	2.54	7	<8	<2	13	143	<.2	<3	<3	67	1.55	.051	19	63	1.02	95	.08	<3	1.19	.07	.13	<2	4.3
4527	3	5	7	76	.4	5	9	958	2.47	8	<8	<2	12	78	<.2	<3	<3	60	2.25	.055	10	45	1.02	108	.05	<3	1.21	.04	.23	<2	3.9
4528	1	39	12	71	1.7	6	10	1066	2.54	16	<8	<2	12	86	<.2	<3	<3	62	2.45	.059	11	55	1.03	134	.05	<3	1.27	.04	.27	<2	9.3
4529	3	95	12	82	2.8	4	9	1032	2.31	18	<8	<2	12	70	.3	3	<3	58	2.31	.059	8	44	1.14	90	.06	<3	1.30	.05	.18	6	15.8
4530	1	18	5	97	.4	7	9	885	1.99	6	<8	<2	10	101	.4	<3	<3	48	1.91	.062	11	41	.85	54	.12	<3	.96	.09	.05	<2	3.0
4531	2	9	12	96	2.1	7	10	1161	2.23	9	<8	<2	10	110	.3	<3	<3	57	2.35	.068	10	32	1.04	53	.11	<3	1.13	.08	.04	<2	5.5
4532	2	11	5	70	.3	5	10	842	2.55	5	<8	<2	12	120	.2	<3	<3	72	1.81	.058	9	56	.99	222	.08	<3	1.27	.06	.16	<2	.3
RE 4532	2	11	5	69	.3	7	9	830	2.50	3	<8	<2	11	117	<.2	<3	<3	70	1.78	.057	9	52	.97	216	.08	<3	1.23	.06	.16	<2	.5
RRE 4532	2	12	5	70	.3	4	9	820	2.44	4	<8	<2	9	99	<.2	<3	<3	67	1.78	.056	9	38	.96	173	.07	<3	1.18	.05	.14	<2	.4
4533	1	4	3	119	<.3	5	11	1065	2.65	4	<8	<2	10	349	.3	<3	<3	67	2.54	.061	11	39	1.21	637	.07	<3	1.56	.08	.08	<2	.2
4534	2	9	12	144	5.4	5	11	1431	2.78	10	<8	<2	11	111	.7	<3	8	62	2.98	.062	10	28	1.16	58	.09	<3	1.40	.07	.05	<2	2.7
4535	1	6	12	155	2.2	7	9	2426	2.75	25	<8	<2	9	138	.6	<3	<3	42	4.21	.052	8	33	1.25	60	.05	<3	1.44	.06	.08	<2	16.3
4536	4	22	41	193	5.9	15	10	2432	3.08	115	<8	<2	5	95	.8	3	<3	54	3.31	.099	10	41	1.30	79	.07	<3	1.60	.05	.22	<2	48.6
4537	18	95	461	177	73.5	14	6	2491	4.25	1300	<8	<2	3	50	2.5	14	<3	23	2.28	.067	5	74	.69	57	.05	<3	.99	.01	.32	4	1287.9
4538	4	236	16	216	4.1	18	11	1643	3.50	19	<8	<2	5	104	1.0	4	<3	77	2.58	.107	11	54	1.59	192	.07	<3	1.90	.10	.23	<2	9.7
4539	3	334	18	174	5.8	15	13	1407	3.41	13	<8	<2	4	76	.4	3	<3	63	2.17	.121	11	56	1.36	92	.13	<3	1.75	.06	.13	<2	19.8
STANDARD DS3	10	126	34	159	.3	37	12	813	3.18	33	<8	<2	4	27	5.7	5	6	79	.55	.096	18	195	.60	169	.08	3	1.75	.04	.16	4	21.4

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE R150 60C AU* BY ACID LEACHED, ANALYZE BY ICP-MS. (10 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 1 2001 **DATE REPORT MAILED:** Oct 9/01 **SIGNED BY.....** D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
4540	2	21	17	124	1.4	3	11	1312	4.96	3	<8	<2	4	44	.9	<3	<3	72	2.25	.213	22	9	1.20	91	.19	<3	2.07	.05	.12	<2	6.6
4541	2	15	17	109	.7	2	10	1125	4.74	5	<8	<2	4	68	.9	<3	<3	72	2.06	.204	20	19	1.14	157	.23	<3	1.91	.06	.12	<2	<.2
4542	3	15	14	131	.4	2	10	973	4.83	3	<8	<2	4	68	.7	<3	<3	77	2.01	.203	20	13	1.08	105	.23	<3	1.96	.08	.09	<2	<.2
4543	3	16	20	114	.5	2	10	995	4.87	2	<8	<2	4	92	.8	<3	<3	82	2.15	.202	19	17	1.07	83	.21	<3	1.99	.10	.09	<2	<.2
4544	4	15	23	134	.7	<1	11	1116	4.89	<2	<8	<2	3	89	1.3	<3	<3	74	2.26	.206	16	10	1.16	86	.19	<3	2.19	.08	.11	<2	<.2
4545	2	31	14	127	1.3	5	10	1082	4.38	6	<8	<2	5	97	.7	<3	<3	51	2.03	.209	17	18	1.04	110	.22	<3	2.15	.04	.21	<2	.9
4546	2	21	19	62	3.6	2	5	1116	1.11	17	<8	<2	19	81	.5	<3	<3	10	3.24	.030	12	34	.31	110	.02	<3	.77	.02	.33	<2	31.6
4547	1	5	20	75	1.0	6	8	1070	2.00	11	<8	<2	16	96	.3	<3	<3	35	2.99	.049	13	48	.69	106	<.01	<3	1.12	.04	.34	<2	3.8
4548	3	4	3	45	.3	4	8	804	1.86	7	<8	<2	15	103	<.2	<3	<3	34	2.53	.046	10	38	.71	162	.03	<3	1.04	.04	.28	2	1.1
RE 4548	2	4	7	45	.3	4	8	797	1.84	6	<8	<2	15	102	.2	<3	<3	31	2.52	.047	9	38	.70	159	.02	<3	1.02	.04	.28	<2	1.1
RRE 4548	2	5	7	44	.4	4	8	817	1.93	5	<8	<2	17	104	.3	<3	<3	34	2.57	.047	11	54	.72	189	.02	<3	1.06	.04	.28	2	.6
4549	60	2013	22361	20248	239.5	2228	52	990	7.51	31525	<8	14	3	22	511.6	861	45	25	.49	.010	5	3319	.17	46	<.01	<3	.56	.01	.20	<2	9584.1
4550	1	18	5	40	<.3	27	7	371	1.91	6	<8	<2	<2	41	.2	<3	<3	55	.81	.049	5	79	.73	97	.12	4	1.34	.11	.15	2	<.2
4551	3	5	5	39	.4	4	9	877	2.07	7	<8	<2	16	103	.2	<3	<3	40	2.31	.048	15	41	.84	307	.02	<3	1.07	.04	.26	<2	8.8
4552	6	4	7	35	<.3	6	8	734	2.15	7	<8	<2	16	81	.2	<3	<3	51	1.93	.049	14	68	.77	133	.06	<3	1.03	.05	.23	2	7.1
4553	19	3	5	30	<.3	6	7	465	2.21	6	<8	<2	18	58	.2	<3	<3	63	1.22	.049	14	52	.78	98	.11	<3	.94	.06	.14	3	.9
4554	33	6	3	40	<.3	7	8	537	2.47	5	<8	<2	17	73	.2	<3	<3	70	1.25	.052	13	73	.88	122	.13	<3	1.08	.07	.13	4	1.4
4555	29	1187	52	60	12.5	5	11	695	4.65	<2	<8	<2	16	63	1.0	<3	7	80	1.66	.045	10	43	.88	95	.08	<3	1.08	.05	.16	14	17.9
4556	26	6	4	53	<.3	8	9	718	2.49	4	8	<2	16	66	.2	3	<3	70	1.54	.053	12	61	.94	89	.10	<3	1.10	.08	.13	2	1.5
4557	32	30	5	60	1.1	4	9	876	2.47	7	<8	<2	16	80	<.2	<3	<3	57	1.91	.050	16	46	.96	91	.08	<3	1.21	.07	.15	<2	4.1
4558	1	13	7	163	1.0	6	9	1983	2.60	18	<8	<2	15	92	.5	<3	<3	43	3.22	.052	9	40	.95	44	.05	<3	1.30	.06	.10	<2	8.5
4559	3	22	8	832	2.2	2	8	1667	1.41	5	<8	<2	20	75	17.5	<3	6	24	2.65	.025	14	28	.47	141	.02	<3	.74	.07	.11	<2	3.3
4560	23	5	7	34	<.3	4	4	519	1.03	4	<8	<2	17	57	.2	<3	<3	18	1.42	.022	15	66	.34	114	.01	<3	.65	.05	.26	<2	1.4
4561	18	4	5	49	<.3	4	8	931	2.15	9	<8	<2	16	75	.3	<3	<3	50	1.88	.049	14	45	.79	172	.08	<3	1.01	.05	.27	<2	3.2
4562	19	14	24	98	4.0	8	8	1255	2.33	50	<8	<2	14	68	1.9	3	<3	50	1.85	.048	12	70	.80	138	.05	<3	1.09	.06	.28	<2	73.2
RE 4562	21	14	24	98	3.6	8	8	1255	2.34	48	<8	<2	14	68	2.0	<3	<3	52	1.85	.049	13	73	.80	139	.07	<3	1.10	.06	.28	<2	73.3
RRE 4562	28	11	18	101	3.1	4	8	1201	2.21	44	<8	<2	13	65	2.1	<3	<3	49	1.79	.049	13	45	.79	131	.06	<3	1.06	.05	.26	<2	58.1
4563	1	22	7	51	.8	7	8	730	2.51	5	<8	<2	11	63	.2	<3	<3	65	1.41	.055	13	58	.95	146	.09	<3	1.12	.06	.22	<2	4.0
4564	2	44	5	44	.4	5	8	517	2.44	4	<8	<2	12	56	.3	<3	<3	69	1.21	.056	11	45	.92	86	.12	<3	1.07	.06	.13	2	1.6
4565	1	6	4	35	<.3	7	9	623	2.37	3	<8	<2	12	67	.2	<3	<3	67	1.60	.057	12	61	.90	133	.09	<3	1.06	.06	.18	<2	.5
4566	2	3	7	39	.3	6	8	1228	1.78	12	<8	<2	10	132	.2	<3	<3	19	4.58	.055	14	39	.51	257	<.01	<3	.93	.01	.38	2	11.1
4567	2	6	<3	41	<.3	8	9	615	2.38	5	<8	<2	12	74	.3	<3	<3	62	1.92	.058	13	58	.98	276	.07	<3	1.15	.05	.18	2	2.2
4568	2	16	3	41	.3	6	9	670	2.57	3	<8	<2	12	62	.2	<3	<3	74	1.82	.058	11	44	1.01	127	.08	<3	1.16	.06	.14	2	1.3
4569	1	6	<3	39	<.3	9	10	686	2.69	5	<8	<2	11	78	<.2	<3	<3	84	1.70	.061	13	64	1.10	248	.12	<3	1.24	.07	.14	3	.2
STANDARD DS3	9	124	33	159	.4	36	12	807	3.19	30	<8	<2	5	28	5.4	5	6	80	.56	.096	18	188	.61	170	.09	<3	1.77	.03	.17	2	20.3

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

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

Data___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
4570	3	5	3	42	<.3	5	10	762	2.40	3	<8	<2	10	65	<.2	<3	<3	60	1.82	.059	9	40	1.04	109	.05	<3	1.31	.04	.17	<2	.5
4571	1	19	10	85	.5	5	11	1182	2.22	7	<8	<2	9	120	.4	<3	<3	44	2.33	.066	10	35	1.11	303	.10	<3	1.49	.06	.10	<2	1.0
4572	2	11	45	109	2.3	4	11	2341	2.17	68	<8	<2	9	91	1.6	<3	<3	28	2.80	.060	9	29	.92	236	.04	<3	1.26	.04	.19	<2	90.3
4573	2	14	7	55	.5	6	10	865	2.46	6	<8	<2	10	75	.3	<3	<3	57	1.93	.059	9	48	1.07	180	.04	3	1.32	.05	.15	<2	8.3
4574	2	7	6	62	<.3	6	9	698	2.44	3	<8	<2	10	63	.3	3	<3	63	1.60	.066	13	45	1.05	87	.10	3	1.25	.07	.16	<2	2.8
4575	2	25	8	38	.4	7	9	604	2.41	8	<8	<2	10	65	.2	<3	<3	71	1.21	.066	11	62	.91	81	.12	<3	1.13	.08	.12	2	6.3
4576	2	9	28	45	.5	6	10	741	2.44	8	<8	<2	10	72	.3	<3	<3	70	1.60	.067	10	47	1.08	74	.12	3	1.28	.07	.13	2	4.0
4577	2	12	16	60	2.2	7	10	1290	2.53	467	<8	<2	10	63	.5	<3	<3	57	1.67	.063	10	64	.87	74	.07	<3	1.15	.05	.22	<2	106.6
4578	1	7	6	43	.5	5	10	1010	2.49	41	<8	<2	9	67	.2	<3	<3	67	1.67	.068	10	42	1.01	67	.10	<3	1.21	.06	.17	<2	10.7
4579	2	14	11	47	.4	6	10	775	2.34	11	<8	<2	9	77	.2	3	<3	63	1.77	.065	11	60	1.02	77	.11	<3	1.30	.07	.16	2	3.3
4580	2	10	11	40	2.1	5	10	1323	2.57	341	<8	<2	8	86	<.2	<3	<3	55	2.25	.061	9	45	.90	87	.05	<3	1.23	.06	.22	2	62.7
RE 4580	2	9	10	39	1.9	6	10	1307	2.51	343	<8	<2	8	84	<.2	<3	<3	52	2.20	.061	9	44	.88	82	.05	<3	1.20	.05	.21	2	68.8
RRE 4580	1	10	7	38	1.9	6	10	1314	2.57	336	<8	<2	9	85	<.2	<3	<3	56	2.22	.062	9	55	.89	87	.05	<3	1.22	.06	.21	<2	63.1
4581	2	11	27	48	3.1	5	10	723	2.67	5	<8	<2	10	68	.3	3	<3	79	1.61	.068	12	47	1.12	103	.10	<3	1.27	.07	.13	<2	9.6
4582	2	16	3	40	.8	8	11	763	2.78	8	<8	<2	9	69	.3	<3	<3	80	1.68	.071	11	60	1.12	98	.11	3	1.36	.09	.15	2	7.1
4583	2	6	4	40	<.3	5	11	665	2.70	3	<8	<2	11	83	<.2	<3	<3	79	1.62	.068	12	50	1.19	56	.12	<3	1.39	.08	.11	<2	1.6
4584	1	6	4	35	<.3	7	10	575	2.64	3	<8	<2	10	95	<.2	<3	<3	80	1.39	.069	11	60	1.05	75	.13	<3	1.29	.09	.10	<2	1.0
4585	2	8	4	45	.3	5	10	807	2.49	14	<8	<2	10	81	<.2	3	<3	65	2.05	.067	11	44	1.06	85	.12	<3	1.29	.07	.15	2	9.0
4586	2	8	3	31	<.3	5	9	537	2.50	3	<8	<2	12	78	<.2	<3	<3	77	1.10	.065	11	64	.91	91	.14	<3	1.15	.10	.12	2	4.1
4587	2	9	5	32	<.3	5	9	498	2.45	<2	<8	<2	10	82	<.2	<3	<3	78	1.13	.065	10	45	.84	84	.14	<3	1.07	.09	.09	2	.7
4588	2	10	<3	34	.3	7	9	630	2.61	5	<8	<2	9	63	.2	3	<3	82	1.23	.066	12	62	.98	73	.14	3	1.15	.10	.08	<2	1.2
4589	3	19	5	38	1.5	5	10	1326	2.60	58	<8	<2	9	79	<.2	<3	<3	66	1.92	.067	12	46	1.02	104	.08	<3	1.24	.07	.19	<2	59.5
4590	1	16	4	46	<.3	7	10	730	2.65	4	<8	<2	10	75	.2	3	<3	77	1.68	.064	13	62	1.11	119	.10	<3	1.28	.09	.12	2	2.5
4591	2	16	4	38	<.3	6	11	723	2.72	5	<8	<2	10	70	<.2	3	<3	80	1.67	.067	12	47	1.16	95	.09	<3	1.29	.08	.10	2	1.7
4592	2	22	<3	42	.3	8	11	736	2.80	3	<8	<2	10	85	<.2	3	<3	80	1.83	.069	12	62	1.22	150	.11	<3	1.40	.08	.12	2	1.1
RE 4592	1	21	5	42	<.3	8	12	749	2.82	4	<8	<2	9	85	<.2	<3	<3	78	1.85	.069	12	60	1.23	149	.11	<3	1.42	.09	.12	<2	2.9
RRE 4592	2	19	<3	42	<.3	5	11	753	2.78	4	<8	<2	9	83	.2	<3	<3	78	1.85	.070	12	46	1.23	147	.11	3	1.39	.08	.11	<2	2.1
4593	1	22	6	46	.3	8	11	917	2.77	5	<8	<2	9	85	<.2	<3	<3	74	2.13	.072	14	58	1.15	236	.08	<3	1.41	.10	.18	2	3.3
4594	3	29	3	39	.4	5	10	757	2.61	9	<8	<2	9	68	<.2	<3	<3	82	1.48	.068	11	48	1.03	138	.13	<3	1.20	.10	.11	2	5.8
4595	4	27	3	33	.3	7	10	671	2.70	4	<8	<2	9	97	<.2	3	<3	86	1.42	.071	12	67	1.02	166	.14	<3	1.27	.12	.13	<2	1.6
4596	6	21	<3	35	<.3	6	9	642	2.57	3	<8	<2	9	66	<.2	<3	<3	85	1.22	.074	11	49	.97	127	.14	<3	1.18	.12	.14	<2	.5
4597	5	11	6	48	.7	9	12	1409	3.04	31	<8	<2	8	87	.3	<3	<3	70	2.62	.073	15	52	1.29	146	.05	3	1.52	.07	.22	<2	33.8
4598	2	9	<3	39	<.3	8	12	757	2.83	3	<8	<2	8	101	.2	<3	<3	84	1.91	.078	14	44	1.30	157	.09	<3	1.45	.10	.15	<2	1.7
4599	60	1972	22545	19761	232.8	2139	49	988	7.45	31558	<8	13	3	22	503.6	858	41	24	.49	.010	6	3076	.17	45	<.01	4	.57	.01	.19	<2	9500.4
4600	1	18	3	37	<.3	26	6	371	1.87	7	<8	<2	<2	35	.2	<3	<3	53	.76	.049	5	61	.73	82	.12	4	1.25	.09	.13	2	<.2
STANDARD DS3	10	131	35	159	.3	36	12	859	3.33	31	<8	<2	4	29	6.0	5	6	83	.58	.100	18	190	.64	173	.10	3	1.84	.03	.18	3	22.2

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

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Data___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
4601	2	14	8	41	<.3	11	12	859	2.85	6	<8	<2	8	123	.3	<3	4	82	1.94	.078	13	57	1.34	137	.09	<3	1.56	.09	.17	2	5.3
4602	1	15	8	37	<.3	8	11	716	2.68	3	<8	<2	9	222	.3	<3	<3	86	1.38	.079	14	48	1.15	356	.13	3	1.54	.12	.25	<2	.3
4603	2	15	5	36	<.3	9	11	579	2.64	3	8	<2	10	222	<.2	<3	<3	86	1.12	.076	13	60	1.03	407	.13	<3	1.59	.13	.30	<2	<.2
4604	3	15	14	53	.3	8	13	533	2.79	8	<8	<2	9	113	.2	<3	<3	53	.91	.079	19	42	1.38	209	.01	<3	1.79	.04	.30	<2	6.8
RE 4604	2	16	17	54	.3	8	12	525	2.74	11	<8	<2	8	111	.2	<3	<3	52	.90	.079	19	45	1.36	207	.01	<3	1.77	.04	.30	<2	6.3
RRE 4604	2	16	15	55	.4	11	13	552	2.89	8	<8	<2	9	112	.2	<3	<3	53	.94	.081	19	51	1.41	210	.01	<3	1.83	.04	.30	<2	9.0
4605	2	21	8	47	<.3	9	12	802	2.88	2	<8	<2	9	110	<.2	<3	<3	81	1.82	.081	15	45	1.40	194	.09	<3	1.62	.09	.16	<2	.3
4606	2	16	15	48	.9	10	12	1047	2.70	10	11	<2	9	95	.3	<3	<3	61	2.46	.079	14	49	1.13	101	.07	<3	1.44	.07	.20	<2	11.2
4607	4	50	13	70	1.8	10	14	1542	2.76	5	<8	<2	10	106	.2	<3	4	39	2.87	.086	17	31	1.28	117	.01	<3	1.81	.04	.27	<2	2.5
4608	1	11	8	53	<.3	11	13	826	2.96	<2	<8	<2	10	97	<.2	<3	<3	85	2.15	.082	15	54	1.34	245	.08	<3	1.53	.09	.17	<2	1.2
STANDARD DS3	9	128	36	164	<.3	36	12	834	3.28	32	<8	<2	4	28	5.9	4	5	82	.55	.099	19	192	.63	165	.09	3	1.82	.04	.17	5	19.9

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

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Data___ FA ____

ME LYT LA TOR LTD E. ING. V UVE C 1R6 PH (604 3-3 FAX)25 16
(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103446R

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Ag** gm/mt	Au** gm/mt
4537	70.8	1.37

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: CORE PULP

DATE RECEIVED: OCT 11 2001 **DATE REPORT MAILED:** Oct 18/01 **SIGNED BY.** C. Leong .D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

[redacted]ME [redacted]LYT[redacted] LA[redacted]TOR[redacted] LTI[redacted] [redacted]E. [redacted]ING[redacted]T. V[redacted]OUV[redacted]C [redacted]1R6[redacted] PH[redacted](60[redacted]3-3[redacted] FAX[redacted])2[redacted]716[redacted]

(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103498 Page 1

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
SI	1	2	<3	3	<.3	<1	<1	5	.04	<2	<8	<2	<2	2	<.2	<3	<3	<1	.08	<.001	<1	3	<.01	3	<.01	<3	.01	.36	<.01	<2	.6
4609	2	9	6	57	<.3	10	15	1081	2.86	5	<8	<2	10	106	<.2	3	<3	64	2.70	.078	17	31	1.47	291	.03	<3	1.61	.05	.18	2	6.6
4610	2	14	10	52	<.3	10	14	1056	2.89	7	<8	<2	11	106	.2	4	<3	63	2.95	.074	18	26	1.29	264	.03	<3	1.57	.06	.25	<2	4.0
4611	3	11	6	52	.7	6	11	1128	2.33	10	<8	<2	11	92	<.2	<3	<3	38	3.14	.060	15	18	1.04	229	.01	<3	1.42	.04	.30	2	2.8
4612	11	3	8	64	.4	5	11	2619	2.20	<2	<8	<2	10	74	.2	<3	<3	29	2.79	.062	19	15	1.13	54	.01	<3	1.65	.02	.38	<2	1.2
4613	22	9	23	48	<.3	1	1	1026	1.07	3	<8	<2	4	49	.2	<3	<3	1	1.47	.004	28	8	.10	70	<.01	<3	.43	.05	.24	3	7.1
4614	8	24	7	48	.5	6	19	1293	2.55	5	<8	<2	12	86	.3	3	<3	47	2.21	.058	15	17	.95	136	.03	<3	1.35	.05	.24	2	3.4
4615	3	11	6	44	.3	5	11	1015	2.64	11	<8	<2	13	82	.2	3	<3	66	2.26	.058	13	20	1.01	114	.06	3	1.19	.06	.15	2	5.7
4616	2	8	9	56	<.3	9	11	838	2.81	2	<8	<2	13	72	<.2	5	<3	78	1.99	.067	14	34	1.15	139	.08	4	1.32	.08	.15	2	.9
4617	4	7	8	36	<.3	6	9	765	2.51	3	<8	<2	11	61	.2	3	<3	70	1.49	.062	11	20	.93	129	.10	<3	1.12	.07	.16	2	2.3
4618	4	4	9	50	.8	6	11	1660	2.67	17	<8	<2	11	87	<.2	<3	<3	57	2.80	.060	14	17	1.06	133	.02	<3	1.33	.05	.26	<2	12.8
RE 4618	2	5	12	49	.8	5	11	1660	2.69	17	<8	<2	11	87	<.2	<3	<3	57	2.80	.059	14	19	1.06	132	.02	3	1.33	.05	.25	<2	12.2
RRE 4618	3	4	13	50	.6	5	11	1623	2.62	17	<8	<2	12	86	.2	<3	<3	58	2.79	.060	15	20	1.07	147	.02	<3	1.30	.05	.23	2	12.9
4619	2	7	55	25	1.4	3	3	1122	1.82	18	<8	<2	10	178	.2	<3	<3	23	2.78	.049	10	14	.28	198	.05	<3	1.18	.01	.41	<2	14.8
4620	3	16	10	41	.8	5	10	1976	2.33	28	<8	<2	11	100	<.2	<3	<3	44	2.74	.057	13	16	.84	136	.02	<3	1.17	.03	.29	2	20.4
4621	5	4	28	5	2.6	2	2	1312	.49	18	<8	<2	9	63	.2	<3	<3	<1	2.17	.006	18	11	.03	69	<.01	<3	.38	<.01	.40	<2	39.5
4622	4	9	6	53	.5	6	11	1340	2.54	12	<8	<2	11	98	.3	<3	<3	49	2.74	.061	13	21	1.06	184	.02	<3	1.35	.04	.26	<2	8.8
4623	4	7	8	55	.6	6	12	1343	2.82	18	<8	<2	11	117	.2	<3	4	50	2.98	.062	15	17	1.06	149	.01	<3	1.53	.06	.33	<2	7.3
4624	5	6	10	71	1.4	5	11	1785	2.76	18	<8	<2	12	103	.4	4	<3	42	2.96	.065	13	16	1.00	260	.01	<3	1.41	.07	.19	2	18.5
4625	15	5	13	13	.8	2	2	826	.68	20	<8	<2	8	45	<.2	3	<3	3	1.47	.008	16	7	.20	646	<.01	<3	.51	.01	.37	<2	21.3
4626	3	8	3	40	<.3	6	10	693	2.53	<2	8	<2	10	58	<.2	4	<3	72	1.32	.061	13	18	.89	108	.12	<3	1.08	.08	.14	2	3.0
4627	3	9	9	41	<.3	7	10	626	2.59	<2	<8	<2	11	74	<.2	<3	<3	75	1.43	.064	12	22	1.01	147	.13	<3	1.22	.09	.13	<2	.9
4628	3	6	7	47	<.3	6	11	754	2.64	<2	<8	<2	12	77	<.2	<3	<3	65	1.81	.061	12	19	1.16	169	.09	<3	1.41	.08	.14	2	1.1
4629	8	10	6	7	<.3	2	2	149	.48	<2	21	<2	33	27	<.2	<3	<3	5	.56	.003	13	9	.11	192	.01	<3	.27	.07	.14	<2	2.1
4630	2	5	10	49	<.3	5	11	797	2.46	2	<8	<2	14	75	.2	<3	<3	50	2.39	.059	13	15	1.07	149	.02	<3	1.35	.05	.23	<2	1.2
RE 4630	2	5	11	50	.3	5	11	792	2.45	<2	<8	<2	14	75	.2	<3	<3	52	2.38	.059	14	14	1.07	149	.02	<3	1.38	.05	.24	<2	.9
RRE 4630	2	7	8	50	<.3	6	11	814	2.55	3	<8	<2	15	77	<.2	3	<3	54	2.42	.060	13	17	1.09	164	.02	<3	1.44	.06	.26	<2	.8
4631	2	4	10	49	<.3	6	11	917	2.66	9	<8	<2	11	82	<.2	4	<3	60	2.54	.065	14	17	1.17	139	.05	3	1.38	.05	.22	2	10.2
4632	2	7	131	75	3.3	6	11	978	2.65	7	<8	<2	11	106	.9	4	3	58	2.56	.062	16	22	1.12	331	.03	4	1.39	.07	.22	<2	30.6
4633	3	9	10	56	.6	4	11	1005	2.48	2	<8	<2	13	118	<.2	4	<3	54	2.50	.055	17	13	1.10	732	.03	<3	1.34	.06	.20	2	10.5
4634	4	10	8	50	.3	6	11	867	2.74	3	<8	<2	9	90	.2	3	<3	74	1.87	.064	13	17	1.19	236	.10	<3	1.34	.09	.13	<2	6.7
4635	4	6	7	58	<.3	5	10	837	2.77	<2	<8	<2	9	78	<.2	3	<3	73	2.02	.063	11	16	1.21	147	.06	<3	1.32	.07	.14	2	.6
4636	2	11	7	67	.3	5	10	1211	2.68	4	<8	<2	10	93	.3	<3	<3	57	2.79	.062	15	16	1.15	288	.01	<3	1.44	.06	.24	<2	.7
4637	5	4	63	56	1.7	1	4	1864	1.09	25	<8	<2	7	77	.6	<3	<3	8	2.09	.046	19	4	.19	131	.01	<3	.88	.04	.43	<2	101.5
STANDARD DS3	11	126	36	162	<.3	35	12	844	3.25	30	10	<2	4	29	5.9	6	5	81	.56	.097	18	185	.62	146	.09	4	1.79	.04	.18	4	20.4

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE R150 60C AU* BY ACID LEACHED, ANALYZE BY ICP-MS. (10 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 3 2001 **DATE REPORT MAILED:** Oct 11/01 **SIGNED BY:** .....D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data ✓ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
4638	2	9	22	66	1.9	5	11	2454	2.56	27	<8	<2	11	100	.5	<3	<3	30	3.80	.069	13	10	1.11	145	<.01	<3	1.60	.02	.37	<2	20.8
4639	3	15	9	57	1.3	5	11	1127	2.65	7	<8	<2	11	84	.2	<3	3	59	2.37	.065	12	17	1.08	244	.04	<3	1.44	.06	.24	<2	7.5
4640	2	15	7	61	1.3	5	13	1082	3.00	6	<8	<2	10	90	.4	3	<3	63	2.73	.068	12	14	1.17	245	.05	<3	1.50	.07	.20	2	8.0
4641	6	10	33	62	3.1	5	12	1433	2.74	33	<8	<2	11	86	.6	<3	<3	56	2.50	.064	13	11	.98	289	.03	<3	1.34	.05	.24	2	37.8
4642	4	9	9	50	.6	5	11	1379	2.69	7	<8	<2	12	93	.2	3	<3	55	2.44	.064	13	16	1.09	466	.04	<3	1.60	.06	.27	3	4.3
4643	4	9	5	44	.5	5	11	890	2.57	5	<8	<2	12	69	<.2	<3	<3	64	1.66	.067	11	14	1.11	116	.08	<3	1.38	.06	.17	2	5.9
4644	3	6	6	47	.4	5	11	837	2.72	3	<8	<2	10	72	<.2	3	<3	72	1.89	.066	10	16	1.11	161	.09	<3	1.36	.08	.15	<2	1.3
4645	3	17	11	49	.6	5	12	948	2.89	6	<8	<2	10	71	.2	3	<3	79	2.17	.066	11	14	1.28	77	.07	3	1.48	.07	.16	3	8.4
4646	2	21	238	98	36.9	6	12	1045	2.78	17	<8	<2	9	80	.9	3	<3	65	2.20	.066	10	14	1.23	151	.06	3	1.51	.06	.22	3	528.0
RE 4646	3	22	248	101	37.7	5	12	1073	2.85	19	<8	2	10	82	1.0	3	<3	66	2.25	.067	10	14	1.26	152	.07	<3	1.55	.06	.22	2	654.0
RRE 4646	2	20	229	93	37.9	6	12	1049	2.76	19	<8	<2	9	80	.9	3	<3	66	2.23	.066	10	17	1.24	170	.07	<3	1.49	.05	.20	2	537.1
4647	5	56	13	95	1.9	6	16	1508	3.58	6	<8	<2	8	97	.3	4	<3	102	2.99	.067	9	18	1.97	110	.13	<3	2.03	.07	.16	2	25.0
4648	3	11	6	38	<.3	6	10	654	2.62	3	<8	<2	11	69	<.2	<3	3	79	1.38	.068	11	21	.99	111	.12	<3	1.15	.07	.12	2	6.8
4649	55	2023	27754	21921	236.0	1886	43	1136	7.34	34190	<8	4	<2	23	527.9	975	49	34	.49	.009	5	2095	.18	43	<.01	3	.68	<.01	.21	<2	8910.2
4650	4	19	<3	44	<.3	26	7	366	1.91	6	<8	<2	<2	41	<.2	<3	3	55	.80	.050	4	21	.75	78	.12	4	1.31	.11	.15	2	<.2
4651	2	12	19	56	1.0	6	12	1046	2.77	21	8	<2	10	92	.3	3	<3	63	2.62	.065	12	22	1.18	355	.04	<3	1.42	.06	.21	<2	33.3
4652	2	22	11	51	.8	5	12	819	2.46	4	<8	<2	10	104	.2	4	3	57	2.38	.067	14	16	1.11	304	.03	<3	1.33	.05	.20	2	7.8
4653	1	5	4	54	<.3	5	12	998	2.61	11	<8	<2	11	120	.3	3	3	49	2.78	.067	15	12	1.14	205	.03	3	1.51	.05	.29	<2	17.7
4654	3	7	5	49	<.3	5	12	867	2.61	7	<8	<2	10	94	.2	<3	3	60	2.39	.067	14	16	1.14	227	.03	<3	1.40	.05	.21	2	6.0
4655	3	9	5	56	<.3	5	13	1092	2.81	11	<8	<2	9	118	.3	<3	<3	50	3.37	.070	15	13	1.25	462	.01	<3	1.63	.03	.32	2	9.8
4656	3	14	4	50	<.3	6	13	1168	2.91	5	<8	<2	11	122	<.2	<3	3	72	2.88	.067	14	14	1.24	576	.01	<3	1.49	.05	.21	2	4.7
4657	2	13	9	43	<.3	6	12	812	2.67	3	<8	<2	12	132	<.2	<3	<3	63	2.42	.066	17	13	1.16	421	.02	<3	1.49	.06	.21	2	2.2
4658	3	14	3	41	<.3	4	12	801	2.56	2	<8	<2	11	94	<.2	<3	<3	57	2.59	.064	14	13	1.12	429	.02	3	1.38	.04	.20	<2	2.6
4659	3	14	5	45	<.3	5	12	910	2.59	4	<8	<2	12	96	<.2	4	<3	56	2.65	.065	14	13	1.13	303	.02	<3	1.44	.05	.26	3	3.6
4660	2	10	21	48	.5	6	10	646	2.47	2	<8	<2	11	87	<.2	<3	<3	70	1.51	.064	11	16	1.07	193	.11	<3	1.26	.07	.12	4	4.6
4661	3	7	19	58	.6	5	12	999	2.74	6	<8	<2	10	111	.4	4	<3	59	2.86	.066	14	13	1.21	515	.01	<3	1.52	.05	.25	2	4.2
4662	3	10	7	45	.3	5	11	896	2.48	7	<8	<2	9	91	<.2	<3	<3	56	2.64	.065	12	15	.99	150	.04	<3	1.28	.04	.23	3	3.1
RE 4662	3	10	5	46	.6	4	11	929	2.59	7	<8	<2	11	95	.2	<3	<3	60	2.72	.068	13	12	1.02	156	.05	<3	1.34	.04	.25	2	3.2
RRE 4662	2	17	7	47	.4	5	12	910	2.58	4	<8	<2	10	94	.2	3	<3	60	2.62	.066	12	11	1.03	168	.05	<3	1.39	.05	.28	2	2.6
4663	3	7	8	41	<.3	5	11	728	2.66	5	<8	<2	11	80	<.2	<3	<3	64	2.17	.066	15	15	1.06	99	.05	<3	1.36	.06	.19	2	1.5
4664	3	5	8	44	<.3	5	12	794	2.83	3	<8	<2	11	108	.2	<3	<3	69	2.42	.067	14	13	1.27	125	.06	<3	1.64	.06	.16	2	.8
4665	3	11	8	49	<.3	5	14	768	2.57	<2	<8	<2	10	83	<.2	<3	<3	46	2.15	.068	12	15	1.42	86	.03	<3	1.83	.05	.17	2	.6
4666	3	8	4	46	.6	5	11	1061	2.78	2	<8	<2	12	102	<.2	<3	4	49	3.97	.063	19	10	1.33	99	<.01	<3	1.79	.04	.30	2	1.7
4667	2	16	8	51	<.3	5	12	824	2.83	<2	<8	<2	11	71	<.2	<3	<3	68	2.21	.065	13	12	1.28	151	.04	<3	1.66	.05	.14	2	.9
STANDARD DS3	10	125	36	161	.3	36	13	830	3.24	29	9	<2	4	28	5.6	6	4	80	.56	.098	17	185	.62	141	.09	4	1.79	.04	.17	6	24.6

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

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

Data ___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
4668	2	41	7	51	.3	5	12	943	2.75	<2	<8	<2	10	75	<.2	<3	<3	62	2.56	.061	13	13	1.15	182	.02	<3	1.57	.07	.19	<2	1.1
4669	2	19	9	54	<.3	4	10	898	2.52	<2	<8	<2	10	73	.3	<3	<3	57	2.07	.063	13	11	1.16	83	.05	3	1.43	.06	.12	2	1.2
4670	2	24	8	59	<.3	4	11	974	2.66	<2	<8	<2	11	78	<.2	<3	<3	54	2.65	.062	15	13	1.18	110	.02	<3	1.55	.05	.21	<2	2.0
4671	2	12	9	50	<.3	4	10	930	2.63	2	<8	<2	9	107	.2	<3	3	53	2.59	.056	18	12	1.11	238	<.01	<3	1.46	.05	.21	<2	1.8
4672	2	12	9	105	.8	1	11	1299	4.80	4	<8	<2	3	134	<.2	<3	<3	72	3.08	.219	28	3	.94	154	.03	<3	2.00	.09	.27	2	1.7
4673	3	14	6	107	.5	1	11	1092	4.95	5	<8	<2	3	119	.2	<3	3	85	2.52	.220	26	6	1.03	173	.04	<3	1.99	.12	.19	<2	1.2
4674	3	14	5	109	.6	1	10	1080	4.73	5	<8	<2	3	121	<.2	<3	3	82	2.37	.211	25	4	1.00	175	.05	<3	1.93	.12	.18	<2	1.1
4675	2	12	5	105	.7	2	11	1017	4.82	4	<8	<2	3	118	<.2	<3	<3	79	2.39	.214	29	3	1.01	120	.03	<3	1.91	.10	.19	<2	.9
4676	2	12	7	107	.9	2	11	1045	4.87	<2	<8	<2	5	134	<.2	<3	<3	77	2.43	.218	31	5	1.03	193	.02	<3	1.96	.10	.21	2	1.4
4677	4	4	6	48	.3	11	11	1787	2.87	15	<8	<2	10	125	<.2	<3	<3	44	2.79	.060	19	15	1.43	285	.01	<3	1.85	.07	.26	2	4.4
4678	4	13	9	101	1.0	2	10	1050	4.12	<2	<8	<2	4	94	<.2	<3	<3	46	2.06	.190	28	5	1.07	103	.01	<3	2.06	.05	.31	2	5.9
RE 4678	3	13	12	101	1.0	2	10	1062	4.16	3	<8	<2	4	95	<.2	3	<3	45	2.09	.193	29	2	1.09	105	.01	<3	2.08	.05	.31	<2	3.8
RRE 4678	3	13	11	103	.9	2	10	1044	4.06	2	<8	<2	4	92	<.2	<3	<3	42	2.04	.187	29	6	1.07	94	<.01	<3	1.97	.04	.28	2	5.8
4679	10	37	358	368	2.4	25	11	4106	3.16	34	<8	<2	6	187	6.0	<3	<3	11	6.03	.054	13	17	1.27	54	<.01	<3	1.71	.01	.32	4	33.3
4680	5	7	73	65	.7	2	2	677	.64	8	<8	<2	10	48	1.7	<3	<3	3	1.13	.014	15	8	.12	56	<.01	3	.46	.01	.31	2	9.8
4681	4	13	159	307	1.1	2	1	978	.47	12	<8	<2	9	56	9.3	<3	<3	1	1.13	.005	16	9	.02	77	<.01	<3	.41	.01	.39	4	36.4
4682	4	9	131	179	.6	2	1	904	.38	9	<8	<2	11	74	5.1	<3	3	<1	1.37	.003	13	8	.01	64	<.01	3	.44	.01	.38	4	64.5
4683	5	8	98	113	<.3	2	1	717	.40	4	<8	<2	11	54	3.6	<3	<3	<1	1.11	.003	15	5	.01	62	<.01	3	.43	.02	.39	2	17.8
4684	4	5	48	101	<.3	1	1	782	.40	7	<8	<2	10	72	3.6	<3	3	<1	1.23	.003	14	7	.01	46	<.01	<3	.31	.02	.31	3	10.4
4685	5	8	85	155	<.3	2	1	783	.57	5	<8	<2	10	75	4.7	<3	<3	1	1.24	.007	15	8	.06	53	<.01	<3	.41	.03	.33	2	25.2
4686	5	5	60	73	.4	3	3	638	.95	8	<8	<2	7	42	1.4	<3	<3	2	.92	.016	19	10	.22	55	<.01	3	.60	.02	.29	2	22.3
4687	8	15	227	222	1.2	5	2	447	.71	7	<8	<2	4	27	4.6	<3	<3	3	.60	.008	11	7	.16	38	<.01	<3	.42	.01	.21	3	15.0
4688	32	19	435	622	2.0	7	3	688	.98	7	<8	<2	4	29	12.1	<3	<3	3	.97	.011	7	10	.26	38	<.01	<3	.50	<.01	.21	8	16.1
4689	26	37	159	740	2.3	8	7	1404	1.52	17	<8	<2	6	56	11.1	3	<3	9	2.17	.029	10	10	.41	50	<.01	<3	.86	.01	.32	9	30.9
4690	91	45	628	1011	4.8	13	8	620	1.42	38	<8	<2	5	30	17.7	16	<3	8	.83	.027	9	19	.38	51	<.01	<3	.72	.01	.27	12	75.3
RE 4690	92	46	630	1006	4.7	13	8	614	1.41	36	<8	<2	4	30	17.7	14	<3	8	.83	.028	8	15	.38	51	<.01	<3	.71	<.01	.27	12	70.0
RRE 4690	90	48	663	1046	4.8	14	8	660	1.45	36	<8	<2	4	31	18.3	14	<3	8	.90	.028	8	14	.39	54	<.01	<3	.74	.01	.29	13	75.7
4691	41	51	121	457	2.4	6	5	629	1.56	16	<8	<2	10	26	6.3	<3	<3	7	.91	.042	19	10	.42	55	<.01	<3	.83	.01	.34	6	20.3
4692	12	34	230	588	2.0	35	8	830	1.72	20	10	<2	6	27	7.7	<3	3	16	1.10	.043	11	35	.64	53	<.01	<3	.99	.01	.31	7	39.6
4693	1	8	109	871	<.3	160	25	3168	5.55	16	<8	<2	<2	104	7.9	<3	<3	62	5.05	.110	9	160	2.52	34	<.01	<3	2.96	.01	.26	7	2.2
4694	3	1126	174	1493	25.2	27	21	1318	4.19	34	<8	<2	11	35	13.5	4	5	24	1.08	.056	16	33	1.20	55	<.01	3	2.13	.01	.45	18	47.5
4695	3	81	29	1124	1.6	5	8	1812	2.75	2	<8	<2	13	88	10.7	<3	<3	20	2.08	.046	21	11	.95	50	<.01	<3	1.60	.02	.32	14	4.2
4696	2	34	48	680	.6	5	9	1348	2.51	<2	<8	<2	15	81	5.6	<3	<3	29	1.65	.048	23	16	.90	107	<.01	<3	1.50	.05	.31	9	1.3
4697	3	43	33	760	1.0	5	8	1484	2.31	2	<8	<2	14	117	6.6	<3	<3	13	2.37	.049	24	11	.62	51	<.01	<3	1.27	.02	.33	10	2.3
STANDARD DS3	10	126	32	164	<.3	36	12	828	3.22	31	<8	<2	4	28	5.4	5	5	78	.55	.097	18	184	.61	152	.09	<3	1.76	.04	.17	3	19.1

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

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

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
4698	5	40	67	579	2.0	6	9	1384	2.64	<2	<8	<2	14	70	5.2	<3	4	30	1.56	.047	24	13	.91	58	<.01	<3	1.62	.05	.36	<2	2.1
4699	58	2094	15631	22046	160.3	2447	50	1207	7.71	35350	<8	6	<2	23	524.7	1018	41	40	.51	.010	6	2423	.19	42	<.01	<3	.65	<.01	.22	<2	7525.1
4700	2	19	<3	43	<.3	31	7	380	1.95	7	<8	<2	<2	41	.2	<3	<3	56	.82	.050	5	45	.76	78	.12	<3	1.32	.10	.15	2	.6
4701	7	37	59	457	1.4	6	9	1486	2.38	6	<8	<2	14	81	4.1	<3	<3	33	1.88	.048	23	17	.92	77	<.01	<3	1.52	.04	.27	<2	13.9
4702	17	30	86	358	8.1	9	10	1430	2.70	3	<8	<2	14	75	3.0	<3	18	34	1.87	.052	23	15	.95	61	<.01	<3	1.64	.03	.34	10	8.1
4703	8	20	66	384	.3	30	15	1755	3.32	3	<8	<2	4	99	2.0	<3	3	51	2.57	.086	17	39	1.33	82	.01	4	2.55	.02	.52	3	7.2
4704	3	178	316	1401	9.0	10	12	1592	3.20	4	<8	<2	12	54	15.7	<3	10	44	1.22	.055	17	14	1.05	104	.02	<3	1.92	.04	.28	2	7.5
4705	<1	57	38	867	1.5	5	10	1574	2.83	7	<8	<2	13	62	9.1	<3	<3	52	1.87	.048	17	14	1.05	51	.01	<3	1.73	.05	.21	<2	5.9
4706	6	39	107	551	3.3	6	9	1627	3.00	5	<8	<2	13	62	5.4	<3	8	48	1.80	.050	20	11	1.06	52	.01	<3	1.89	.05	.25	2	7.9
RE 4706	6	40	106	563	3.7	5	9	1671	3.07	5	<8	<2	14	64	5.4	<3	9	50	1.85	.052	20	11	1.09	54	.01	3	1.95	.06	.26	<2	3.6
RRE 4706	7	38	118	558	3.8	5	9	1662	3.02	3	<8	<2	13	61	5.2	<3	9	49	1.82	.051	19	15	1.09	47	.01	<3	1.88	.05	.23	3	3.5
4707	2	66	146	945	2.9	14	13	1690	3.40	10	8	<2	11	63	9.5	<3	5	58	1.83	.061	17	27	1.40	66	.02	<3	2.18	.06	.24	3	4.8
4708	2	28	45	400	.4	6	12	1313	2.62	9	10	<2	14	78	3.4	<3	<3	48	2.09	.052	16	19	1.11	68	.04	<3	1.83	.05	.20	2	10.8
4709	2	883	65	1147	13.7	6	12	1577	3.06	4	13	<2	14	65	10.6	4	28	56	1.83	.051	15	13	1.26	98	.05	4	1.99	.07	.21	<2	47.2
4710	11	194	52	1302	2.7	5	8	1637	2.87	5	<8	<2	13	64	13.4	<3	<3	43	2.48	.047	17	12	.92	89	.01	<3	1.81	.05	.28	2	6.6
4711	12	5556	1563	1530	196.2	5	22	1567	3.80	8	<8	<2	12	60	17.7	10	154	47	2.13	.045	11	11	1.00	53	<.01	<3	1.81	.05	.27	<2	270.7
4712	2	87	14	451	1.3	6	9	1358	2.66	2	<8	<2	14	61	4.3	<3	3	54	1.96	.048	18	16	1.04	67	.01	<3	1.58	.05	.18	2	7.5
4713	14	80	156	373	1.7	6	10	1130	2.23	4	8	<2	14	73	4.5	<3	<3	41	2.04	.048	19	14	.89	65	.02	3	1.51	.05	.25	2	31.1
4714	3	348	73	439	8.4	6	10	1294	2.66	3	<8	<2	13	63	4.6	<3	4	39	1.91	.051	19	15	.93	52	<.01	<3	1.62	.04	.25	2	8.6
4715	3	3361	713	1070	83.3	5	16	1511	3.29	8	8	<2	11	57	13.1	4	47	34	2.64	.043	11	12	.89	38	<.01	<3	1.65	.04	.27	<2	40.2
4716	2	404	46	485	6.1	5	11	1129	2.60	2	<8	<2	14	70	4.9	<3	3	56	1.96	.049	14	14	1.01	59	.06	<3	1.54	.05	.17	<2	7.3
4717	1	109	25	280	1.1	6	10	1079	2.44	2	<8	<2	14	70	2.6	<3	<3	56	1.99	.048	17	15	1.10	74	.04	<3	1.50	.06	.17	<2	3.1
4718	2	62	211	289	.6	13	11	997	2.45	<2	<8	<2	10	100	3.8	<3	<3	58	1.91	.074	12	24	1.24	115	.11	<3	1.70	.09	.15	<2	2.7
4719	2	52	27	188	<.3	6	11	982	2.29	2	<8	<2	12	92	1.5	<3	<3	40	2.00	.053	15	16	1.19	124	.04	<3	1.64	.05	.22	5	1.0
4720	4	33	53	195	.5	5	11	1072	2.14	3	<8	<2	14	87	2.0	<3	<3	38	2.12	.052	15	15	1.08	77	.03	<3	1.52	.04	.23	4	1.4
STANDARD DS3	10	131	32	168	<.3	39	13	863	3.37	34	10	<2	5	30	5.7	5	5	83	.58	.099	20	187	.64	147	.09	4	1.90	.04	.18	7	21.0

Sample type: CORE R150 60C. 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

[redacted]LYT[redacted] LA[redacted]TOR[redacted] LTD[redacted] [redacted]E. [redacted]ING[redacted]T. V[redacted]OUV[redacted]C [redacted]1R6[redacted] PH[redacted](60[redacted]3-3[redacted] FAX[redacted])25[redacted]716[redacted]
(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103498R

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Ag** gm/mt	Au** gm/mt
4699	1506.6	9.75
4711	201.0	.26
RE 4711	201.9	.27

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: CORE PULP
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 16 2001 **DATE REPORT MAILED:** Oct 17/01 **SIGNED BY.....** D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data V FA

[redacted]ME [redacted]YT[redacted] LA[redacted]TOR[redacted]LTD[redacted] 8[redacted]E. [redacted]ING[redacted]. V[redacted]OUVE[redacted]C [redacted]1R6[redacted] PH[redacted](604[redacted]3-3[redacted]FAX[redacted])25[redacted]16[redacted]
(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103498R2

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Ag** gm/mt	Au** gm/mt
4646	40.3	1.03

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: CORE PULP

DATE RECEIVED: NOV 9 2001 **DATE REPORT MAILED:** Nov 16/01 **SIGNED BY.** C. Leong **.D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS**

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

Data ✓ FA

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

GEOCHEMICAL ANALYSIS CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103533 Page 1

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
SI	1	1	6	4	<.3	2	<1	7	.04	<2	<8	<2	<2	3	<.2	<3	<3	1	.16	<.001	<1	6	.01	4	<.01	<3	.02	.68	.01	<2	<.2
4721	79	425	329	510	9.7	10	10	2015	2.19	12	<8	<2	8	165	7.7	<3	13	43	5.30	.044	9	21	.73	19	<.01	<3	1.17	.03	.20	<2	10.0
4722	3	335	271	1069	8.2	5	9	1639	2.85	<2	<8	<2	13	57	14.9	<3	6	41	1.47	.045	14	28	.92	78	.01	<3	1.75	.05	.33	<2	15.7
4723	3	301	159	1057	11.5	6	16	1442	2.95	6	<8	<2	18	61	13.5	<3	12	54	1.69	.047	15	26	1.02	69	.03	<3	1.66	.05	.17	<2	17.0
4724	5	230	34	371	4.1	5	10	1632	3.16	2	<8	<2	10	84	4.0	<3	3	51	1.83	.046	14	20	1.01	80	.01	<3	1.75	.04	.23	<2	5.5
4725	4	313	98	516	6.8	6	12	1602	3.55	<2	<8	<2	11	88	5.8	<3	7	52	1.65	.052	16	22	1.07	93	.01	3	1.88	.04	.29	2	3.6
4726	6	347	60	1221	5.0	5	10	1651	2.78	2	<8	<2	10	115	14.2	<3	3	41	2.80	.045	15	20	.89	85	<.01	<3	1.50	.05	.26	<2	3.6
4727	4	55	87	945	2.3	4	9	1659	3.08	2	8	<2	12	114	12.8	<3	6	39	2.26	.046	17	21	.94	64	<.01	<3	1.71	.04	.30	<2	2.4
4728	3	19	17	471	.6	5	10	1446	2.76	<2	8	<2	12	92	4.7	<3	6	44	2.05	.047	17	26	1.01	83	.01	<3	1.67	.05	.26	<2	2.9
4729	2	25	29	371	.6	5	10	1526	2.67	2	<8	<2	11	120	3.6	<3	<3	45	2.58	.047	16	27	.98	70	.01	<3	1.61	.04	.27	<2	.9
4730	2	56	257	1437	2.6	7	10	1730	3.20	<2	<8	<2	13	107	19.2	<3	8	46	2.30	.052	18	27	1.10	90	<.01	<3	1.83	.04	.28	<2	7.0
RE 4730	1	56	250	1422	1.9	7	10	1705	3.15	<2	<8	<2	12	105	19.1	<3	5	45	2.26	.051	17	28	1.08	89	<.01	<3	1.80	.04	.28	<2	9.0
RRE 4730	3	55	252	1346	2.0	6	10	1677	3.11	<2	11	<2	13	102	18.1	<3	4	43	2.22	.051	17	13	1.08	83	<.01	<3	1.75	.03	.26	<2	3.5
4731	3	58	50	961	1.5	8	11	1641	2.89	6	10	<2	12	130	10.1	<3	<3	43	2.89	.054	14	24	1.10	103	.01	<3	1.73	.04	.24	<2	3.1
4732	4	24	15	556	.6	5	9	1092	2.19	4	9	<2	12	112	4.8	<3	5	40	1.87	.045	13	20	.95	96	.06	<3	1.53	.05	.20	<2	1.0
4733	3	37	63	418	1.2	4	6	1125	2.24	6	<8	<2	15	79	4.2	<3	3	33	2.01	.035	17	9	.69	63	<.01	<3	1.27	.04	.22	<2	5.7
4734	2	8	18	401	.6	5	9	1207	2.61	2	<8	<2	11	85	3.5	<3	7	47	1.92	.048	16	12	1.02	78	.02	<3	1.57	.04	.19	<2	.8
4735	2	105	30	450	2.0	5	10	1298	2.79	2	<8	<2	10	79	4.2	<3	4	48	1.94	.050	15	12	1.08	62	.02	<3	1.66	.05	.21	3	1.3
4736	5	487	47	537	7.6	37	20	2135	5.15	3	11	<2	7	108	4.8	<3	5	106	2.29	.118	12	82	2.17	176	.13	<3	2.81	.05	.38	8	2.4
4737	2	81	19	246	1.1	67	21	2441	5.94	<2	<8	<2	2	136	1.5	<3	3	144	3.19	.158	9	125	3.06	231	.19	<3	3.80	.15	.76	35	1.2
4738	2	80	87	1273	3.3	8	10	1722	3.12	<2	8	<2	14	110	14.5	<3	5	42	2.06	.049	19	16	1.04	90	.01	<3	1.81	.04	.32	<2	5.6
4739	4	264	145	435	6.3	5	11	1637	3.26	<2	<8	<2	16	97	5.9	<3	7	35	1.57	.049	20	9	1.00	79	<.01	<3	1.80	.03	.33	<2	7.4
4740	3	363	1029	1529	14.0	4	14	1833	3.49	<2	<8	3	11	104	24.6	<3	6	35	1.88	.045	13	17	.83	89	.01	<3	1.78	.04	.37	8	4571.9
4741	2	72	65	406	1.7	5	9	1736	2.95	<2	<8	<2	14	135	5.5	<3	<3	37	2.28	.045	20	10	.93	61	<.01	<3	1.70	.03	.29	<2	9.4
4742	6	135	173	557	3.9	4	10	1470	2.74	<2	9	<2	13	106	8.1	<3	<3	32	1.85	.041	19	11	.86	62	<.01	<3	1.55	.04	.29	<2	13.3
RE 4742	6	135	176	551	4.0	4	10	1455	2.72	<2	8	<2	15	105	8.0	<3	6	31	1.84	.041	19	7	.86	62	<.01	<3	1.54	.04	.29	<2	9.8
RRE 4742	6	137	166	579	3.7	5	10	1494	2.78	2	<8	<2	16	111	8.5	<3	6	34	1.92	.041	21	30	.87	67	<.01	<3	1.60	.04	.31	<2	10.7
4743	3	4803	1024	503	149.1	5	21	1406	3.31	3	10	<2	9	105	8.3	3	117	38	1.85	.040	13	26	.95	60	<.01	<3	1.60	.04	.24	<2	49.7
4744	7	82	45	223	2.8	11	12	1282	2.47	<2	<8	<2	11	169	1.6	<3	4	29	2.71	.068	20	16	1.15	91	.01	<3	1.70	.03	.32	<2	3.6
4745	3	24	24	308	<.3	4	9	1300	2.49	<2	10	<2	13	115	2.8	<3	<3	45	2.26	.047	19	9	.98	63	.01	<3	1.52	.04	.25	<2	4.3
4746	2	27	100	648	1.6	6	10	1449	2.81	<2	<8	<2	12	90	7.6	<3	<3	55	2.07	.049	18	31	1.02	90	.01	<3	1.66	.05	.30	<2	19.1
4747	<1	41	141	464	2.1	5	10	1626	3.03	4	9	<2	12	81	5.7	3	5	63	2.10	.050	13	24	1.08	102	.06	<3	1.74	.05	.26	6	94.4
4748	1	11	16	201	.3	6	11	1238	2.62	3	<8	<2	12	78	1.5	<3	7	65	1.56	.051	9	28	1.14	148	.14	<3	1.86	.12	.38	<2	2.8
4749	54	2054	21520	21498	203.4	1951	42	1059	7.11	35370	15	4	<2	22	524.5	908	49	32	.46	.008	4	2090	.16	41	<.01	6	.61	<.01	.19	<2	9131.6
4750	1	20	7	44	<.3	26	7	360	1.85	6	10	<2	<2	42	<.2	3	<3	51	.80	.047	5	58	.72	84	.12	3	1.29	.13	.15	2	<.2
STANDARD DS3	10	124	37	156	<.3	35	12	823	3.22	31	<8	<2	3	29	5.7	5	7	80	.55	.096	18	187	.60	150	.09	<3	1.76	.04	.17	6	20.5

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE R150 60C AU* IGNITION BY ACID LEACHED, ANALYZE BY ICP-MS. (10 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 5 2001 DATE REPORT MAILED: Oct 16/01 SIGNED BY ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data ___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
4751	2	19	88	153	1.8	5	10	1649	3.33	3	<8	<2	8	96	1.1	<3	4	55	2.43	.047	11	31	1.00	93	.04	<3	1.86	.06	.23	60	15.8
4752	4	28	36	376	1.1	4	12	1378	3.07	3	<8	<2	6	73	3.5	<3	3	65	1.93	.052	9	27	1.13	101	.08	<3	1.76	.06	.23	10	64.5
4753	1	14	11	162	<.3	6	10	1004	2.30	<2	<8	<2	12	74	.9	<3	<3	54	1.55	.051	9	36	1.11	116	.11	<3	1.61	.08	.28	3	1.2
4754	3	15	11	131	<.3	4	9	894	2.26	2	<8	<2	11	103	.8	<3	6	52	1.56	.046	9	32	1.00	142	.12	<3	1.75	.10	.38	4	<.2
4755	2	15	46	270	1.9	5	11	1379	2.87	<2	8	<2	13	83	2.2	<3	6	61	1.96	.056	14	27	1.28	100	.06	<3	1.84	.06	.27	<2	25.2
4756	3	38	70	579	1.4	5	12	1115	2.34	3	<8	<2	11	80	5.4	3	4	53	1.52	.059	9	30	1.30	150	.11	<3	1.63	.05	.12	<2	2.5
4757	1	3	49	132	<.3	5	12	964	2.26	<2	<8	<2	12	97	1.2	<3	6	50	1.40	.060	11	21	1.35	130	.08	<3	1.72	.06	.34	3	1.2
4758	3	441	1504	2808	12.2	5	13	1605	3.40	<2	<8	<2	13	182	54.0	<3	18	39	2.76	.061	15	12	1.15	133	.01	<3	1.81	.04	.35	<2	33.3
4759	2	50	78	487	.7	5	12	1254	2.63	3	<8	<2	12	96	5.5	<3	3	56	1.58	.058	13	27	1.25	132	.11	<3	1.77	.07	.26	<2	2.2
4760	3	56	49	491	.7	4	11	1251	2.47	<2	<8	<2	13	76	5.2	3	5	54	1.63	.057	12	14	1.18	65	.07	<3	1.52	.05	.16	<2	3.5
4761	2	23	50	447	.5	5	10	1289	2.42	2	<8	<2	11	85	5.1	3	3	57	1.76	.058	10	15	1.20	66	.10	<3	1.63	.05	.16	<2	28.2
4762	1	30	122	479	1.5	5	11	1227	2.46	3	<8	<2	10	86	5.3	<3	9	61	1.67	.058	11	29	1.26	101	.11	<3	1.69	.05	.22	<2	3.7
RE 4762	2	31	122	482	1.5	5	12	1250	2.50	<2	<8	<2	11	87	5.4	3	6	63	1.70	.058	10	29	1.28	103	.11	<3	1.71	.06	.22	<2	2.5
RRE 4762	2	28	110	492	1.2	5	11	1231	2.47	2	<8	<2	10	83	5.5	<3	4	59	1.64	.059	10	14	1.26	99	.11	3	1.67	.05	.21	<2	2.6
4763	5	97	43	828	1.7	5	12	1429	3.13	4	<8	<2	12	90	10.1	<3	<3	68	1.60	.064	12	14	1.45	132	.12	<3	1.98	.06	.24	<2	7.4
4764	1	85	166	646	1.3	6	12	1296	2.99	3	<8	<2	11	83	10.3	<3	3	66	1.51	.059	12	23	1.26	173	.11	<3	1.81	.07	.32	<2	1.6
4765	69	272	917	713	4.7	4	8	2098	2.57	3	<8	<2	12	291	14.0	3	6	35	5.91	.054	15	21	.88	55	<.01	<3	1.50	.04	.30	<2	11.1
4766	14	270	1318	1572	38.6	5	12	1816	3.64	2	<8	<2	12	112	31.2	3	65	57	2.05	.059	20	13	1.35	65	.01	<3	2.00	.04	.26	<2	70.6
4767	4	51	175	440	1.2	5	10	1566	3.09	4	<8	<2	12	86	7.9	<3	3	55	1.70	.058	14	13	1.26	84	.05	<3	1.85	.05	.23	2	7.0
4768	6	388	1245	1547	15.2	5	17	1795	3.85	2	<8	<2	11	74	33.4	4	27	73	1.71	.058	10	23	1.27	163	.09	3	2.10	.07	.20	22	122.5
4769	3	48	25	215	.5	4	9	1176	2.44	<2	<8	<2	13	65	2.6	<3	4	51	1.45	.052	11	26	1.14	65	.09	<3	1.58	.06	.14	<2	3.4
4770	2	56	40	362	.6	5	9	1067	2.40	<2	<8	<2	15	66	3.9	<3	3	55	1.52	.052	12	32	1.07	70	.09	<3	1.45	.07	.16	<2	3.3
4771	2	45	42	321	.4	4	9	1191	2.03	5	<8	<2	15	114	3.6	3	<3	31	2.83	.048	19	32	.88	56	.01	<3	1.36	.05	.23	<2	5.7
4772	6	49	55	671	1.0	6	12	1367	2.90	3	<8	<2	12	75	8.6	3	6	55	1.61	.060	13	12	1.31	80	.09	<3	1.81	.05	.21	<2	2.4
4773	18	110	33	509	2.1	5	13	1465	3.01	5	<8	<2	12	119	6.5	3	8	41	2.66	.060	19	17	1.17	69	.01	<3	1.77	.04	.34	<2	4.4
4774	3	405	168	619	8.1	6	12	1629	3.13	2	<8	<2	14	96	9.4	4	14	42	2.32	.064	26	31	1.29	49	<.01	<3	1.91	.05	.35	<2	2.3
RE 4774	2	387	162	599	7.9	6	12	1577	3.03	3	<8	<2	12	92	9.0	3	10	41	2.24	.063	24	23	1.25	47	<.01	<3	1.85	.04	.34	<2	2.5
RRE 4774	2	390	163	601	7.7	5	12	1542	2.95	3	<8	<2	13	91	9.1	3	13	39	2.21	.061	23	22	1.22	44	<.01	<3	1.79	.04	.31	<2	3.9
4775	18	213	130	556	2.3	10	10	1493	2.61	3	<8	<2	14	99	7.3	3	5	35	2.96	.058	20	13	1.12	35	<.01	<3	1.59	.04	.30	<2	3.7
4776	6	204	323	1088	2.4	5	11	1399	2.71	11	<8	<2	10	105	16.7	3	8	33	2.58	.055	16	13	1.12	50	<.01	<3	1.75	.03	.37	<2	5.2
4777	5	94	293	1801	3.1	5	11	1664	2.82	4	<8	<2	12	153	29.0	<3	<3	39	3.94	.053	24	19	1.04	50	<.01	<3	1.74	.04	.38	<2	1.4
4778	2	71	47	764	1.3	6	11	1334	2.71	3	<8	<2	12	88	9.7	4	6	51	1.95	.059	16	27	1.26	65	.05	<3	1.71	.05	.21	<2	.4
4779	2	57	49	235	.4	5	11	1155	2.56	4	<8	<2	12	81	2.3	4	4	51	1.87	.058	15	22	1.27	83	.04	<3	1.67	.06	.27	<2	1.1
4780	2	25	95	262	1.4	4	10	1328	2.20	10	<8	<2	12	124	3.5	3	4	44	2.94	.054	14	25	1.02	52	.05	<3	1.56	.04	.21	<2	1.7
STANDARD DS3	9	127	35	158	<.3	35	12	840	3.25	32	<8	<2	4	29	5.8	5	6	81	.56	.099	19	189	.62	152	.09	<3	1.83	.04	.17	6	19.0

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

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

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
4781	21	111	44	130	.9	9	13	1138	2.45	4	<8	<2	10	86	1.0	<3	<3	53	1.38	.059	9	34	1.34	109	.11	<3	1.69	.07	.25	4	2.2
4782	1	2	23	145	<.3	34	18	1581	3.39	5	<8	<2	<2	117	.7	<3	<3	79	1.97	.103	6	67	2.11	230	.13	<3	2.28	.09	.41	4	6.5
4783	16	39	148	427	7.9	8	13	1298	2.92	6	<8	<2	11	100	5.8	<3	17	43	2.20	.058	15	30	1.19	91	.02	<3	1.80	.05	.40	<2	6.4
4784	14	31	302	295	10.8	11	14	1224	2.82	4	<8	<2	9	105	5.2	3	16	50	2.34	.073	13	26	1.26	85	.07	<3	1.78	.05	.36	<2	10.0
4785	5	6	26	232	1.0	19	15	1231	3.16	6	9	<2	8	116	2.0	3	4	70	1.79	.073	10	48	1.71	183	.14	<3	2.33	.12	.54	2	2.8
4786	163	1001	172	1199	21.0	47	26	1673	4.23	9	<8	<2	3	105	14.8	5	12	86	1.68	.095	5	103	2.27	201	.18	<3	2.59	.12	.33	4	9.8
4787	3	6	12	186	<.3	48	24	1530	4.42	9	<8	<2	4	126	1.1	5	<3	113	1.93	.138	7	73	2.49	266	.22	<3	2.91	.18	.54	<2	.8
4788	3	3	20	156	<.3	103	28	1767	4.08	11	<8	<2	3	185	.6	3	<3	109	3.97	.101	6	205	3.04	48	.19	<3	2.46	.06	.08	12	1.7
4789	5	78	956	3009	3.3	59	25	1937	5.35	16	<8	<2	3	105	54.6	<3	6	115	2.03	.123	6	100	2.52	155	.19	<3	2.89	.12	.39	7	18.0
4790	5	22	21	307	<.3	71	22	1573	4.13	8	<8	<2	4	84	3.0	<3	4	93	1.64	.099	5	159	2.57	162	.19	<3	2.68	.11	.48	3	3.1
RE 4790	4	21	11	296	.3	71	22	1567	4.12	8	<8	<2	4	84	2.8	<3	<3	90	1.63	.099	6	157	2.56	162	.19	<3	2.67	.11	.49	2	2.1
RRE 4790	4	21	14	295	<.3	71	23	1572	4.14	8	<8	<2	4	89	2.7	<3	<3	93	1.69	.101	5	153	2.57	165	.19	3	2.71	.11	.48	3	1.8
4791	2	80	731	1423	4.0	119	26	2122	4.45	21	<8	<2	2	101	22.7	3	<3	111	2.64	.104	5	272	2.97	110	.18	<3	2.66	.07	.27	<2	90.3
4792	1	3	54	156	.4	94	22	1504	3.03	10	<8	<2	3	84	1.1	3	4	88	1.85	.104	5	230	2.39	84	.18	4	2.05	.09	.13	4	1.2
4793	3	673	3237	6492	20.4	127	26	4575	7.19	30	<8	<2	<2	55	105.9	6	7	151	2.22	.097	5	281	3.82	44	.10	<3	4.02	.02	.13	<2	70.7
4794	3	8	102	256	.9	84	24	1871	4.37	14	<8	<2	6	120	2.7	5	<3	118	2.41	.104	8	194	2.84	218	.21	<3	3.18	.16	.74	9	3.5
4795	5	55	30	148	1.5	7	10	841	2.16	5	<8	<2	16	66	1.4	<3	<3	51	1.08	.046	11	32	1.23	88	.13	<3	1.50	.08	.18	5	1.9
4796	58	2173	21950	22505	200.5	2071	42	1096	7.41	38290	27	<2	<2	23	549.7	952	47	32	.48	.009	5	1980	.17	44	<.01	4	.52	<.01	.21	<2	8851.7
4797	2	20	6	40	<.3	27	7	364	1.90	6	<8	<2	2	42	.2	<3	<3	52	.81	.047	4	59	.74	86	.12	7	1.29	.12	.15	2	<.2
4798	4	43	29	457	1.2	29	12	1041	2.34	5	<8	<2	12	84	5.7	3	<3	61	1.73	.049	8	92	1.53	73	.13	<3	1.71	.08	.11	<2	11.3
4799	3	18	32	479	.3	87	22	2022	4.83	9	<8	<2	7	124	5.0	<3	<3	119	2.76	.079	9	211	3.12	104	.14	<3	3.25	.09	.28	<2	6.2
4800	11	263	81	306	7.5	10	9	790	1.66	3	<8	<2	17	89	4.3	3	5	27	2.26	.031	17	44	.74	40	.01	<3	1.12	.04	.24	<2	11.8
4801	6	1331	2031	579	154.4	112	28	2066	5.84	11	<8	<2	3	115	8.5	5	311	123	2.48	.104	8	230	3.27	132	.15	3	3.35	.06	.41	<2	17.6
4802	3	5	10	104	<.3	95	22	1413	3.42	7	<8	<2	2	95	.2	3	3	93	2.04	.119	5	197	2.80	127	.17	<3	2.49	.12	.25	4	3.5
RE 4802	2	6	9	104	<.3	96	21	1423	3.44	7	<8	<2	3	95	.3	<3	<3	93	2.06	.120	6	192	2.82	127	.17	<3	2.51	.12	.25	3	2.4
RRE 4802	2	12	18	112	1.1	98	22	1460	3.55	8	<8	<2	3	99	.2	4	<3	96	2.12	.123	7	202	2.90	134	.18	3	2.59	.12	.27	3	2.9
4803	4	223	3800	5243	13.1	116	30	3306	6.79	26	<8	5	2	151	99.2	13	4	158	3.77	.111	10	228	3.92	109	.08	<3	4.02	.06	.30	<2	3174.1
4804	2	25	195	388	1.4	103	27	2585	4.89	30	<8	<2	3	215	5.7	3	<3	142	5.23	.112	8	213	2.99	131	.11	<3	2.99	.09	.26	<2	13.4
4805	4	117	36	262	1.7	71	33	2165	5.61	23	<8	<2	2	139	2.0	<3	<3	134	2.22	.143	8	114	3.24	136	.16	<3	3.47	.09	.21	2	21.3
4806	6	148	1230	3145	4.0	122	31	2608	4.60	31	<8	<2	<2	225	49.7	4	<3	90	6.42	.090	5	205	2.58	21	.19	3	2.61	.03	.04	8	9.0
4807	3	1	10	109	<.3	108	22	1314	3.15	15	<8	<2	3	92	.2	4	<3	77	1.88	.101	6	228	2.49	97	.20	3	2.27	.16	.15	3	6.0
4808	9	<1	13	193	<.3	122	32	2142	5.85	17	8	<2	3	120	.8	4	<3	141	3.01	.114	7	251	3.83	57	.22	6	3.42	.11	.09	<2	3.4
4809	2	23	6	113	.3	89	23	1266	3.21	13	<8	<2	4	88	.3	<3	<3	89	1.53	.111	6	188	2.54	64	.20	3	2.33	.15	.11	5	1.8
4810	3	11	12	120	<.3	60	18	1168	2.93	11	<8	<2	3	91	.6	3	<3	82	1.75	.132	7	110	2.07	60	.19	<3	1.92	.09	.10	2	2.5
STANDARD DS3	10	132	35	161	<.3	37	13	864	3.37	31	<8	<2	4	30	5.8	6	5	83	.58	.098	17	186	.64	159	.09	6	1.88	.04	.18	6	19.0

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

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

Data FA

ACME ANALYTICAL LABORATORIES LTD. [redacted] E. [redacted]ING [redacted]. V[redacted]UVE[redacted]C V[redacted]1R6 [redacted] PH[redacted]604[redacted]3-31[redacted]FAX[redacted])25[redacted]16 [redacted]
(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103533R

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Ag** gm/mt	Au** gm/mt
4740	15.0	5.48
4743	142.7	.05
4801	156.4	.03
4803	12.8	4.03
RE 4803	11.9	4.14
STANDARD R-1/AU-1	99.1	3.21

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: CORE PULP
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 17 2001 **DATE REPORT MAILED:** Oct 22/01 **SIGNED BY.....** D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data FA VINS

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

GEOCHEMICAL ANALYSIS CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103551 Page 1

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
SI	<1	<1	3	2	<.3	<1	<1	16	.04	<2	<8	<2	<2	2	<.2	<3	<3	<1	.07	<.001	1	2	<.01	2	.02	6	.01	.36	<.01	<2	.7
1728	11	13	154	189	.9	1	1	265	.36	12	<8	<2	9	23	3.7	<3	<3	2	.45	.003	14	27	.03	37	.01	5	.37	.01	.31	4	26.6
1729	12	16	239	391	.7	5	1	436	.51	15	<8	<2	10	29	7.6	<3	<3	4	.63	.004	15	36	.08	35	.01	5	.40	.01	.31	<2	39.2
1730	8	51	181	408	1.9	73	13	2024	2.51	24	<8	<2	5	120	6.1	<3	<3	28	2.68	.053	10	88	1.12	63	<.01	4	1.52	.01	.36	2	18.4
1731	5	95	1947	2330	9.5	122	21	2864	4.38	138	<8	<2	3	107	36.2	<3	<3	47	3.23	.097	8	125	1.96	60	<.01	<3	2.40	.01	.37	<2	238.6
1732	15	504	5384	12378	64.4	96	16	3129	6.18	6711	<8	6	<2	113	236.3	6	20	35	3.46	.063	4	99	.87	29	<.01	<3	1.59	.01	.24	<2	2483.6
1733	10	720	3277	10187	52.8	177	28	3472	7.43	590	<8	<2	<2	97	125.0	5	29	48	3.29	.106	5	121	1.06	36	<.01	<3	1.93	.01	.37	<2	584.4
1734	38	141	1191	5040	10.9	115	17	3955	5.94	112	<8	<2	2	161	68.4	<3	4	49	4.59	.088	7	123	1.69	42	<.01	<3	2.65	.01	.34	<2	521.2
1735	39	207	547	4007	6.8	88	14	2523	4.50	12	<8	<2	5	120	52.5	<3	4	41	2.35	.072	13	135	1.53	51	<.01	3	2.31	.01	.37	<2	23.7
1736	10	166	149	989	2.6	2	1	132	.39	10	<8	<2	10	19	14.5	<3	<3	3	.25	.003	15	40	.03	55	<.01	<3	.35	.01	.34	<2	34.2
RE 1736	10	166	150	980	2.4	2	1	125	.38	10	<8	<2	10	18	14.4	<3	<3	2	.25	.003	15	41	.03	55	<.01	<3	.35	.01	.34	<2	30.5
RRE 1736	10	164	150	976	3.3	5	1	128	.45	8	<8	<2	10	18	14.4	<3	<3	3	.24	.003	15	46	.03	59	<.01	3	.39	.01	.36	<2	33.1
1737	7	33	180	281	1.0	1	1	127	.43	5	11	<2	11	32	4.3	<3	<3	1	.34	.003	14	41	.02	47	<.01	4	.33	.02	.31	<2	25.4
1738	7	52	126	344	1.2	5	2	112	.47	4	<8	<2	10	22	5.2	<3	<3	2	.25	.003	14	49	.02	56	<.01	4	.35	.01	.34	2	11.0
1739	7	162	88	634	3.5	2	2	265	.30	3	<8	<2	10	67	9.1	<3	<3	2	.95	.004	15	37	.01	56	<.01	5	.32	.01	.33	<2	23.3
1740	7	231	305	1234	7.1	3	2	561	.37	3	<8	<2	9	119	17.2	<3	<3	2	2.10	.003	12	39	.02	53	<.01	<3	.35	.01	.33	<2	174.5
1741	10	70	449	964	2.6	5	7	1421	2.18	11	<8	<2	12	95	13.1	<3	<3	15	2.12	.042	18	40	.65	53	<.01	<3	1.32	.01	.39	<2	30.9
1742	19	54	136	261	1.5	5	2	382	.45	3	<8	<2	9	55	4.1	<3	<3	3	1.04	.003	11	55	.02	57	<.01	<3	.32	.01	.31	2	9.4
1743	5	52	545	378	1.0	1	1	358	.28	2	11	<2	10	54	6.5	<3	<3	1	1.08	.003	12	36	.01	49	<.01	<3	.31	.01	.30	2	10.7
1744	69	71	239	639	1.7	6	4	1201	1.53	4	<8	<2	12	62	9.5	<3	<3	7	1.57	.020	11	39	.30	83	<.01	<3	.78	.01	.35	2	49.7
1745	38	64	242	1051	1.7	4	7	1607	2.53	2	<8	<2	13	84	15.7	<3	3	19	1.89	.044	17	28	.77	46	<.01	<3	1.42	.02	.36	<2	28.4
1746	8	8	105	108	.3	4	1	343	.33	2	<8	<2	11	28	1.7	<3	3	3	.99	.005	14	50	.03	52	<.01	4	.37	.01	.33	3	6.7
1747	14	21	167	177	.8	1	1	210	.26	<2	<8	<2	10	38	3.0	<3	<3	2	.75	.003	12	42	.01	59	<.01	<3	.29	.01	.30	3	7.4
1748	17	13	242	194	1.0	5	1	100	.43	4	<8	<2	9	17	3.3	<3	<3	2	.18	.003	12	48	.02	65	<.01	<3	.31	.03	.29	6	20.2
RE 1748	18	13	246	200	.9	5	1	101	.43	4	<8	<2	9	17	3.1	<3	<3	2	.18	.003	13	50	.02	67	<.01	<3	.30	.03	.36	5	15.5
RRE 1748	18	13	241	201	1.3	2	1	94	.37	4	<8	<2	10	17	3.2	<3	<3	2	.18	.003	13	42	.02	64	<.01	4	.30	.03	.28	<2	26.6
1749	53	2108	25267	22111	199.6	1909	42	1126	7.38	34630	<8	5	<2	22	515.5	918	44	33	.47	.009	6	2053	.18	42	<.01	5	.65	<.01	.20	<2	9263.1
1750	3	18	4	41	<.3	29	7	361	1.89	3	<8	<2	<2	41	.2	<3	<3	53	.80	.048	5	70	.74	81	.12	5	1.29	.11	.15	2	<.2
1751	6	8	130	126	<.3	2	1	144	.24	4	<8	<2	10	27	2.0	<3	<3	1	.47	.003	13	38	.01	121	<.01	3	.36	.03	.32	3	18.9
1752	7	15	92	144	.4	4	1	210	.33	2	<8	<2	10	27	2.2	<3	<3	2	.57	.003	12	47	.02	67	<.01	<3	.33	.03	.33	4	10.4
1753	16	16	212	250	1.0	1	1	302	.29	4	<8	<2	10	37	4.3	<3	<3	3	.81	.004	13	39	.04	52	<.01	<3	.33	.01	.32	2	6.3
1754	9	14	57	83	1.8	2	2	4272	.49	6	<8	<2	4	468	1.5	<3	<3	3	14.80	.003	12	24	.02	33	<.01	<3	.27	.01	.20	3	13.0
1755	10	45	231	689	1.8	4	6	1639	2.49	5	<8	<2	10	105	9.5	<3	<3	26	2.77	.036	12	38	.73	33	<.01	<3	1.37	.01	.30	<2	55.3
1756	10	54	262	1267	4.9	7	8	1836	3.04	3	<8	<2	12	149	16.3	<3	8	26	3.17	.044	16	37	.87	53	<.01	<3	1.67	.02	.36	<2	8.0
STANDARD DS3	10	125	33	162	<.3	37	12	826	3.24	31	8	<2	4	28	5.7	4	6	83	.55	.096	18	185	.62	144	.09	3	1.80	.04	.17	6	18.4

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE R150 60C AU* IGNITION BY ACID LEACHED, ANALYZE BY ICP-MS. (10 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 9 2001 DATE REPORT MAILED: Oct 13/01 SIGNED BY: D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
1757	2	78	54	1699	2.7	5	10	1296	3.20	4	<8	<2	13	63	17.3	<3	<3	45	1.65	.042	16	34	.94	89	<.01	<3	1.88	.03	.26	<2	4.3
1758	2	36	41	711	1.7	6	9	1473	3.00	4	<8	<2	12	105	6.7	<3	3	40	2.45	.043	18	39	.90	68	<.01	<3	1.77	.03	.30	<2	4.9
1759	3	61	89	889	3.9	4	11	1469	3.24	<2	<8	<2	13	75	8.5	<3	4	41	1.79	.041	19	35	.99	101	<.01	<3	1.85	.03	.27	<2	320.1
1760	3	109	77	2192	2.8	6	10	1404	2.84	2	<8	<2	12	130	19.5	<3	3	39	2.20	.038	16	40	.86	116	<.01	<3	1.65	.04	.29	2	9.8
1761	2	81	236	1804	4.0	4	8	1375	2.86	<2	<8	<2	12	95	17.7	<3	3	41	1.71	.040	17	29	.87	118	<.01	<3	1.64	.04	.25	<2	3.9
1762	4	94	202	1957	3.7	5	12	1660	3.16	3	<8	<2	12	114	25.9	<3	4	39	2.38	.040	15	28	.90	105	<.01	<3	1.75	.04	.26	3	4.2
1763	3	143	587	1493	4.3	4	10	1729	3.16	2	<8	<2	16	124	22.6	<3	5	37	2.37	.042	17	29	.90	102	<.01	<3	1.80	.03	.31	<2	13.5
1764	2	97	334	2195	3.4	5	9	1626	2.83	2	<8	<2	13	74	25.9	<3	<3	40	1.59	.041	15	32	.93	137	.01	<3	1.73	.04	.25	<2	10.9
1765	8	62	100	624	2.8	4	8	1510	2.88	<2	<8	<2	13	72	7.2	<3	3	39	1.76	.045	18	28	1.01	109	.01	<3	1.81	.04	.24	2	4.8
1766	4	50	72	758	1.2	5	7	1514	2.69	2	<8	<2	12	123	9.0	<3	<3	23	2.31	.043	18	40	.84	81	<.01	<3	1.60	.03	.32	<2	8.2
RE 1766	3	51	71	775	1.5	5	7	1544	2.74	3	<8	<2	13	126	9.3	<3	3	24	2.36	.043	18	40	.85	83	<.01	<3	1.62	.03	.33	<2	5.0
RRE 1766	4	46	69	794	1.3	3	7	1529	2.70	2	<8	<2	14	119	9.5	<3	<3	23	2.25	.043	19	30	.86	77	<.01	<3	1.60	.03	.30	<2	9.1
1767	5	116	96	1177	2.9	6	9	1511	2.81	<2	<8	<2	14	94	14.5	<3	6	30	2.15	.040	19	49	.92	70	<.01	<3	1.69	.03	.31	<2	6.6
1768	6	22	113	434	2.6	3	7	1122	2.19	<2	<8	<2	11	94	6.1	<3	4	11	2.53	.040	16	36	.56	66	<.01	<3	1.25	.01	.36	<2	42.5
1769	25	46	575	777	2.6	5	5	1131	1.81	12	<8	<2	10	110	12.6	<3	3	12	3.05	.034	10	48	.39	60	<.01	<3	1.02	.01	.38	<2	39.2
1770	3	80	68	1602	2.5	4	10	1480	2.65	3	<8	<2	13	140	22.0	<3	4	28	2.73	.043	19	37	.92	57	<.01	<3	1.56	.03	.31	<2	3.9
1771	2	20	88	515	2.0	6	10	1292	2.80	<2	<8	<2	13	90	6.5	<3	<3	41	1.70	.046	22	42	1.07	112	.01	<3	1.74	.04	.27	<2	4.4
1772	1	69	48	1466	2.1	12	11	1483	3.21	<2	<8	<2	12	90	21.9	<3	3	66	1.93	.058	17	38	1.19	182	.06	3	2.18	.09	.44	2	6.2
1773	2	112	110	1086	4.8	10	11	1548	2.97	<2	<8	<2	12	96	16.3	<3	4	53	2.14	.052	16	44	1.07	159	.02	<3	1.89	.06	.27	<2	59.3
1774	1	46	43	311	1.0	17	11	1999	3.83	2	<8	<2	8	91	4.0	<3	<3	65	2.23	.069	14	48	1.37	146	.06	<3	2.42	.09	.27	<2	9.1
1775	2	292	48	540	6.6	11	13	1538	3.39	3	<8	<2	11	86	8.1	<3	<3	55	2.00	.057	18	38	1.13	124	.03	<3	2.02	.05	.34	<2	18.9
1776	7	184	342	1297	4.4	17	12	1741	3.42	4	<8	<2	7	121	20.6	<3	3	61	2.46	.072	15	45	1.32	109	.05	<3	2.14	.05	.34	2	7.9
1777	6	24	310	681	2.7	12	12	1763	3.79	4	<8	<2	10	79	10.4	<3	5	67	1.65	.063	15	42	1.35	123	.07	<3	2.37	.08	.29	9	3.5
STANDARD DS3	9	128	33	157	<.3	37	11	773	3.07	29	10	<2	5	27	5.5	4	6	80	.56	.089	19	187	.61	158	.09	3	1.83	.04	.16	5	19.0

Sample type: CORE R150 60C. 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

[redacted]CME [redacted]LYT[redacted] LA[redacted]ATOR[redacted] LT[redacted] [redacted]E. [redacted]TING[redacted]T. [redacted]OUV[redacted]C [redacted]1R[redacted] P[redacted](60[redacted]3-3[redacted] FA[redacted]4)2[redacted]716[redacted]
(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103551R
2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Ag** gm/mt	Au** gm/mt
1732	57.3	3.09

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: CORE PULP

DATE RECEIVED: OCT 17 2001 **DATE REPORT MAILED:** Oct 24/01 **SIGNED BY** C. T. D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data ✓ FA ___

[redacted]CME [redacted]LYT[redacted] LA[redacted]TOR[redacted] LT[redacted] [redacted]E. [redacted]ING[redacted]T. [redacted]OUV[redacted]C [redacted]1R[redacted] P[redacted](60[redacted]3-3[redacted] FA[redacted]4)2[redacted]716[redacted]

(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103551R2

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Ag** gm/mt	Au** gm/mt
1733	56.4	.75
1734	9.9	.66
RE 1734	10.1	.64

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: CORE PULP
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns

DATE RECEIVED: NOV 9 2001 **DATE REPORT MAILED:** Nov 16/01 **SIGNED BY:** D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data FA

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

GEOCHEMICAL ANALYSIS CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103552 Page 1

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
SI	<1	<1	<3	1	<.3	<1	<1	2	.02	<2	<8	<2	<2	2	<.2	<3	<3	<1	.08	<.001	<1	3	<.01	1	<.01	<3	<.01	.30	<.01	<2	<.2
4811	7	4	172	287	1.0	92	22	2045	4.52	10	<8	<2	3	97	3.2	<3	<3	111	2.48	.114	8	203	3.08	55	.22	4	2.92	.10	.10	8	1.2
4812	3	13	95	254	<.3	103	23	2088	4.96	14	<8	<2	3	127	2.5	<3	3	113	2.12	.119	7	219	3.07	93	.20	<3	3.34	.15	.14	3	.6
4813	4	21	527	634	.5	78	16	1564	3.27	11	<8	<2	3	170	9.7	<3	<3	93	2.21	.111	7	187	2.11	54	.19	4	2.46	.11	.10	7	.7
4814	6	10	245	499	.5	98	20	1870	5.25	13	<8	<2	3	136	8.1	<3	<3	121	2.08	.119	7	205	3.03	120	.23	4	3.75	.23	.37	6	<.2
4815	16	26	126	406	2.4	124	30	2358	6.64	16	<8	<2	3	148	5.2	<3	8	141	2.88	.119	8	223	3.38	127	.23	3	4.33	.20	.50	5	1.5
4816	10	44	102	897	2.1	54	23	1673	4.66	11	<8	<2	9	56	12.8	<3	4	72	.95	.081	14	130	1.88	35	.03	<3	2.53	.04	.17	11	4.9
4817	4	52	228	759	.7	7	10	1161	2.37	13	8	<2	11	64	11.8	3	<3	48	1.65	.055	14	37	.99	38	.06	<3	1.62	.05	.14	10	2.7
4818	7	196	1864	2788	6.1	5	6	1122	2.96	66	<8	<2	3	56	63.1	<3	<3	23	1.23	.020	5	53	.51	5	.01	<3	1.41	.01	.05	34	18.6
4819	5	188	807	3074	17.0	8	4	681	2.94	64	<8	<2	9	31	70.1	<3	<3	23	.62	.041	9	65	.31	19	.01	3	1.18	.01	.28	39	520.2
4820	6	246	805	1913	18.2	6	9	1239	3.80	46	<8	<2	10	49	42.3	<3	<3	35	1.08	.051	11	43	.71	20	.01	<3	1.70	.02	.24	23	521.0
RE 4820	6	246	786	1897	19.2	5	9	1238	3.79	49	<8	<2	10	49	42.3	<3	<3	34	1.08	.051	11	46	.71	20	.01	<3	1.70	.02	.24	23	546.5
RRE 4820	5	240	781	1912	22.5	7	9	1234	3.75	45	<8	<2	10	49	42.4	<3	<3	34	1.06	.051	12	54	.71	21	.01	<3	1.70	.02	.24	24	529.4
4821	6	73	540	1304	2.3	5	10	1282	2.48	19	<8	<2	8	84	28.1	<3	<3	33	1.64	.046	12	42	.77	16	.01	3	1.56	.02	.15	16	20.0
4822	4	44	36	384	<.3	7	12	1309	3.23	7	<8	<2	12	90	4.7	<3	<3	57	1.61	.059	15	40	1.21	47	.01	<3	1.94	.05	.19	6	10.9
4823	11	109	132	1239	2.4	6	13	1188	3.17	9	<8	<2	12	86	20.1	<3	<3	59	1.31	.060	13	36	1.35	43	.03	<3	1.94	.05	.18	16	5.9
4824	58	2232	19731	23303	168.3	2135	44	1142	7.75	38000	<8	12	<2	23	548.1	1041	49	36	.50	.009	6	2167	.18	47	<.01	5	.69	<.01	.21	<2	9042.3
4825	2	19	5	43	<.3	29	7	367	1.92	7	<8	<2	<2	46	.3	<3	<3	54	.84	.046	5	72	.73	93	.12	6	1.37	.13	.16	<2	<.2
4826	3	29	19	104	1.1	5	10	1269	2.17	22	<8	<2	9	195	.9	<3	3	40	5.05	.051	12	39	.97	22	.02	<3	1.49	.04	.12	2	8.0
4827	3	12	11	137	<.3	22	15	1174	3.36	7	<8	<2	9	125	.5	<3	4	70	1.53	.092	13	57	1.87	81	.15	<3	2.48	.11	.31	3	5.9
4828	3	57	11	306	.6	11	13	1376	3.46	13	<8	<2	12	59	2.8	<3	<3	71	1.04	.064	12	51	1.61	58	.14	3	2.05	.07	.16	5	3.8
4829	67	58	21	569	.9	16	16	1240	3.30	7	<8	<2	9	102	5.7	<3	<3	75	1.42	.083	11	47	1.64	70	.13	3	2.15	.09	.18	7	2.6
4830	4	36	5	204	.3	22	17	1424	3.69	6	<8	<2	7	87	1.2	<3	<3	74	1.54	.115	11	49	2.09	35	.17	3	2.34	.06	.08	3	1.5
4831	11	57	7	304	.7	9	13	1118	3.15	6	<8	<2	11	68	2.4	<3	<3	76	1.17	.065	12	38	1.55	74	.15	<3	1.93	.09	.14	4	2.6
4832	17	89	9	418	1.2	15	16	1279	3.30	8	<8	<2	9	75	3.2	<3	<3	82	1.82	.078	10	47	1.70	62	.14	3	2.15	.11	.11	9	2.7
RE 4832	17	89	9	421	1.0	15	16	1290	3.33	7	<8	<2	9	75	3.2	<3	<3	82	1.83	.077	10	49	1.71	62	.14	<3	2.17	.11	.11	8	2.2
RRE 4832	17	94	7	450	.9	16	16	1264	3.29	7	<8	<2	9	74	3.5	<3	<3	81	1.81	.078	10	50	1.67	61	.14	<3	2.13	.11	.11	9	2.1
4833	3	18	30	234	1.1	27	18	1705	4.07	4	<8	<2	6	72	1.9	<3	5	106	2.26	.119	9	57	2.18	108	.19	4	2.58	.11	.32	6	2.5
4834	3	132	548	1319	3.4	15	12	1349	3.32	11	<8	<2	10	54	22.5	<3	3	65	1.07	.081	11	49	1.63	37	.13	<3	2.07	.06	.09	24	53.0
4835	1	4	<3	157	<.3	50	19	1668	4.33	12	<8	<2	6	100	.6	<3	<3	95	3.06	.138	11	78	2.43	37	.16	<3	3.02	.15	.12	3	2.1
4836	4	46	52	201	4.8	18	12	975	3.51	29	<8	<2	7	153	1.3	<3	42	73	1.81	.080	10	68	1.26	37	.12	4	2.68	.18	.12	93	5.2
4837	3	7	28	290	.5	5	10	1279	2.85	3	<8	<2	13	65	2.4	<3	4	63	2.28	.057	15	34	1.30	28	.03	<3	1.72	.05	.13	4	3.2
4838	3	34	21	450	.5	8	10	1075	2.77	8	<8	<2	13	61	4.2	<3	<3	62	1.27	.055	15	43	1.18	46	.05	4	1.74	.07	.16	6	.9
4839	3	33	75	218	6.6	6	12	1108	2.61	13	<8	<2	12	53	1.7	4	19	57	1.33	.051	14	40	1.16	53	.08	<3	1.65	.06	.12	8	1.7
STANDARD DS3	10	123	33	168	<.3	38	12	830	3.25	31	10	<2	4	29	6.0	5	5	80	.57	.097	19	188	.63	158	.09	5	1.85	.04	.18	4	20.9

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE R150 60C AU* IGNITION BY ACID LEACHED, ANALYZE BY ICP-MS. (10 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 9 2001 DATE REPORT MAILED: Oct 13/01 SIGNED BY: D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
4840	3	32	124	298	.3	7	10	832	2.23	9	8	<2	11	84	4.2	<3	3	49	1.35	.050	12	41	1.16	35	.08	<3	1.65	.06	.10	<2	1.5
4841	3	26	16	155	<.3	22	12	1007	2.87	6	<8	<2	7	130	1.0	<3	<3	60	1.66	.093	12	55	1.48	23	.12	<3	2.14	.05	.09	3	1.2
4842	2	36	14	271	.5	11	11	1029	2.75	3	9	<2	12	73	2.1	<3	3	63	1.26	.060	11	39	1.42	48	.09	<3	1.86	.08	.10	<2	1.2
4843	1	10	5	265	<.3	46	22	1636	4.13	12	<8	<2	5	94	1.9	<3	<3	90	2.21	.156	11	73	2.33	44	.18	<3	2.79	.14	.10	<2	.8
RE 4843	3	11	8	264	<.3	46	22	1656	4.18	13	<8	<2	5	95	1.9	<3	<3	91	2.25	.158	11	74	2.36	45	.19	<3	2.84	.14	.10	<2	.4
STANDARD DS3	9	128	33	157	<.3	37	11	773	3.07	29	10	<2	5	27	5.5	4	6	80	.56	.089	19	187	.61	158	.09	3	1.83	.04	.16	5	19.0

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

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

Data FA

ACME ANALYTICAL LABORATORIES LTD. [redacted] VANCOUVER BC [redacted] PH (60[redacted]3-3[redacted] FAX (2[redacted]716[redacted]
(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103552R

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Ag** gm/mt	Au** gm/mt
4819	18.0	.71
4820	19.7	.71
RE 4820	20.8	.67

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: CORE PULP
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: NOV 9 2001 **DATE REPORT MAILED:** Nov 16/01 **SIGNED BY** C.T. D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data ! FA

[redacted]CME [redacted]LYT [redacted] LA [redacted]ATOR [redacted] LTD [redacted] [redacted]E. [redacted]TING [redacted]T. [redacted]OUVER [redacted]C [redacted]1R6 [redacted] PH [redacted](60[redacted]3-3[redacted] FAX [redacted]) 25[redacted]716 [redacted]

(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103588 Page 1

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
SI	<1	3	<3	1	<.3	1	<1	2	.03	<2	<8	<2	<2	2	<.2	<3	<3	<1	.09	<.001	<1	1	<.01	2	<.01	<3	<.01	.36	<.01	<2	1.2
1778	2	14	47	184	1.0	9	11	1947	3.83	4	<8	<2	11	80	1.8	<3	3	66	1.84	.064	16	31	1.33	116	.04	<3	2.31	.06	.39	13	5.7
1779	1	13	60	275	2.3	28	15	2236	3.80	6	<8	<2	3	238	3.3	<3	4	50	4.49	.113	19	61	1.51	79	.01	<3	2.40	.03	.48	2	2.6
1780	4	5	79	240	7.9	31	15	1594	3.50	5	<8	<2	2	143	2.1	<3	21	50	2.73	.122	17	60	1.69	97	.02	<3	2.28	.04	.41	2	16.7
1781	4	11	123	307	3.8	9	12	1953	3.02	3	<8	<2	10	136	3.8	<3	7	52	3.34	.059	17	38	1.17	89	.03	<3	1.90	.06	.32	2	6.5
1782	3	11	75	404	<.3	5	11	1713	2.93	3	<8	<2	12	136	5.9	<3	<3	60	2.83	.059	19	33	1.18	80	.02	<3	1.76	.05	.26	<2	9.2
1783	2	21	116	497	.5	8	10	1516	2.92	2	<8	<2	12	93	8.2	<3	<3	54	1.91	.057	17	52	1.17	79	.02	<3	1.84	.06	.31	<2	24.2
1784	4	14	63	719	<.3	5	8	1640	2.78	<2	<8	<2	13	158	12.5	<3	<3	46	2.89	.051	20	42	1.01	62	.01	<3	1.76	.05	.37	<2	18.0
1785	2	24	101	1448	1.4	7	11	1621	3.02	2	<8	<2	12	132	27.3	<3	4	53	2.33	.055	17	47	1.09	87	.01	<3	1.86	.07	.36	<2	51.4
1786	2	46	265	1100	3.6	5	12	1777	3.34	3	<8	<2	11	109	20.3	<3	9	66	2.42	.054	18	34	1.22	97	.01	<3	2.03	.06	.32	<2	109.2
1787	14	108	59	676	2.1	6	7	1024	1.76	<2	<8	<2	18	73	12.1	<3	3	21	1.57	.028	17	57	.56	65	<.01	<3	1.02	.05	.26	<2	8.2
1788	9	58	58	457	1.2	4	8	1581	2.47	3	8	<2	15	86	7.7	<3	<3	38	1.91	.044	19	34	.87	72	<.01	<3	1.51	.04	.26	<2	46.9
RE 1788	9	59	64	456	1.0	4	8	1584	2.47	2	<8	<2	15	86	7.7	<3	<3	37	1.91	.044	19	37	.87	72	<.01	<3	1.49	.04	.26	<2	45.4
RRE 1788	7	60	68	456	.9	6	7	1587	2.51	3	<8	<2	15	87	7.7	<3	<3	39	1.92	.044	19	44	.87	75	<.01	<3	1.52	.04	.27	<2	51.2
1789	11	115	255	735	5.7	5	12	1568	3.09	2	<8	<2	13	97	12.0	<3	11	51	1.70	.049	16	35	1.01	112	.01	<3	1.80	.05	.30	<2	155.0
1790	2	73	73	1173	1.7	6	10	1917	3.42	<2	<8	<2	14	130	20.7	<3	4	39	2.19	.054	16	31	1.11	110	.02	<3	1.96	.06	.29	<2	49.9
1791	21	115	808	3282	6.2	5	19	3019	5.34	9	<8	<2	12	222	63.7	<3	9	39	4.72	.060	14	15	1.34	80	.01	<3	2.56	.04	.44	<2	19.9
1792	2	24	78	1150	1.4	6	10	3164	4.26	9	<8	<2	11	305	20.8	<3	3	28	6.20	.060	15	16	1.16	55	<.01	<3	2.13	.05	.37	<2	35.0
1793	17	25	68	624	3.0	6	9	2521	4.65	3	<8	<2	11	211	9.1	<3	7	47	3.27	.068	17	15	1.47	100	.04	<3	2.45	.07	.29	4	12.7
1794	2	78	447	2493	4.4	6	16	2961	4.92	7	<8	<2	12	188	44.1	<3	8	35	4.17	.063	16	18	1.33	90	.01	<3	2.51	.06	.44	<2	19.9
1795	3	20	62	696	1.5	5	10	1957	3.39	3	<8	<2	13	166	11.2	<3	4	38	2.58	.058	18	22	1.30	123	.02	<3	2.06	.08	.28	<2	6.1
1796	2	47	144	927	1.9	8	10	1600	3.01	2	<8	<2	12	92	15.4	<3	6	49	1.97	.054	20	48	1.13	109	.01	<3	1.89	.07	.32	<2	4.5
1797	3	26	97	799	1.5	10	10	2074	3.33	<2	<8	<2	12	186	13.0	<3	4	45	3.17	.061	19	41	1.25	79	.01	<3	2.01	.05	.34	<2	36.6
1798	2	27	85	459	1.2	8	12	1878	3.46	5	<8	<2	13	123	6.9	<3	<3	52	1.96	.051	15	41	1.19	112	.01	<3	2.13	.06	.38	2	30.6
1799	55	1881	26771	20377	352.9	1951	45	1152	7.04	35146	<8	10	2	22	472.7	933	39	35	.48	.009	6	2283	.17	38	<.01	7	.62	<.01	.19	<2	9539.3
1800	2	21	7	45	<.3	25	7	359	1.81	4	<8	<2	<2	39	.2	<3	<3	50	.74	.048	5	68	.71	79	.11	4	1.22	.10	.14	<2	<.2
1801	4	21	137	319	1.1	7	11	1868	3.52	4	<8	<2	13	80	4.1	<3	3	60	1.55	.054	13	37	1.22	136	.03	<3	2.13	.08	.25	5	28.1
1802	76	28	181	573	14.3	6	10	1758	3.16	3	9	<2	14	106	8.5	<3	33	52	2.22	.052	15	33	1.08	101	.03	<3	1.92	.07	.25	7	37.6
RE 1802	77	27	186	576	14.3	6	10	1772	3.19	2	<8	<2	14	107	8.8	<3	33	53	2.23	.052	15	30	1.09	102	.03	<3	1.96	.07	.26	7	34.5
RRE 1802	89	25	207	542	15.5	7	10	1725	3.17	<2	<8	<2	13	101	8.1	<3	36	53	2.10	.051	14	39	1.08	105	.03	<3	1.95	.08	.27	8	82.2
1803	34	31	214	835	6.2	5	10	2004	3.09	3	<8	<2	11	86	13.4	<3	12	49	1.82	.056	13	29	1.15	131	.02	<3	1.97	.06	.28	<2	29.8
1804	2	139	45	1582	3.9	6	11	2016	3.26	11	<8	<2	12	106	26.3	3	<3	58	2.28	.053	15	35	1.06	153	.01	<3	2.16	.09	.34	3	29.5
1805	2	47	59	1586	2.1	6	11	2384	3.42	61	<8	<2	13	107	25.5	3	<3	51	2.14	.057	15	28	.97	185	.03	4	2.42	.11	.45	2	86.6
1806	4	1986	1226	2611	97.8	81	26	3444	6.15	15277	<8	3	6	81	57.3	160	30	25	2.28	.081	5	60	.64	55	.01	7	1.64	.01	.54	<2	2721.9
STANDARD DS3	9	126	37	156	<.3	37	12	814	3.19	33	<8	<2	4	28	5.8	6	5	78	.53	.096	19	186	.59	145	.09	4	1.73	.03	.17	7	22.0

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE R150 60C AU* IGNITION BY ACID LEACHED, ANALYZE BY ICP-MS. (10 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 10 2001 **DATE REPORT MAILED:** Oct 17/01 **SIGNED BY.....** D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data ___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
1807	3	44	165	1076	2.4	4	11	4452	2.21	101	9	<2	11	151	14.7	<3	<3	20	4.04	.048	15	1	.77	43	<.01	3	1.53	.02	.44	<2	20.7
1808	4	27	191	1157	.4	5	11	2339	3.04	28	<8	<2	11	86	16.1	<3	<3	38	2.24	.056	15	9	1.10	69	<.01	<3	1.79	.04	.28	<2	42.0
1809	5	123	135	920	2.6	5	12	1951	3.20	16	<8	<2	10	99	12.7	<3	3	50	2.05	.062	14	12	1.26	79	.02	<3	1.96	.06	.25	<2	12.2
1810	4	91	150	869	5.1	5	14	1665	3.77	7	<8	<2	10	80	11.9	<3	12	64	1.67	.059	11	12	1.36	107	.02	<3	2.20	.07	.27	<2	14.3
1811	5	28	32	287	<.3	25	15	1630	3.50	16	<8	<2	6	102	3.3	<3	<3	83	1.95	.090	7	46	1.72	122	.14	<3	2.40	.09	.33	<2	8.5
1812	5	146	201	1031	3.6	14	15	1300	3.10	11	<8	<2	9	73	18.5	<3	3	55	1.37	.072	8	23	1.50	124	.10	<3	2.03	.05	.39	<2	7.7
1813	5	18	8	153	<.3	46	21	1475	4.24	<2	<8	<2	4	113	.4	<3	<3	98	1.64	.104	6	89	2.54	239	.22	<3	3.18	.13	.90	<2	1.1
1814	8	279	556	448	31.1	61	25	2480	5.57	<2	<8	<2	3	86	5.3	<3	68	117	1.43	.143	6	124	3.37	171	.23	<3	3.64	.08	.54	<2	18.3
1815	7	58	158	802	3.0	78	27	2700	6.60	5	<8	<2	3	101	11.4	<3	12	142	2.00	.147	6	153	3.57	325	.26	<3	4.31	.16	1.16	4	19.7
1816	4	303	169	377	5.5	50	27	2167	5.09	15	<8	<2	3	96	4.8	<3	6	110	1.66	.118	7	100	2.61	200	.20	<3	3.17	.08	.61	<2	4.2
RE 1816	4	311	181	390	5.4	52	28	2218	5.23	17	<8	<2	2	96	4.8	<3	5	111	1.69	.121	7	105	2.67	204	.20	<3	3.23	.08	.62	<2	4.2
RRE 1816	3	394	225	485	7.1	49	25	2212	5.11	14	<8	<2	3	95	7.3	<3	8	109	1.68	.115	7	101	2.58	190	.19	<3	3.13	.07	.58	<2	6.0
1817	3	139	66	233	4.0	16	19	1086	2.74	6	<8	<2	8	104	2.2	<3	8	57	1.49	.076	9	32	1.43	86	.13	<3	1.84	.06	.24	<2	3.7
1818	3	141	271	792	4.5	6	11	1644	3.23	7	15	<2	10	59	12.3	<3	6	61	1.74	.062	10	17	1.35	65	.07	<3	1.84	.04	.19	<2	3.6
1819	4	117	39	230	1.2	7	12	1352	3.18	2	<8	<2	10	59	1.5	<3	<3	66	1.48	.067	9	16	1.43	59	.11	<3	1.87	.05	.15	<2	2.7
1820	5	146	38	867	1.9	59	25	2117	5.50	2	<8	<2	3	107	7.1	<3	<3	100	3.21	.174	12	91	3.12	40	.14	<3	3.27	.04	.15	<2	.4
1821	4	509	32	525	5.5	14	26	1456	3.92	14	<8	<2	9	100	5.0	<3	<3	57	1.91	.096	9	24	1.74	41	.14	<3	2.09	.04	.13	<2	9.1
1822	3	135	43	599	1.2	26	17	1701	4.03	6	<8	<2	6	89	5.6	<3	3	74	1.66	.123	10	41	2.11	44	.16	<3	2.42	.05	.12	5	.2
1823	3	59	32	817	1.6	59	25	2365	6.07	5	9	<2	2	93	8.6	<3	8	121	2.75	.185	10	89	2.98	34	.19	<3	3.35	.06	.14	<2	1.8
1824	5	161	10	518	1.1	12	13	1366	3.33	8	12	<2	9	72	4.4	<3	<3	68	1.46	.073	8	22	1.45	36	.14	<3	1.94	.07	.11	<2	1.6
1825	6	351	16	1378	5.4	25	18	1804	4.02	9	<8	<2	8	76	12.7	<3	<3	80	1.69	.114	7	45	1.90	27	.17	<3	2.32	.06	.10	5	1.6
1826	4	112	13	1038	1.1	11	12	1270	3.06	5	<8	<2	9	85	10.1	<3	<3	65	1.51	.071	8	20	1.36	39	.14	<3	1.85	.06	.11	<2	1.8
1827	9	97	298	2236	5.9	44	22	3204	6.28	25	<8	<2	3	100	32.4	<3	5	104	2.67	.172	10	70	2.58	24	.16	<3	3.34	.03	.17	<2	10.8
1828	4	94	257	1071	2.1	57	24	2947	6.53	11	<8	<2	2	98	15.8	<3	3	132	3.02	.189	10	87	2.99	33	.23	<3	3.67	.07	.14	5	33.4
RE 1828	4	92	238	1022	2.2	54	23	2853	6.29	10	<8	<2	2	94	15.2	<3	<3	128	2.91	.183	9	86	2.88	31	.23	<3	3.53	.06	.14	5	10.0
RRE 1828	4	99	232	988	2.2	56	25	2942	6.49	12	<8	<2	2	95	14.0	<3	<3	130	3.03	.189	10	86	3.00	29	.21	<3	3.63	.06	.12	<2	6.3
1829	3	211	236	1370	3.2	41	22	2389	5.55	16	<8	<2	3	90	15.0	<3	<3	121	3.05	.171	10	64	2.48	39	.23	<3	3.09	.07	.14	7	6.1
1830	5	173	226	1601	5.6	37	19	2133	4.81	9	9	<2	3	69	26.3	<3	9	102	2.16	.169	9	52	2.40	45	.22	<3	2.67	.06	.11	4	3.4
1831	4	216	56	780	2.0	42	23	2192	5.16	4	<8	<2	3	113	7.2	<3	<3	106	3.06	.174	10	72	2.62	38	.18	<3	2.92	.04	.11	<2	3.0
1832	5	102	16	266	.6	26	19	1465	3.61	5	9	<2	8	102	1.6	<3	<3	89	2.36	.126	11	46	2.01	48	.21	<3	2.19	.07	.11	<2	.5
1833	9	169	169	405	3.7	19	15	1534	3.35	5	<8	<2	9	84	4.5	<3	<3	70	1.97	.099	9	29	1.76	43	.13	<3	2.03	.05	.13	<2	3.3
1834	8	155	64	1586	1.6	5	9	1263	2.84	6	11	<2	11	61	14.3	<3	<3	55	1.35	.057	10	15	1.24	69	.08	3	1.65	.05	.18	<2	2.2
1835	3	72	85	546	1.8	5	9	1022	2.18	3	<8	<2	11	96	6.3	<3	<3	49	1.54	.058	9	12	1.21	39	.12	<3	1.50	.05	.10	<2	.7
1836	2	120	23	1225	1.1	14	16	1577	3.70	11	<8	<2	7	100	11.0	<3	3	87	2.19	.128	10	26	1.71	62	.21	<3	2.09	.08	.12	<2	2.0
STANDARD DS3	11	126	36	159	<.3	34	12	846	3.23	30	8	<2	4	29	5.7	5	7	79	.55	.095	18	193	.61	146	.09	<3	1.77	.04	.17	2	22.2

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

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

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
1837	5	206	74	1582	3.6	38	23	2108	5.18	10	<8	<2	2	90	15.0	<3	3	106	1.98	.226	9	50	2.36	82	.21	<3	2.81	.10	.10	2	3.7
1838	16	233	39	2558	3.9	41	24	1695	4.40	9	<8	<2	4	95	24.9	<3	<3	87	1.64	.164	8	56	2.17	89	.22	3	2.48	.12	.11	<2	9.5
1839	7	130	103	795	3.2	9	12	1050	2.43	5	<8	<2	10	84	8.3	<3	<3	49	1.24	.068	8	15	1.31	40	.09	<3	1.55	.04	.08	<2	2.0
1840	2	163	82	838	2.8	16	15	1460	3.57	5	<8	<2	7	114	6.7	4	<3	68	1.65	.123	10	21	1.79	53	.10	<3	2.12	.05	.08	<2	.5
RE 1840	3	168	83	850	2.5	17	16	1497	3.66	7	<8	<2	7	118	6.7	4	<3	69	1.70	.126	11	20	1.83	54	.11	<3	2.19	.06	.08	<2	1.3
1841	55	2050	25413	21585	198.3	2045	44	1109	7.33	35793	<8	<2	<2	23	523.3	954	43	34	.48	.011	6	2323	.18	45	<.01	5	.67	<.01	.20	7	8995.6
1842	2	18	10	47	.3	27	7	348	1.83	11	<8	<2	<2	37	.2	<3	<3	49	.73	.047	5	30	.71	76	.11	6	1.19	.09	.13	2	<.2
STANDARD DS3	10	123	35	154	<.3	37	12	819	3.15	27	<8	<2	4	28	5.7	4	6	77	.53	.093	17	186	.59	145	.09	<3	1.71	.04	.16	6	22.0

Sample type: CORE R150 60C. 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

[redacted]CME[redacted]LYT[redacted]; LA[redacted]ATO[redacted] LT[redacted] [redacted] E. [redacted]TIN[redacted]T. [redacted]OUV[redacted]BC [redacted] 1R[redacted] P[redacted](60[redacted]53-[redacted] FA[redacted]4)2[redacted]716[redacted]

(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103588R

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Ag** gm/mt	Au** gm/mt
1806	118.5	3.29

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: CORE PULP

DATE RECEIVED: OCT 19 2001 **DATE REPORT MAILED:** Oct 24/01 **SIGNED BY** C. Leong .D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data ✓ FA ___

[redacted]CME[redacted]ALYT[redacted]L L[redacted]ATO[redacted] LT[redacted] [redacted] E. [redacted]TIN[redacted]T. [redacted]OUV[redacted]BC [redacted] 1R[redacted] P[redacted](6[redacted]53-[redacted] FA[redacted]4) 2[redacted]716[redacted]

(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103625 Page 1

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
SI	1	1	<3	2	<.3	<1	<1	6	.04	<2	<8	<2	<2	3	<.2	<3	<3	1	.13	<.001	<1	4	.01	4	<.01	<3	.01	.61	.01	<2	<.2
5501	2	6	9	36	<.3	4	9	742	2.31	3	<8	<2	11	107	<.2	<3	<3	57	2.20	.058	14	8	.94	189	.02	<3	1.08	.05	.14	2	.8
5502	2	2	3	38	<.3	4	9	837	1.88	2	<8	<2	12	138	<.2	<3	<3	25	3.16	.055	13	6	.70	727	<.01	<3	1.14	.03	.33	<2	2.6
5503	2	6	24	48	12.9	4	10	1704	2.35	96	<8	<2	9	102	.4	<3	<3	21	3.03	.045	7	8	.77	107	.02	<3	1.10	.02	.28	2	431.2
5504	3	6	4	49	.7	5	10	705	2.00	4	<8	<2	16	84	<.2	<3	<3	41	2.09	.046	14	11	.77	223	.03	<3	1.08	.05	.28	2	5.6
5505	4	54	258	178	143.6	3	8	1394	1.28	29	<8	<2	16	118	2.3	3	<3	10	3.53	.045	11	6	.52	95	.02	<3	.86	.02	.39	<2	749.2
5506	2	3	7	42	<.3	4	8	585	2.09	<2	<8	<2	15	79	<.2	<3	<3	49	1.75	.045	12	11	.76	122	.04	<3	.97	.06	.19	<2	1.4
5507	2	3	12	36	1.2	3	6	836	1.43	53	<8	<2	18	101	.2	<3	<3	14	2.18	.034	11	8	.48	84	.03	<3	.82	.03	.28	2	64.8
5508	3	12	3	45	.7	3	7	698	1.77	4	<8	<2	14	96	<.2	<3	<3	24	1.87	.046	8	5	.69	105	.05	<3	1.13	.03	.31	2	4.2
5509	2	8	7	41	<.3	4	7	654	1.82	<2	<8	<2	17	93	<.2	<3	<3	31	2.38	.049	13	10	.69	173	.03	<3	1.02	.03	.31	2	2.3
5510	2	870	8	47	1.7	4	10	575	2.56	3	<8	<2	17	83	.2	<3	<3	37	2.05	.046	17	6	.75	110	.04	<3	1.19	.05	.29	2	1.8
RE 5510	2	843	9	44	1.9	4	10	547	2.45	<2	<8	<2	16	79	<.2	<3	<3	35	1.96	.043	16	9	.72	106	.04	<3	1.13	.04	.28	2	1.1
RRE 5510	2	835	6	45	1.7	5	10	554	2.46	<2	<8	<2	17	79	<.2	<3	<3	35	2.00	.045	20	11	.72	101	.04	<3	1.08	.04	.25	3	1.2
5511	2	3942	22	82	7.9	8	26	647	9.03	2	<8	<2	13	49	.4	<3	13	71	1.38	.037	12	12	.81	59	.06	<3	1.17	.06	.16	10	1.3
5512	2	42	9	60	.3	5	9	577	2.12	<2	<8	<2	13	84	<.2	<3	3	36	1.19	.050	8	13	.88	92	.09	<3	1.23	.05	.16	4	<.2
5513	2	30	5	43	<.3	5	8	581	2.26	<2	11	<2	11	110	<.2	<3	<3	47	1.72	.049	19	13	.76	186	.05	<3	1.13	.06	.28	2	<.2
5514	4	31	7	44	.5	4	9	802	2.12	4	<8	<2	13	114	<.2	<3	3	36	2.26	.054	10	8	.80	299	.03	3	1.17	.04	.35	3	1.6
5515	4	835	6	64	11.3	4	11	966	2.21	13	<8	<2	11	75	<.2	<3	5	27	2.19	.048	12	9	.83	96	.01	5	1.30	.04	.31	3	8.3
5516	3	38	7	56	1.4	5	11	838	2.54	12	<8	<2	13	84	<.2	<3	4	50	2.38	.062	12	17	.99	288	.04	<3	1.31	.05	.23	3	6.9
5517	2	13	5	48	.3	6	10	534	2.32	<2	<8	<2	12	72	<.2	<3	<3	64	.98	.061	12	15	.87	132	.12	3	1.08	.07	.11	33	.3
5518	28	205	13	71	6.9	6	14	1312	2.42	14	<8	<2	11	84	.2	<3	<3	31	2.04	.057	10	15	.88	59	.01	<3	1.42	.02	.29	17	19.6
5519	57	2290	26576	24127	250.2	2208	49	1248	8.17	41735	<8	3	<2	24	566.9	1062	46	39	.53	.010	6	2404	.21	47	<.01	4	.74	<.01	.21	<2	9816.9
5520	2	19	7	39	<.3	26	6	354	1.90	7	<8	<2	<2	39	<.2	<3	<3	51	.77	.048	4	34	.71	84	.12	<3	1.26	.10	.14	2	<.2
5521	3	11	9	44	.3	5	10	823	2.33	12	<8	<2	12	71	<.2	<3	<3	54	1.33	.060	11	11	.92	165	.09	<3	1.23	.06	.15	3	5.1
5522	3	5	6	38	<.3	5	10	639	2.83	3	<8	<2	10	57	<.2	<3	<3	88	1.37	.064	12	17	1.07	71	.13	<3	1.22	.09	.10	<2	3.9
RE 5522	4	5	6	37	<.3	6	10	642	2.85	2	<8	<2	10	58	<.2	<3	<3	89	1.38	.064	11	15	1.08	71	.13	<3	1.22	.09	.10	2	1.5
RRE 5522	4	4	<3	35	<.3	5	10	614	2.66	<2	<8	<2	10	53	<.2	<3	<3	82	1.32	.063	11	16	1.04	62	.12	<3	1.15	.08	.08	2	2.6
5523	4	11	16	67	.4	5	10	630	2.82	2	<8	<2	11	57	.2	<3	<3	89	1.38	.063	11	15	1.03	93	.12	3	1.17	.09	.10	2	1.9
5524	4	25	37	96	.4	5	10	899	2.85	5	<8	<2	9	61	.7	<3	<3	73	1.98	.058	13	18	1.14	93	.05	<3	1.49	.07	.20	3	3.9
5525	3	7	11	60	.3	5	11	963	2.84	3	<8	<2	10	66	.2	<3	4	73	2.04	.061	14	11	1.16	87	.04	<3	1.51	.07	.18	2	2.0
5526	3	13	12	61	1.4	5	11	1314	2.75	5	<8	<2	10	89	.3	<3	<3	65	2.75	.062	17	13	1.03	92	.01	<3	1.43	.05	.22	2	3.7
5527	4	26	195	155	3.8	1	1	1231	.36	13	<8	<2	7	46	3.4	<3	<3	1	1.54	.006	16	6	.02	101	<.01	<3	.37	.01	.40	3	69.0
5528	5	10	137	59	3.0	1	1	1445	.37	11	<8	<2	8	58	1.2	<3	<3	1	1.70	.006	14	4	.01	80	<.01	<3	.33	.01	.38	2	274.8
5529	3	5	71	25	1.0	1	1	1175	.45	16	<8	<2	7	65	.6	<3	3	<1	1.54	.006	14	1	.02	86	<.01	<3	.43	.01	.44	<2	82.4
STANDARD DS3	10	124	32	155	<.3	38	12	808	3.20	31	<8	<2	4	28	5.7	5	7	80	.54	.094	17	190	.61	152	.09	3	1.76	.04	.17	5	19.0

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE R150 60C AU* IGNITION BY ACID LEACHED, ANALYZE BY ICP-MS. (10 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 12 2001 **DATE REPORT MAILED:** Oct 18/01 **SIGNED BY.** C. Leong .....D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data ___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
5530	5	19	10	45	1.6	5	10	1088	2.54	7	<8	<2	11	126	.3	<3	<3	52	2.77	.059	16	15	1.03	89	<.01	<3	1.38	.03	.26	<2	4.0
5531	27	15	9	47	1.3	5	10	1071	2.60	12	<8	<2	10	106	<.2	<3	<3	45	2.67	.058	18	12	1.15	107	<.01	<3	1.59	.04	.31	<2	7.3
5532	3	4	11	54	.9	5	11	1107	2.67	3	<8	<2	10	147	.3	<3	<3	45	2.91	.062	17	16	1.08	103	<.01	<3	1.47	.04	.26	<2	2.7
5533	2	11	13	58	2.4	5	12	1442	2.65	11	<8	<2	11	147	.3	<3	<3	30	3.09	.059	12	11	.92	80	<.01	<3	1.52	.04	.37	2	12.1
5534	7	17	13	61	1.3	5	10	1230	2.51	3	<8	<2	11	87	.2	<3	<3	29	2.70	.059	19	13	1.08	61	<.01	<3	1.48	.03	.26	<2	1.3
5535	3	29	12	51	.9	5	11	1136	2.82	<2	<8	<2	10	120	.2	<3	<3	46	2.54	.064	19	16	1.26	105	.01	<3	1.62	.04	.19	2	1.6
5536	<1	15	20	59	1.6	5	17	1386	3.53	3	<8	<2	12	157	.4	<3	<3	55	3.03	.069	15	14	1.26	365	.02	<3	1.76	.04	.20	2	4.9
5537	8	17	138	215	2.3	1	1	954	.41	16	<8	<2	7	60	4.8	<3	<3	<1	1.34	.006	15	8	.03	135	<.01	<3	.39	.01	.41	<2	45.1
5538	7	10	144	222	2.6	1	<1	887	.38	16	<8	<2	7	41	5.2	<3	<3	1	1.35	.006	13	6	.02	101	<.01	3	.33	.01	.37	<2	35.4
RE 5538	7	11	140	230	2.7	1	1	906	.38	16	<8	<2	7	42	5.3	<3	<3	<1	1.38	.006	14	7	.02	103	<.01	4	.34	.01	.38	<2	63.7
RRE 5538	7	10	146	238	2.9	1	<1	912	.42	17	<8	<2	8	42	5.7	<3	<3	1	1.37	.006	14	7	.02	112	<.01	3	.38	.01	.43	<2	36.1
5539	3	29	32	55	2.3	6	11	1425	2.60	6	<8	<2	13	95	.4	<3	<3	39	2.59	.058	20	18	.96	59	<.01	<3	1.46	.04	.26	2	5.4
5540	1	15	26	104	10.0	193	31	3224	5.03	9	<8	<2	<2	228	.3	4	<3	84	6.21	.109	10	247	3.25	73	<.01	<3	3.15	.03	.18	4	2.1
5541	3	40	28	55	3.5	5	9	1743	2.49	9	<8	<2	12	129	.5	<3	<3	34	3.56	.055	14	7	.84	70	<.01	<3	1.64	.03	.41	<2	11.6
5542	8	12	107	101	4.1	1	1	1053	.57	14	<8	<2	6	73	2.4	<3	<3	1	1.78	.007	14	3	.08	84	<.01	<3	.49	.01	.42	3	41.9
STANDARD DS3	10	127	35	158	<.3	35	12	832	3.24	31	<8	<2	3	29	6.0	4	5	81	.56	.098	18	192	.62	157	.09	<3	1.80	.04	.17	4	20.7

Sample type: CORE R150 60C. 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

[redacted]CME[redacted]LYT[redacted]L L[redacted]ATO[redacted] LT[redacted] [redacted] E. [redacted]TIN[redacted]T. [redacted]OUV[redacted]BC [redacted] 1R[redacted] P[redacted](60[redacted]53-[redacted] FA[redacted]4)2[redacted]716[redacted]
(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103625R

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Ag** gm/mt	Au** gm/mt
5505	142.6	1.12

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: CORE PULP

DATE RECEIVED: OCT 19 2001 **DATE REPORT MAILED:** Oct 26/01 **SIGNED BY** C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data___ FA ___

[redacted]CME[redacted]LYT[redacted]L LA[redacted]ATO[redacted] LT[redacted] [redacted] E. [redacted]TIN[redacted]T. [redacted]COUV[redacted]BC [redacted] 1R[redacted] P[redacted](60[redacted]53-1[redacted] FA[redacted]4)2[redacted]716[redacted]
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103689 Page 1

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
SI	1	2	<3	1	<.3	<1	<1	4	.03	<2	<8	<2	<2	1	<.2	<3	<3	<1	.05	<.001	<1	7	<.01	2	<.01	<3	<.01	.26	<.01	<2	<.2
5543	6	15	137	223	2.4	2	1	566	.59	14	<8	<2	7	30	5.2	<3	<3	2	1.32	.007	18	36	.06	163	<.01	4	1.04	.02	.74	<2	35.8
5544	12	23	327	306	1.8	18	4	1032	1.08	14	<8	<2	7	71	6.0	3	<3	6	1.59	.024	17	51	.38	80	<.01	<3	.76	.01	.39	<2	26.7
5545	20	21	195	257	1.0	5	2	831	.65	4	9	<2	10	46	4.9	<3	<3	2	1.15	.012	15	45	.19	43	<.01	<3	.47	.01	.27	<2	44.9
5546	31	27	64	105	1.5	4	1	587	.67	2	<8	<2	7	34	1.9	<3	<3	2	.72	.004	17	50	.16	47	<.01	<3	.46	.01	.27	<2	36.2
5547	11	16	160	268	.7	2	2	388	.45	15	<8	<2	8	22	4.5	<3	<3	2	.47	.005	12	42	.07	47	<.01	<3	.37	.01	.30	<2	21.8
5548	5	39	643	601	2.5	6	2	675	.72	21	<8	<2	8	32	11.5	3	<3	2	.63	.004	12	48	.15	43	<.01	<3	.48	.01	.32	<2	57.7
5549	10	19	271	657	1.6	2	1	455	.63	46	<8	<2	8	26	12.6	3	<3	2	.49	.003	11	44	.06	39	<.01	<3	.37	.01	.30	<2	112.4
5550	12	25	360	945	2.7	4	2	598	.72	66	8	<2	7	35	17.9	3	3	1	.85	.003	9	43	.04	41	<.01	3	.35	.01	.30	<2	68.5
5551	8	23	431	961	2.6	5	2	886	.86	54	<8	<2	6	49	17.2	3	3	2	1.27	.006	8	34	.14	43	<.01	<3	.42	<.01	.29	<2	43.1
5552	6	149	1284	1712	11.3	115	23	4223	4.10	86	<8	<2	<2	282	32.7	4	<3	33	6.72	.090	10	92	1.70	74	<.01	<3	2.01	.01	.32	<2	213.3
RE 5552	6	145	1289	1675	10.9	113	23	4147	4.01	84	<8	<2	<2	277	31.8	4	3	33	6.62	.088	10	85	1.67	72	<.01	<3	1.97	.01	.31	<2	219.4
RRE 5552	5	149	1318	1598	10.9	114	23	4276	4.05	84	<8	<2	<2	282	30.3	4	<3	34	6.85	.090	10	87	1.69	70	<.01	<3	1.97	.01	.30	<2	251.4
5553	11	55	182	779	2.0	8	7	1979	2.30	6	<8	<2	10	161	11.0	4	<3	8	3.68	.043	16	45	.84	61	<.01	<3	1.35	.01	.35	<2	17.4
5554	2	150	118	2096	3.3	6	14	1928	3.11	3	<8	<2	13	105	21.3	3	<3	45	2.40	.050	17	34	1.23	168	.01	<3	1.96	.03	.35	<2	3.4
5555	2	113	67	962	2.0	7	9	1658	2.80	2	<8	<2	12	97	9.6	3	4	38	2.18	.048	19	44	1.11	115	<.01	<3	1.84	.03	.37	<2	23.6
5556	3	38	222	944	1.3	4	8	2132	2.55	38	<8	<2	11	170	10.8	3	<3	27	4.05	.041	12	46	.81	59	<.01	<3	1.67	.02	.44	<2	9.8
5557	<1	127	1670	3747	16.9	7	10	1952	3.28	31	<8	3	12	110	50.7	3	<3	34	2.58	.047	11	56	.97	75	.01	<3	2.03	.03	.47	<2	2375.4
5558	<1	83	152	1831	3.0	5	10	1991	2.94	26	<8	<2	12	85	18.5	3	3	36	2.24	.045	15	46	.95	97	.01	<3	1.91	.05	.40	<2	21.2
5559	<1	183	886	2993	7.3	7	10	2136	3.03	34	9	<2	12	115	41.3	3	5	33	2.67	.046	12	53	.94	91	.01	<3	1.91	.03	.43	<2	274.5
5560	2	123	337	1385	4.3	5	10	1972	2.82	11	8	<2	12	100	16.3	3	3	34	2.40	.044	15	41	.99	120	.01	<3	1.89	.03	.40	<2	93.8
5561	1	20	164	767	.5	7	9	1775	2.57	4	<8	<2	12	106	9.2	3	4	42	2.60	.047	19	58	1.00	155	.01	<3	1.75	.05	.34	<2	3.8
5562	1	12	60	507	.4	5	10	1589	2.59	5	<8	<2	14	71	6.4	<3	<3	45	2.19	.046	18	41	1.02	121	.01	<3	1.78	.07	.28	<2	3.3
5563	<1	34	48	979	1.3	6	9	1403	2.19	4	<8	<2	13	86	14.9	<3	3	44	2.33	.040	19	49	.89	145	<.01	<3	1.50	.06	.27	<2	2.1
5564	1	15	99	598	.5	7	10	1883	2.66	2	<8	<2	14	106	8.5	<3	<3	49	2.74	.051	18	42	1.16	90	.01	<3	1.91	.07	.31	<2	2.0
RE 5564	2	15	98	601	.4	8	10	1917	2.71	<2	<8	<2	13	107	8.6	<3	<3	50	2.79	.053	19	43	1.18	92	.01	<3	1.95	.07	.31	<2	1.5
RRE 5564	1	16	101	657	.5	9	11	1920	2.76	3	<8	<2	14	107	9.4	<3	5	50	2.80	.053	19	64	1.18	99	.01	<3	2.00	.08	.34	<2	<.2
5565	4	21	45	586	.7	5	10	1690	2.50	3	<8	<2	11	78	7.7	<3	<3	50	2.16	.047	16	40	1.10	102	.01	<3	1.75	.07	.25	<2	.7
5566	<1	72	966	2357	4.5	15	11	2019	3.15	8	<8	2	12	86	35.9	<3	5	49	2.31	.062	17	61	1.33	66	<.01	<3	1.95	.04	.31	<2	813.2
5567	3	65	500	1591	1.8	5	9	1600	2.45	5	8	<2	13	72	25.1	<3	3	33	1.76	.046	17	41	1.02	85	<.01	<3	1.57	.04	.28	<2	32.7
5568	<1	197	807	3299	4.1	7	11	1768	2.78	11	<8	<2	13	119	56.2	3	4	36	2.55	.047	19	49	1.05	62	<.01	<3	1.70	.03	.34	<2	23.8
5569	4	21	140	658	1.1	5	10	1795	2.70	7	<8	<2	12	70	8.9	4	<3	47	1.71	.050	14	41	1.20	113	.03	<3	1.79	.05	.19	5	2.1
5570	9	19	35	500	.5	8	11	1757	3.08	7	<8	<2	12	85	6.3	<3	<3	48	2.05	.052	17	47	1.29	105	.02	<3	1.97	.05	.27	<2	1.1
5571	47	2147	23218	22980	193.1	2136	48	1163	7.74	37410	<8	9	<2	23	533.9	986	32	37	.51	.010	5	2509	.19	43	<.01	<3	.69	<.01	.21	<2	9629.8
5572	3	20	<3	45	<.3	27	6	367	1.86	6	<8	<2	<2	39	.2	<3	<3	52	.77	.049	5	69	.74	83	.12	4	1.27	.10	.14	<2	<.2
STANDARD DS3	10	122	35	164	<.3	36	11	806	3.10	31	9	<2	4	28	5.7	5	6	77	.54	.093	18	191	.59	145	.08	4	1.70	.04	.16	4	22.0

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE R150 60C AU* IGNITION BY ACID LEACHED, ANALYZE BY ICP-MS. (10 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 17 2001 **DATE REPORT MAILED:** Oct 23/01 **SIGNED BY.....** D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data ___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
5573	3	37	570	819	1.6	7	11	2258	3.33	13	<8	<2	11	123	12.5	4	<3	46	3.16	.054	17	38	1.17	75	.01	<3	1.90	.05	.31	<2	5.8
5574	3	32	294	1391	4.5	29	14	2123	3.90	13	<8	<2	4	102	21.3	<3	5	61	2.16	.100	10	68	1.76	125	.09	<3	2.46	.08	.39	<2	17.8
5575	1	19	465	1124	2.6	30	16	2285	4.14	2	<8	<2	3	97	14.1	3	<3	70	1.66	.102	6	88	1.92	263	.14	<3	2.72	.14	.24	<2	5.6
5576	1	9	36	355	.7	8	12	1789	3.21	2	8	<2	9	84	3.3	3	<3	59	1.44	.063	8	42	1.39	221	.13	<3	2.22	.12	.22	<2	.9
5577	7	41	559	442	16.4	8	10	2163	3.52	2	<8	<2	11	55	6.1	4	19	47	1.06	.055	10	44	1.22	427	.08	<3	2.11	.07	.30	21	867.7
5578	2	7	32	218	<.3	5	10	1745	3.12	4	8	<2	10	77	1.6	3	<3	60	1.40	.056	12	36	1.33	165	.11	<3	2.07	.10	.31	4	6.0
5579	1	25	111	976	1.8	6	9	1574	2.73	4	<8	<2	12	74	13.2	3	<3	30	2.23	.046	17	46	.92	58	<.01	<3	1.63	.05	.34	<2	7.5
5580	11	67	158	653	2.0	4	8	1920	2.59	5	<8	<2	13	200	8.8	<3	<3	28	4.01	.040	16	37	.81	53	<.01	<3	1.46	.04	.33	<2	3.3
5581	3	24	59	564	1.2	6	11	1431	2.94	6	<8	<2	13	78	7.0	<3	<3	40	1.61	.046	14	39	.97	98	.03	<3	1.78	.08	.27	<2	3.2
5582	4	26	56	619	.6	4	8	1451	2.39	<2	<8	<2	14	123	7.8	4	<3	33	2.54	.041	15	45	.81	72	.04	<3	1.52	.06	.27	<2	4.0
RE 5582	4	25	58	614	.8	5	8	1437	2.37	<2	9	<2	14	122	7.6	3	<3	32	2.52	.041	15	44	.80	71	.03	3	1.51	.07	.27	<2	2.6
RRE 5582	3	25	58	605	1.0	6	8	1461	2.40	<2	9	<2	14	124	7.4	<3	<3	33	2.60	.040	16	54	.81	71	.03	<3	1.51	.06	.28	<2	2.3
5583	5	54	384	891	1.5	4	7	1421	1.89	4	8	<2	17	92	15.1	3	<3	19	2.40	.041	17	41	.47	68	<.01	4	1.14	.04	.41	<2	5.6
5584	6	24	219	507	2.3	8	8	2098	2.82	2	<8	<2	13	129	8.0	3	<3	35	3.26	.046	16	47	.74	63	<.01	<3	1.67	.04	.45	<2	8.5
5585	4	34	41	398	.8	7	10	2251	3.98	<2	<8	<2	12	83	4.9	3	<3	54	1.99	.054	15	38	1.34	123	.04	<3	2.28	.07	.30	2	1.8
5586	<1	67	242	1371	6.2	8	18	2311	4.45	4	<8	<2	12	121	19.0	<3	8	50	1.98	.057	14	39	1.43	379	.10	<3	2.50	.07	.21	26	4.3
5587	1	74	172	800	5.6	5	12	1626	3.25	2	<8	<2	13	80	10.8	3	3	52	1.52	.049	11	37	1.12	99	.09	<3	2.02	.09	.23	<2	2.2
5588	1	12	231	260	2.4	18	11	2082	3.89	3	<8	<2	2	68	3.0	3	<3	59	1.32	.058	4	35	1.45	113	.13	<3	2.48	.12	.22	2	11.6
5589	2	103	178	312	3.3	18	13	2093	3.98	2	<8	<2	2	82	3.5	3	<3	53	2.20	.061	6	29	1.52	70	.09	<3	2.28	.07	.19	<2	2.4
5590	6	31	230	1169	6.8	8	12	1650	3.05	2	<8	<2	12	73	18.3	4	10	50	1.69	.053	13	44	1.14	83	.08	3	1.90	.10	.22	<2	11.2
5591	3	79	639	1449	4.7	5	10	1975	3.38	5	<8	2	11	54	22.0	5	3	46	1.61	.052	13	32	1.10	101	.06	<3	2.05	.07	.29	<2	1750.3
5592	<1	35	366	1077	1.8	7	11	1894	3.37	<2	<8	<2	12	63	16.4	4	<3	58	1.69	.055	13	46	1.16	147	.05	<3	2.08	.08	.26	<2	5.5
5593	1	52	218	1449	4.1	5	10	2115	3.14	<2	<8	<2	14	60	22.2	5	4	51	2.37	.053	14	34	1.10	91	.04	4	1.93	.06	.27	<2	5.4
5594	<1	36	152	1132	2.3	6	11	1880	3.32	3	<8	<2	12	52	18.0	4	<3	55	1.62	.054	14	41	1.03	111	.07	<3	2.02	.09	.27	<2	3.7
RE 5594	1	36	151	1129	2.2	7	11	1870	3.31	2	<8	<2	12	51	17.9	4	4	55	1.60	.053	14	40	1.03	110	.07	<3	2.01	.09	.27	<2	5.9
RRE 5594	<1	35	145	1134	2.4	5	11	1838	3.22	<2	<8	<2	11	49	17.9	4	<3	52	1.55	.054	13	35	1.02	100	.07	<3	1.94	.08	.24	<2	5.3
5595	7	21	173	561	9.3	7	12	1583	3.24	<2	<8	<2	12	51	8.0	4	14	56	1.30	.051	11	42	.98	109	.09	<3	1.97	.08	.24	<2	23.9
5596	71	24	732	1515	15.2	5	10	1593	2.67	<2	<8	<2	10	68	22.0	5	26	48	1.69	.052	11	35	1.05	68	.11	<3	1.78	.09	.13	<2	31.0
5597	16	42	260	1422	8.0	7	12	1805	3.62	2	<8	<2	12	111	22.2	5	10	64	1.40	.055	11	41	1.07	366	.11	<3	2.89	.23	.30	<2	46.9
5598	52	29	462	1012	26.7	6	12	2184	3.56	4	<8	<2	13	134	14.8	4	64	65	1.62	.054	10	37	.91	594	.12	<3	3.36	.28	.36	<2	126.5
5599	20	96	431	1940	8.8	54	19	3779	4.82	67	<8	<2	9	50	25.0	13	8	58	1.67	.061	12	142	1.91	60	.06	<3	2.73	.01	.32	7	26.6
5600	4	600	457	4245	18.5	50	19	2879	5.04	64	<8	<2	11	58	68.9	24	15	53	1.75	.058	15	97	1.54	53	.03	<3	2.49	.01	.40	<2	25.2
5601	<1	106	124	3391	8.4	7	16	1716	3.62	39	<8	<2	14	65	42.7	8	6	51	1.49	.056	13	37	1.15	161	.10	<3	2.22	.06	.29	10	3.9
5602	1	103	60	1268	6.3	5	12	1603	3.64	102	8	<2	12	96	14.9	8	7	59	1.35	.054	9	25	1.12	235	.10	<3	2.63	.18	.22	7	5.1
STANDARD DS3	10	125	37	166	.4	37	12	833	3.20	31	<8	<2	4	28	5.9	6	6	80	.56	.095	19	188	.61	145	.09	<3	1.79	.04	.17	4	19.0

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

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

Data A FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
5603	3	159	75	1107	4.3	5	10	1651	3.47	132	<8	<2	12	73	13.6	5	6	49	1.89	.052	13	18	.99	114	.03	<3	2.01	.05	.33	6	6.5
5604	5	162	41	1950	5.7	5	13	1532	3.56	113	<8	<2	11	55	22.9	4	10	52	1.23	.053	11	24	1.06	132	.06	<3	1.96	.05	.22	<2	2.3
5605	5	3939	317	3821	78.7	7	24	1379	4.04	48	<8	<2	11	74	50.4	20	67	44	.97	.048	8	28	1.04	128	.08	<3	2.12	.09	.24	9	14.1
5606	6	1857	47	2642	32.1	5	18	1282	3.54	53	<8	<2	12	53	33.5	32	7	39	.89	.050	9	29	1.01	125	.07	<3	1.75	.04	.25	<2	5.9
5607	3	149	72	1785	4.5	6	13	1626	3.39	31	<8	<2	13	77	21.5	5	<3	52	1.69	.056	14	35	1.10	155	.04	<3	1.95	.05	.26	<2	4.5
5608	5	331	1048	3358	13.0	4	13	2197	3.46	50	<8	<2	13	89	54.9	11	7	29	2.30	.049	12	29	.87	86	.02	<3	1.61	.01	.35	2	19.6
5609	4	102	183	1305	8.2	5	12	2056	3.83	24	<8	<2	12	108	17.5	<3	12	48	1.91	.052	8	32	1.13	206	.08	3	2.65	.13	.35	13	45.9
5610	6	51	143	453	5.5	5	10	1778	3.13	60	<8	<2	11	85	5.8	4	9	48	1.35	.048	8	31	1.09	146	.08	<3	2.16	.10	.25	7	7.9
RE 5610	5	53	143	451	5.7	4	10	1800	3.16	59	<8	<2	12	85	5.7	4	7	49	1.36	.049	8	30	1.10	144	.08	<3	2.16	.10	.24	7	6.7
RRE 5610	4	52	124	388	5.4	5	10	1834	3.22	63	<8	<2	11	88	4.6	6	12	51	1.39	.050	9	31	1.11	155	.08	<3	2.21	.10	.26	4	5.4
5611	4	71	106	1096	4.8	5	11	1234	2.72	30	<8	<2	10	66	14.2	4	6	47	.97	.051	9	37	1.11	65	.08	<3	1.74	.06	.14	<2	1.5
5612	4	364	829	3359	16.7	10	17	1910	3.75	370	<8	<2	11	98	60.4	8	15	44	1.37	.051	9	40	1.03	57	.02	<3	1.83	.03	.24	<2	268.2
5613	10	1696	5082	33870	59.9	30	21	1563	6.42	4676	<8	<2	6	103	927.0	14	25	19	.92	.044	7	31	.37	38	.02	<3	1.09	.02	.33	<2	2475.4
5614	60	2113	24626	22306	188.1	2127	47	1090	7.53	36750	<8	3	<2	25	542.3	1013	29	36	.46	.008	6	2498	.18	40	<.01	5	.63	<.01	.20	<2	9427.6
5615	2	23	4	57	<.3	26	7	371	1.98	7	10	<2	<2	45	.4	<3	<3	54	.80	.048	5	74	.75	83	.12	6	1.32	.11	.15	<2	<.2
STANDARD DS3	10	132	36	163	<.3	35	12	832	3.27	29	<8	<2	4	31	6.1	5	5	81	.55	.093	19	193	.61	145	.09	<3	1.78	.04	.17	<2	22.0

Sample type: CORE R150 60C. 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 ___

[redacted]CME [redacted]LYT[redacted]L LA[redacted]ATO[redacted] LT[redacted] [redacted] E. [redacted]TIN[redacted]T. [redacted]OUV[redacted]BC [redacted] 1R[redacted] P[redacted]E(60[redacted]53-[redacted] FA[redacted]4)2[redacted]71[redacted]
(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103689R

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Ag** gm/mt	Au** gm/mt
5557	8.9	3.68
5571	1553.3	9.33
5591	4.4	1.93
5613	61.3	2.78
5614	1548.2	9.52
RE 5614	1532.6	9.44

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: CORE PULP
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 25 2001 **DATE REPORT MAILED:** Nov 2/01 **SIGNED BY.** D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data ___ FA ___

[redacted]CME[redacted]LYT[redacted]L LA[redacted]ATO[redacted] LT[redacted] [redacted] E. [redacted]TIN[redacted]T. [redacted]OUV[redacted]BC [redacted] 1R[redacted] P[redacted](60[redacted]53-[redacted] FA[redacted]4)2[redacted]716[redacted]

(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103689R2

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Ag** gm/mt	Au** gm/mt
5566	4.4	.93
5577	13.3	.89
RE 5577	13.7	.86

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: CORE PULP
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: NOV 9 2001 **DATE REPORT MAILED:** Nov 16/01 **SIGNED BY** ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data___ FA ___

[redacted]CME[redacted]LYT[redacted]L LA[redacted]ATO[redacted] LT[redacted] [redacted] E. [redacted]TIN[redacted] T. [redacted]COUV[redacted]BC [redacted] 1R[redacted] P[redacted](60[redacted]53-[redacted] FA[redacted]4) 2[redacted]716[redacted]
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103741 Page 1

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
SI	<1	<1	<3	3	<.3	<1	<1	4	.02	<2	<8	<2	<2	15	<.2	<3	<3	<1	.20	.001	<1	1	<.01	3	<.01	<3	<.01	.35	<.01	<2	.4
4844	15	5	11	56	<.3	5	9	663	2.49	2	<8	<2	<2	94	<.2	3	<3	73	1.64	.053	20	58	.97	135	.11	<3	1.12	.08	.16	<2	2.2
4845	12	9	16	48	<.3	5	9	909	2.62	<2	<8	<2	3	117	<.2	<3	<3	66	1.82	.054	14	50	1.05	125	.09	<3	1.39	.11	.26	2	1.4
4846	41	81	12	48	2.5	6	11	1507	3.66	13	<8	<2	4	118	<.2	<3	<3	49	2.44	.055	10	52	1.02	115	.10	<3	1.41	.07	.31	2	22.1
4847	39	40	20	54	2.0	7	13	1570	2.61	44	<8	<2	4	110	.4	<3	<3	42	2.07	.053	10	59	.82	122	.11	<3	1.47	.09	.43	2	35.6
4848	25	50	10	46	1.0	7	10	776	2.60	<2	<8	<2	7	88	.2	<3	<3	55	1.18	.058	11	61	1.18	97	.13	<3	1.60	.11	.26	2	3.4
4849	35	112	8	55	1.9	6	15	782	3.40	5	<8	<2	6	127	.2	<3	<3	42	1.47	.055	6	45	1.21	106	.12	<3	1.61	.10	.25	<2	7.3
4850	16	47	11	36	1.0	7	10	496	2.43	<2	<8	<2	5	94	.2	<3	<3	60	1.11	.057	10	62	1.16	115	.12	4	1.50	.11	.22	<2	1.5
4851	34	14	6	34	.3	5	8	465	2.24	<2	<8	<2	5	115	<.2	<3	<3	51	1.37	.056	10	45	1.10	99	.11	3	1.41	.09	.18	<2	.6
4852	30	9	6	43	<.3	7	9	583	2.50	<2	<8	<2	4	98	.2	<3	<3	59	1.54	.056	11	57	1.12	101	.11	<3	1.48	.11	.19	<2	<.2
4853	66	71	9	50	1.3	5	12	875	2.32	8	<8	<2	4	150	.2	<3	3	47	1.38	.058	10	42	1.19	157	.09	<3	1.53	.10	.22	2	36.1
4854	21	44	6	45	1.0	7	12	619	2.88	<2	<8	<2	2	133	.3	<3	<3	80	1.71	.061	12	61	1.24	152	.12	4	1.51	.14	.19	2	1.2
RE 4854	21	45	7	45	.9	7	12	603	2.81	<2	<8	<2	2	128	.2	3	<3	79	1.66	.061	12	57	1.21	147	.11	5	1.48	.13	.19	<2	.9
RRE 4854	23	46	8	48	.7	5	12	624	2.86	<2	<8	<2	2	127	.2	<3	<3	79	1.69	.064	12	50	1.26	137	.12	<3	1.47	.11	.17	2	1.5
4855	11	30	9	37	<.3	7	10	501	2.74	2	<8	<2	2	181	<.2	<3	<3	75	1.46	.058	12	57	1.13	236	.13	<3	1.47	.14	.21	2	<.2
4856	2	4	7	44	<.3	7	12	749	2.65	<2	<8	<2	<2	100	<.2	<3	<3	54	2.78	.061	15	44	1.20	267	.03	<3	1.55	.09	.29	<2	.2
4857	2	7	3	37	<.3	8	12	742	2.90	<2	<8	<2	<2	126	<.2	<3	<3	66	3.19	.063	16	50	1.23	354	.02	<3	1.50	.08	.31	<2	.3
4858	1062	713	16	44	1.0	9	240	626	8.21	18	<8	<2	<2	131	<.2	<3	<3	70	2.19	.050	7	46	1.25	90	.08	<3	1.59	.08	.26	3	4.7
4859	10	28	5	38	<.3	11	17	746	3.39	<2	<8	<2	<2	148	<.2	<3	<3	113	2.49	.070	12	60	1.56	179	.17	3	1.84	.16	.22	<2	1.2
4860	7	26	21	31	<.3	7	12	556	2.70	<2	<8	<2	<2	100	.6	<3	<3	88	1.37	.067	13	53	1.14	215	.16	<3	1.31	.13	.16	<2	.4
4861	6	32	6	50	.8	9	12	1166	2.58	3	<8	<2	<2	110	<.2	<3	<3	62	1.59	.070	14	52	1.19	144	.13	<3	1.57	.12	.21	<2	2.0
4862	6	13	5	36	<.3	7	11	723	2.47	6	<8	<2	<2	116	<.2	<3	<3	66	2.20	.064	15	46	1.06	140	.09	<3	1.23	.09	.20	<2	4.5
4863	4	13	3	36	<.3	8	11	626	2.57	4	<8	<2	2	112	<.2	<3	<3	70	1.86	.062	13	62	1.13	112	.11	<3	1.34	.11	.19	<2	.5
4864	8	261	10	56	4.8	8	38	751	3.98	15	<8	<2	3	154	<.2	<3	<3	63	1.95	.056	11	47	1.24	120	.09	<3	1.79	.09	.25	<2	15.9
4865	5	117	6	40	1.0	8	13	637	2.69	2	<8	<2	2	86	<.2	<3	<3	57	1.90	.065	15	52	1.11	178	.06	<3	1.54	.08	.32	<2	2.1
4866	12	23	5	49	.6	7	12	877	2.82	<2	<8	<2	4	104	<.2	<3	<3	59	1.77	.061	12	46	1.17	131	.11	3	1.56	.10	.22	<2	1.6
4867	9	15	19	128	.8	9	12	1921	2.68	14	<8	<2	3	98	2.2	<3	<3	52	1.87	.064	11	59	1.23	105	.11	<3	1.71	.10	.30	2	8.2
4868	2	3	<3	45	<.3	6	11	693	2.68	<2	<8	<2	<2	92	.2	<3	<3	76	2.08	.065	13	40	1.10	127	.11	4	1.25	.10	.18	<2	.2
RE 4868	2	3	<3	45	<.3	6	11	695	2.71	<2	<8	<2	2	92	<.2	<3	<3	77	2.10	.066	13	40	1.11	128	.11	<3	1.27	.10	.18	<2	<.2
RRE 4868	1	5	6	46	<.3	7	11	699	2.73	<2	<8	<2	<2	94	.2	<3	<3	78	2.10	.066	13	47	1.11	125	.11	<3	1.28	.11	.19	<2	.5
4869	3	17	<3	41	<.3	6	11	686	2.70	2	<8	<2	<2	99	<.2	<3	<3	75	2.21	.065	15	38	1.16	207	.08	<3	1.30	.10	.19	<2	3.2
4870	1	12	7	50	<.3	7	12	947	2.88	<2	<8	<2	<2	121	<.2	<3	<3	63	3.05	.067	18	41	1.25	606	.03	<3	1.60	.09	.34	<2	.3
4871	3	24	22	86	.9	7	12	1679	2.78	4	<8	<2	<2	125	.3	<3	<3	52	3.42	.063	15	34	1.22	441	.03	<3	1.62	.08	.34	<2	5.3
4872	4	273	5	54	2.1	21	20	776	3.82	3	<8	<2	<2	112	<.2	<3	<3	78	2.11	.109	14	58	1.71	145	.13	<3	1.97	.16	.22	4	3.3
4873	4	202	6	47	.4	17	12	675	3.47	2	<8	<2	<2	114	<.2	<3	3	79	1.99	.108	13	53	1.67	215	.13	<3	1.77	.13	.20	5	1.5
STANDARD DS3	10	130	35	162	<.3	37	13	831	3.38	31	<8	<2	<2	31	5.8	5	7	87	.59	.098	20	189	.64	154	.09	<3	1.78	.04	.19	4	21.8

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE R150 60C AU* IGNITION BY ACID LEACHED, ANALYZE BY ICP-MS. (10 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 22 2001 **DATE REPORT MAILED:** Oct 30/01 **SIGNED BY.....** D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data ✓ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
4874	1	385	11	58	2.1	19	23	831	3.90	3	<8	<2	5	103	.2	<3	3	58	2.69	.112	18	53	1.79	182	.01	<3	2.02	.08	.33	3	3.5
4875	1	27	4	38	<.3	8	11	671	2.89	3	<8	<2	9	106	<.2	<3	<3	70	2.14	.073	14	40	1.37	270	.09	<3	1.59	.10	.18	<2	2.5
4876	1	112	9	54	<.3	17	18	714	3.75	5	<8	<2	5	124	<.2	<3	<3	67	2.27	.106	12	51	1.71	215	.10	3	1.92	.12	.21	4	3.7
4877	3	317	304	265	5.5	17	22	2244	3.90	22	<8	<2	5	126	5.5	<3	<3	63	2.42	.111	15	47	1.64	193	.04	<3	1.96	.09	.30	6	21.0
4878	59	2129	22560	22869	298.0	1856	42	1112	7.68	35329	8	6	<2	23	534.7	1065	47	34	.51	.010	5	1957	.20	46	<.01	5	.66	<.01	.21	13	6171.5
4879	1	19	9	42	<.3	25	6	349	1.93	8	<8	<2	<2	44	.2	<3	<3	55	.85	.049	5	68	.74	93	.13	5	1.27	.12	.16	<2	<.2
4880	3	43	15	53	<.3	17	13	913	3.26	5	<8	<2	5	124	<.2	<3	<3	61	2.64	.104	19	48	1.56	323	.02	<3	1.70	.07	.23	4	8.5
4881	3	474	13	91	1.6	19	18	870	3.38	8	<8	<2	5	147	.2	<3	<3	60	2.65	.105	17	52	1.66	281	.02	<3	1.78	.08	.25	50	11.9
4882	3	85	7	51	<.3	16	12	811	3.19	3	<8	<2	4	152	<.2	<3	<3	59	2.32	.103	14	48	1.67	490	.06	<3	1.74	.09	.18	37	5.7
4883	2	80	11	59	.5	16	13	1337	3.37	4	<8	<2	6	159	<.2	<3	<3	64	2.36	.104	16	48	1.58	577	.04	<3	1.75	.09	.20	17	4.0
4884	2	42	26	115	.9	6	12	2015	2.75	4	<8	<2	10	129	2.7	<3	<3	44	2.58	.063	19	34	1.10	307	.01	<3	1.51	.05	.33	2	7.0
RE 4884	1	42	29	111	.6	6	12	2011	2.74	7	<8	<2	11	129	2.6	<3	<3	45	2.57	.063	19	33	1.10	308	.01	<3	1.53	.05	.33	<2	10.7
RRE 4884	1	43	28	121	.9	7	12	2038	2.80	3	<8	<2	11	134	2.8	<3	<3	46	2.64	.061	20	41	1.12	322	.01	<3	1.58	.06	.36	3	13.4
4885	5	16	56	59	.5	5	11	1682	2.53	2	<8	<2	10	155	.3	<3	3	34	3.09	.061	19	23	1.06	473	.01	<3	1.56	.06	.38	<2	4.7
4886	<1	18	12	53	<.3	5	11	1255	2.64	2	<8	<2	12	175	<.2	<3	<3	34	2.83	.062	21	25	1.17	859	.01	<3	1.62	.06	.35	<2	3.7
4887	1	9	102	163	.7	5	12	3272	2.83	6	<8	<2	11	196	3.5	<3	<3	40	3.31	.063	21	23	1.09	839	<.01	<3	1.58	.06	.38	2	7.7
4888	2	11	86	115	.9	5	11	4250	2.94	22	<8	<2	11	169	1.6	<3	3	44	2.98	.063	17	27	1.02	395	<.01	<3	1.46	.06	.35	2	22.4
4889	12	32	18	51	.8	5	11	1565	2.51	11	<8	<2	11	207	<.2	<3	3	35	3.26	.060	19	29	1.09	659	<.01	<3	1.49	.06	.39	<2	8.8
4890	<1	3	28	68	.5	5	10	1915	2.38	5	<8	<2	11	174	.2	<3	<3	26	2.86	.060	21	24	.96	314	<.01	<3	1.35	.04	.38	<2	5.8
4891	9	14	41	119	1.1	5	11	2242	3.84	14	<8	<2	8	188	.8	<3	3	34	3.66	.128	27	29	1.08	132	.01	<3	2.19	.03	.54	<2	22.2
4892	3	11	9	96	<.3	2	10	1444	4.61	15	<8	<2	3	209	.4	<3	<3	68	3.67	.214	27	8	.87	136	.02	<3	2.11	.07	.42	<2	3.3
4893	3	12	14	118	<.3	2	12	1178	4.73	10	<8	<2	4	152	.2	<3	<3	61	3.49	.210	27	10	1.14	157	.01	<3	2.25	.06	.40	<2	2.6
4894	4	11	13	107	<.3	1	11	1269	4.68	5	<8	<2	4	121	.3	<3	<3	57	2.97	.210	28	8	1.02	123	.01	<3	2.13	.06	.37	2	3.0
4895	17	5	82	85	1.2	2	3	547	1.50	15	8	<2	8	56	1.5	<3	4	13	1.14	.060	18	29	.28	77	<.01	<3	.84	.01	.38	2	22.0
4896	17	4	192	273	2.1	1	<1	527	.41	28	<8	<2	10	43	6.7	<3	<3	1	.82	.003	14	28	.03	49	<.01	<3	.38	.01	.34	<2	55.6
RE 4896	18	4	195	274	2.4	1	<1	530	.41	28	<8	<2	11	44	6.8	<3	<3	1	.82	.003	14	29	.03	50	<.01	<3	.38	.01	.35	<2	67.7
RRE 4896	18	4	195	277	2.2	3	<1	540	.45	28	8	<2	11	45	6.8	<3	<3	1	.83	.003	15	33	.03	55	<.01	<3	.43	.01	.39	<2	67.7
4897	26	4	202	206	2.3	2	1	1894	.47	41	<8	<2	7	123	4.3	<3	<3	<1	2.94	.003	10	31	.03	42	<.01	3	.38	<.01	.32	<2	76.2
4898	7	3	50	94	1.8	59	17	2238	2.32	61	<8	<2	4	109	.9	<3	4	20	3.50	.068	11	58	1.00	163	<.01	3	1.34	.01	.39	2	11.0
4899	2	5	22	69	.7	185	32	2254	5.45	16	<8	<2	2	130	.4	<3	3	84	3.46	.111	13	129	3.97	58	<.01	<3	3.34	.02	.24	3	8.2
4900	6	22	13	49	.8	11	15	1564	3.20	13	<8	<2	8	205	.2	<3	4	35	4.01	.069	18	31	1.45	144	<.01	<3	1.75	.03	.42	<2	4.1
4901	4	3	41	48	.4	2	1	441	.65	4	<8	<2	6	57	.8	<3	<3	1	.77	.007	21	37	.10	143	<.01	<3	.38	.05	.31	<2	3.4
4902	8	5	62	160	.7	3	1	526	.65	10	<8	<2	8	59	3.3	<3	<3	2	.83	.006	20	48	.03	165	<.01	<3	.43	.05	.39	4	21.2
4903	7	6	55	125	.7	1	<1	625	.65	11	<8	<2	7	62	2.4	<3	<3	1	.84	.006	19	41	.03	122	<.01	<3	.38	.05	.35	3	14.8
4904	16	4	68	150	.5	3	1	532	.63	7	<8	<2	7	70	2.9	<3	<3	1	.88	.006	24	44	.04	145	<.01	<3	.44	.06	.38	3	17.6
STANDARD DS3	9	131	36	166	<.3	35	13	829	3.39	33	8	<2	5	32	5.9	6	5	86	.60	.101	20	182	.65	164	.09	<3	1.76	.04	.19	3	21.4

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

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

Data A FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
4905	6	8	25	72	.5	51	10	1198	1.80	4	<8	<2	<2	176	.8	<3	<3	17	2.78	.040	18	56	.89	98	<.01	<3	.83	.04	.32	2	3.9
4906	2	11	5	34	<.3	7	10	984	1.77	5	<8	<2	5	178	.3	<3	<3	11	3.99	.049	24	25	.64	330	<.01	3	1.19	.02	.46	<2	3.1
4907	1	8	14	42	<.3	3	10	933	1.86	<2	<8	<2	4	205	.3	<3	<3	10	3.83	.048	21	10	.76	1167	<.01	<3	1.08	.02	.41	<2	1.2
4908	2	7	14	49	<.3	4	11	812	2.02	4	<8	<2	4	126	.2	<3	<3	14	2.85	.052	22	9	.87	545	<.01	3	1.20	.04	.37	<2	1.5
4909	1	21	20	32	<.3	6	11	500	2.13	6	<8	<2	3	52	.2	<3	<3	11	1.16	.053	21	46	1.11	93	<.01	3	1.36	.04	.37	<2	1.9
4910	2	30	17	50	.3	13	14	1240	2.68	3	<8	<2	<2	113	.2	<3	<3	19	2.88	.087	21	41	1.22	91	<.01	<3	1.56	.03	.39	<2	.9
4911	9	20	100	130	1.9	9	11	1593	1.99	14	<8	<2	3	103	1.8	<3	<3	9	3.06	.038	20	10	.71	109	<.01	<3	1.29	.02	.32	3	20.9
4912	9	26	245	378	3.2	3	5	803	.82	14	<8	<2	<2	48	6.4	3	<3	1	1.34	.007	17	7	.16	96	<.01	<3	.55	.03	.30	<2	41.1
4913	8	28	361	550	7.0	9	9	1705	2.88	40	<8	<2	<2	71	10.2	4	<3	23	1.89	.046	19	17	1.20	56	<.01	<3	2.40	.01	.37	<2	107.9
4914	1	32	14	71	.6	15	21	1689	4.04	4	<8	<2	<2	148	.4	<3	<3	56	4.22	.080	16	26	2.13	85	<.01	<3	2.39	.03	.37	<2	2.3
RE 4914	2	32	12	67	.5	16	21	1665	3.99	4	<8	<2	<2	146	.3	<3	<3	53	4.05	.079	16	27	2.11	85	<.01	<3	2.35	.03	.37	<2	1.8
RRE 4914	2	32	13	68	.6	16	21	1675	4.05	<2	<8	<2	<2	147	.2	<3	<3	55	4.23	.080	16	18	2.13	92	<.01	<3	2.40	.03	.39	<2	2.3
4915	2	58	12	91	1.0	24	30	1980	5.72	<2	<8	<2	<2	159	.3	<3	<3	99	4.99	.106	12	27	3.20	74	.01	<3	3.40	.03	.36	2	3.9
4916	1	29	7	83	.4	23	27	1955	4.98	11	<8	<2	<2	159	.2	<3	<3	91	5.15	.091	11	31	2.87	81	.01	<3	3.09	.04	.40	<2	5.0
4917	1	8	11	96	.6	21	28	1870	5.08	9	<8	<2	<2	162	.3	<3	<3	87	4.73	.097	14	30	2.73	73	.01	<3	3.13	.04	.44	<2	3.3
4918	1	3	5	51	<.3	6	13	1768	2.55	12	<8	<2	3	165	.3	<3	<3	25	3.90	.061	18	29	1.07	92	<.01	<3	1.63	.02	.55	<2	2.0
4919	2	4	28	81	.4	6	13	3035	2.84	32	<8	<2	3	202	.5	3	<3	20	4.22	.063	22	9	1.15	75	<.01	<3	1.66	.02	.44	2	8.4
4920	8	23	447	553	7.1	8	12	4467	2.42	893	<8	<2	4	124	9.8	5	<3	12	3.69	.059	12	7	.83	90	<.01	3	1.02	.01	.51	<2	181.7
4921	17	23	128	223	4.1	8	12	3826	1.67	299	<8	<2	<2	125	3.0	3	<3	15	4.12	.064	14	24	.37	96	<.01	<3	.96	.01	.44	<2	72.3
4922	6	29	19	177	1.7	7	12	3549	2.64	54	<8	<2	4	193	.6	<3	<3	12	4.38	.062	13	44	.81	90	<.01	<3	1.37	.01	.48	<2	26.4
4923	20	30	588	1300	11.6	5	16	2387	2.80	66	<8	<2	<2	108	13.8	5	<3	9	1.98	.060	18	38	.84	99	<.01	<3	1.41	.01	.42	<2	237.6
4924	29	251	7434	8676	107.9	27	14	2586	5.29	920	<8	3	<2	47	227.0	18	<3	28	1.25	.095	9	51	.74	47	<.01	<3	1.58	.01	.60	<2	1690.0
4925	10	231	6157	12215	109.4	29	13	2756	4.90	5207	<8	3	2	57	260.5	26	<3	20	1.69	.075	6	38	.50	47	<.01	<3	1.21	.01	.55	<2	2213.2
4926	39	176	3606	5926	54.6	27	19	2043	3.51	4990	<8	3	2	50	108.9	16	<3	15	1.44	.057	10	36	.36	63	<.01	<3	1.13	.01	.57	<2	2020.7
RE 4926	36	172	3522	5777	51.1	26	19	1993	3.42	4831	<8	2	2	49	106.1	15	4	14	1.41	.056	9	35	.35	62	<.01	<3	1.11	.01	.56	<2	1973.7
RRE 4926	40	172	3574	5775	54.5	26	19	2005	3.46	5035	<8	3	2	49	106.0	16	3	14	1.42	.056	10	38	.35	60	<.01	<3	1.07	.01	.53	<2	2172.8
4927	7	33	246	389	1.9	7	4	1473	1.88	14	<8	<2	<2	70	4.8	<3	<3	9	1.54	.036	38	34	.41	44	<.01	<3	.90	.07	.26	<2	37.0
4928	3	9	519	551	4.2	154	52	4299	5.23	93	<8	<2	<2	203	4.5	3	<3	59	5.18	.111	8	126	2.51	139	.01	3	2.67	.01	.51	<2	30.0
4929	66	1909	20812	22681	217.3	2201	49	1090	7.27	36483	<8	2	<2	22	529.4	1040	18	36	.49	.009	6	2542	.19	41	<.01	3	.61	<.01	.21	4	6898.9
4930	2	18	9	43	<.3	24	7	351	1.90	7	<8	<2	<2	44	.2	<3	<3	52	.82	.048	5	34	.75	86	.13	4	1.21	.13	.17	2	<.2
4931	5	9	97	128	2.6	7	11	2068	2.41	20	<8	<2	8	110	.9	3	<3	13	2.79	.046	14	12	1.05	82	<.01	3	1.36	.03	.45	3	20.0
4932	7	77	964	829	10.2	3	8	1878	1.59	59	<8	<2	9	80	17.4	4	<3	9	2.18	.036	17	8	.65	72	<.01	3	1.13	.01	.52	<2	113.0
4933	3	7	194	464	1.1	124	22	3665	4.44	84	<8	<2	<2	83	3.6	4	<3	74	2.93	.095	14	158	3.14	81	.01	<3	3.01	.01	.43	<2	42.0
4934	3	6	224	378	1.1	3	11	2974	1.87	642	<8	<2	8	142	5.4	<3	<3	12	3.74	.043	12	29	.59	116	<.01	<3	1.10	.02	.51	<2	332.0
STANDARD DS3	10	123	35	162	.3	36	13	845	3.29	32	<8	<2	<2	32	6.0	4	6	85	.60	.100	21	185	.67	148	.10	<3	1.73	.04	.19	5	20.5

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

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

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
4960	6	492	847	9192	41.0	40	18	4472	6.09	615	<8	<2	<2	24	93.0	3	3	71	.42	.096	13	85	2.07	117	.03	<3	3.10	.01	.39	113	252.2
4961	1	64	29	1481	.9	39	19	2718	3.82	16	<8	<2	<2	59	11.9	<3	<3	81	2.65	.091	11	94	2.24	51	.09	<3	2.50	.04	.18	17	4.3
4962	2	13	135	1135	1.0	129	25	4578	6.78	95	<8	3	<2	69	7.6	<3	<3	144	4.04	.093	8	275	4.32	44	.08	<3	4.44	.01	.26	5	17.2
4963	44	3304	24435	45613	246.4	30	27	2162	12.47	79325	<8	51	<2	64	1026.6	72	74	40	.29	.048	7	51	.80	53	.02	<3	1.72	.01	.32	594	33968.0
4964	3	59	142	1137	1.4	17	16	2141	3.13	144	<8	<2	<2	108	10.3	5	<3	70	1.97	.127	13	42	2.01	38	.13	<3	2.18	.05	.07	15	34.0
4965	32	180	1698	4275	11.7	16	21	1732	3.24	26	<8	<2	<2	72	73.6	3	11	57	1.79	.086	11	50	1.73	37	.14	<3	1.85	.05	.10	61	103.0
4966	5	5	31	273	<.3	27	22	1976	3.62	22	<8	<2	<2	110	1.9	4	<3	81	2.60	.116	8	61	2.69	37	.18	<3	2.57	.05	.07	4	7.2
4967	3	11	50	147	<.3	21	17	1408	3.09	47	<8	<2	<2	112	1.1	<3	<3	65	2.00	.105	11	45	2.17	35	.12	<3	2.21	.05	.06	<2	18.0
4968	2	18	532	923	3.1	13	11	3149	3.21	43	<8	<2	5	114	12.5	<3	<3	29	3.40	.051	11	29	1.21	83	.01	<3	2.01	.01	.51	12	118.3
4969	9	16	431	522	4.2	1	1	824	.52	47	<8	<2	4	49	8.4	<3	<3	<1	1.08	.004	12	6	.05	47	<.01	<3	.37	.01	.31	8	45.6
4970	7	28	594	646	7.3	2	2	790	.63	60	<8	<2	5	32	10.7	<3	<3	<1	.97	.004	10	10	.03	55	<.01	4	.40	.01	.34	10	119.0
RE 4970	7	27	593	649	7.4	2	2	793	.64	60	<8	<2	5	32	10.6	<3	<3	<1	.98	.004	11	7	.03	56	<.01	3	.40	.01	.34	11	108.7
RRE 4970	7	27	632	732	7.2	2	2	786	.62	56	<8	<2	5	32	12.0	<3	<3	2	.97	.004	11	30	.04	56	<.01	4	.42	.01	.36	11	119.7
4971	22	165	2908	3148	47.6	11	9	1692	3.68	336	<8	<2	<2	37	60.6	9	3	32	.76	.085	17	34	.60	89	<.01	3	1.53	.01	.42	44	1599.7
4972	5	15	117	164	.9	3	3	706	1.63	11	<8	<2	<2	42	2.5	<3	<3	10	1.07	.030	33	12	.24	59	<.01	<3	.78	.04	.26	3	80.4
4973	4	12	47	107	<.3	6	5	724	1.88	9	<8	<2	<2	34	1.0	<3	<3	15	.83	.035	34	21	.42	61	<.01	<3	.98	.05	.28	2	12.9
4974	12	72	3239	5523	50.7	3	2	512	1.79	377	<8	<2	4	14	136.8	6	3	2	.31	.003	8	42	.07	32	<.01	<3	.48	.01	.30	76	1170.4
4975	7	30	629	677	13.2	1	1	1135	.49	17	<8	<2	3	25	11.8	3	<3	1	.69	.004	13	27	.10	41	<.01	4	.46	.01	.33	10	104.4
4976	6	20	76	126	.3	13	5	1300	2.00	7	<8	<2	<2	40	1.1	<3	<3	14	1.08	.043	32	25	.45	59	<.01	<3	1.03	.04	.25	2	70.8
4977	5	15	107	191	<.3	6	4	910	1.77	5	<8	<2	<2	50	2.1	<3	<3	10	1.17	.034	34	25	.31	52	<.01	<3	.86	.05	.26	4	12.0
4978	5	16	214	330	1.7	7	3	1541	1.64	8	<8	<2	<2	84	5.5	<3	<3	10	2.46	.026	31	46	.27	53	<.01	<3	.92	.05	.27	5	55.4
4979	6	18	113	255	.6	3	3	714	1.18	22	<8	<2	<2	40	3.8	<3	<3	6	.89	.015	24	44	.19	38	<.01	<3	.61	.04	.24	4	41.9
4980	11	52	855	1818	8.6	32	9	1356	2.44	398	<8	<2	<2	39	26.2	3	<3	16	1.04	.037	12	47	.63	71	<.01	<3	1.30	.01	.41	22	235.1
4981	114	111	1567	3442	20.8	48	11	1133	3.27	5814	<8	<2	<2	46	58.9	29	4	16	1.11	.047	9	50	.65	41	<.01	<3	1.24	.01	.30	44	1382.4
4982	46	15	68	109	2.6	6	9	1132	1.59	43	<8	<2	<2	64	1.5	5	<3	7	1.57	.032	9	20	.42	51	<.01	<3	.93	.01	.31	2	74.9
RE 4982	46	15	73	110	2.6	6	9	1126	1.59	43	<8	<2	2	64	1.6	6	<3	7	1.56	.032	9	17	.42	52	<.01	<3	.94	.01	.31	2	82.3
RRE 4982	46	13	68	108	2.4	6	9	1133	1.55	41	<8	<2	<2	64	1.6	6	<3	6	1.57	.033	8	9	.41	42	<.01	<3	.83	.01	.24	3	78.0
4983	35	33	310	492	4.4	13	8	1183	1.78	44	<8	<2	<2	58	8.0	6	3	10	1.62	.036	9	13	.47	55	<.01	<3	.98	.01	.28	7	132.6
4984	16	49	705	1038	5.4	26	13	2266	1.99	26	<8	<2	4	184	16.4	4	6	12	3.46	.060	12	23	.67	110	<.01	<3	.86	.01	.37	14	115.8
4985	7	3	147	75	2.7	5	2	789	.67	13	<8	<2	<2	57	1.4	<3	3	1	.80	.012	14	27	.18	412	<.01	<3	.39	.01	.35	2	20.0
5626	11	1051	5967	11473	105.1	8	25	1409	9.50	84154	<8	17	<2	23	220.0	47	79	22	.77	.040	10	28	.54	57	.01	<3	1.56	.01	.39	148	16281.2
5627	5	67	131	384	3.9	11	10	1499	2.58	209	<8	<2	5	65	4.9	4	3	50	1.40	.075	16	39	1.06	68	.05	3	1.74	.05	.27	5	567.0
STANDARD DS3	10	126	35	159	<.3	35	12	831	3.26	30	<8	<2	<2	28	6.0	4	5	80	.55	.097	18	185	.61	149	.09	<3	1.80	.04	.17	3	20.6

Sample type: CORE R150 60C. 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 ____

[illegible]CME [illegible]LYT[illegible] LA[illegible]TOR[illegible] LTD[illegible] [illegible]E. [illegible]TING[illegible]T. V[illegible]OUV[illegible]C [illegible]1R6[illegible] PH[illegible](60[illegible]3-3[illegible] FAX[illegible])2[illegible]716[illegible]
(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103741R

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Ag** gm/mt	Au** gm/mt
4878	1471.0	10.74
4924	101.0	1.74
4925	105.6	2.50
4926	52.0	2.12
4929	1476.7	10.16
4963	243.2	40.37
4971	47.2	1.79
4974	49.9	1.01
4981	20.6	1.43
5626	105.0	16.22
RE 5626	105.7	17.83
STANDARD R-1/AU-1	102.2	3.23

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: CORE PULP
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 31 2001 **DATE REPORT MAILED:** Nov 5/01 **SIGNED BY** ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data ✓ FA ___

[redacted] LTD [redacted] E. [redacted] ING [redacted]. V[redacted] UVE [redacted] C [redacted] 1R6 [redacted] PH [redacted] (604 [redacted] 3-3 [redacted] FAX [redacted]) 25 [redacted] 716 [redacted]
(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103741R2
2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Au** gm/mt	Pt** gm/mt	Pd** gm/mt
4963	40.90	<.01	<.01

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: CORE PULP

DATE RECEIVED: NOV 2 2001 **DATE REPORT MAILED:** Nov 7/01 **SIGNED BY.** C. Leong .D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data FA YING

[redacted]CME [redacted]LYT[redacted] LA[redacted]TOR[redacted] LTD[redacted] [redacted]E. [redacted]TING[redacted]T. [redacted]OUV[redacted]C [redacted]1R6[redacted] P[redacted](60[redacted]3-3[redacted] FA[redacted])2[redacted]716[redacted]
(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103741R3

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Ag** gm/mt	Au** gm/mt
5627	4.2	.58

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: CORE PULP

DATE RECEIVED: NOV 9 2001 **DATE REPORT MAILED:** Nov 16/01 **SIGNED BY.** C. Leong .D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data FA

[redacted]CI[redacted]LYT[redacted]L L[redacted]ATO[redacted] LT[redacted] [redacted] E. [redacted]TIN[redacted]T. [redacted]OUV[redacted]BC [redacted] 1R[redacted] P[redacted]:(60[redacted]53-[redacted] FA[redacted]4) 2[redacted]716[redacted]

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GEOCHEMICAL ANALYSIS CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103776 Page 1

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
SI	<1	<1	<3	<1	<.3	<1	<1	<2	<.01	<2	<8	<2	<2	<1	<.2	<3	<3	<1	<.01	<.001	<1	2	<.01	<1	<.01	<3	<.01	<.01	<.01	<2	.5
4935	1	9	152	378	1.4	4	6	2540	1.64	575	<8	<2	15	108	5.8	<3	<3	10	2.84	.041	11	25	.40	102	<.01	<3	.96	.03	.42	<2	232.3
4936	1	12	77	130	1.7	3	6	2188	1.32	155	<8	<2	19	72	1.7	<3	<3	10	2.26	.040	16	29	.40	100	<.01	<3	.89	.04	.36	2	99.4
4937	2	17	153	126	2.0	4	16	2273	1.86	153	<8	<2	13	92	1.3	<3	<3	15	2.80	.050	13	34	.53	105	<.01	<3	1.16	.03	.43	2	100.4
4938	1	3	10	54	<.3	3	5	1751	1.85	7	<8	<2	12	95	.2	<3	<3	21	2.99	.049	23	10	.65	141	.01	<3	1.43	.04	.47	<2	25.0
4939	4	5	95	63	<.3	4	6	1665	1.98	12	<8	<2	13	88	<.2	<3	<3	28	2.77	.048	18	11	.77	144	.01	3	1.49	.05	.40	2	4.2
4940	1	13	26	184	.4	4	9	1775	2.31	4	<8	<2	15	73	1.9	<3	<3	36	2.33	.055	22	33	1.04	135	.01	3	1.74	.09	.39	3	3.9
4941	3	24	334	421	1.6	5	9	1596	2.27	26	<8	<2	16	39	1.8	<3	<3	25	1.32	.046	31	40	.87	112	<.01	<3	1.58	.05	.41	<2	28.6
4942	7	4	67	183	<.3	4	8	1510	2.30	9	<8	<2	13	46	2.4	<3	<3	36	1.43	.055	21	35	1.01	105	.01	4	1.65	.08	.34	3	3.2
4943	<1	6	23	102	<.3	5	7	1455	2.02	11	<8	<2	13	45	.8	<3	<3	29	1.74	.052	24	43	.90	158	.01	3	1.61	.08	.41	2	3.2
4944	1	28	99	113	.9	4	8	1324	1.78	6	<8	<2	13	64	1.2	<3	<3	25	2.04	.041	13	10	.71	125	.01	<3	1.25	.07	.32	2	12.5
RE 4944	2	30	101	121	1.0	4	9	1414	1.89	9	<8	<2	14	68	1.4	<3	<3	27	2.16	.045	14	12	.76	133	.01	<3	1.36	.08	.35	2	9.7
RRE 4944	2	32	111	125	1.0	4	9	1382	1.86	6	<8	<2	14	65	1.4	<3	<3	27	2.09	.044	15	13	.76	133	.01	<3	1.35	.08	.34	3	8.7
4945	2	14	73	108	.5	4	9	1323	2.09	2	<8	<2	13	74	.6	<3	<3	40	1.80	.052	13	31	1.02	110	.02	5	1.52	.08	.25	2	2.5
4946	1	6	12	80	<.3	5	9	1170	2.10	<2	<8	<2	14	74	.2	<3	<3	47	1.70	.052	15	32	1.06	77	.02	<3	1.40	.07	.19	2	1.1
4947	2	5	55	148	.3	4	8	1998	2.11	7	<8	<2	12	84	.9	<3	<3	26	2.50	.054	17	11	.78	107	.01	<3	1.58	.04	.43	3	7.7
4948	8	40	464	583	4.0	4	11	2042	2.42	66	<8	<2	12	64	9.2	<3	<3	27	2.27	.053	15	12	.79	109	.01	<3	1.66	.05	.48	<2	137.5
4949	2	7	29	120	.5	4	6	1689	2.23	<2	<8	<2	12	73	.3	<3	<3	29	2.42	.050	14	28	.93	128	.01	<3	1.67	.06	.38	2	2.3
4950	2	4	23	95	.3	5	7	1516	2.12	<2	<8	<2	12	76	.5	<3	<3	31	2.37	.050	13	34	.90	107	.02	<3	1.65	.08	.38	2	2.5
4951	1	3	23	106	<.3	4	5	1343	2.11	3	<8	<2	13	61	.5	<3	<3	37	1.62	.052	13	29	1.02	77	.03	<3	1.60	.09	.22	2	.8
4952	7	33	383	456	2.9	4	8	1838	2.48	67	<8	<2	15	33	5.5	<3	<3	30	1.37	.050	17	10	.87	113	.01	<3	1.64	.04	.39	4	56.6
4953	6	19	211	324	1.3	4	5	1997	2.23	14	<8	<2	13	56	4.8	<3	<3	29	2.58	.054	26	13	.80	108	.01	<3	1.73	.03	.50	<2	12.4
4954	2	12	229	480	1.5	4	7	2216	2.44	8	<8	<2	12	60	5.6	<3	<3	28	2.70	.053	17	33	.82	111	.01	<3	1.89	.03	.58	<2	4.8
4955	3	132	2486	2892	10.4	3	37	2079	3.03	41	<8	<2	11	60	48.3	<3	3	25	2.45	.045	8	29	.66	115	.01	3	1.69	.02	.51	<2	39.9
4956	2	11	196	259	.5	5	8	1665	2.26	<2	<8	<2	13	39	1.9	<3	<3	43	1.50	.053	16	14	1.00	67	.01	<3	1.64	.08	.27	<2	1.4
RE 4956	2	11	198	256	.4	4	8	1660	2.25	<2	<8	<2	13	39	1.9	<3	<3	43	1.49	.053	15	14	.99	67	.01	<3	1.64	.08	.27	<2	.7
RRE 4956	1	10	229	246	.4	4	7	1580	2.14	4	<8	<2	12	38	2.0	<3	<3	40	1.45	.051	15	11	.94	64	.01	<3	1.53	.08	.25	<2	.8
4957	1	29	24	125	.5	7	10	1269	2.20	5	<8	<2	11	58	1.0	<3	<3	45	1.51	.058	13	39	1.10	68	.06	<3	1.61	.08	.18	3	.6
4958	1	11	19	95	<.3	4	10	1305	1.88	9	<8	<2	13	58	.6	<3	3	34	1.74	.050	18	28	.97	61	.01	<3	1.47	.08	.26	2	1.5
4959	1	18	15	72	.7	6	11	1059	2.02	29	11	<2	14	48	.3	<3	<3	39	.99	.052	19	47	.97	81	.01	3	1.45	.08	.24	2	21.1
4986	5	13	328	552	5.2	17	6	2731	1.41	20	<8	<2	9	161	10.5	3	<3	5	2.47	.035	13	12	.45	96	<.01	<3	.63	.01	.36	<2	78.8
4987	10	16	173	229	1.5	10	4	1909	.94	15	8	<2	9	127	4.9	<3	<3	2	1.64	.023	9	7	.24	198	<.01	<3	.45	.01	.37	<2	30.7
4988	1	10	8	153	.3	17	13	985	3.50	10	<8	<2	7	66	.7	<3	<3	82	1.82	.107	13	43	1.57	68	.14	<3	2.03	.10	.17	4	3.2
4989	2	5	15	157	.4	17	15	2840	4.88	340	<8	<2	8	38	.8	4	<3	52	1.47	.097	19	29	1.29	50	.04	8	2.76	.03	.55	5	78.5
STANDARD DS3	10	128	35	161	<.3	37	12	822	3.26	31	9	<2	4	29	6.2	5	6	80	.55	.098	18	185	.61	153	.08	4	1.79	.04	.17	6	20.0

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE R150 60C AU* IGNITION BY ACID LEACHED, ANALYZE BY ICP-MS. (10 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 25 2001 **DATE REPORT MAILED:** Oct 30/01 **SIGNED BY.** C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

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SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
4990	1	8	19	96	<.3	16	29	1290	3.38	4	<8	<2	7	66	<.2	<3	<3	73	1.89	.104	12	43	1.59	37	.14	<3	1.97	.06	.14	3	1.2
4991	1	10	10	111	<.3	17	13	971	3.36	3	<8	<2	8	74	.3	<3	<3	76	1.95	.111	12	46	1.63	42	.12	<3	1.94	.07	.12	4	2.4
4992	1	12	10	124	.5	16	14	1182	3.94	3	<8	<2	6	64	.5	<3	<3	91	2.19	.114	12	35	1.69	36	.13	4	2.11	.07	.14	5	8.9
4993	<1	12	5	110	<.3	14	11	1284	3.32	4	<8	<2	7	48	.2	<3	<3	83	1.57	.113	12	31	1.38	43	.14	<3	1.80	.07	.14	4	1.2
4994	1	9	14	103	<.3	15	13	1840	3.46	586	<8	<2	8	39	.2	4	<3	64	1.62	.101	14	39	1.17	44	.09	3	1.77	.05	.23	7	15.5
4995	<1	6	3	106	<.3	15	15	1885	4.04	6	<8	<2	8	47	.4	<3	<3	77	2.03	.092	13	44	1.50	45	.10	<3	2.12	.05	.17	5	1.0
4996	1	12	5	57	<.3	13	9	597	2.55	4	<8	<2	8	53	<.2	<3	<3	64	1.29	.108	13	44	1.08	43	.13	<3	1.25	.07	.09	3	<.2
4997	1	21	10	60	<.3	13	11	533	2.64	3	<8	<2	6	64	<.2	<3	<3	73	1.42	.121	12	28	1.23	36	.14	<3	1.31	.08	.08	3	.5
4998	1	22	4	56	<.3	12	10	552	2.68	3	<8	<2	6	64	<.2	<3	<3	77	1.35	.110	12	25	1.27	38	.14	<3	1.38	.08	.08	2	1.5
4999	68	2055	28428	22318	299.4	2249	50	1209	7.83	35500	<8	9	<2	22	503.8	763	<3	40	.49	.009	6	2255	.20	41	<.01	6	.68	<.01	.20	77	9412.7
5000	1	19	<3	40	<.3	25	6	360	1.89	6	<8	<2	<2	42	<.2	<3	<3	54	.80	.048	5	60	.73	82	.12	5	1.35	.13	.16	3	<.2
5001	1	15	15	82	.3	14	12	775	2.86	24	<8	<2	7	62	.6	<3	<3	77	1.73	.111	13	42	1.40	52	.14	<3	1.45	.07	.11	2	8.3
5002	1	11	9	87	<.3	16	13	753	3.08	5	<8	<2	7	72	.2	<3	<3	83	1.99	.103	13	39	1.70	44	.14	<3	1.63	.06	.08	3	2.4
RE 5002	1	11	12	89	<.3	17	13	776	3.18	4	<8	<2	7	73	.2	<3	<3	86	2.06	.106	13	36	1.75	42	.14	<3	1.66	.06	.08	3	2.3
RRE 5002	1	11	17	87	.3	17	13	762	3.12	6	<8	<2	8	76	<.2	<3	<3	86	2.04	.104	13	40	1.72	54	.15	<3	1.68	.08	.10	4	2.0
5003	1	12	10	95	.3	17	12	973	3.21	5	<8	<2	8	93	.4	<3	<3	85	2.64	.102	14	50	1.94	46	.13	<3	1.79	.07	.08	3	.6
5004	1	9	20	86	<.3	15	11	694	2.83	3	<8	<2	8	68	.2	<3	<3	74	1.71	.109	13	46	1.51	47	.14	<3	1.50	.06	.08	3	1.3
5005	<1	9	21	96	<.3	16	12	743	3.07	3	<8	<2	8	65	.7	<3	<3	80	1.65	.108	14	47	1.60	62	.15	<3	1.55	.08	.09	4	.7
5006	1	7	19	112	<.3	16	13	831	3.06	5	<8	<2	8	56	1.5	<3	<3	78	1.83	.111	14	50	1.52	59	.14	<3	1.51	.06	.10	3	7.6
5007	2	8	32	1951	.6	21	34	1736	3.91	7	<8	<2	7	77	6.4	<3	3	76	2.36	.111	13	52	1.98	74	.11	<3	2.36	.06	.11	<2	.4
5008	1	8	11	83	<.3	18	14	832	3.15	3	<8	<2	7	81	.2	<3	<3	86	2.39	.110	14	47	1.73	54	.14	<3	1.65	.07	.09	3	<.2
5009	1	11	18	185	<.3	19	17	959	3.24	3	<8	<2	7	79	.5	<3	<3	78	2.20	.113	15	53	1.76	57	.11	<3	1.92	.06	.11	4	<.2
5010	1	10	27	560	.3	18	21	1808	3.99	<2	<8	<2	7	103	3.6	<3	<3	83	3.38	.099	14	40	2.53	59	.09	<3	2.60	.04	.11	<2	1.8
5011	1	9	10	257	<.3	16	16	1059	3.15	2	<8	<2	8	76	1.3	<3	<3	76	2.58	.103	15	45	1.76	67	.08	<3	1.89	.04	.12	<2	1.0
5012	<1	7	8	239	<.3	18	15	1222	3.14	3	<8	<2	8	95	.9	<3	<3	64	2.68	.100	16	43	1.85	67	.05	<3	2.03	.04	.18	<2	.5
5013	1	13	4	173	<.3	31	17	1167	3.45	5	<8	<2	7	95	.6	3	<3	84	3.04	.108	14	68	1.97	84	.08	<3	2.04	.05	.14	2	<.2
5014	1	12	3	210	<.3	19	15	1032	3.21	3	<8	<2	7	88	.8	<3	4	79	2.58	.102	15	48	1.71	105	.05	<3	1.83	.05	.13	<2	1.0
RE 5014	1	12	6	220	<.3	19	16	1079	3.36	<2	<8	<2	8	91	.9	<3	<3	82	2.69	.106	15	49	1.79	108	.05	<3	1.91	.05	.13	<2	<.2
RRE 5014	1	11	9	217	.4	19	15	1050	3.26	<2	<8	<2	8	89	.8	<3	<3	82	2.62	.103	15	48	1.75	112	.05	<3	1.87	.05	.13	<2	<.2
5015	<1	9	4	136	.3	18	15	988	3.23	4	<8	<2	8	97	.3	<3	5	77	2.47	.106	16	46	1.81	126	.05	3	1.95	.06	.11	3	.5
5016	1	11	16	149	.7	16	15	1570	3.29	2	<8	<2	7	96	.7	<3	<3	71	3.11	.113	18	41	1.70	120	.05	4	1.99	.05	.15	4	.3
5017	1	14	15	653	.5	19	16	1838	3.68	2	<8	<2	7	82	2.8	3	<3	71	2.88	.112	23	39	1.70	358	.02	<3	2.13	.06	.17	<2	<.2
5018	3	3	31	140	<.3	2	1	565	1.16	<2	<8	<2	8	34	.8	<3	<3	4	1.48	.008	42	31	.12	154	<.01	<3	.54	.06	.20	2	4.5
5019	3	5	50	699	.9	13	10	2230	3.83	<2	<8	<2	5	69	5.1	<3	<3	39	3.60	.075	30	28	1.07	425	<.01	<3	1.97	.05	.31	<2	3.2
STANDARD DS3	10	128	33	163	<.3	35	12	849	3.29	34	<8	<2	4	29	5.9	5	6	82	.55	.100	19	185	.63	145	.09	<3	1.83	.04	.17	5	19.7

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

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Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
5020	1	1	15	104	<.3	<1	1	791	2.07	<2	<8	<2	4	53	.4	<3	<3	2	1.62	.023	31	22	.10	1336	<.01	<3	.77	.07	.26	2	1.4
5021	2	3	21	55	<.3	2	<1	528	1.22	<2	<8	<2	7	22	.2	<3	<3	2	.98	.006	39	31	.03	60	<.01	<3	.49	.08	.23	<2	25.3
5022	2	2	44	103	<.3	1	<1	561	1.49	<2	<8	<2	4	17	.7	<3	<3	1	.83	.005	35	24	.03	49	.01	<3	.52	.08	.26	2	43.0
5023	2	4	15	85	<.3	2	<1	594	1.58	<2	<8	<2	5	13	.5	<3	<3	2	.77	.006	33	30	.03	42	<.01	<3	.53	.08	.24	<2	25.0
5024	2	2	11	77	<.3	1	<1	633	1.63	<2	<8	<2	4	12	.4	<3	<3	1	.77	.005	33	29	.02	39	.01	<3	.51	.08	.22	<2	18.2
5025	1	2	19	87	<.3	2	<1	731	1.61	<2	<8	<2	4	14	.5	<3	<3	2	.99	.005	34	29	.02	43	.01	<3	.55	.08	.24	<2	23.5
RE 5025	2	2	21	88	<.3	3	<1	734	1.63	<2	<8	<2	4	14	.5	<3	<3	1	.99	.005	35	28	.02	43	.01	<3	.55	.08	.24	2	17.3
RRE 5025	2	2	20	87	<.3	1	<1	733	1.58	<2	<8	<2	4	14	.5	<3	<3	1	.99	.005	34	30	.02	41	.01	<3	.54	.07	.23	2	14.5
5026	2	3	11	79	<.3	3	<1	595	1.67	<2	<8	<2	5	11	.5	<3	<3	2	.80	.005	33	34	.01	40	.01	<3	.50	.09	.24	<2	21.2
5027	2	1	9	64	<.3	1	<1	599	1.61	<2	<8	<2	4	12	.3	<3	<3	1	.78	.005	33	31	.01	43	.01	<3	.52	.09	.25	<2	18.1
5028	2	4	12	56	<.3	3	<1	593	1.56	<2	<8	<2	4	14	<.2	<3	<3	1	.86	.005	34	29	.01	39	.01	<3	.51	.08	.27	<2	77.0
STANDARD DS3	10	131	32	153	<.3	36	11	787	3.09	30	<8	<2	3	26	5.7	4	5	75	.51	.092	16	180	.57	140	.08	<3	1.65	.04	.16	5	21.3

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

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Data ✓ FA ___

[redacted]CME [redacted]LYT[redacted] LA[redacted]ATO[redacted] LT[redacted] [redacted]E. [redacted]TIN[redacted]T. [redacted]OUV[redacted]C [redacted]1R[redacted] P[redacted](60[redacted]3-3[redacted] FA[redacted]4)2[redacted]716[redacted]

(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103776R

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Ag** gm/mt	Au** gm/mt
4999	1485.1	10.19

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: CORE PULP

DATE RECEIVED: OCT 31 2001 **DATE REPORT MAILED:** Nov 5/01 **SIGNED BY** ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data ___ FA ___

[redacted]CME [redacted]LYT[redacted] LA[redacted]ATO[redacted] LT[redacted] [redacted]E. [redacted]TIN[redacted]T. [redacted]OUV[redacted]BC [redacted] 1R[redacted] P[redacted] (60[redacted]53-3[redacted] FA[redacted]4)2[redacted]716[redacted]
(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103776R2

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Au** gm/mt	Pt** gm/mt	Pd** gm/mt
4999	9.71	<.01	<.01

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: CORE PULP

DATE RECEIVED: NOV 2 2001 **DATE REPORT MAILED:** Nov 7/01 **SIGNED BY.** C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data ___ FA ___

(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103807 Page 1

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
SI	1	2	<3	2	<.3	<1	<1	8	.05	<2	<8	<2	<2	4	<.2	<3	<3	1	.16	<.001	<1	7	.01	6	.01	3	.04	.68	.01	<2	.5
5029	2	3	12	48	.7	3	<1	591	1.49	<2	<8	<2	<2	15	.2	<3	<3	3	.80	.006	35	33	.02	32	.01	<3	.49	.07	.23	<2	4.1
5030	3	1	10	56	.6	<1	<1	584	1.53	2	<8	<2	<2	13	.2	<3	<3	2	.76	.005	35	25	.02	31	<.01	<3	.50	.07	.24	<2	5.2
5031	2	4	19	74	.7	2	<1	674	1.63	<2	11	<2	<2	11	.3	<3	<3	2	.80	.005	35	33	.02	31	.01	<3	.51	.07	.24	<2	53.7
5032	3	4	57	103	.5	1	<1	742	1.52	2	<8	<2	<2	12	.9	<3	<3	1	.95	.005	34	26	.02	33	.01	<3	.50	.06	.25	<2	77.2
5033	2	6	12	64	.4	1	<1	623	1.54	2	<8	<2	<2	12	.3	<3	<3	1	.83	.005	34	29	.02	37	.01	<3	.51	.07	.24	<2	5.5
5034	2	2	10	49	.5	1	<1	546	1.30	<2	<8	<2	<2	12	<.2	<3	<3	2	.69	.005	38	29	.03	32	.01	<3	.43	.06	.21	<2	1.6
5035	1	2	11	57	1.1	2	1	699	1.68	4	<8	<2	<2	19	<.2	<3	<3	3	.97	.018	38	30	.10	87	.01	<3	.64	.06	.23	<2	3.1
5036	2	32	137	840	1.4	5	9	1159	2.97	9	<8	<2	<2	43	5.7	<3	<3	23	1.39	.051	19	24	.55	244	.04	<3	1.55	.11	.20	5	9.8
5037	1	25	11	566	.6	18	19	1076	2.92	11	<8	<2	5	53	3.1	<3	<3	63	1.63	.102	12	42	1.37	71	.09	<3	1.67	.07	.12	6	1.7
5038	1	11	12	877	.4	16	18	1190	2.80	7	<8	<2	6	58	3.6	<3	3	54	1.90	.097	13	37	1.52	55	.05	<3	1.77	.04	.13	3	3.9
RE 5038	1	11	10	874	.6	16	18	1182	2.78	5	<8	<2	4	57	3.6	<3	3	53	1.89	.096	13	37	1.52	52	.04	<3	1.76	.04	.12	3	4.2
RRE 5038	1	12	11	913	.4	20	19	1243	2.92	7	<8	<2	5	62	3.8	3	<3	57	2.01	.101	13	41	1.58	60	.04	<3	1.88	.05	.15	<2	2.7
5039	2	3	12	98	.6	1	1	827	2.03	3	<8	<2	<2	30	.4	<3	<3	5	1.53	.022	31	20	.16	97	<.01	<3	.77	.06	.22	<2	5.0
5040	57	2097	24425	20093	187.1	2154	48	978	7.28	35519	<8	11	3	22	519.4	973	53	26	.47	.010	5	3271	.17	44	.01	3	.59	.01	.20	<2	9625.7
5041	2	18	<3	40	<.3	26	6	345	1.79	4	<8	<2	<2	38	.2	<3	<3	51	.72	.047	4	60	.69	78	.11	3	1.27	.11	.14	<2	1.4
5042	2	4	25	1009	.4	18	17	1812	3.41	15	<8	<2	3	57	6.0	<3	<3	71	2.96	.104	19	38	1.47	86	.02	<3	1.95	.05	.15	<2	16.0
5043	3	94	1160	6863	5.6	39	65	3049	5.16	60	<8	<2	2	212	53.6	<3	6	63	4.79	.083	16	85	1.52	83	.03	<3	2.82	.03	.33	<2	34.5
5044	1	67	51	1147	.8	15	22	1374	3.59	10	<8	<2	3	56	10.4	<3	<3	80	1.77	.111	15	33	1.41	67	.13	<3	1.85	.06	.14	<2	3.8
5045	1	13	10	107	.4	15	12	851	2.86	5	<8	<2	6	56	.7	<3	<3	71	1.43	.103	10	43	1.36	52	.13	<3	1.50	.07	.10	<2	2.8
5046	1	17	6	71	.5	13	8	534	2.49	7	<8	<2	7	51	.4	<3	<3	64	1.15	.101	11	42	1.04	49	.12	<3	1.20	.08	.09	<2	1.9
5047	1	18	8	62	.4	14	9	528	2.62	6	<8	<2	6	43	.4	<3	<3	69	1.12	.105	11	47	1.05	51	.13	<3	1.22	.08	.09	<2	2.3
5048	2	11	3	36	.3	13	9	350	2.44	4	<8	<2	5	37	<.2	<3	<3	66	.95	.106	11	46	.87	44	.13	<3	1.00	.08	.08	<2	1.7
5049	1	25	3	47	.3	11	9	392	2.48	4	<8	<2	6	40	.4	<3	4	67	.97	.102	10	46	.91	49	.14	<3	1.09	.09	.09	<2	1.5
5050	1	38	7	64	.4	13	10	603	2.69	6	<8	<2	6	50	.6	<3	<3	72	1.39	.106	11	46	1.23	42	.15	<3	1.33	.07	.09	<2	1.7
RE 5050	1	38	7	64	.4	15	9	586	2.67	7	<8	<2	5	49	.7	<3	4	72	1.37	.103	10	46	1.21	41	.15	<3	1.30	.07	.09	<2	1.6
RRE 5050	1	37	8	63	.4	13	10	574	2.60	6	<8	<2	5	48	.5	<3	<3	69	1.33	.101	10	44	1.17	43	.14	<3	1.27	.07	.08	<2	2.0
5051	4	25	45	501	.7	12	8	639	2.29	47	<8	<2	8	30	1.7	<3	<3	55	.95	.080	12	47	.96	48	.11	<3	1.14	.06	.11	<2	.9
5052	15	63	730	3137	6.3	20	11	2565	3.94	1405	<8	<2	5	19	26.0	4	3	57	.61	.094	12	44	1.51	120	.04	<3	2.21	.02	.34	<2	102.4
5053	6	75	722	1954	2.4	65	20	2621	5.17	19	<8	<2	4	36	14.7	3	<3	110	1.46	.113	9	160	3.22	53	.11	<3	3.21	.03	.14	<2	2.5
5054	<1	2	71	972	.4	139	32	2808	6.42	17	<8	<2	2	64	11.5	<3	<3	145	3.53	.099	5	337	4.93	29	.07	<3	4.45	.01	.14	<2	7.2
5055	1	78	38	735	1.9	18	14	1087	3.04	12	<8	<2	4	52	3.9	<3	<3	78	1.90	.100	14	46	1.63	42	.07	<3	1.81	.06	.13	2	8.1
5056	1	78	11	174	.7	16	11	698	2.54	7	<8	<2	5	52	1.4	<3	<3	64	1.37	.103	11	42	1.28	57	.13	<3	1.46	.07	.09	<2	4.7
5057	1	39	5	358	.6	13	10	673	2.53	6	<8	<2	6	40	1.3	<3	<3	65	1.34	.102	11	39	1.12	50	.12	<3	1.33	.07	.13	<2	1.4
STANDARD DS3	10	124	36	153	.6	36	12	803	3.11	33	8	<2	<2	27	6.0	7	7	76	.52	.094	17	192	.58	146	.08	<3	1.70	.04	.16	7	19.8

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE R150 60C AU* IGNITION BY ACID LEACHED, ANALYZE BY ICP-MS. (10 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 26 2001 **DATE REPORT MAILED:** Nov 1/01 **SIGNED BY** ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data ___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
5058	1	40	17	134	.7	15	11	759	2.65	7	<8	<2	7	43	1.3	<3	<3	67	1.46	.109	10	35	1.19	45	.13	<3	1.38	.07	.09	<2	2.6
5059	1	24	8	71	.5	14	10	597	2.52	7	<8	<2	8	43	.5	<3	<3	67	1.20	.100	11	44	1.07	51	.14	<3	1.22	.09	.10	<2	1.7
5060	1	28	15	196	.8	16	12	866	2.73	9	<8	<2	6	53	.9	<3	4	68	1.80	.097	11	37	1.36	35	.13	<3	1.54	.06	.09	<2	1.4
5061	3	20	91	255	.5	38	15	1541	3.18	6	<8	<2	6	46	2.4	<3	<3	77	1.71	.104	9	87	1.92	38	.13	<3	1.89	.05	.11	<2	1.3
5062	1	31	24	70	.6	13	9	416	2.35	8	<8	<2	4	52	.8	<3	5	67	1.08	.107	10	32	.89	41	.14	<3	1.05	.10	.09	<2	.3
5063	1	37	8	86	.6	17	12	477	2.55	7	<8	<2	4	51	.6	<3	<3	75	1.10	.113	9	35	.95	43	.14	4	1.22	.10	.09	<2	<.2
5064	5	25	156	231	.4	13	10	499	2.41	5	<8	<2	5	39	1.3	<3	<3	61	.98	.098	10	40	.98	48	.13	<3	1.16	.08	.10	<2	1.5
5065	8	23	163	460	.6	14	10	428	2.36	6	<8	<2	6	49	2.5	<3	<3	60	.85	.105	11	37	.96	40	.13	<3	1.12	.07	.09	<2	1.3
5066	3	32	158	214	.4	10	10	494	2.76	8	<8	<2	5	65	1.8	3	<3	84	1.56	.105	12	18	1.04	34	.18	4	1.16	.06	.10	<2	.6
5067	2	10	23	56	.4	2	1	416	1.23	4	<8	<2	<2	22	.9	<3	<3	12	.95	.011	30	30	.19	55	.04	<3	.43	.05	.19	3	.7
5068	1	27	8	104	.5	17	12	707	2.77	6	<8	<2	8	53	1.0	<3	<3	71	1.74	.102	13	41	1.27	44	.15	3	1.34	.07	.10	<2	.6
RE 5068	2	26	9	104	.6	16	13	728	2.85	6	<8	<2	7	54	.9	<3	<3	72	1.78	.105	13	41	1.30	44	.15	<3	1.38	.07	.10	<2	.8
RRE 5068	1	27	8	103	.4	17	13	717	2.84	6	<8	<2	7	51	1.0	<3	<3	70	1.73	.104	13	33	1.29	41	.14	<3	1.32	.06	.10	<2	.4
5069	2	11	21	73	.5	1	1	425	1.21	2	<8	<2	<2	15	.7	<3	<3	4	.74	.004	35	6	.08	31	.02	<3	.34	.07	.14	4	<.2
5070	2	44	14	238	.8	17	12	824	2.67	6	<8	<2	5	59	1.6	<3	<3	69	1.36	.116	12	46	1.31	41	.15	<3	1.45	.08	.11	<2	1.5
5071	1	34	7	171	.4	16	11	657	2.65	4	<8	<2	8	44	.9	<3	<3	68	1.38	.101	11	44	1.15	45	.13	<3	1.34	.08	.11	<2	.3
5072	1	30	7	87	.3	13	12	578	2.74	7	<8	<2	5	54	.5	<3	<3	73	1.48	.108	11	32	1.12	39	.13	<3	1.26	.08	.09	<2	.7
5073	1	39	15	304	.4	13	12	641	2.50	6	<8	<2	7	80	1.5	<3	<3	62	1.64	.104	12	38	1.14	44	.15	<3	1.28	.07	.10	<2	<.2
5074	2	17	6	208	<.3	16	11	753	2.58	3	<8	<2	8	74	.9	<3	<3	64	1.82	.101	13	39	1.16	54	.16	<3	1.32	.08	.15	<2	.4
5075	3	53	109	143	2.3	<1	1	561	1.31	2	9	<2	<2	45	.9	<3	<3	15	1.46	.007	40	11	.11	16	.02	<3	.37	.09	.09	5	3.1
5076	2	17	23	66	.5	2	<1	354	1.02	<2	<8	<2	<2	15	.7	<3	<3	5	.57	.003	32	27	.07	31	.01	<3	.32	.07	.13	5	.5
5077	1	40	9	305	.4	19	14	1195	3.30	6	<8	<2	5	65	1.8	<3	<3	78	2.25	.104	11	49	1.69	37	.13	3	1.85	.05	.08	<2	1.7
5078	1	38	16	677	.6	17	15	1393	3.56	9	10	<2	6	49	2.7	<3	<3	81	2.34	.101	12	42	1.60	41	.13	<3	2.05	.05	.14	<2	.7
5079	1	58	8	617	.9	16	13	1052	3.07	5	<8	<2	9	45	2.5	<3	<3	75	1.85	.099	10	38	1.41	40	.14	<3	1.68	.06	.11	5	.8
5080	1	46	13	275	.8	17	13	1015	3.09	7	9	<2	7	60	1.3	<3	<3	79	1.94	.103	10	37	1.44	41	.14	<3	1.75	.06	.10	3	.8
RE 5080	<1	46	13	271	.7	16	13	987	3.04	5	<8	<2	7	60	1.3	<3	<3	79	1.91	.100	10	37	1.42	41	.14	<3	1.74	.07	.10	5	.8
RRE 5080	1	45	13	264	.6	16	13	987	3.01	7	<8	<2	6	60	1.4	<3	<3	77	1.90	.099	9	34	1.40	39	.14	<3	1.72	.07	.09	2	.5
5081	1	19	6	144	.3	14	11	627	2.64	6	<8	<2	6	49	.8	<3	<3	67	1.28	.102	12	28	1.07	43	.13	<3	1.33	.07	.08	<2	.5
5082	1	16	13	323	.3	16	12	904	2.87	5	<8	<2	7	49	1.1	<3	<3	73	1.62	.098	10	44	1.30	52	.14	<3	1.58	.08	.10	10	<.2
5083	1	38	10	134	.4	14	12	819	2.78	8	<8	<2	7	55	.6	<3	<3	72	1.51	.100	11	37	1.27	47	.14	<3	1.53	.08	.09	<2	.6
5084	1	26	12	354	.5	18	14	1132	3.08	9	9	<2	7	52	1.3	3	3	77	1.97	.099	10	44	1.49	51	.15	<3	1.79	.07	.10	4	.9
5085	1	22	9	131	.4	13	11	684	2.67	3	<8	<2	9	46	.7	<3	<3	73	1.32	.102	10	30	1.06	55	.13	<3	1.32	.08	.09	<2	.7
5086	1	21	9	149	.5	15	11	730	2.59	5	<8	<2	9	55	.7	3	<3	70	1.45	.104	11	41	1.11	60	.14	<3	1.41	.09	.08	<2	.4
5087	1	19	7	51	.4	13	10	487	2.67	14	<8	<2	8	61	.5	<3	<3	74	1.24	.108	12	40	.93	62	.15	<3	1.31	.09	.10	<2	.4
STANDARD DS3	10	126	35	160	.5	37	12	824	3.22	30	10	<2	<2	27	5.7	6	7	77	.54	.095	18	189	.61	148	.08	<3	1.76	.03	.17	3	20.7

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

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

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
5088	<1	18	15	81	<.3	13	9	525	2.43	13	<8	<2	4	55	.2	<3	<3	68	1.19	.103	10	33	1.03	46	.14	6	1.22	.08	.08	<2	2.0
5089	<1	88	18	172	1.0	14	11	769	2.59	11	<8	<2	5	50	.6	<3	<3	70	1.58	.097	9	34	1.21	43	.14	<3	1.37	.07	.09	<2	2.8
5090	49	1767	22155	18097	186.5	1920	41	886	6.38	34489	<8	8	2	21	472.8	868	41	22	.43	.009	4	2863	.16	39	.01	<3	.50	<.01	.18	<2	9044.7
5091	2	16	8	44	.3	25	6	342	1.72	10	<8	<2	<2	38	.2	<3	<3	49	.73	.045	3	58	.70	77	.11	4	1.24	.11	.14	<2	1.6
5092	1	126	28	247	1.7	15	12	940	2.84	7	<8	<2	4	53	1.6	<3	<3	73	1.69	.097	8	27	1.41	40	.13	<3	1.62	.05	.09	<2	3.8
5093	1	30	11	159	.5	14	9	650	2.49	16	<8	<2	5	49	.8	<3	<3	65	1.24	.097	10	42	1.05	51	.14	<3	1.30	.07	.09	<2	1.0
5094	1	40	11	79	.5	14	10	570	2.49	16	<8	<2	5	55	.2	<3	3	70	1.27	.099	10	38	1.03	49	.15	<3	1.18	.07	.08	<2	1.3
5095	<1	38	9	65	.5	17	9	569	2.57	16	<8	<2	4	51	<.2	<3	<3	74	1.40	.100	11	41	1.01	58	.15	<3	1.15	.09	.09	<2	4.2
5096	<1	37	10	65	.6	13	9	508	2.54	8	<8	<2	5	45	.2	<3	<3	75	1.16	.109	10	26	.86	65	.14	<3	1.09	.08	.08	<2	2.5
5097	1	29	3	36	.3	12	9	451	2.40	5	<8	<2	5	40	.4	<3	<3	70	1.05	.100	10	36	.79	86	.13	<3	.91	.08	.09	<2	1.6
5098	2	64	20	84	2.6	15	12	677	2.87	136	8	<2	<2	104	1.4	3	<3	78	2.71	.076	17	41	1.16	255	.02	<3	2.74	.20	.54	<2	119.6
5099	1	15	5	47	.3	14	10	744	2.53	7	<8	<2	5	53	<.2	<3	<3	74	1.71	.097	11	40	1.11	75	.14	<3	1.15	.07	.10	<2	.5
5100	1	18	8	49	.4	16	11	897	2.86	27	<8	<2	4	64	<.2	3	<3	81	2.11	.101	12	39	1.16	64	.12	<3	1.27	.06	.10	<2	1.8
RE 5100	1	18	<3	49	.4	17	11	919	2.93	27	<8	<2	4	66	<.2	<3	<3	84	2.17	.103	12	39	1.19	67	.12	<3	1.30	.06	.10	<2	1.2
RRE 5100	1	17	5	49	.4	16	11	884	2.84	26	<8	<2	5	63	<.2	<3	<3	80	2.10	.100	12	39	1.16	63	.11	<3	1.25	.05	.10	<2	1.4
5101	1	78	23	208	1.4	15	12	980	2.74	8	<8	<2	5	53	1.0	<3	<3	77	1.85	.099	10	44	1.25	61	.12	<3	1.34	.07	.11	3	3.4
5102	1	115	99	778	2.6	54	16	1930	3.83	18	<8	<2	3	58	9.1	<3	<3	96	2.54	.097	10	109	2.31	43	.12	<3	2.16	.03	.13	<2	14.1
5103	<1	153	67	600	3.3	37	13	1981	3.23	21	<8	<2	5	34	7.4	3	<3	69	1.56	.088	10	71	2.06	44	.05	<3	2.10	.03	.18	<2	8.0
5104	1	57	42	333	1.4	21	12	1816	3.21	19	<8	<2	4	55	2.8	<3	<3	63	2.09	.095	9	32	1.85	35	.08	<3	1.97	.03	.13	<2	8.5
5105	<1	628	90	1161	11.7	19	14	2093	3.97	14	<8	<2	5	52	13.8	<3	<3	81	1.75	.096	8	30	1.98	52	.11	<3	2.27	.05	.14	<2	12.7
5106	<1	266	82	1591	5.7	18	13	2218	3.41	19	<8	<2	5	46	20.0	4	<3	69	2.23	.096	11	32	1.53	45	.09	<3	2.03	.04	.17	<2	6.1
5107	12	574	821	5464	24.8	93	20	4976	7.38	579	<8	<2	2	20	88.5	4	6	112	1.62	.096	8	210	3.19	50	.03	<3	3.83	.01	.23	<2	251.4
5108	2	15	40	173	.9	23	15	1421	2.99	16	<8	<2	3	72	1.6	<3	<3	69	2.09	.105	12	47	1.96	42	.06	<3	1.91	.05	.11	<2	2.7
5109	3	7	71	193	.7	16	12	1637	2.58	24	<8	<2	2	50	1.4	3	<3	51	1.77	.102	13	32	1.40	71	.04	<3	1.83	.04	.29	<2	19.1
5110	3	5	23	141	.5	23	13	1991	3.05	9	<8	<2	3	53	.3	3	<3	63	2.06	.096	10	38	1.57	78	.11	<3	2.05	.05	.25	<2	.9
5111	5	5	37	147	.6	18	11	1598	2.63	6	<8	<2	2	57	1.0	3	<3	57	1.99	.103	10	37	1.60	76	.13	<3	1.86	.04	.13	<2	1.1
5112	7	29	508	529	1.6	18	14	1828	3.15	15	<8	<2	<2	64	5.7	7	<3	62	2.49	.134	9	33	1.93	115	.13	<3	2.27	.05	.27	<2	5.4
5113	1	17	11	81	.4	22	16	1234	3.26	18	<8	<2	<2	75	.2	3	<3	73	2.03	.132	10	39	2.03	67	.14	<3	1.94	.05	.10	<2	3.3
5114	1	20	4	66	.3	21	18	1014	2.90	21	<8	<2	2	84	<.2	<3	<3	74	1.73	.108	9	37	1.98	62	.12	<3	1.84	.05	.09	<2	1.7
STANDARD DS3	9	120	37	153	.5	36	11	789	3.07	32	<8	<2	<2	27	5.6	7	5	76	.54	.093	16	189	.58	141	.08	3	1.67	.04	.16	3	22.0

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

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

Data A FA ____

[redacted] (ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103807R

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Ag** gm/mt	Au** gm/mt
5040	1510.3	9.92
5090	1507.9	9.28
RE 5090	1490.3	10.37

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: CORE PULP
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: NOV 1 2001 **DATE REPORT MAILED:** Nov 7/01 **SIGNED BY** .....D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

[redacted]CME [redacted]LYT [redacted] LA [redacted]TOR [redacted] LT [redacted] [redacted] E. [redacted]TIN [redacted]T. [redacted]OUV [redacted]C [redacted] 1R [redacted] P [redacted](60[redacted]53-3[redacted] FA [redacted]4) 2[redacted]716[redacted]

(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103831 Page 1

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
SI	1	1	<3	3	<.3	<1	<1	5	.04	7	<8	<2	<2	3	<.2	<3	<3	2	.14	<.001	<1	6	.01	5	<.01	<3	.01	.60	<.01	<2	22.4
1843	4	2	23	60	.4	2	<1	600	1.42	9	<8	<2	<2	77	<.2	5	<3	2	.72	.011	38	35	.05	109	<.01	<3	.32	.08	.24	<2	16.5
1844	5	5	16	71	.8	<1	<1	1500	2.67	24	<8	<2	<2	143	.4	8	<3	2	1.26	.027	27	20	.13	190	<.01	<3	.50	.09	.20	<2	33.5
1845	2	78	30	60	.4	15	12	654	2.48	6	<8	<2	<2	134	.5	9	<3	29	2.85	.102	12	37	.99	324	<.01	<3	1.43	.04	.43	<2	8.7
1846	2	63	37	44	<.3	18	11	544	2.04	6	<8	<2	<2	119	.8	7	<3	25	2.50	.073	8	42	.93	287	<.01	3	1.17	.05	.32	<2	5.9
1847	2	77	35	93	<.3	51	23	898	4.03	8	<8	<2	<2	168	1.2	<3	<3	69	3.32	.143	14	83	2.44	586	.01	4	2.61	.08	.30	<2	4.3
1848	6	15	17	8	<.3	3	5	183	1.21	<2	<8	<2	<2	97	.2	<3	<3	5	1.24	.027	6	8	.14	154	<.01	<3	.32	.07	.23	<2	3.9
1849	5	8	23	10	<.3	2	3	258	1.06	5	<8	<2	<2	106	<.2	<3	<3	3	1.25	.025	4	9	.12	191	<.01	<3	.37	.05	.28	<2	4.5
1850	3	4	17	15	<.3	2	3	226	1.07	3	<8	<2	<2	135	.9	<3	<3	6	2.10	.026	4	7	.11	175	<.01	<3	.45	.06	.30	<2	4.7
5115	3	19	13	84	.4	18	16	1303	2.98	12	<8	<2	4	103	.4	<3	<3	77	2.23	.112	10	39	1.94	85	.17	4	1.94	.10	.12	2	2.4
5116	3	27	4	63	.3	23	14	728	2.49	8	<8	<2	3	103	.3	<3	<3	61	1.52	.111	9	41	1.71	66	.18	<3	1.71	.10	.07	2	.9
RE 5116	3	24	3	62	.3	22	14	714	2.44	9	<8	<2	3	101	.4	<3	<3	61	1.47	.108	9	42	1.63	67	.17	<3	1.67	.11	.09	<2	.5
RRE 5116	3	26	<3	64	.3	24	15	754	2.58	9	<8	<2	3	107	.3	<3	4	64	1.56	.115	10	45	1.85	69	.18	<3	1.78	.11	.10	2	.3
5117	2	32	7	118	<.3	90	23	1016	3.50	14	<8	<2	2	88	.9	<3	<3	79	1.68	.105	7	162	2.99	99	.16	<3	2.63	.12	.09	<2	.6
5118	3	33	5	80	<.3	33	14	763	2.34	9	<8	<2	6	69	.9	<3	<3	56	1.70	.077	10	67	1.84	77	.13	<3	1.65	.11	.11	2	.3
5119	2	9	6	83	<.3	5	7	644	1.54	7	<8	<2	10	72	.7	<3	<3	33	1.00	.041	11	16	.93	76	.08	<3	1.37	.10	.15	2	<.2
5120	1	23	52	223	1.2	31	16	1313	2.47	12	<8	<2	9	65	2.0	<3	<3	48	1.68	.058	10	81	1.68	74	.05	<3	2.03	.08	.23	<2	4.6
5121	2	6	9	57	<.3	4	9	817	2.06	4	<8	<2	9	60	.2	<3	<3	52	1.28	.052	11	36	1.14	89	.09	5	1.52	.12	.19	<2	.4
5122	7	12	4	43	<.3	5	8	634	2.14	2	<8	<2	12	58	<.2	<3	<3	63	1.21	.050	11	40	.98	103	.12	<3	1.16	.09	.15	2	1.1
5123	18	9	10	58	<.3	4	9	956	2.17	5	<8	<2	9	69	.3	<3	<3	61	1.62	.054	10	34	1.09	81	.10	3	1.44	.10	.18	<2	.4
5124	1	27	10	73	.3	40	14	1083	2.74	7	<8	<2	7	81	.4	<3	<3	78	1.66	.065	7	71	1.92	97	.15	<3	1.83	.11	.15	2	1.1
5125	3	26	7	43	<.3	5	9	710	2.22	6	<8	<2	12	84	<.2	<3	<3	62	1.45	.055	12	15	1.01	88	.10	<3	1.31	.11	.16	3	.5
5126	1	33	5	46	.3	5	10	754	2.22	6	<8	<2	12	82	.2	<3	<3	63	1.54	.053	11	52	1.04	93	.12	<3	1.41	.13	.20	<2	1.0
5127	2	34	7	61	.5	5	9	885	2.26	6	<8	<2	12	93	.2	<3	3	61	1.73	.054	13	36	1.16	87	.11	<3	1.61	.12	.21	<2	2.0
5128	2	47	12	86	.6	13	13	1163	2.87	6	<8	<2	9	93	.5	<3	3	72	1.74	.077	9	24	1.58	82	.14	<3	1.93	.11	.17	2	1.1
RE 5128	1	47	12	83	.5	14	13	1156	2.82	6	<8	<2	7	91	.5	<3	4	70	1.70	.075	9	23	1.56	82	.13	<3	1.91	.12	.18	<2	1.1
RRE 5128	1	54	9	86	.7	14	13	1183	2.92	8	<8	<2	9	95	.5	<3	<3	74	1.79	.077	9	26	1.60	76	.14	<3	1.94	.10	.16	2	1.3
5129	5	151	77	110	2.2	5	10	985	2.07	6	<8	<2	8	88	1.2	<3	3	48	1.50	.053	13	15	1.04	69	.09	4	1.54	.10	.19	5	2.7
5130	3	73	114	201	2.4	7	10	1355	2.40	8	<8	<2	6	81	2.5	<3	<3	48	1.80	.058	10	14	1.14	61	.07	4	1.71	.08	.21	<2	3.4
5131	3	104	472	2085	4.9	14	12	1758	3.14	15	<8	<2	8	65	28.8	<3	4	66	1.85	.090	12	41	1.40	108	.11	4	1.94	.08	.22	<2	130.5
5132	7	18	60	165	1.0	32	21	2113	4.42	14	<8	<2	3	96	1.3	<3	4	104	2.95	.171	9	46	2.43	81	.19	<3	2.59	.08	.18	<2	4.6
5133	3	9	22	212	.3	37	17	2202	4.58	12	<8	<2	3	78	1.7	<3	<3	102	2.64	.169	9	48	2.64	110	.18	4	2.81	.07	.50	<2	2.0
5134	83	10	64	136	1.4	6	7	1371	2.21	7	<8	<2	11	61	.7	<3	<3	40	1.53	.056	14	15	1.09	91	.06	<3	1.70	.07	.27	2	4.5
5135	3	10	41	120	.9	5	7	1333	2.05	7	<8	<2	12	81	.9	<3	4	38	1.87	.051	15	40	.99	124	.04	<3	1.74	.10	.32	<2	3.5
STANDARD DS3	10	127	33	157	.4	36	12	815	3.23	31	<8	<2	2	28	5.9	4	6	82	.55	.096	18	189	.61	152	.08	<3	1.77	.04	.17	3	19.6

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE R150 60C AU* IGNITION BY ACID LEACHED, ANALYZE BY ICP-MS. (10 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 29 2001 **DATE REPORT MAILED:** Nov 2/01 **SIGNED BY** ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data A FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
5136	2	12	85	195	1.1	2	8	1284	1.26	7	<8	<2	9	71	2.5	<3	<3	18	2.25	.028	14	25	.57	126	<.01	<3	1.11	.08	.38	<2	18.9
5137	1	10	14	85	1.0	5	7	1516	2.18	7	<8	<2	11	108	.4	4	<3	35	2.32	.057	14	29	.98	158	.04	<3	1.66	.08	.37	2	26.8
5138	2	9	18	97	.9	5	8	1652	1.98	9	<8	<2	11	77	.5	<3	<3	31	2.46	.054	21	8	.95	125	.01	3	1.46	.06	.37	7	2.1
5139	3	6	51	238	1.5	5	9	1608	1.84	9	<8	<2	8	84	2.3	<3	<3	27	2.68	.051	22	12	.91	121	.01	<3	1.59	.04	.55	2	13.5
5140	5	10	295	840	5.6	101	24	3688	4.48	29	<8	<2	2	131	11.5	3	6	73	4.60	.102	11	164	2.73	106	.01	<3	3.10	.01	.49	<2	19.5
5141	10	6	134	169	1.9	3	1	518	.33	8	<8	<2	8	46	4.6	<3	3	4	.65	.006	7	29	.03	52	<.01	<3	.45	<.01	.41	<2	14.8
5142	47	34	128	469	3.2	11	10	2891	2.70	22	<8	<2	7	173	8.8	<3	<3	9	2.64	.064	14	6	.73	62	<.01	<3	.94	.01	.41	2	19.5
5143	13	8	61	77	1.2	24	5	1744	1.04	11	<8	<2	2	139	1.3	<3	<3	6	1.94	.025	14	12	.42	66	<.01	<3	.53	.01	.41	2	14.2
5144	8	10	170	199	2.2	4	2	1023	.64	16	<8	<2	3	103	4.7	<3	<3	5	1.38	.014	14	22	.14	95	<.01	<3	.46	.01	.43	<2	74.2
5145	4	10	41	79	1.8	7	8	1960	2.06	16	<8	<2	5	253	1.0	<3	<3	12	2.95	.072	17	24	.65	206	.01	<3	.80	.02	.57	<2	36.7
5146	3	17	9	106	.7	1	9	1586	4.26	<2	<8	<2	<2	307	1.0	<3	<3	17	3.56	.235	25	2	.62	282	.01	<3	1.02	.03	.57	<2	2.4
RE 5146	3	17	9	107	.9	1	9	1587	4.26	2	<8	<2	<2	308	.9	<3	<3	18	3.56	.237	26	2	.62	285	.01	<3	1.02	.03	.56	<2	2.3
RRE 5146	3	17	6	110	.6	1	9	1593	4.31	2	<8	<2	<2	305	.8	<3	<3	20	3.55	.237	27	3	.63	278	.01	3	1.15	.04	.64	<2	1.3
5147	4	15	6	97	.6	<1	10	1376	4.59	13	<8	<2	<2	300	.9	<3	<3	54	3.83	.228	25	9	.72	164	.03	<3	1.88	.08	.56	2	2.8
5148	8	6	82	151	1.4	2	1	786	.71	19	<8	<2	3	97	4.0	<3	<3	4	1.29	.016	18	35	.10	103	<.01	3	.50	.03	.42	<2	111.4
5149	57	2106	20037	20435	350.4	2119	49	1019	7.31	36202	<8	10	3	23	522.6	1040	50	25	.49	.010	5	3205	.19	42	<.01	<3	.57	.01	.22	<2	9489.9
5150	2	18	3	41	<.3	24	7	381	1.84	8	<8	<2	<2	46	.2	<3	<3	56	.82	.051	5	61	.77	86	.12	4	1.32	.13	.18	<2	2.8
5151	5	6	68	72	1.3	2	1	544	.59	17	<8	<2	3	69	1.8	3	<3	3	.82	.011	18	5	.09	74	.01	8	.45	.02	.40	2	48.0
5152	8	67	31	55	4.2	4	8	2030	2.04	19	<8	<2	5	227	.8	<3	<3	8	3.38	.047	16	5	.84	109	<.01	3	.73	.02	.53	2	17.0
5153	30	52	200	413	14.9	7	11	5303	2.52	167	<8	<2	6	176	7.1	4	<3	10	3.73	.060	9	34	.95	92	.01	6	.59	.01	.47	<2	388.2
5154	2	17	22	47	1.3	4	12	1234	2.44	20	<8	<2	7	197	.4	3	<3	20	2.88	.070	16	20	.82	162	<.01	3	.91	.03	.50	2	12.0
5155	3	11	34	71	10.4	4	12	2020	2.64	318	<8	<2	7	203	.5	4	<3	26	3.33	.067	15	6	.97	126	<.01	3	1.24	.04	.49	<2	633.9
5156	3	7	20	98	.8	6	10	2803	2.36	123	<8	<2	8	157	.9	<3	<3	26	3.19	.064	16	7	.93	132	.01	4	1.34	.04	.49	6	120.4
5157	1	25	9	53	1.2	7	12	1247	2.67	14	<8	<2	6	169	.6	4	<3	45	3.28	.065	17	28	1.08	295	.01	3	1.66	.07	.47	<2	14.6
5158	2	9	9	56	.8	5	12	1111	2.70	10	<8	<2	5	156	.4	<3	<3	50	3.28	.067	19	26	1.15	298	<.01	3	1.57	.06	.36	<2	9.8
RE 5158	2	9	6	55	.8	5	12	1070	2.59	9	<8	<2	6	151	.5	<3	<3	48	3.15	.065	17	26	1.10	293	.01	<3	1.53	.07	.36	<2	7.3
RRE 5158	2	9	6	57	.7	5	12	1124	2.75	10	<8	<2	6	157	.5	<3	<3	51	3.29	.067	19	14	1.15	295	.01	<3	1.61	.06	.36	<2	7.1
5159	2	8	<3	48	<.3	5	13	918	2.71	5	<8	<2	6	141	.5	<3	<3	68	2.52	.065	16	13	1.20	358	.02	4	1.39	.09	.24	4	4.3
5160	2	7	7	55	.6	5	12	1294	2.85	24	<8	<2	6	167	.5	<3	<3	65	2.84	.068	16	31	1.18	371	.01	<3	1.55	.08	.32	2	35.3
5161	4	77	5	100	1.0	12	23	1583	4.45	20	<8	<2	<2	254	1.0	<3	<3	81	5.78	.091	12	35	2.29	544	.01	8	2.57	.04	.42	<2	8.1
5162	1	4	5	52	.4	7	12	980	2.65	6	<8	<2	6	174	.4	<3	<3	53	3.31	.068	20	31	1.22	398	.01	5	1.62	.07	.37	<2	3.1
5163	2	4	5	49	.3	5	12	1039	2.67	6	<8	<2	5	187	.4	<3	<3	46	3.59	.066	20	23	1.16	343	<.01	3	1.64	.05	.41	2	2.5
5164	1	4	7	52	.3	6	12	1149	2.67	7	<8	<2	6	153	.4	<3	<3	40	3.50	.069	16	27	1.15	499	.01	3	1.65	.06	.40	<2	11.1
5165	3	10	5	53	.3	5	12	1010	2.61	5	<8	<2	6	129	.4	<3	<3	56	2.83	.066	18	26	1.23	443	<.01	3	1.54	.07	.29	<2	2.3
STANDARD DS3	10	131	36	162	.6	37	13	875	3.26	32	<8	<2	<2	30	6.0	5	7	86	.59	.104	18	195	.65	149	.09	<3	1.72	.05	.19	3	22.8

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

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

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
5166	2	13	8	47	.4	4	11	1107	2.37	19	<8	<2	10	101	.3	<3	<3	52	2.49	.060	13	25	1.00	270	.03	<3	1.11	.05	.22	<2	29.3
5167	2	16	50	70	1.7	5	12	1569	2.71	30	<8	<2	9	104	.6	<3	4	49	3.13	.062	12	32	1.13	274	.01	<3	1.38	.04	.33	2	84.5
5168	2	8	4	49	<.3	5	12	1017	2.75	4	<8	<2	10	81	.3	<3	5	67	2.50	.063	14	12	1.20	219	.02	<3	1.27	.06	.18	<2	5.7
5169	2	8	5	45	<.3	5	11	818	2.66	<2	<8	<2	10	88	.2	<3	4	73	2.21	.064	13	12	1.18	225	.08	3	1.18	.07	.13	<2	.9
5170	2	6	11	48	.7	5	12	1093	2.57	7	<8	<2	8	112	.4	<3	4	58	2.79	.061	12	22	1.13	358	.06	<3	1.21	.07	.12	<2	7.3
5171	1	8	5	49	<.3	5	10	925	2.56	2	<8	<2	10	99	.2	<3	<3	67	2.27	.062	13	27	1.09	233	.08	<3	1.22	.07	.20	2	1.1
5172	2	4	12	54	.4	5	12	1377	2.58	33	<8	<2	10	84	.3	<3	<3	48	2.79	.063	13	9	1.08	109	.03	<3	1.33	.04	.34	2	13.4
5173	3	10	15	48	.6	5	11	1081	2.56	13	<8	<2	11	85	<.2	<3	3	59	2.43	.064	12	13	1.14	252	.05	<3	1.27	.05	.24	3	9.3
5174	3	9	7	35	<.3	5	10	718	2.56	4	<8	<2	11	130	.2	<3	3	81	1.61	.062	12	30	1.06	300	.11	<3	1.09	.08	.11	2	2.5
RE 5174	2	9	6	36	<.3	5	11	746	2.66	<2	<8	<2	11	136	.4	<3	9	84	1.67	.064	12	32	1.10	316	.12	<3	1.13	.09	.11	2	2.7
RRE 5174	2	10	<3	36	<.3	5	10	738	2.66	2	<8	<2	10	134	.4	<3	<3	86	1.64	.064	13	40	1.08	304	.12	<3	1.13	.09	.12	2	1.9
5175	2	47	26	60	2.0	6	12	1070	2.97	19	<8	<2	10	87	.4	<3	3	82	2.28	.066	13	35	1.28	143	.10	3	1.37	.08	.17	2	13.5
5176	2	9	130	142	7.7	6	12	959	2.95	15	<8	<2	11	64	1.9	<3	<3	79	2.27	.063	13	27	1.30	67	.05	<3	1.39	.07	.16	3	60.7
5177	2	14	76	96	2.5	5	11	780	2.75	8	8	<2	10	62	1.2	3	4	71	1.93	.064	11	15	1.22	60	.09	<3	1.32	.07	.15	3	35.9
5178	3	15	3	31	<.3	5	9	531	2.49	<2	<8	<2	10	51	.3	<3	<3	79	1.13	.065	12	17	.88	58	.14	5	.94	.09	.10	2	1.0
5179	3	10	5	32	<.3	8	9	519	2.51	<2	<8	<2	10	56	.2	<3	4	80	1.03	.071	12	29	.92	67	.14	<3	.97	.11	.09	3	.4
5180	59	2257	30546	24670	237.4	2216	48	1288	8.60	37440	<8	6	<2	24	594.7	1109	12	40	.53	.012	7	2185	.20	44	<.01	<3	.65	<.01	.22	478	9045.4
5181	2	19	5	40	<.3	23	6	358	1.87	4	<8	<2	<2	41	<.2	<3	3	52	.81	.049	6	56	.73	81	.12	5	1.18	.12	.15	<2	1.8
5616	6	16	55	28	.4	9	21	464	4.66	8	<8	<2	3	41	.2	<3	5	12	.29	.108	10	2	.20	42	<.01	<3	.65	.05	.29	<2	.2
5617	10	26	107	135	.3	16	17	2037	5.47	11	<8	<2	2	102	<.2	<3	<3	24	.41	.081	6	14	1.30	109	<.01	<3	1.10	.09	.28	4	2.4
5618	5	68	83	49	<.3	11	27	435	4.66	13	<8	<2	<2	109	<.2	<3	<3	15	.29	.095	5	8	.36	45	<.01	<3	1.10	.10	.27	<2	3.7
5619	3	26	11	30	<.3	9	23	119	5.34	28	<8	<2	<2	69	<.2	3	4	17	.26	.106	5	10	.15	29	<.01	<3	.88	.06	.24	<2	2.5
5620	3	8	113	242	4.7	3	1	946	2.60	376	<8	<2	4	51	2.0	8	<3	3	.64	.030	23	6	.13	139	<.01	<3	.75	.06	.20	5	216.9
5621	14	9	112	197	5.4	2	1	1368	3.21	162	<8	<2	3	45	1.8	9	<3	3	.45	.032	23	5	.19	176	<.01	<3	1.07	.07	.19	4	34.9
5622	2	3	17	42	.4	3	3	1380	1.06	7	<8	<2	3	76	.4	3	<3	5	1.17	.041	10	27	.24	346	<.01	<3	.44	.04	.29	2	2.3
5623	3	17	31	86	.7	15	10	955	2.10	10	<8	<2	<2	143	.5	10	<3	19	2.59	.084	11	32	.61	200	<.01	4	1.04	.05	.36	4	6.4
5624	4	13	14	26	.5	3	4	557	1.08	4	<8	<2	2	118	.2	6	<3	6	2.17	.043	8	22	.16	176	<.01	<3	.44	.05	.29	<2	40.4
5625	2	16	23	48	.6	4	3	1008	1.29	8	<8	<2	<2	112	.6	6	<3	4	1.85	.039	8	26	.29	161	<.01	<3	.37	.05	.29	2	31.5
STANDARD DS3	10	133	36	160	.3	35	13	872	3.38	31	<8	<2	4	30	5.9	4	6	84	.58	.100	21	187	.64	148	.09	<3	1.69	.04	.18	4	21.7

Sample type: CORE R150 60C. 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

[redacted]CME[redacted]LYT[redacted] LA[redacted]ATO[redacted] LT[redacted] [redacted] E. [redacted]TIN[redacted]T. [redacted]OUV[redacted]BC [redacted] 1R[redacted] P[redacted](60[redacted]53-[redacted] FA[redacted]4)2[redacted]716[redacted]
(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103831R

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Ag** gm/mt	Au** gm/mt
5149	1476.4	9.84
5180	1495.3	9.82
RE 5180	1470.6	9.77

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: CORE PULP
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: NOV 5 2001 **DATE REPORT MAILED:** Nov 7/01 **SIGNED BY:** C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data ___ FA ___

[redacted] LTD. [redacted] INC. [redacted] DUV[redacted] C [redacted] 1R6 [redacted] PH [redacted] (60[redacted] 3-3[redacted] FAX [redacted]) 25[redacted] 716 [redacted]

(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103831R2

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Ag** gm/mt	Au** gm/mt
5155	9.2	.58

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: CORE PULP

DATE RECEIVED: NOV 9 2001 **DATE REPORT MAILED:** Nov 16/01 **SIGNED BY.** C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data FA

APPENDIX III

CERTIFICATES OF ANALYSIS

c. Analytical Check Samples

BONDAR CLEGG

Geochemical Lab Report

REPORT: V01-02401.0 (COMPLETE) REFERENCE: CP56A

CLIENT: CME CONSULTING LTD. SUBMITTED BY: ACME LAB

PROJECT: SKUKUM DATE RECEIVED: 04-DEC-01 DATE PRINTED: 9-JAN-02

DATE APPROVED	ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
011207	1	AuGrav Au - FA10/11	6	0.17 GMT	FIRE ASSAY	GRAVIMETRIC
011207	2	AgGrav Ag - FA10A/11	6	1.7 GMT	FIRE ASSAY	FIRE ASSAY-GRAV

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
P PREPARED PULP	6	4 AS RECEIVED	6	AS RECEIVED	6

REPORT COPIES TO: 2130 - 21331 GORDON WAY INVOICE TO: 2130 - 21331 GORDON WAY

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****

Bondar Clegg Canada Limited
130 Pemberton Avenue, North Vancouver, BC, V7P 2R5, Canada
Tel: (604) 985-0681, Fax: (604) 985-1071

BONDAR CLEGG

Geochemical Lab Report

CLIENT: CME CONSULTING LTD. PROJECT: SKUKUM

REPORT: V01-02401.0 (COMPLETE) DATE RECEIVED: 04-DEC-01 DATE PRINTED: 9-JAN-02

SAMPLE NUMBER	ELEMENT UNITS	AuGrav GMT	AgGrav GMT
P4 01647		14.26	30.9
P4 04434		4.73	330.5
P4 04700		<0.17	21.3
P4 04963		41.86	241.1
P4 05149		11.39	1488.9
P4 05505		2.07	147.7

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CLIENT: CME CONSULTING LTD. PROJECT: SKUKUM

REPORT: V01-02401.0 (COMPLETE) DATE RECEIVED: 04-DEC-01 DATE PRINTED: 9-JAN-02 PAGE 2 OF 3

STANDARD NAME	ELEMENT UNITS	AuGrav GMT	AgGrav GMT
HX12 Oxide		6.42	10.2
Number of Analyses		1	1
Mean Value		6.420	10.20
Standard Deviation		-	-
Accepted Value		6.60	10.4

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Geochemical Lab Report

CLIENT: CME CONSULTING LTD. PROJECT: SKUKUM

REPORT: V01-02401.0 (COMPLETE) DATE RECEIVED: 04-DEC-01 DATE PRINTED: 9-JAN-02 PAGE 3 OF 3

SAMPLE NUMBER	ELEMENT UNITS	AuGrav GMT	AgGrav GMT
05505		2.07	147.7
Duplicate		2.41	153.1

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BONDAR CLEGG

Geochemical Lab Report

REPORT: V01-02402.0 (COMPLETE) REFERENCE: CP56A

CLIENT: CME CONSULTING LTD. SUBMITTED BY: ACME LAB

PROJECT: SKUKUM DATE RECEIVED: 03-DEC-01 DATE PRINTED: 14-DEC-01

DATE APPROVED	ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
011206	1	AuGrav Au - FA10/11	4	0.17 GMT	FIRE ASSAY	GRAVIMETRIC
011206	2	AgGrav Ag - FA10A/11	4	1.7 GMT	FIRE ASSAY	FIRE ASSAY-GRAV

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
R ROCK	4	2 -150	4	SAMPLE SPLITS	4
				PULVERIZATION	4

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Geochemical Lab Report

CLIENT: CME CONSULTING LTD. PROJECT: SKUKUM

REPORT: V01-02402.0 (COMPLETE) DATE RECEIVED: 03-DEC-01 DATE PRINTED: 14-DEC-01

SAMPLE NUMBER	ELEMENT UNITS	AuGrav GMT	AgGrav GMT
R2 01587		0.86	5.0
R2 04433		2.84	101.1
R2 04981		1.49	9.4
R2 05626		17.16	99.5

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CLIENT: CME CONSULTING LTD. PROJECT: SKUKUM

REPORT: V01-02402.0 (COMPLETE) DATE RECEIVED: 03-DEC-01 DATE PRINTED: 14-DEC-01 PAGE 2 OF 2

STANDARD NAME	ELEMENT UNITS	AuGrav GMT	AgGrav GMT
OX11 Oxide		2.96	23.8
Number of Analyses		1	1
Mean Value		2.960	23.80
Standard Deviation		-	-
Accepted Value		2.94	25.0

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BONDAR CLEGG

Vancouver BC, Canada

"URGENT & CONFIDENTIAL"

To: CME CONSULTING LTD. Our Fax No: (604) 985-0681
Attention : Your Fax No: 604-248-2996
Reference : CP56A Number of Pages : 2 including this page.
Submitter : ACME LAB

Report : V01-02401.1 Status : COMPLETE Total number of samples: 6

Element	Method	Totl	Element	Method	Totl	Element	Method	Totl
AuGrav	GRAVIMETRIC	6	AgGrav	FIRE ASSAY-GRAV	6			

Sample Preparations	Totl	Sample Type	Totl	Size Fraction	Totl	Remarks
SAMPLES FROM STORAGE	6	PREPARED PULP	6	AS RECEIVED	6	

Notes:

If you do not receive the entire transmission in legible form, please call us at (604) 985-0681.

BONDAR CLEGG

CLIENT: CMZ CONSULTING LTD. PROJECT: NONE GIVEN

REPORT: V01-02401.1 (COMPLETE) DATE RECEIVED: 31-MAY-02 DATE PRINTED: 11-JUN-02 PAGE 1 OF 1

SAMPLE NUMBER	ELEMENT UNITS	AuGrav GMT	AgGrav GMT
P4 01647		14.20	32.3
P4 04434		4.06	357.3
P4 04700		<0.17	1.9
P4 04963		39.86	227.1
P4 05149		9.81	1432.3
P4 05505		1.49	148.3

APPENDIX IV

SURFACE SAMPLE DESCRIPTIONS

SAMPLE NO.	AREA OR ZONE	DESCRIPTION	RESULTS	
			Au (ppb) (g/t)	Ag (ppm) (g/t)
901	King Canyon	Float; Gossanous fault/joint in granodiorite	734.9	8.8
902	Ridge Zone	Float; Very gossanous quartz-rhyolite breccia; pyrite, galena, tetrahedrite, unidentified blue-grey oxidized sulphide mineral; open cavities with intergrown quartz	10.9	140.9
903	King Canyon	Grab from outcrop; Granodiorite with stringer of epidote and bladed calcite	4.5	3.5
904	King Canyon	Grab from outcrop; Rhyolite dyke, sample taken from most gossanous area, numerous open cavities and oxidized sulphide veins (abundant limonite and hematite staining)	2.7	1.9
905	King Canyon	Grab from outcrop; "Denero Vein", 2cm quartz-calcite vein, with aspy(?)/galena, 048/80SE Taken at same site as 98DENMR-03	17.4	1.3
906	King Canyon	Grab from outcrop; Small 1-2cm quartz vein, discontinuous (may be a tension gash), similar mineralogy to sample 905	12.6	0.6
907	King Canyon	Float/subcrop; Very fine-grained rhyolite(?), 6cm wide, Mn-staining on surface	31.9	1.3
908	King Canyon	Grab from outcrop; White bull quartz with galena-tetrahedrite(?) vein, 1.5-2 cm wide 045/85SE, slightly vuggy	400.8	169.2
909	King Canyon	Grab from outcrop; Granodiorite with calcite-quartz veinlets. Veinlets show inclusions of wall rock (chloritized granodiorite), minor Mn-staining in surfaces.	4.8	1.7
910	King Canyon	Grab from outcrop; Rhyolite or rhyodacite dyke, very fine-grained, tan to light brown in colour	10.4	0.3
911	King Canyon	Grab from outcrop; Rhyolite dyke, 40-70cm wide, orange, flaggy	9.9	1.1
912	King Canyon	Composite grab from outcrop; Orange-brown, limonite-stained rhyolite dyke, 1m wide, local Mn-staining.	8.5	0.7
913	King Canyon	Composite grab from outcrop; Rhyolite dyke, 2.5-3m wide, light orange to tan coloured, very fractured (flaggy).	4.9	<0.3
914	King Canyon	Grab from outcrop; Granodiorite with quartz veins or sweats, minor clots of chlorite within vein.	5.4	<0.3
915	King Canyon	Grab from outcrop; Fault gouge material, very rusty red.	879.7	24.9
916	King Canyon	Grab from outcrop; Andesite(?) dyke, medium to dark grey, fine-grained, surface is rusty yellow (limonite) with malachite staining.	22.8	16.4
917	King Canyon	Grab from outcrop; Small rhyolite dyke, light orange to tan coloured, flaggy partings along contact orientation 018/76E. Same site as historical sample 121111.	9.7	3.4
918	King Canyon	Chip; 2-3cm bull quartz-sulphide vein with locally abundant galena, stibnite, and tetrahedrite(?), vuggy, limonite-hematite-staining.	141.8	20.3
919	Western bluffs	Float; Rhyolite dyke, orange weathering highly fractured (flaggy).	10.6	0.7
920	Western bluffs	Grab from outcrop; 4-5cm wide fault gouge with narrow (up to 1 cm) quartz fragments with minor disseminated galena or moly.	834.1	67.2
921	Western bluffs	Grab from outcrop; Highly fractured shear zone within fine-grained andesite(?) with calcite and limonite occurring as a lens or pod. Same site as historical sample 121082.	3.4	0.8

SAMPLE NO.	AREA OR ZONE	DESCRIPTION	RESULTS	
			Au (ppb) (g/t)	Ag (ppm) (g/t)
922	Western bluffs	Grab from outcrop; Gossanous andesite(?)	33.4	2.8
923	King Canyon	Float; Granodiorite with quartz-sulphide veins up to 5mm wide with locally abundant dark-grey mineral (tetrahedrite), minor calcite and rare fluorite crystals	7.1	0.5
924	Taxi Zone	Float; Composite grab; gossanous 1-1.5cm quartz vein fragments with minor pyrite, heavy limonite-staining	1730.8 **1.93**	63.2 **60.9**
925	Taxi Zone	Chip; Quartz-sulphide vein; galena (5-10%), pyrite (2-5%), up to 12cm wide, 015/59W.	70500.0 **56.27**	230.4 **638.8**
926	Taxi Zone	Grab from subcrop; Very gossanous dark brown-red to maroon sheared granodiorite(?), no original texture. Minor pyrite on some fracture surfaces.	257.0	12.5
927	Taxi Zone	Chip; 3cm quartz vein with bands of very fine-grained galena. Pyrite tends to form weak bands to large disseminations near the vein margins. Locally vuggy. Limonite and hematite staining along vein margins. Orientation 039/64W.	17317.7 **14.39**	144.2 **143.2**
928	Taxi Zone	Grab from outcrop; Dark grey-green rock from fault/joint (andesite(?) dyke)	144.9	7.9
929	Taxi Zone	Grab from float/subcrop; 2-4cm wide quartz-sulphide vein, similar characteristics as sample 927, galena (20-30%), pyrite (5-10%).	21124.8 **17.84**	207.8 **721.4**
930	Taxi Zone	Grab from outcrop; Similar vein material as sample 929 taken from ~30cm below talus/soil	6602.1 **7.04**	19.1 **19.6**
931	Taxi Zone	Float; Dark grey-green, heavily altered and silica-rich, open cavities with limonite and hematite staining, euhedral quartz crystals and unknown medium green crystals (small and coating surface-epi?)	1005.2 **1.16**	383.6 **391.2**
932	Taxi Zone	Float, composite grab; Gossanous 2.5cm wide vein material with galena and pyrite (<5% combined) from fault/joint within granodiorite.	1028.7 **1.15**	10.5 **9.6**
933	Taxi Zone	Chip; Fault zone with 0.5-1cm pale yellow stained quartz vein. Quartz looks sheared and recrystallized. Local pyrite up to 5%, overall <1%.	6039.8 **5.92**	177.5 **166.2**
934	Taxi Zone	Chip, continuation of fault zone in sample 933; 7mm quartz vein in limonite-stained granodiorite. Vein contains 2-3% pyrite with minor galena.	501.8	30.2
935	Taxi Zone	Float, composite grab; various fragments of gossanous material from the fault/joint alteration. Minor quartz fragments.	1836.5 **2.09**	152.1 **147.9**
936	Taxi Zone	Float/subcrop, grab; gossanous fault material, deep red to maroon granodiorite(?).	35.2	2.5
937	Taxi Zone	Float/subcrop, grab; very gossanous fault material (granodiorite(?)), limonite and hematite stained, minor Mn wad. Fault/joint is 15cm wide, 017/81E.	5507.9 **5.73**	202.8 **196.9**
938	Taxi Zone	Float, composite grab; high-grade vein material up to 9cm wide with rich galena (5-10%) and pyrite (2%), and possible tetrahedrite. Samples taken from 15cm below surface.	1337.5 **1.54**	16.8 **16.1**

SAMPLE NO.	AREA OR ZONE	DESCRIPTION	RESULTS	
			Au (ppb) (g/t)	Ag (ppm) (g/t)
939	Taxi Zone	Float; dominantly white bull quartz vein 3-6cm wide with small off-shooting veins (<5mm). Different vein characteristic from typical vein mineralogy and morphology. Sulphides decrease in abundance (<5%), limonite-hematite staining present.	239.5	36.4
940	Taxi Zone	Float; 2cm wide quartz vein material, dominantly white bull quartz with minor pyrite.	1237.3 **1.45**	9.9 **10.4**
941	Taxi Zone	Float, gossanous quartz vein, yellow-orange staining, approximately 2% very fine-grained galena, vein width 2-3cm.	12506.2 **13.61**	335.4 **328.9**
942	Taxi Zone,	Composite grab from outcrop; 15cm wide dark grey dolerite(?) to gabbro dyke, minor Mn-staining, 008/85SE	81.9	13.1
943	Taxi Zone	Float, composite; Gossanous material with minor quartz fragments.	4625.7 **4.94**	305.3 **291.5**
944	Taxi Zone	Float; 2-3cm wide quartz vein with 2-3% pyrite + 3-5% galena.	1058.7 **1.16**	102.9 **100.3**
945	Taxi Zone	Float; limonite stained quartz vein, 2-4cm wide; quartz is banded (<5mm) and appears highly fractured and recrystallized. Bands separated by layer of limonite/hematite.	238.3	385.8
946	Taxi Zone	Float, composite; Highly fractured, vuggy, limonite stained quartz vein material over an area of $2m^2$. Vein width approximately 3-6cm. Quartz recrystallized.	242.3	257.7
947	Taxi Zone	Float, composite; Zone of gossanous brecciated rhyolite(?) and/or recrystallized quartz.	15.6	2.2
948	Taxi Zone	Float; Medium to dark green brecciated(?) andesite with small 1-3mm quartz-calcite veinlets. Sample from near trench at top of Taxi Zone.	1.8	0.5
949	Taxi Zone	Float; Granodiorite boulder with narrow (3-4mm) diffuse quartz vein containing pyrite. Also 1-2% disseminated pyrite within the granodiorite.	33.6	8.6
950	Polaris Zone	Float; Very gossanous conglomerate; dark brown to yellow to black. Fracture surfaces show black to purple sheen.	15.8	0.4
849	Raca Zone	Grab from outcrop; Gossanous, malachite stained, fine-grained, sheared quartz diorite(?)	16.0	29.0
850	Raca Zone	Grab from outcrop; Fault gouge breccia with lithic fragments; light grey with light malachite staining. Fault is approximately 20cm wide.	0.4	0.5
851	Raca Zone	Grab from outcrop; Red hematite coated massive, but blocky rhyolite.	1.8	9.7
852	Raca Zone	Grab from outcrop; Red gossanous rhyolite; fresh material is off-white to tan in colour, fine-grained.	9.2	0.3
853	Raca Zone	Grab from outcrop; Similar to 852, but medium-grained with crystals of chloritized hornblende(?).	25.6	4.9
854	Raca Zone	Float/subcrop; Bright red-orange gossanous rhyolite(?)	0.6	0.6
801	King Canyon	Grab from outcrop; A 1 cm quartz vein at 311/30E. Centre of vein is smoky white (5 mm) with both edges rusty brown for 3mm. Rusty brown stringers splay from the quartz vein into the host chlorite altered granodiorite at various directions.	5.2	2.0

SAMPLE NO.	AREA OR ZONE	DESCRIPTION	RESULTS Au (ppb) (g/t)	RESULTS Ag (ppm) (g/t)
802	King Canyon	Grab from outcrop; Rhyolite dyke weathering rusty brown with rusty brown stringers parallel creek (<1 mm wide) darker/lighter rusty layers gives a banding appearance difficult to see contact with host granodiorite.	5.9	<0.3
803	King Canyon	Chip; Quartz vein pod approx. 0.80 m long and 1 cm wide. Gossanous smoky white quartz vein with sulphide blebs to 4 mm in size with 3% galena and 1% chalcopyrite	10124.0 **9.37**	70.5 **66.2**
804	King Canyon	Chip;.Same style of quartz vein as sample 803 with similar sulphides but quartz vein is up to 5 cm wide.	5738.6 **6.64**	23.1 **25.0**
805	Taxi Zone	Grab from outcrop; Fractured granodiorite with rusty brown staining. Unable to get attitude of fracturing. Host rock is medium grained chlorite-limonite altered granodiorite. No visible sulphides.	1839.4 **1.89**	332.1 **514.3**
806	Taxi Zone	Grab from outcrop.	229.8	11.1
807	Taxi Zone	Float.	2224.9 **2.48**	94.2 **90.8**
808	Taxi Zone	Float.	1512.9 **1.84**	340.6 **432.8**
809	Taxi Zone	Grab from outcrop; 8cm quartz-sulphide vein.	3798.3 **4.18**	354.8 **458.7**
810	Taxi Zone	Grab from outcrop;4 cm quartz-sulphide vein.	7643.4 **8.74**	130.4 **123.7**
811	Taxi Zone	Grab from outcrop; 5 cm quartz-sulphide vein.	26726.7 **28.74**	190.5 **2997.7**
812	Taxi Zone	Grab from outcrop; 3 cm quartz-sulphide vein.	6422.6 **7.85**	197.1 **1027.5**
813	Taxi Zone	Grab from outcrop; 8 cm quartz-sulphide vein.	15797.0 **16.21**	100.7 **95.4**
814	Taxi Zone	Grab from outcrop; 7 cm quartz-sulphide vein.	12191.1 **13.13**	220.6 **638.2**
815	Taxi Zone	Grab from outcrop;	77.9	15.6
816	Taxi Zone	Grab from outcrop	136.8	37.0
817	Taxi Zone	Grab from outcrop	530.6	15.0
818	Taxi Zone	Grab from outcrop; 4 cm quartz-sulphide vein.	5008.9 **4.31**	119.6 **113.6**
819	Taxi Zone	Grab from outcrop	119.1	21.2
820	Taxi Zone	Grab from outcrop	33.8	14.7
821	Taxi Zone	Grab from outcrop; 3 cm quartz-sulphide vein.	3635.7 **4.21**	90.9 **91.2**
822	Taxi Zone	Grab from outcrop.	32.9	11.3
823	Taxi Zone	Grab from outcrop; 3 cm quartz-sulphide vein	4440.6 **5.49**	47.9 **45.1**
752	Taxi Zone	Quartz carbonate veinlets in Taxi Zone joint/vein trend; trace very fine-grained pyrite, local float.	4.1	0.3
753	Sterling Zone?	Quartz veinlets, 1cm, with pyrite, galena.	583.6	113.0
754	Sterling Zone	Sterling Zone, old hand trench?, possible source of sample 753, rusty quartz-carbonate-limonitic boxwork vein system; pyritic quartz fractures to 5%.	1650.3 **1.70**	121.7 **116.2**
755	Ridge/Kuhn Zone	Coarse brown weathering crystalline carbonate veinlets, minor quartz, trace galena and pyrite.	46.5	99.0

SAMPLE NO.	AREA OR ZONE	DESCRIPTION	RESULTS	
			Au (ppb) **(g/t)**	Ag (ppm) **(g/t)**
756	Ridge/Kuhn Zone	Cobble-sized quartz-carbonate vein of coarse crystalline, vuggy, glassy quartz and limonitic coatings.	6.7	1.0
757	Taxi Zone	High-grade float of arsenopyrite, pyrite quartz vein	20900.0 **18.67**	252.3 **645.6**

APPENDIX V

DIAMOND DRILL LOGS

a. 2001 Drillholes
b. 1997 Relogged Drillholes

APPENDIX V

DIAMOND DRILL LOGS

a. 2001 Drillholes

CME

Project name: SKUKUM
Project #: CD56
D.D. Hole #: S(01-1

Length (m): 419.71m
Grid: KUHN (RIDGE)
Dip: -72
Azimuth: 340.5
Core size: HQ/NQ

Contractor: Caron
Northing: 6670701.94
Easting: 477405.27
Collar Elev.: 1796.67

Hole survey type: Digital Multishot
Started: Sept 1/01
Completed: Sept 13/01
Logged by: T. VanderWard
Date logged: 09/02/01-

Depth	Dip	Azimuth

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0-2.53	CASING								
2.53-102.85	Med. to crs grained, equigranular GRDR;	Weak propylitic alteration in general. Locally moderate, partic around fracs where alt^n may be strong and create a banded appearance	Disseminated magnetite, core V. magnetic, some magn. xtals up to 1mm.						
	@32.50 White, pale pink & pale green coarse grained dyke, possible pegm w/ minor chl.	Moderately chloritized, particularly the amphiboles (hbl).			32-- 34				
	35.8-361 Aplastile dyke (?): fine grained diffuse, pale pink and green, qz-rich	Moderate qz-carb alteration - typically manifested as vnlts, but also along frac sfcs.	34.7-35.7 Fracture / fault zone Fracs 10°TCA.						
			@35.75 grey carb vnlt, 4mm / 47° TCA.						
			@40.4 qz-carb veining over 5cm, poss. fault healed by qz flooding Carb vnlts cross-cut qz veins						
	50-50.2 Pegmatite dyke (?), qz rich 8cm / 40°TCA		50.95 Discontinuous qz vn up to 2cm wide but pinches out. 1-2% py 45°TCA						
	52.6. Aplastile dyke: narrow (5mm-1cm) pink, very fine grained, irregular orientation								
		65.1-66.15 Moderate to strong propylitic alt^n, may be a shear zone w/in GRDR	61.45 Narrow, 3mm qz-carb vnlt w/ ankerite or poss fldspr or hem alteration (purple) and minor dissem py (<1%)						
			65.1-66.15 Shear zone (?), lower contact 50°TCA w/ 3mm qz vnlt.						

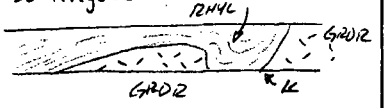
From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	(cont'd 2.53 - 102.85)								
		Moderate chloritic alt^n around vn @ 75.80.	@ 75.80 qz-carb vnlt. w/ offset. Vn is 6mm/20°TCA, Wallrock shows py halo up to 5cm from vein (5%py)						
	80.40 - 84.43 GRDR finer grained in fault/shear zone	80.40 - 84.43 increasd chl alt^n, minor clay/hem alt^n associated w/ fracture sets, occassional lim assoc w/ oxidation of core @ 81.38 - 82.00	80.40 - 84.43 Fault zone. variably oriented qz-carb vnlts						
			@ 85.55 qz-carb vnlt 4mm/47°TCA						
			@ 86.80 qz vnlt, 2mm/~10°TCA w/ abundant py along selvege and in immediate wallrock to 10%.						
	88.2 - 88.7 Sheared GRDR	88.2 - 88.7 incr. epi + chl							
			@ 94.15 Patch of rich chl w/ minor epi + qz, ~2cm wide/ 25° TCA						
			@ 100.55 qz vn, 1.5cm/20°TCA w/ 5% py + gal ± aspy (gal/aspy ~ 2% combined)						
102.85 - 118.05	Porphyritic ANDS., medium to dark grey; ragged white to pale green fsp phenos.	Carb vnlts w/ minor py Generally moderate chl.							
		106.15 - 107.95 Moderate to strong chl + epi alt^n	106.15 - 107.95 Shears of chl + epi, ~20° TCA, ~5cm wide. Main shear @ 106.55, another @ 106.40 Also similar shears @ 107.00 & 107.80 (near 11 TCA)						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
			@110.15 Similar chl-epi rich zone as above w/ carb vnlt @ ctr. ~25°TCA.						
			@112.55 Epi seam w/ carb. "Selv" margins						
		114.10 - 118.05 Sharp alt^n change or poss lith change Core becomes lighter (more silica) fsp phenos to 4mm.	@114.10 narrow shear/vn w/ locally abund py strong alt along vn orientation						
118.05 - 190.55	Medium grained, generally equigranular GRDR. Amphs may be quite large (7-8mm) Magnetic	Moderate to strong propylitic alt^n, pastic @ upper contact	Contact ~50°TCA, irregular.						
	119.4 - 119.5 Narrow ANDS dyke, running near parallel to CA as GRDR is evident on one side of core.		118.3 - 118.4 Breccia?, ground up GRDR w/ v. fine ak grey to black matrix						
			@119.35 carb-hem vnlt, narrow w/ py on frac sfc and along vn.						
			@120.95 hem-carb vnlt w/ abund. diffuse, dissem py in wallrock where vn is crossed by chl-epi carb vnlt.						
		123.90 → decr in prop alt^n to wk → mod. Core is v. silica rich, less granular, may be sheared. Wk potassic alt^n	@122.75 Chl-carb vnlt.						
		124.4 - 125.35 Silica-rich zone, abund chl fracs @ 40°TCA							

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
			125.55 - 126.40 Strong shear zone UC w/ hem, carb, qz. Py 2% finely dissem @ upper contact decreasing to <1% near bottom of shear.						
		126.5 - 126.6 Chl @ seri (argill.c) alteration around qz vn.	126.5 - 126.6 qz vn w/ minor carb. Py to 10% dissem in vn as large patchy blebs ~5mm. Gal 3.5% and poss aspy	4303	126.45 - 126.65	0.20	6896.9 (750)	187.3 (1777.1)	
		126.8 - 127.0 Argillic alt'd GRDR	Below vn to 126.8, core shattered w/ clay gouge	4304	126.65 - 127.70	1.05	101.4	215	
			Below fault @ 126.8 increased dissem pyrite in GRDR partic along fracs, though still <1%.	4305	127.70 - 129.90	0.20	2184.2 (7.34)	210.6 (254.7)	
		134.75 - 138.15 Incr. silicia (core becomes pale, bleached) w/ abund dark grey-brown chl-carb frac-fills. Argillic alt'n (?)							
		@136.00 ~20cm zone of mod. potassic alt'n that grades into lt grey silicified GRDR							
	GRDR coarser grained	138.8 - 139.1 Strong chl - seri alteration below vn @ 138.71.	@138.71 Bx'd qz vn 5cm/20°TCA w/ 10% dissem py in vn. Patchy & diffuse chl - seri in vn.						
			@140.35 carb vn w/ py, poss ank, Magn along selvage, 1cm/75°TCA						
			@141.65 qz vn 5mm/32°CA w/ py + tr. gal.						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
			@144.35 Qz vn w/ hem, carb + fine disem cubic py - purple white colour. Frac offset and vn "spirals" wound core.						
	150.7→ incr in xenoliths, though still fairly rare.	150.7 prop alt^n incrs to mod.	@147.90 Alaskite dytelet, pale pnk, v. fn grained 3cm/70°TCA						
			@154.20 ank-carb vnlt 1-2mm/ 25°TCA						
		155.5-155.95 Core lighter (more silicic) less chl.	155.95-162.75 Fault - broken core to 159.90; moderately broken & frac'd, locally bx'd (@161.40) bx healed w/ qz flooding, abund epi + qz; bx 30°TCA; minor py.						
			@162.70 qz vn 3mm/35°TCA						
			@164.30 chl-epi shear w/ carb and 1% py 5cm/40°TCA						
			@167.55 shear, prop alt'd w/ chl, offset, ~3cm/30°TCA; minor py.						
			170.15-170.80 Strong shear in GRDR epi chl±carb vning, upper contact marked by dk grey 4mm/15°TCA carb vnlt. w/ 10-15% py.. Discontinuous carb vning below						
	170.9-174.2 Dk grey crs-grained GRDR w/ prop alt'd fracs. oriented 30°TCA		170.9-174.2 local disem py.						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	174.2 - 176.60 Sheared GRDR Fine - med grained	174.2 - 176.6 Strong prop alt^{n} minor carb vnlts.	179.8 - 180.2 V. fractured, series of 2-5mm carb vnlts, minor clay on frac sfcs. - FAULT. @184.25 qz-carb -py vn, 8mm / 15°TCA. Py strung out along vn margin & dissem in vn up to 20%, generally 15%; tr gal(?), sm offset - 2.5cm @184.65 qz-carb vnlt, wht, 4mm / 22°CA 187.40 - 187.65 - Fault (broken core)						
190.55 - 202.45	Porphyritic ANDS. 190.55 - 192.50 bleached, large phenos of fsp. (5mm) 192.50 - 202.45 Darker grey, smaller phenos (≤1mm) homogenous & massive, less carb vnlts	190.55 - 192.50 5mm phenos of fsp, opi altered; core bleached w/ numerous hcw line carb vnlts.	@190.55 upper contact of ANDS Sheared & bx'd; 22°CA @202.45 lower contact sharp; wk bx ~ 55°TCA						
202.45 - 214.60	Med to crs-grained GRDR.	Wk propylitic alt^{n} @214.35 potassic alt^{n} & prop alt^{n} assoc w/ shear.	205.7 - 205.9 Broken core Fault? @209.80 sm chl shear w/ minor carb. @214.35 Shear. 3cm / 75°TCA						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
214.60 - 215.52	RHYL dyke, spherulitic w/ foliation (looks flow-banded) <10°TCA; RHYL is light brown (matrix) w/ 5-40% 1-2mm fsp spherules (wht to pale green)	Mod. silicification, epi.	@214.60 upper contact sharp, sheared 40°TCA 214.60-215.52 Py <<1% but fairly evenly dissem in dyke						
215.52 - 216.80	GRDR	Wk oxidation (lim) @ lower contact.	@215.52 lower contact sharp almost ⊥ to core axis, minor assoc carb vnlts,						
216.80 - 217.60	RHYL dyke, as above		@216.80 upper contact 23°TCA @217.60 lower contact ~40°TCA but irregular 						
217.60 - 249.55	GRDR, as previously described	Wk to locally strong prop alt°, partic along fracs and creates a banded appearance @220.65 abund hem on frac sfcs.	General frac orientation as marked by prop alt° ~20°TCA. @220.30 qz-carb vnlt 1-2mm/27°TCA Prop alt° halo around vnlt. @222.60 Carb-qz vnlt w/ minor hem 5mm/60°TCA. 223.75-224.75 FAULT - frac'd core, hem coated frac sfcs, fracs down core axis, red hem gouge mat'l. 229-230 Sheared GRDR, abund chl+epi+carb vnlts. @229.75 Main frac in shear, w/ gouge, 23°TCA						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
		232.80 → incr prop alt to mod intensity (lt greenish core) dk green to black chl fracs may be weakly bx'd.	@231.05 discontinuous qz vn w/ 1% dissem py 7mm/15°TCA @233.50 possible Alaskite dyke - does not cross core; pale pink w/ epi hairline fracs @232.70 15-20cm zone of up to 5% dissem py @234.05 as @ 232.70.						
		236.70-239.65 Strong prop alt'n 239.65-240.4 Prop alt'n decr. to wk intensity; v. chloritic, amphs in GZDR appear sericitized (white) - argillic alt'n (?) 240.4-249.55 Mod prop alt'n w/ locally strong zones. 242.90-243.10 moderately silicified 243.7-244.45 core lightly bleached	@240.05 carb-qz vn w/ py up to 10% partic in wallrock and offshooting vnlt. 2.5cm wide / 55° TCA. 242.35-242.55 Fine grained disseminated py, 2-3%. 242.90-243.10 minor py + cpy(?) @246.2 Frac'd, broken core w/ hem alt'n on sfcs @245.9 qz-carb vnlt 3mm/18°TCA 245.9-248.1 core moderately broken w/ wk oxidation (minor lim staining) 249.35-249.55 carb vnlt 4-5mm/ 10-15°TCA w/ minor py along selvage. + chl, discontinuous.						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
249.55 - 251.00	AND S dyke; massive dk grey-green, abund hairline carb vnlts	mod. chl alt^{n}	@ 249.55 upper contact irreg but ~30°TCA @ 251.00 lower contact ~10-15°TCA						
251.00 - 269.5	GRDR., core generally lt grey w/ dk green chloritic patches	Mod propylitic alt^{n}, Mod silicification Wk potassic alt^{n} to 50cm below upper contact	@ 253.30 chl seam w/ 5% py. 3mm/25°TCA @ 257.55 chl. carb frac/vnlt. dk grey to black chl w/ wht carb along selvage and stringy dissem py to 5% w/in the chl.; 3-4mm/15°TCA 258.4 - 259.6 Qz-carb vn, 3-5mm, running approx parallel to core axis w/ 5-10% py. locally, qz is grey, white carb.; vn width is 3-5mm @ 259.30 vn offset by qz-carb bx @ 259.50 vnlt 2-3mm/15°TCA @ 260.85 Sheared, mod foliated GRDR ~60°TCA						
	@ 263.40 Start of first mineralized Fault zone. (Kuhn Fault)		263.40 - 266.8 Fault + bx zone. abund. chl-carb fracs., core broken w/ gouge (graph?) on frac sfcs., ~2% py overall, locally to 5%. @ 264.60 shear plane w/ bx'd wall rock, poss graph, 25°TCA						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	(Fault/Breccia Zone cont'd)		264.9-265.20 qz-sx bx w/ carb. 10-15% aspy, 3% py. ~3% gal, poss sph 265.20-266.8 Bx'd core continues, but less sx. 266.8-269.5 Qz-sx-bx. Core is more competent but incr qz-sx vning along core axis. w/ offshooting vns & vnlts; carb infill of tensional gashes; 1-3% aspy, tr. cpy, 5-10% gal, 3-5% py @ 267.4 carb-qz vn w/ gal + aspy 1cm/30°TCA @ 267.1 bx of carb, cross-cuts qz-sx vn @ 267.65 qz vn w/ 20% aspy ~3% gal, 3% py; 7mm/20°TCA @ 268.40 rich aspy in qz vn (~20% aspy, 5% py+gal) NOTE Sulphides are also lightly dissem in fractured wall rock; generally w/ py and rare aspy & gal. 268.45-268.50 qz vn down core axis w/ 10-15% gal, 5-10% py. 269.2-269.5 Lesser vns.						
269.50 - 292.21	RHYL dyke, pale, green to tan coloured, brecciated, extremely altered	Silica flooded, argillic alt^n (?) Locally rich epi; carb vning. mio clay alt^n	@ 269.50 upper contact v. bx'd w/ rich epi, locally dissem gal, py, sph?						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
			269.50-271.90 Banded, foliated(?) rhyl; Sx along fol^n plane (35°TCA); silicification						
			271.90-276.40 Bx'd, silicified w/ py ± aspy along fracs, ~2-3%						
			@272.35 clayey gouge						
			@276.10 qz vn w/ 5%py, 1% aspy 3mm wide / ~15°CA, irreg. contacts and frac'd.						
			@276.20 similar qz vn as @ 276.10, pinches out due to offset						
			276.40-279.15 Foliated rhyl ~30°CA						
			279.15-292.91 Strongly bx'd zones along core axis w/in v. fn grained rhyl; Rhyl bands crumbled along core axis — Crackle breccia w/ minor Sx vning and coating fracs; dominantly py w/ tr. gal and aspy.						
			286.1-288.04 Gouge-bx'd core, locally competent (~10cm segments) round qz frags w/in v. fn grained lt brownish-green matrix						
			@290.10 Strong qz carb bx w/ py vnlts, also small hairline black vnlts may be v. fn Sx.						
292.91-297.25	ANDS (?), bx'd, dk greenish grey w/ abund qz-carb frac-fill vnlts.		Py is dominant Sx occuring in locally abund pods & patches up to 5%.						
297.25-300.00	HLBX, (lateral/hiz breccia); various frags of qp including blue-grey vein qz w/ py ± gal.		@297.25 Contact ~15°TCA of HLBX	4424	297.25-298.34	1.09	995.6	20.3	
				4425	298.34-299.24	0.90	2015.8	70.0	

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
300.00 - 311.70	RHYL dyke, bx'd w/ abund sx vnlts. Brecciation is strong through entire unit. Sulphides and frac fill chl (?) or poss v. fn sx is variable.	Clay-altered (?)	@301.30 dissem py, gal, aspy 301.35 - 302.51 less vnlts, dark tan coloured rhyl 302.51 - 307.70 abund dk grey vnlts, dissem py + gal ~2%, if vnlts are sx, up to 35-40% sx content 303.90 - 304.10 major bx zone w/ blue-grey disrupted qz vn w/ poss gal. + py 304.10 - 307.9 lesser sx content (vnlts a dissem). ~1%; 307.90 - 308.95 v. strong bx w/ qz "clasts", vn frags (blue-grey) and disrupted qz vns and locally rich gal, py and aspy up to 15%; dominantly py w/ v. fn grained gal (?); frac @ 45° TCA marks lower contact of bx zone. @309.05 another narrow shear ~15-20° TCA marks decr in bx? 309.30 - 309.70 Broken core / faulted @309.75 narrow qz-carb vnlt w/ py offset by hairline frac by 35cm.	4433 4434	306.90 - 307.90 307.90 - 308.95	1.00 1.05	2644.3 4511.5	107.80 302.40	
311.70 - 312.80	ANDS, bx'd, dk green, v. chloritic frac'd, broken core.								
312.80 - 315.15	Major fault zone, v. broken core, lithology difficult to identify, highly bx'd, may be RHYL or RHDC; rare sx.		314.25 - 315 goggy core w/ 1cm vuggy qz vn w/ cc weathered out						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
315.05 - 316.05	Possible DIOR ?, chl-epi alt^n, med-grained looks intrusive; may be med-grained heavily altered ANDS.		[END OF FIRST FAULT ZONE]						
316.05 - 317.35	ANDS dyke; massive, homogenous, dk grey w/ minor tension-filled carb. vnlts.								
317.35 -	GRDR; med grained, equigranular. greenish	Strong propylitic alt^n; rich chl & strong carb 325.2 - Increasing potassic alt^n to strong; pink fsp, rich epi + qz + carb + chl.	@317.35 upper contact extremely sheared w/ dk blue grey vnlts w/ disseminated py as well as qz + chl @325 Broken, offset aplastite (?) dyke pink, fn-grained, 1-2% disseminated py. 348.60 - 348.10 Fault - v. broken core, abund clayey gouge on frac. sfcs. @348.60 zone of epi + qz + chl - shear (10 cm wide) @351.15 10 cm wide gouged GRDR. also @ 352.20, 352.40, 353.75 355.50 - 357 fault zone, oxidized, sheared, broken core, carb alteration 356.95 wispy chalcedonic and carb vn 7cm / 45°CA						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	(SECOND FAULT ZONE)		@ 385.35 - 387.25 Fault / shear zone w/ abund. py strong out @ 20-25° TCA w/ tr cpy, gal and poss aspy	4489 4490	385.57 - 386.80 386.80 - 388.32	1.23 1.52			1579 ppb Zn 6027 ppb Zn
392.58 - 395.40	Fine-grained, dark green rock unit. Probable ANDS though also looks like a possible DIORITIC phase of the GRDR.	Rich epi + chl alt^{n}							
395.40 - 404.90	Med to crs grained, equigranular GRDR; sporadic fragments and dykes of alaskite	Moderate potassic alt^{n} Moderate propylitic alt^{n}	@ 395.60 Alaskite dyke/sill, pink, v. fn-grained.						
			396.80 - 397.10 Fault, broken core w/ carb vning						
			401.45 - 401.75 Narrow (5mm) low angle to CA alaskite dyke/sills (~10° CA)						
		@ 402.90 Rich epi over 5cm, probable frac related. Potassic alt^{n} strong around epi fracs	@ 403.60 Alaskite 6cm/65° CA						
404.90 - 418.10	ANDS, as @ 392.58 - 395.40 Slightly porphyritic w/ fsp phenos; generally white but looks pink	Abund epi assoc w/ fracs Abund chloritic alt^{n}	408.40 - 409.25 Fault, minor gouge; Shearing, partic @ 408.40 - 408.60 where carb vn/bx w/ rare py. (3cm/25° CA)	4504	408.20 - 409.60	1.40			5882 ppb Zn

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
413.10 - 413.60	GRDR, med-crs grained, equi granular, massive & competent trace py.	Strong potassic alt^ Strong chlorite Strong propylitic (ep'-gz) fsp are pink	@ 409.10 Py assoc w/ shear, dissem along shear plane. @ LC sheared/faulted w/ minor gouge & carb vns. (~25°CA)						
413.60 - 415.10	ANDS, as describe above	Strong epi + chl.							
415.10 - 418.30	GRDR	Strong potassic & propyl. hc							
418.30 - 419.71	ANDS								
419.71	END OF HOLE								

CME

Project name: SKUKUM
Project #: CP56A
D.D. Hole #: SC01-2

Length (m): 512.67
Grid: KUHN (RIDGE)
Dip: -77
Azimuth: 340
Core size: HQ/NQ

Contractor: CARON
Northing: 6670701.64
Easting: 477405.37
Collar Elev.: 1777.03

Hole survey type: DIGITAL MULTISHOT
Started: Sept 14/01
Completed: Oct 2/01
Logged by: TN
Date logged: 09/17/01 -

Depth	Dip	Azimuth

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0-3.05	CASING.								
3.05-4.72	OVERBURDEN.								
4.72-106.40	Medium to coarse-grained, equigranular, med. grey, mottled, greenish hue. GRDR. Generally more competent, some fracturing down core axis	Wk to locally strong propylitic alt^n w/ carb alt^n and locally sericitic. Propylitic along fracs creates banded appearance;	@6.00 qz vn w/ tr. py 4mm/15°CA 31.10-35.55 Shear zone, slightly oxidized, abundant epi alt^n w/ chl-sil-ser(?) centred by alaskite dyke. 37.35-37.95 Similar to above, poss alaskite but diffuse, core is bleached sheared @ upper/lower contacts. @43.59 qz vnlt w/ dissem py 25-30° TCA @45.95 Alaskite dyke 2.5cm/40°CA v. fg grained, pink, sharp contacts. @48.30 narrow, diffuse, discontinuous vnlt qz vn w/in narrow shears. @55.25 narrow vnlt w/ py along sdv. 5-15%, 3mm/25°CA @58.65 epi-qz rich shear ~59°CA w/ chl						
		54.05-55.40 oxidized (wk) core, v. green prop alt^n w/ carb weathered out - Shear zone							

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
			@59.50 qz vn 7mm/ 79°CA w/ chl + py (5%) @62.50 carb-chl shear, dk grey, fine-grained w/ 1% py, 2cm/ 25°TCA @65.40 narrow shear/vnlt. ~~60~~10-~~67~~.70 Pyritic zone (5%) dissem in fine/med grained silicified GRDR, narrow vnlt @ 67.20 w/ py, 3-4mm/ 30°TCA @72.55 xenoliths of ANDS or DIOR fn-grained, dk green 76.00-76.40 Fine-grained sheared qz vn @ upper margin, py in w/r and vn and dissem through interval; vn is 1cm/50°TCA, shear is 25°TCA. @79.40 qz vn(?) pinkish w/ carb and dk grey fracs down vn axis w/ fine-grained py. Py is also dissem in w/r which is silicified and contains minor py vnlts 2.5cm/35°TCA 79.50-79.95 Pyritic zone, py locally * massive, 50% w/ fine black metallic * mineral - ~~spl~~ magn? to 20-30%. Main * zone of py @ 79.60-79.75, more dk * mineral @ lower contact, no assoc. vein, but frac-controlled. Py frac's w/ dk mineral infilled. @81.50 Aplite (?) 1.5cm/ 30°TCA Aplite cut crossed by dk frac-fill and carb vn, pink to greenish. @85.55 qz vn 5-7mm/ 25°TCA						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
		88.60-89.00 argillic alt'n (sericite) in fine-grained GRDR, greenish	87.58-88.30 several qz-carb vns, sheared, stringy 91.5-91.7 Aplokite, massive fine-grained pink, 24°TCA, ~10cm w.to. @92.1 qz vn, 5mm/25°, massive, white barren, offset by chl frac w/ epi, 25cm offset 92.20-92.55 low angle to core axis qz vn, diffuse wht qz w/ abund green "swirled" or br'd chl w/ rare py, ± poss sph., 35°TCA; diffuse vn margins, wk potassic alt'n of w/r. @93.50 aplokite dyke 2cm/25°CA, frac-offsetted and discontinuous.						
		96.75-106.50 mod to strong prop alt'n, mod carb alt'n	@95.50 dissem py and trace cpy. @106.40 - contact, broken, no angle available.						
106.40-119.75	ANDS, dk greenish-grey, fine-grained, homogenous		106.40-110.95 generally v. broken and frac'd w/ numerous carb vnlts (oriented 70-85°), silicified and py to 1%, partic along fracs.						
	110.95-118.85 ANDS becomes porphyritic, ragged fp phenos.	110.95-111.20 slightly bleached.	@107.65 qz-sx vn, dom py to 20% w/ trace gal, v. low to core axis, broken 110.30-110.45 qz-flooded, minor py, frac'd and healed w/ chl-carb + epi and continues to 110.95	4537	107.59-107.95	0.36	1287.9	73.5	
	@119.45 Inclusion of GRDR.		118.85-119.75 Sheared ANDS, chl-epi-carb alt'd stringers, locally br'd, py 1-2%, dissem + frac controlled.						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
119.75 - 127.0	GRDR - sheared, silicified, qz flooded and bleached; med-grained		@120.65 prominent lightly oxidized frac, ~12°CA @121.75 qz-carb vn, wht and purple carb + wht qz; 1cm/75°TCA						
127.0 - 220.70	GRDR, rel competent, not sheared, med-grained, equigranular	124.4-124.60 potassic alt'd GRDR w/ abund chl fracs @ 20-25°TCA wk propylitic, chloritized matics	@130.90 qz-sx vn 1cm/24°TCA w/ rich cpy + sph(?) or poss tetr. (dk grey, metallic)						
		134.05-136.70 abund patches of epi	@132.40 chl-epi shear. @131.15 qz-carb vn w/ py (5-10%), narrow vnlt, 3mm/25°CA						
		137-139.30 incr. silica, bleached + chl hairline fracs	136.05-136.55 sheared, rich chl, py 1-2%. @138.55 diffuse qz vn, Si-flooded w/ epi + chl + ser.(?)						
	139.30-143.60 Rel unaltered GRDR, med-grained, equigranular, chlortic, rare carb, magnetic	143.60-154.25 incr prop alt^n, locally banded.	@142.80 qz vn 1cm/279°CA w/ rare py, chl along frac/selv., white milky qz. @145.00 qz vn, diffuse and floods into w/r, rare py, milky wht w/ argill.ic (ser.) alt^n + chl in alt^n halo; also epi in vn. 6mm/30°CA.						
		148.75-149.25, fine grained chl. alt^n around vnlts - argille alt^n	@149.05 - over 5cm, series of narrow carb vnlts, one is 1cm w/ purplish carb vnlts, minor py (2%) @153.70 qz-carb vn 1cm/55°TCA						
	154.25-156.40 sheared, silicified zone, fine-grained w/ locally unsheared GRDR, med-green, chl-rich + ser. and incr. epi								

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	156.4 – 188.60 Typical prop-alt'd GRDZ. dk grey w/ light greenish whi prop alt± creating banded appearance; v. magnetic	176.75 – 177.45 strong prop alt±	@155.20 massive wht qz vn, 1.5cm/38°TCA w/ sect'n choked by epi+chl, lower margin/selv w/ rich sx of py (dominant) + poss gal ± aspy (v. fn grained). Vn floods into w/r w/ local patchy dissem py. Overall vn width + flooding 12cm.						
			155.15 – 155.60 qz vn zone, upper vein marks contact. Lower vn is @ 155.55 1cm/30° w/ sx along selv. (py)						
			@162 5mm grain of magnetite						
			@166.10 qz-carb vnlt, 4mm/40°TCA						
			167.70 – 168.55 Zone of qz vning, massive milky wht qz vns @ 167.80 & 168.35 w/ some flooding into w/r. - upper vn 1cm/36°CA w/ py on selv, minor dissem py in w/r. - lower vn 1.5cm/33°TCA						
			@173.60 epi stringer, low angle TCA are cut off by fract						
			@176.75 narrow epi-carb-chl vnlt w/ rare py.						
			184.25 – 184.45 pair of wht qz vns, parallel w/in sheared GRDZ; 5mm/ 25°TCA (both), minor dissem py.						
		188.60 – 190.10 No prop alt± banding – more even and mod to strong intensity	@185.15 narrow epi-qz vnlt 5mm/15°TCA						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
190	190.10 → back to banded GRDR, finer grained than typical, moderately flooded w/ qz, magnetic	207.50-208.05 clay ± intense argillic alt^n ; light green-grey core ; kaol(?) on frac sfcs.	@205.40 qz vn w/ large (2-4mm) platy muscovite in tension fracture; vn is discontinuous, terminated by frac. @206.85 similar vn as above. @207.00 clay vn (kaol?), v. soft, fine grained, white ; also @ 207.20 & 207.30. 211.40-212.40 Shear, diffuse GRDR texture; sil-epi-chl and rare qz frags; some seri- @214.45 cataclastic bx?, v. fn dark grey matrix w/ qz "eyes" @217.80 qz-epi-chl vn.						
220.70 - 222.10	RHYL dyke, foliated/banded, spherulitic tan to pale greenish rust; abund silica	Minor epi + chl and some hem all ^	Foliation/Banding 20° CA Py dissem in RHYL 1-2% locally, generally as cubes up to 2mm						
222.10 - 233.75	GRDR, med grained, equigranular	wk → mod prop alteration locally strong silicification	@228.60 Fault(?), broken core, gouge on frac sfcs. 232.05-232.35 Epi-rich zone, probable bx w/ dk chl fracs, qz frags, minor carb						
233.75 - 234.85	RHYL dyke ; greenish-tan, banded/foliated no spherules	chl	Foliation/banding 15-20° CA Dissem py ~ 1%. @LC contact is 25° CA.						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
234.85 – 239.05	GRDR								
239.05 – 240.33	BX RHYL w/ qz vn running at low angle to the core axis. Numerous small qz stringers in fracs offshooting from main vn ; RHYL is homogenous tan-coloured v. fn grained	Abund sil. ; chl	Qz vn in RHYL is 5-10°CA, white to translucent blue qz.						
240.33 – 257.65	GRDR 244.80 - 245.30 Alaskite dyke ~25°CA. 252.20 - 252.75 Sheared GRDR - fairly random oriented tension gash qz vnlts. py 1-2%	Purple hem-altered carbonate in fracs and vnlts.							
257.65 - 258.55	RHYL dyke ; broken @ upper contact (faulted?) Foliated/banding observed in competent pieces.		Banding/foliation ~ 27°CA Py dissem ~ 2%. @258.45 Bx zone w/ abund py and sph (?) ; 39°CA w/ qz (qz-sx-bx ?) ~20% py up to 10% sph @ LC fault gouge						
258.55 - 309	GRDR	269.50 - 269.90 abund patchy epi	262.70 - 262.95 abund purple hem-carb vnlts, random orient'd w/ minor py. 274.30 - 274.63 dk greenish-grey, fine-grained w/ qz "eyes", poss cataclastic bx/shear w/in GRDR; minor qz vnlts ; rare dissem py.	4646	273.3 - 274.3	1.00	528	393	

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
		278.00 → increased hem alteration of fracs - deep maroon to brick red; also purple carb vnlts.	275.95-276.10 chl-carb shear, centre is purple carb vnlts w/ 1% py assoc. Minor seri. Centre carb vn is 1.5cm/50°CA @278.60 Similar to above but narrow (2-3mm) w/ py vnlt; 33°CA. @281.30 qz vn 4mm/30°CA, minor carb-chl w/ 5% py. @286.95 hem-carb vnlt, purple 2mm/55°CA @290.75 hem-carb vnlt 7mm/60°CA also @ 296.60 7mm/63°CA @301.10 Fault, hem-carb-qz vnlt w/ gouge (carb-clay), 26°CA 304.50 - 305.30 Bx zone, chl-epi-qz discontinuous carb-qz vnlts, abundant hem alt'n						
309.00 - 323.00	ANDS, weakly porphyritic, v. broken faulted core; dk green-grey, generally homogeneous, minor carb-qz fract-fill vnlts.	Chl. - mod Carb. - mod.	@309.00 (UC) faulted 40°CA						
323.00 - 323.85	GRDR - sheared								

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
323.85-326.40	RHDC – ANDS ;	Bleached & UC, tan coloured similar to RHYL	Core very competent to 324.00m at which becomes blocky, broken and gouggy. 325.50-325.80 V. Strong BX – dark grey matrix w/ RHYL, QZ frags, rounded and milled. Dark grey matrix w/ dissem py, chl; Fault/frac parallel to CA.						
326.40-336.90	RHYL ; banded, w/ hairline dk grey fracs, poss sx vnlts		Banding 40°CA Dissem py in rock and along fracs ~1-2%. Poss galena associated, but rare						
336.90-341.99	HLBX - rounded, milled RHYL, QZ, FRDR(?) frags in med to dk grey fine-grained matrix ; locally vuggy and gouggy. 334.37-336.96 – v. poor recovery – clay seam encountered by drilling but all clay washed away. 341.07-341.99 greenish RHYL, broken.		Dissem py 1-2% 339-340.70 BX w/ large open-space filling calcite xtals up to 4cm long ; v. dark grey (almost blueish) matrix/gouge @ 340.70. No v.s sx in matrix, but may be v.fn grained, some dissem py.						
341.99-401.35	GRDR - broken, sheared & locally bx'd.	341.99-348.80 oxidized?, soft gouggy gge core w/ open space filling carb and chalcedony Abund propylitic & chloritic ± argillic alteration ; some clay altered	@353.10 carb vn - open space filling – wanders along core axis 356.40-357.00 – Fault gouge 15°CA, soft core, light bx, v. green & fine grained						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	* Start of cpy-py bearing * vein system @ 358.10 - * 385.45m.; also found @ 407.50m	Core @ 360 is more competent mottled greenish-grey, strong epi-qz-chl	@358.10 qz-py-cpy-gal vnlt 4mm/25°CA; frac-offsetted and discontinuous; 50% sx dominantly py & cpy, minor gal. @359.95 cpy-py-gal.(moly?) vnlt 5mm/26°CA @360.40 narrow qz-carb sheared vnlt 1-2mm/45°CA w/ py+cpy. @361 strong epi w/ py vnlts crossing epi orientation; vnlts of carb also. 361.35-361.55 Fault. frac'd, gougy core. Also @ 363.10-363.40. 362.20-362.35 ANDS dyke or xenolith w/ narrow (1mm) 43°CA qz vn (blueish) w/ py, cpy ± gal(?) Minor dissem py. @362.75 patchy, diffuse qz vn, crosscuts epi stringer (1cm wide); narrow cross-cutting fracs contain py + Sph(?) (reddish brown) @363.80 carb-qz vnlt, local dissem py. + gal(?), dark grey (#altr?) 363.40-363.60 gougy core w/ minor py. @365.50 qz-cpy-py-gal vn 4mm/20°CA ~60% sx (30% cpy, 25% py, ≤5% gal) @367.20 carb-filled shear, minor chalcedony 2cm/30°CA, minor py						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
		368.85 decr chl incr prop.	367.80-368.85 vnlts and fracs w/ patchy a disseminated cpy, py, gal and sph(?) - nonorientation significant frac-offsets.						
			371.10-373.20 Fault; UC epi-rich shear, 30°CA, becomes broken o gouge						
			@372.20 qz vn, v. low angle to CA 6-10mm wide w/ cpy, py, gal, sph(?) and/or tetr(?), frac bifurcated.						
			@374.35 narrow seri-altered/talc fault gouge, ~2mm/30°CA, gouge is pale green, talc-like						
375.90-376.15	ANDS dyke or xeno, sheared UC w/ epi + qz and minor py/cpy.		@376.35 Narrow diffuse qz vn w/ py, gal, rpy (~20% sx - 10% py, 8% gal, 2% cpy)						
			@376.6 epi stringer/vn w/ minor red hem on frac sfcs						
			@377 shear, epi + chl, minor gouge slicks on frac sfc.						
			@377.30 epi(?) shear + clay + seri 4/cm/30°CA						
			379.70-380.00 - epi-qz-chl shear.						
			@380.50 Fault w/ gouge and carb open space filling w/ minor purple-red hem alt° and minor py.						
			380.50-381.50 BX w/ carb and chalcedony filling open spaces, dominant carb @ 380.50, good chalcedony near 381.50.						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
			@382.70 discontinuous qz vn(?) w/ py + cpy						
		@383.50-383.65 rich epi-qz-ser	@383.00 py + cpy vnlt 1-2mm/20°CA						
			@384.80 minor qz sx vn w/ py + cpy.						
			385.10-385.45 narrow 3mm qz vnlt w/ py + cpy + gal, v. low angle to CA and offsetted. Some py + cpy dissem in w/r.						
			@386.60 minor chl shear, local dissem py associated w/ shear. (20°CA)						
			386.80-389.40 Faulted - broken core chloritic and gouge clay on frac sfcs.; occassonal carb open space filling vns.						
			@390.90 carb on frac sfcs w/ slickensides perpendicular to frac orientation.						
		390.90-395.75 strong epi + chl alt°; carb + qz also.	390.90-395.75 Fault/bx zone in GRDR; wk to moderate intensity, but strong chl-epi alteration w/ healing by qz-carb (occassonal chalcedony)						
			@394.35 ANDS xenolith						
			394.55-394.65 Large carb vn ; frac-filling w/ minor purple hem? Bx'd w/ entrained w/r.						
			@395.60 Carb vn 1-1.5cm/38° CA						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	395.70 → core becomes more competent and hard.	395.70-396.75 strong epi assoc w/ shear	396.60-396.75 shear 45°CA						
	397.80-398.60 Pale, bleached section of GRDR, poss QZDI phase; mottled white/black w/ abund. qz.								
401.35-404.00	ANDS dyke; massive, homogeneous, dark green-grey; numerous hairline carb-qz vnlts.								
	402.15-402.55 Section of GRDR w/ irreg contacts w/ ANDS								
404.00 —	GRDR								
		407.25-407.75 strong epi-clay alteration;	@406.90 carb vn.						
			407.25-407.75 sheared/frac'd/ offset qz vns up to 1cm wide w/ 30-50% sx content. Dominantly py (20%), gal to 1%, rare cpy and trace bornite? or tetr?	4749	407.25-407.75	0.50	4579		
			@409.60 small frac w/ gouge & rare py.						
			@410.70 qz sx vn 6mm/20°CA cpy 30%, 3-5% gal + dark mineral w/in vn (chl/ser?) + green chl in vn. Argillic alt° around vn in w/r.						
			@411.60 local dissem py + cpy @ UC of pale green epi-chl shear zone in GRDR.						

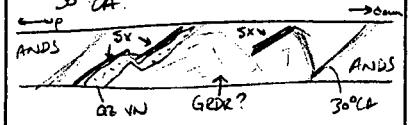
From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	(GRDR cont'd)		411.60-412.15 Shear @413.05 qz vn, light pink. @414.80 small shear w/ epi + py + qz, 20-30°CA 415.05-416.50 zone of carb frac. fill vnlts up to 1cm along CA 416.30-416.80 shear, epi + qz + dark seri (?) along shear margins. @419.45 carb vnlt, one splits into 2 ~2mm/25°CA, rare py.						
		426.20 → v. strong epidote w/ abund chl + qz. Epi occurs in rich patches assoc w/ fracs locally bx'd (?)	421.55-427.40 Bx (?) qz-epi, v. dk, fine-grained matic (chl) matrix, abund pale green epi obscures GRDR foliation. @422.85 carb-qz vn, pinches out w/ multiple offsets, ~10°CA. @423.40 15cm epi rich zone, also @424.55, 424.85, 425.50, 426.40 @427.70 Fault, 2.50m/15-20°CA, gouge v. soft w/ w/r frags, minor Sx, incl py + sph (?). Sx in hanging wall, poss Sb (?). Galena in footwall assoc w/ fracs @428.45 Fault, narrow, w/ gouge. @430.95 Strong epi shear, 9cm/60°CA @433.05 Epi zone w/ purplish mineral poss fluorite (?)						

From - to m.	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	(GRDR cont'd)	434.45-434.70 Strong epi.	@435.80 Low angle qz-carb-sx vnlt, ~1cm wide / 10°CA; galena dominant sx as fine gouge matl (v. soft)						
			@436.10 qz vn w/ cpy, gal, py, sph & aspy(?); 4mm / 20°CA. Different orientation to vein described above.						
	437.25-437.66 GRDR finer grained ; sheared?		437.25-437.60 patchy dissem cpy, frac-controlled; wk hairline frac w/ cpy, sph, gal @ 437.45.						
	437.60-453.90 GRDR med-grained equigranular.								
	438.50-440.15 crs-grained, competent	438.50-440.15 Strong prop., wk potassic.	440.15-441.45 Fault - frac'd, broken core w/ gouge, pyritic; minor bluish-grey gouge, pass sx at upper contact; locally abund epi-qz.						
			442.60-448.40 Fault zone, v. low angle to CA ≤ 5°CA.						
			@443.20 Carb-hem vning, bx'd w/ finely dissem py assoc w/ hem/carb; also offset qz vn w/ py						
			@444.60 crushed core to gravel						
			@445.85 carb vn						
			446.30-448.00 Fault gouge parallel to core axis, v. soft ground GRDR, pyritic (1-2%) generally assoc w/ carb vning, but also dissem in gouge.						
			450.30-451.10 Frac zone, fracs // to CA						
			451.25-452.15 Fault, w/ gouge.						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
453.90 – 454.75	ANDS, dk greenish grey, fine grained	v. rich epi + chl obund qz-carb vnlts. rare hem.	Contacts irregular						
454.75 – 459.40	GRDR, v. sheared	Strong epi-qz-chl alt^ Frac-fill carb vning minor hem on frac sfcs.	@455.40 wk crackle bx w/ carb infill 455.50–455.65 broken core w/ qz vns Vns are ~ 5mm w/ py ± gal + chl + epi. Some gouge between vns. @457.50 Strong shear w/ carb, chl hem; qz (30-45°CA)						
459.40 – 460.50	Mixed zone of GRDR + ANDS (sheared). Strong epi alteration.	457.50–458.45 Strong epi fracturing w/ carb + qz vnlts.	460.00–460.50 Strong epi w/ qz-sx vns @ 460.1 and 460.2 w/ cpy-sph-gal. Also some cpy assoc w/ fars + dissem. Epi + chl also in vns						
460.50 – 469.70	ANDS, dk green-grey, v. frac'd & pt heal w/ epi and to lesser extent carb. qz (second phase)	Strong epi + chl	461.45–462.95 v. strong epi-rich shear zone w/ main shear @ 462.80 (carb-qz-hem-chl) @463.55 qz-sx vn, 60% sx (py-sph-minor gal) 5mm/18°CA 463.75–464.15 Strong epi, bx'd						
	464.55–464.80 GRDR frag	464.95–465.35 v. strong epi	@465.35 47°CA shear w/ gouge, carb + chl + epi, ~ 2cm wide. @467.25 carb vn, 1-1.5cm/40°CA w/ chl; orientation perpendicular to qz-sx vns below.						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	(ANDS cont'd)		@467.60 qz-sx vn (50% sx) py,gal,sph, cpy; 3-5mm/15-20°CA.						
			@467.75 qz sx vn (50% sx), sph, py,gal, cpy 5mm/15-20°CA						
469.20 - 471.55	GRDR	wk potassic Strong propylitic Mod. chlorite	Two vns described above are connected by low angle to CA qz vn w/ sx						
			@469.30 - narrow qz vnlt w/ pass gal 2mm/22°CA.						
471.55 - 473.40	Shear zone of both GRDR and ANDS	Abund epi (strong)	472.50-473.40 low angle to CA fault w/ gouge.						
473.40 - 498.70	ANDS.		@471.50 qz-sx vn, py-gal-cpy-sph along lower fault contact, minor cpy in gougy material.						
			475.70-476.05 Carb hem wk crackle bx.	4803	475.7 - 476.7	1.00	317		
			@476.40 sx-qz vn 80-90% sx of sph-py-gal 7mm/35°CA; small fault w/ carb veining immediately below w/ minor gouge						
			476.46-478.40 Fault, occ v. broken, gougy, carb vnlts.						
			@476.90 qz vn w/ minor sx py+gal; also chl-ser; 6mm/50°CA disrupted						
			@477.70 carb vn 2cm/60°CA w/ w/r inclusions.						

2 of 2

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	(ANDS cont'd)	479.25 - 489.17 abund epi alt^{n} along fracs, minor carb veins	479.25 - 479.90 Strong epi - qz vein + Shear zone; offsetting shows "lifeps", appears poss. GRDR Sx near qz vn and along frac planes (py-gal-sph) plus hem. ~30° CA.  Below shear, continued epi - qz - carb hairline fracs @ 484.15 v. rich epi fragS, may be GRDR completely epi-altered w/ minor potassic alt^{n}. @ 488.60 qz - epi vn, disrupted & offset w/ cpy. @ 489.20 qz vn w/ minor py, offset a discontinuous; local Sx walls w/ py + gal @ 30° CA. @ 489.35 irregular qz vn, barren, white, massive, ~5mm wide						
489.70 - 511.28	GRDR		@ UC 489.70 - 492.05 faulted, gouge rock w/ locally competent v. epi-altered.						
		Qz vns w/ patchy dk green chl w/ py lins and py w/ magn lins.	492.05 - 494.29 qz vning w/ rich epi alt^{n}; vns are nearly parallel to CA and contain local patchy distrn py, magn. Also minor cpy, gal, sph.	4819 4820	492.86 - 493.62 493.62 - 494.29	0.76 0.67	[illegible]	[illegible]	

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
		494.29-498.04 wk to mod potassic alt'n, though localized	494.29-498.04 incr. broken rock w/ carb vning, less qz and rare sx. — core completely fragmented from 496.40-497.92.						
	@ 498.50 dk grey-green-black ANDS frag w/in GRDR; also narrow qz-carb-epi vn/lt along contact (?)		@ 498.05 Carb vn, ~ 2mm						
			499.00 Strong epi fracturing w/ broken core & minor gouge. @ 499.20						
			@ 505.28 qz-sx vn (50% sx) w/ py+gal+sph, 3mm/35°CA						
		@ 508.50 V. strong epi over 10cm.	@ 506.00 sx-qz vn w/ cal, sx is py.						
			@ LC of GRDR, faulted broken core						
511.28 – 512.67	ANDS dyke., abund epi fracs, minor carb vning.								
			@ 512.5-512.67 faulted, broken core						
512.67	END OF HOLE								

CME

Project name: SKUKUM
Project #: CP56A
D.D. Hole #: SC01-3

Length (m): 269.44
Grid: KUHN (RIDGE)
Dip: -62°
Azimuth: 350°
Core size: HQ

Contractor: CARON
Northing: 6670690.69
Easting: 477368.21
Collar Elev.: 1779.10

Hole survey type: DIGITAL MULTISHOT
Started: Oct 3/01
Completed: Oct 8/01
Logged by: TV
Date logged:

Depth	Dip	Azimuth

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0 - 3.77	Casing								
3.77 - 6.00	Overburden								
6.00 - 56.00	GRDR, med-grained equigranular, locally xenolithic, magnetic; amphiboles accessorially v. large (up to 1cm)	Wk propylitic alt^{n} forming banded appearance. Wk-mod chloritic alt^{n} of mafics 47.40 - 49.60 argillic altered, green core, finer-grained w/ occ. purple carbonate vns w/ more intense arg alt^{n} in halo, pervasive @ 49.45.	@17.70 2mm/60°CA py-carb vnlt w/ arg alt^{n} halo ~1cm wide w/ dissem py in wlr and in vn; minor hem. @29.15 closet of chalcedony qz, med-grey ~5cm wide @52.80 closet of pink dyke material (pegmatite? or aplite?) @54.00 shear, w/ oxidized gouge 1cm/35°CA						
56.00 - 67.60	ANDS, porphyritic, med-dk green-grey; fsp phenos + carb-epi altered.	Epi alt^{n} w/ incr. intensity w/ depth.							
67.60 - 96.00	GRDR, as @ 6.00-56.00	Wk-mod prop. @69.30-69.55 fine-grained silt+epi zone. 75.05-75.45 epi-rich zone	@72.90 minor carb-hem-qz vnlt w/ dissem py. @74.90 qz vn, wht w/ chl selv. 4mm/55°CA 76.30-76.70 fine-grained shear (?) w/ offset chl stringer and carb vn in opposite orientation (shear 45°CA, vn 45°CA)						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
		84.10-84.30 minor oxidation, incr. hem alt'n	@83.40 alaskite/aplite dyke, 10°CA ~2cm wide.						
		88.90-90.35 epi rich zone wk-mod potassic	88.90-90.35 wk bx/stockwk.						
			@90.65 alaskite 2cm/32°CA, frac offset by 2.5cm						
		91.45-92.35 banded prop alt'n	@91.45 alaskite 1cm/25°CA						
			@92.60 pair of alaskites 1.5cm and 1cm 30°CA						
			@92.95 alaskite 1cm/30°CA						
	95.30-95.60 ANDS injected along fracs in GRDR		@93.50 qz vn, barren, pinches out, ~7mm/35°CA						
97.15-99.20	ANDS	epi+chl rich w/ local carb veining (frac-fill), barren and w/ some w/r frags	@UC, v. low angle to CA (~5°)						
			@98.90 carb-qz vn w/ gouge on either side, ~7-10cm, clay-altered (kaol?)						
99.20-102.35	GRDR								
	99.20-100.65 relatively sheared, soft core w/ carb-hem (purple) veining, shear textures at low angle to CA.								
	100.65-102.35 med-crs grained, unsheared.	mod prop mod chl							
102.35-104.05	ANDS		@UC sharp 60°CA						
			@LC sharp ~35°CA						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
104.05 - 105.80	GRDR								
105.80 - 106.30	ANDS		@ UC ~15°CA @ LC ~65°CA						
106.30 - 107.55	GRDR, locally small shear textures; epi+chl abundant in shears.								
107.55 - 108.75	ANDS		UC/LC sheared, abundant hairline, epi frac-fills.						
108.75 - 111.70	GRDR	mod propylitic							
111.70 - 121.65	GRNT or QZMZ, pale, bleached looking w/ v. minor mafics <5% and abundant qz.	wk-mod potassic	@ UC abnd red hem alt^n, sheared qz w/ epi + carb. 11290-11310 broken core 11805-119.30 low angle to CA epi-rich stringer vn/shears. 120.25-121.65, incr. shearing, incr. chl and bleaching toward LC						
121.65 - 125.85	Mixed phases of GRDR to GRNT/QZMZ 121.65-123.05 GRNT/QZMZ 123.05 - 124.60 GRDR 124.60 - 125.85 GRNT/QZMZ	wk-mod potassic in GRNT/QZMZ Mod prop in GRDR							
125.85 - 129.10	ANDS, med-dk green grey, v. fn grained	epi+chl (mod) alt^n minor qz-carb frac-fill vnlts.	@ UC abnd epi shears for 20cm @ 40°CA.						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
129.10 - 130.15	RHYL, tan coloured, spherulitic								
130.15 - 132.30	GRDR/GRNT, bx'd w/ fragments up to 3cm, bound in pale green chl-epi-qz-carb matrix (med-grained)		@132.10 qz rich zone in GRDR (parallel @ 30°CA)						
132.30 - 133.30	RHYL dyke, spherulitic and banded (banding 35°CA)		wk dissem py in interval. uc/lc sheared w/ rich chl.						
133.30 - 142.20	GRDR, lt grey, med grained	wk prop - banded.	@136.75 carb-hem qz vn 1-3mm / 35°CA purplish w/in 13cm wide argillic alt^{n} zone (chl+serin musc)						
	140.50 - 142.70 GRDR, fine-grained, bleached silicified, rare mafics, or completely chloritized								
142.20 - 147.15	ANDS, non-porphyritic	V. epi rich; epi is patchy and frac-controlled.	@ uc 70°CA (intrusive)						
			143.40 - 143.90 faulted, broken core, abund chl-carb-epi fracs/vn lts.						
			@145.05 chl frac/stringers w/ assoc py along frac orientations (60°CA)						
			@146.85 carb-qz-hem vnlt w/ py ~3mm/35°CA						
147.15 - 151.70	ANDS / GRDR contact zone. ANDS @ low angle to CA from 147.15 - 148.70; ANDS is soft, bx'd and gougy along contact (~50°CA) GRDR is competent, rel unfrac'd; wk potassic and prop altered. Irreg contact below 148.70 w/ various pieces of AND & GRDR at different orientations								

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
159.70 - 159.80	GRDR, rel unaltered	wk prop, chl, carb, but incr. w/ depth	@159.60 qz-carb-sx vn, 5-8mm wide w/ up to 80% sx (py+sph) 20°CA Dissem py in alt^{n} halo around vn (~3% py) @153.05 shear w/ qz-carb vning and sx (py+sph) up to 15-20%, ~20°CA 5-7cm w.ide. @154.00 sx vn w/ nearby parallel epi-chl stringer w/ lesser sx; 2mm/30°CA (sx is comminantly py, poss sph.) @155.65 rare dissem gal w/ py (<<1%) probably assoc w/ fracs of epi + qz flooding @156.20 low angle epi-carb-chl shear w/ minor py and dissem gal (rare), local parallel frac w/ epy @157.10 chl stringer/patch w/ epi 158.70 - 158.95 series of chl rich vns w/ carb + hem @158.95 ANDS xeno.						
159.80 - 161.60	ANDS	chl-carb-epi frac network carb tension fill							
161.60 - 197.05	GRDR 168.80 - 170.80 sheared GRDR, arg alt^{n}, qz carb vning, rich epi + chl, 1% py		@161.50 chl-epi-qz shear 3cm/30°CA @174.25 epi-carb tension fill, core pyritic below ~ 10-20% py w/ abund mag. @176.40 white massive qz vn 1cm/40°CA						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
			@177.10 chl-epi-qz-carb shear ~10cm/35°CA						
			@179.15: qz-sx veining w/ gal ± sfg. in arg altered GRDR						
	179.25-179.35 ANDS (?) frag, dk green homogeneous, also narrow ANDS dyke @ 180.00, 2cm / irreg. orientation		@179.80 qz-sx vn, rich py to 60% w/ poss sph ± moly.						
			@182.80 carb vn, slightly vuggy 3mm/30°CA just below is chl-py vn/stringer 4mm/35°CA (oriented ~90° to above)						
			183.15-183.45 broken core.						
			@183.30 4mm carb valt.						
			@184.00 narrow py-chl-carb valt/shear 3mm/31°CA						
		184.30 → mod prop alt^n	@184.30 strong epi over 15cm.						
		186.85-187.35 Arg-altered zone w/ strong epi, centred by narrow potassic(?) shear ~1cm/40°CA							
		189.00-190.30 Arg alt^n, centred on 189.90-190.00 by "swirly" epi w/ up to 10% py + dk green chl, frac w/ gouge							
			@191.15 py seam, ~2-3mm/35°CA						
			@192.50 shear 30°CA w/ arg alt^n halo.						
197.05-199.70	ANDS, porphyritic,	mod chl	Approx 5% dissem and frac-controlled py, assoc w/ epi patches						
199.70-200.20	GRDR	mod prop.							
200.20-205.90	ANDS, as above	wk-mod sil w/ qz-carb frac valts wk chl wk-mod epi	Dissem py ~5%						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
205.90 - 213.35	GRDR, wkly sheared	mod chl mod prop mod arg wk-mod potassic wk-mod sil.	@UC faulted broken core 205.90 - 207.00 Faulted. @210.45 narrow carb valt, minor dissem py (<1%) w/ py halo ~ 2cm wide w/ 5% py.; also @ 210.05 w/ 10% py. @211.05 shear, ~10cm/40°CA w/ epi-chl-qz-carb @212.80 strong shear, continues to 213.35 between is sliver of oxidized GRDR (fem + lim alt?)						
213.35 - 215.85	ANDS, v fn grained w/ qz-carb stkwk/bx black phenos, rare py		214.55 - 215.75 Fault, oxidized fracs (hem + lim)						
215.85 - 218.80	RHYL, greenish - tan coloured, frac'd & healed w/ silica ± carb, minor banding though almost obscured	wk oxidation on fracs.							
	217.50 - 218.80 brecciated RHYL w/ strong qz-carb vn/bx, 2% minor py cubes, along fracs and dissem		217.50 - 218.80 bx'd RHYL w/ strong qz-carb vn/bx, 2% py cubes along fracs & dissem.; also dark blue-grey fine-grained mineral in fracs (gal?) from 217.80 - 218.30						
218.80 - 219.35	ANDS.	wk-mod chl.	@ LC fault gouge (cataclastic?) 2.5cm/40°CA						
219.35 - 220.55	GRDR, strongly sheared/foliated		@ UC sharp 60°CA @ LC sharp 45°CA, sheared (cataclastic?)						
220.55 - 225.05	RHYL, pale green/tan, banded 35°CA, localized sx valts. 224.90 - 225.00 ANDS sliver between RHYL/GRDR		@ 222.55 banding offset + bx'd. RHYL w/ sx valts infilling (py ± gal)						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
225.05 - 229.30	GRDR, sheared 227.69 - 228.10 Crs-grained GRDR, broken. 228.10 - 228.40 sliver of ANDS (uc ~ 18°CA) 228.40 - 229.30 GRDR		@ uc sharp 60°CA Abund chl-carb vnlts w/ purple hem-carb vnlts w/ minor dissem py. 227.57 - 227.69 shear/fault 50°CA						
229.30 - 230.25	RHYL, soft, bxid, white to light tan.		@ uc 2.5 cm / 30°CA gouge, sx? (fine dk grey material) 230.10 - 230.30 dk grey, fine-grained, soft core, pass sx in gouge						
230.25 - 230.70	GRDR, soft, foliated, sheared.								
230.70 - 230.90	ANDS(?), fine-grained, green-ish, soft upper/lower contacts sheared/gouge.								
230.90 - 238.55	GRDR (?) v. sheared, no original texture	clay-altered (?)	~ 2% dissem py over interval @ 233.50 fault/gouge ~ 30°CA @ 236.50 - 236.60 ductile shear, fine-grained, probable sx concentration of py/aspy @ 236.55 237.05 - 237.35 shear zone w/ qz-carb + py + aspy ~ 5-10% combined @ LC soft oxidized core, lots of lim + hem w/ minor qz frags; sharp contact below						
238.55 - 240.58	HLBX; sheared GRDR and pass Bended RHYL w/ localized QZ-SX-BX; dark grey to med green		@ 238.85 QZ-SX-BX, ~30% Sx of py, aspy, gal + sheared qz and probable sph. @ 239.85 QZ-SX-BX, as above.						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
			@240.35 cataclastic bx 5cm/40°CA w/ 30% py in fine-grained matrix w/ qz. fsp frags.						
240.58-241.70	GRDR, bx'd to HLBX, lt green, extremely bx'd w/ chl fracs, (V. similar to bx style in SC01-4 and 86-K3)		@UC sharp but irreg. Rare BX @LC sheared ~83°CA						
241.70-242.30	ANDS, wk bx/frac, carb. qz vnlts.	Oxidation along fracs.	Approx 5% py along fracs & vnlts.						
242.30-243.15	GRDR, sheared to bx'd.								
243.15-244.50	RHYL to RHDC(?), faulted, broken.		@243.35 Sx?, bx, ~1.5cm wide, dark grey bx matrix						
244.50-269.44	GRDR, sheared to bx'd., becoming more competent toward end of hole.		@245.90 1.5cm/5-10°CA qz-Sx vn, bx'd, 30% py, poss sph + asPy						
			@247.80 soft core, locally abund py (2-3%) w/ abund qz, arg (seri) alt'n (lt green), also oxidation on fracs.						
			@253.70 abund qz w/ rich chl seams in highly frac'd GRDR; patch of py assoc w/ fracs (~5%)						
		258.00-258.00 strong epi+chl local potassic (mod)	258.60-258.95 oxidized fault frags						
			236.04-264.63 oxidized fault frags with low angle to CA fracs below 264.63 and minor clay gouge.						
			@265.85 low angle to CA qz vn w/ 5-10% py, poss asPy to 5%, ~7.5cm/5-15°CA						
269.44	END OF HOLE								

CME

Project name: SKUKUM
Project #: LPS6A
D.D. Hole #: SC01-4

Length (m): 300.53m
Grid: KUHN (RIDGE)
Dip: -47°
Azimuth: 145°
Core size: HQ/NQ

Contractor: CAPON
Northing: 6670953.38
Easting: 477303.53
Collar Elev.: 1692.10

Hole survey type: DIGITAL MULTISHOT
Started: Oct 9/01
Completed: Oct 15/01
Logged by: TV
Date logged: 10/23/01

Depth	Dip	Azimuth

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0 - 3.20	Casing								
3.20 - 8.75	Overburden - GRDR w/ oxidized rugs.								
8.75 -	GRDR, med. grained equigranular. Locally coarse-grained and fine grained. Xenolithic, though not abundant, magnetic (quite strong)	wk-mod propylitic wk potassic wk-mod chl							
12.05 - 13.65	Coarse-grained GRDR, mod potassic and bleached								
		@13.45 Strong Fe-oxidation, slightly wggy, pass low angle qz vn	@16.78 disrupted qz vn or frac-filling fine-grained qz (chalcedony) + carb + fine green chl (<3.5cm / 33° CA) @17.15 pale green epi-altered alaskite(?) 15cm / 25° CA @19.50 slightly vuggy core oxidized and fracs immediately above. @20.80 pass highly oxidized, vuggy carb-qz-chl vn, only brown sil remains @26.30 epi-qz vnlt 1mm / 25° CA w/ 1cm epi alt° halo. @28.00 qz-epi vn/vnlts 1.5cm / 44° CA 28.60 - 35.20 mod-strong epi fracturing w/ narrow vnlts and alt° halos.						
		33.45 - 33.80 bleached, altered zone, wk potassic, epi fracs + frac plane w/ minor gouge ~ 10° CA							

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	35.20– competent core, wk prop, chl, carb incr. xenos of AMDS/DIOR up to 10cm wide @39.30 7cm section of almost pegmatitic texture on one side of core; assoc w/ strong epi fracs.	49.05-49.90 oxidation zone w/ arg. alt^{n} – oxidized joint? vuggy with abund lim.	@50.05 qz flooding/bx around xenos w/ local epi fracs, pinkish "potassic" qz. @54.05 shear w/ vnlts and dissem py ~5% 54.15-54.20 oxidized joint (?) vuggy, limonitic, both @ 55°CA. @58.25 purple hem-carb frac w/ dissem py in "halo" + dissem in va/frac, vnlt ~2mm wide. 61.50-74.40 increased shearing in core GRDR w/ v. wk folⁿ, narrow vnlts and dykes w/ zones of strong shearing by epi+chl ± qz (Probable start of King Canyon Fault.) @64.40 epi-chl-qz shear 1cm/55°CA @65.35 qz-carb-chl tension fill vn, 2-4mm wide					
	66.50-67.10 minor bx GRDR, arg. alt^{n}, fragmented + healed w/ qz.	@67.70 strong epi fracs w/ epi + arg. alt^{n} halo ~20cm wide/ 60°CA	69.-69.20 Strong shearing (carb-hem vnlts-purple) + musc/seri and qz wk bx.						
	74.40-75.65 pale pinkish to red, highly sheared bleached core w/ minor chl (<5%) QZM2? abund qz+fsp, contacts are sharp, sheared, irregular.; chalcedony (brick-red colour) @ upper contact; sheared alaskite dyke?								

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
75.65-76.25	Bx'd, sheared GRDR (pink-red purple low angle bx)								
76.25-93.20	RHDC to RHYL; med brownish-green, v. fn grained and competent; porphyritic w/ fsp well-developed to ragged and altered - probable sanidine (p.ut) fsp. 85.20-86.45 no phenos, fn-med-grained w/ chl stringer, generally oriented at low angles to CA (5-20°CA) - may be sheared. 91.60-93.20 phenos decr, lighting banded core (~35°CA)								
93.20-94.75	GRDR								
94.75-96.20	RHDC/RHYL, bx'd (weak) @ UC. abund carb fracs, minor hem on frac sfcs, LC is darker, grey rich-grey, almost andesitic								
96.20-120.51	GRDR - competent, equigranular. Very fresh looking, xenolithic	wk prop, chl alt^n 104.90-105.25 Oxidized zone w/ oxide in fracs, strong (lim+hem)	@105.00 qz sx vn in oxidized zone vuggy w/ oxide on fracs. Py + aspy disem in vn ~ 10% combined; frac sfcs w/ red-brown Fe-oxide, also black oxide, pass As-oxide Vn is 5mm/55°CA, py halo up to 3cm wide — POSSIBLE TAXI ZONE VEIN (SIMILAR CHARACTER)							
	106-106.80 Finer-grained (sheared) GRDR.	106.00-106.80 v. chl w/ minor carb stwk and frac'd/faulted core w/ lim+hem staining @106.30	Carb vnlts, 1-3mm/55°CA.						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	113.35-113.60 Fine-grained, sheared, sil-rich 114.30-114.85 Sheared GRDR, epi frac's. 115.00-115.85 Sheared GRDR, poss ANDS? but appears too crs-grained ~ 50°CA [Reduce to NQ @ 114.91 m]		109.45-109.90 Foliated GRDR ~65°CA 117.40-117.85 oxidized vn/frac along CA w/ py+lim (v. narrow) @118.50 narrow carb-qz-magn vnlt. 1-2mm/10°CA, x-cut by epi selvld carb-chl vnlt, 3-4mm/55°CA -below vnlt, v. fn grained, "diuntic" texture						
120.51-120.87	RHYL dyke, pale-pinkish brown, spherulitic, white.	chalcedony alt^{n}, epi fracs. Spherules cored by chl ± epi	@UC 40°CA @LC ~50°CA						
120.87-122.35	GRDR								
122.35-123.65	RHYL dyke, spherulitic, as above, Spherules foliated 50-65°CA.		@UC 50-60°CA @LC 45-50°CA						
123.65-130.05	GRDR, med-grained, locally fine grained	Chloritic							
130.05-131.05	QZMZ? HORZ? , pinkish, qz-fsp rich w/ minor chl. Small vugs in core; poss-weathered out carb.		@UC sheared 55°CA Stibnite dissem throughout, poss aspy - 5-10% cubic to slightly acicular. @130.50 qz vn frac-fill + Sb/As? @LC ~55°CA						
131.05-131.70	RHYL, spherulitic, sheared UC/LC		@ contacts, slightly chalcedonic Banded spherules 65°CA @LC 60°CA Sb/As? near contact. patchy disseminations (not sheared)						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
131.70-221.25	GRDR, competent fine/med grained Localized crs-grained phases of GRDR. w/ 2-4mm qz-fsp+chl grains 149.80-149.00 large ANDS xenol (70-25cm)	chloritic w/ wk epi 157.00 → incr. wk potassic alt^{n} of fsp., slight incr in prop alt^{n} intensity 166.35 Mod-strong oxidation of core, bright yellow-orange limonite/jarosite patchs from 167.95-168.15, also localized on frac sfcs.	@148.12 shear, chl-epi 157.50-157.65 Broken faulted core? epi shear texture. 166.35-166.80 Br & chalcedony vn w/ lim gouge & lim alt^{n} into w/r vuggy where carb gone, v. soft. gouge w/ qz frags, Vn ~ 7cm/45°CA Core more frac'd from this point. @169.35 frac'd, gouge						
	170.50-170.70 Porphyritic GRDR, large rounded fsp up to 1cm 170.70-171.55 V. fn grained sheared GRDR		@171.55 qz-carb vn w/ v. dk brown alt^{n} mineral (Fe-carb?), reacts vgorously w/ HCL; broken core @ vn 4mm/55°CA 171.95-172.15 v. broken core, v. gougy. 171.40-174.80 v. broken core, dark sheared GRDR frags. @176.40 frac'd core, dk sfc coating w/ malachite @176.30-176.40 qz vning, one vuggy, other w/ patchy dissem py ~5-10% 176.58-176.80 py vnlts., broken cor. 177.00-177.70 [4960] qz vnlts + py vnlts, oxidized w/ red hem/lim, vns up to 10mm w/ py; w/r highly frac'd and filled w/ py. 179.40-180.90 frac'd core, mod carb vnlts. wk oxidation						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
		181.20 - 187.50 v. strong, epi-chl alt^{n} of core esp from 182.20-187.50 182.50 → mod-strong epi-chl alt^{n}, hailine frac'd w/ epi.	180.90-181.20 SX-QZ BX, 60-70% sx (aspy, py, gal, sph), oxidation of py along fracs, UC/LC ~ 75°CA, some clay/(epi/ser) alt^{n}; contacts sharp and oxidized. (PASS SECOND ZONE) @182.60 qz-sx veining w/ abund py and lesser galena; series of close-spaced vnlts over 5cm probable sph± aspy, ~65°CA @183.40 carb-qz-sx vn w/ py, gal, sph. aspy, cpy; epi along selv., ser alt^{n}; discontinuous & irreg. bx, but low angle to CA, ~2mm. 185.55-185.65 oxidized fragmented core fault/joint @188.00 oxidized gouge/fault, yellow lim/jarosite? w/ qz-sx vn/bx, ~1cm; py+gal ~50%						
	GRDR texture, almost obscured in areas w/ strong prop+ chl alt^{n} and wk-mod potassic. fsp rim be seen, mating appearance porphyritic 202.15-202.50 crs-grained GRDR.		@192.15 frac'd core 196.25-196.40 oxidized frac'd core @197.80 carb vnlt, white 2mm/60°CA						
	203.80 — Crs-grained GRDR w/ localized epi-chl shears and FANDS xenos up to 20cm magnetic	Mod prop. Mod-strong chl wk-mod potassic	@201.65 shear, broken core below ~20cm 202.95-203.07 Vein 9cm/50°CA, "smoky" qz w/ abund epi-filled fracs. 203.50-203.80 Frac'd, faulted core; fracs down CA w/ minor gouge matl						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	210.05-210.45 ANDS frag, does not cross core completely., dark green fine-grained.	211.50-215.70 moc potassic	@211.30 epi shear/frac zone.						
	@216.45 ANDS frag? w/ epi on contact. (LC)		@214.45 epi-shear/frac sfc, offset by frac 2cm						
	217.00-219.20 ANDS.		@218 strong epi-qz-chl shear ~40°CA						
			218.30-221.65 core softer, more broken w/ fault @ 220.10-220.40.						
221.25 - 223.30	ANDS								
	221.85-223.30 v. broken.								
	(Start of Kuhn Structure)								
223.30 - 235.92,	GRDR		@223.50 Faulted, broken core, strong shearing throughout w/ fairly regular spaced epi shear zones ± gouge ± Sx (rare), minor veining, generally carb + chalcedony, open space filling, textural veins						
	226.80-228.35 Pale bleached GRDR		@227.60 qz-carb-sil-chl Sx VN 1.5cm/30°CA, ~10% patchy dissem py						
			@228.55 strong shear w/ gouge + carb + chalcedony ~48°CA						
			@229.30 purple red hem-carb in carg w/ local carb VN, irreg, pinches out) ~85°CA						
			230.65-231.34 Fault, v. broken core.						
			@232.00 qz VN w/ chl selv + carb/hem; sheared ~35°CA, 2cm wide, v. rare Sx						
			@232.85 similar VN to above 2cm/40°CA						
	233.10-234.25 ANDS, sheared, faulted. Bx'd w/ carb stwk (tension fill)		233.50-233.60 v. ggy carb VNs w/ chalcedony						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
			@233.90 gouge w/ carb vning; fine dissem cubic py						
			@234.15 carb vn 1cm/30°CA w/ py along selve in w/r.						
	234.25-235.92 Sheared GRDR v. broken, gougy @ LC, UC also broken 3-5% patchy dissem py.		234.20 5x vnlts, ∥ to vn above; 10-15% py, poss sph in qz-carb "matrix" ~20°CA / 2cm wide.						
235.92 - 238.81	RHYL dyke w/ 5x vnlts (dark grey) fairly random orientation; some oxidized frags.		Fine-grained py ~5% overall, locally up to 10%						
			@236.08 dk grey narrow shear/DX w/ carb frags 12mm/65°CA						
			237.61-237.85 Wk qz-5x DX w/ mostly carb + dissem fine py, poss asPy.						
238.81 - 245.70	HLBX, generally green matrix w/ variable frags of GRDR, RHYL (incl. spherulitic) and ANDS healed w/ qz-ccrb-chalcedony. Localized zones of RHYL w/ 5x vnlts + vns.								
	239.70-242.06 RHYL w/ 5x + occasional vuggy chalcedony vns; up to 20% 5x, dominantly py w/ poss tr. gal + sph.		@243.30 Large carb vn, no orientation. 1.5-2cm wide						
245.20 - 245.95	RHYL bx w/ 5x (~10%) with dark grey fine-grained vnlts - poss gal.								
245.95 - 246.45	HLBX / BX GRDR								

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
246.45 - 247.15	Dark grey HLBX		246.45-246.75 Qz-sx-bx, fine py+ aspy? and gal?, fairly wk intensity Foliation of bx ~40°CA @ 247.10 ; 7cm black amorphous mineral, massive						
247.15 - 247.90	BX GRDR, v. strong intensity		Minor py, frac'd.						
247.90 - 250.35	BX, matrix supported, light grey, v. soft, UC faulted and gougy. Poss RHYL, partic toward end of interval		Minor dissem py. (<1%)						
250.35 - 250.70	Banded RHYL w/ sx vnlts, py+gal, poss aspy., highly frac'd.								
250.70 - 251.40	BX'd RHYL, soft core, highly frac'd.								
251.40 - 262.70	RHYL, variably banded to locally bx'd., banding ~40°CA, mod dissem py (cubic, patchy, evenly dissem <1%) Local sx vnlts w/ gal(?) + py. 259.35 - 260.20 ANDS(?) gradation for RHYL-ANDS; mod carb-qz vnlts, fine-grained, med-dk grey		254.20 - 254.50 Strong bx w/ RHYL + qz + fsp in light to med grey matrix.						
262.70 - 264.30	GRDR, strongly bx'd, pale greenish, similar colour to RHYL but coarser texture.		Carb vnlts, frac-filling, down CA, rare sx vnlts.						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
264.30 - 275.25	GRDR, bx'd to sheared.		@UC fault gouge Abund qz veins to 264.70, vn disrupted w/ grey gouge + dissem py + gal = aspy(?) 1cm/50°CA, fault gouge plane is parallel						
	264.30 - 268.30 strongly sheared	264.30 - 268.30 GRDR texture obliterated w/ mod propylitic, wk-mod argillic and chl alt^n numerous sub-mm carb vnlts.	@267.95 narrow carb-hem vnlt w/ py						
	268.30 - 275.25 less sheared, med-crs grained	268.30 - 275.25 mod-strong chl, wk arg, wk-mod prop.	270.05 - 270.45 low angle hem-carb vnlts w/ py, 5mm/25°CA + 3mm/20°CA + 2 discontinuous, irregular, white carb vns ~2-3mm/50°CA						
	@273.45 bx'd or porphyritic(?) GRDR.								
275.25 - 276.10	ANDS, frac'd, sheared w/ relatively abundant carb tension-fill vnlts, irregular and discontinuous.; also minor chl vns and purple hem-carb vnlts and patches.	chl - mod carb - mod-strong.	@UC 30-35°CA @LC ~35°CA, opposite orientation to above						
276.10 - 300.53	GRDR, med-grained	mod-strong chl wk-mod prop wk potassic	wk dissem cubic py assoc w/ hem alt^n						
		zones of hem (red/purple) alt^n partic @ 277.70, 279.30 and 278.65-278.85	287.65 - 288.10 sheared w/ carb+chl vnlt and zone of strong epi over 9cm, ~45°CA @290.27 Fault gouge ~5mm/45°CA @290.60 Pale GRDR (silicified) w/ 1mm py vnlt ~80°CA. @292.70 epi stringer ~5mm/20°CA						
		~290 - 293 propylitic alt^n banding							

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	296.70 - 300.53 mod-cis grained GRDR typical HW GRDR	296.70 - 300.53 mod propylitic - banding, wk-mod chl 296.70 - 297.05 mod-strong. pervasive propylitic alt^n around 2-3mm qz vnlt w/ py in vn and patchy dissemination in w/r.	293.65-294.65 core frac'd down CA, forming long "spears", fracs ~ 5-10° CA 295.75-295.95 core frac'd as above.						
300.53	END OF HOLE								

APPENDIX V

DIAMOND DRILL LOGS

b. 1997 Relogged Drillholes

TV - Logged
08/23/01 - 08/29/01

Omni Resources / Trumpeter Yukon Gold

Diamond Drill Core Log

Hole # RG97-1

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au ozt	Ag ozt
0	3.05	CASING.															
3.05	53.04	Moderate [illegible] alteration, variably [illegible] ground. Chl-ep[illegible] common; wk → moderate [illegible] ~ 1 cm); occasional xenolith (dk green fn grained)															
		4?? (3.66—4.97 Core [illegible])															
		@ 7.20 qz vn: 5mm – 1cm wide, 40° CA. [illegible]															
		@ 13.05 Fault 5-10cm, heavily ground core.															
		13.71—14.4 Frac'd blocky core, breaks @ 45° CA															
		@ 15.5 Small 4mm qz vn 85° CA															
		@ 16.1: Small 4mm qz-cc vn w/ py dissem [illegible]															
		@ 17.4 [illegible]															
		22.2—22.8 V. broken core, some ground															
		@ 25.8 qz cc vn w/ chl ep[illegible] 45° CA															
		@ 26.1 qz-cc-chl-epi zone, ~ 10cm wide w/ tr. py															
		@ 26.65 – 27.1 V. Broken core, some ground															
		28.4 - 28.65 Zone of fine cc veinlets in rich ep[illegible] alteration, low angle to CA (~ 20°)															
		Prop alteration incr to fairly strong, incr occurrence of ep[illegible] to local large clots/veins ~ 1cm wide															
		32.85 – 37.1 Incr ep[illegible], core bleached w/ ep[illegible] stringers. Ep[illegible] green 1-5mm veinlets. Many small microfiber filled veinlets															

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

Omni Resources / Trumpeter Yukon Gold

Diamond Drill Core Log

Hole # RG97-1

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au ozt	Ag ozt
		(cont'd) andesite w/ epi															
		37.1 - 37.35 - Heavy alt'n / shear w/ abund chl-epi chrysotile, some cavity gouge.															
		Gouge clay, shearing [illegible]															
		[illegible] core due to shearing															
		@ 38.25 large clot of chl-epi															
		37.65 - 37.8 sm fit / sm vnl, slightly oxidized + DX'd															
		@ 39.35 cc + oxidized lm? / hem? vnlts, discontinuous and pinch and swell due to small chl frac offsets															
		@ 39.95 fit + 5cm vein, oxidized 30-40° CA															
		40.2 - Magn in core (check), local 5mm magn/qz vnlts ~ 20-30° CA, pinch and swell															
		@ 40.9 qz-cc-hem-magn(?) vnlt 50° CA, 5mm bxl pockets ea!															
		@ 41.0 2.5cm pale pink qz-hem-cc vn. wl sm. cross cutting chl-epi frac's															
		@ 41.95 4mm braided chl-epi stringer 30° CA															
		@ 42.9 1-1.5cm braided / bx'd chl-epi vns. w/ local qz flooding (?)															
		@ Continued patchy qz w/ chl-epi + magn															
		43.9 - 44.0 Broken core - fault?															
		@ 44.8 Fine grained shear, v. chloritic + epi															
		45.3 - 45.4 V. fn grained green - pass RHYL? fragmented, on one side of core.															
		45.5 - 46.1 Oxidized zone of broken core - fault															

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

Omni Resources / Trumpeter Yukon Gold

Diamond Drill Core Log

Hole # RG97-1

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		@ 46.1 blue grey qz-cc vn, no distinct margins, increasing py mineralization (<1%)															
		@ 47.1 6mm-10cm qz-epidote vn w/ disc py in vein (up to 1mm), 15° CA. Py also occurs in wallrock up to 1%															
		@ 49.3 Frac'd, brec. qz-cc-epi-chl vn? w/ 10% disc py, 1-2cm wide															
		@ 48.8 Frac'd core.															
		@ 48.6 5m 2-3mm cc-qz vn 4 ~20° CA offset up to 2mm by chl filled frac.															
		(Below 46.1 py mineralization ~1% of rock, locally increases in small veinlets & vn margins)															
		@ 51.9 qz-cc vein vn ~40° CA. Frac offset of 5mm between vn.															
		52.75-52.8 Frac'd broken core @ low angle to CA (~20°)															
53.04	65.86	Mod to dk green-grey porphyritic andesite dyke. V. fg grained chloritic groundmass w/ ~10% white lagged fsp phenos - randomly oriented, recrystallized to seri? Upper/lower contacts sharp 35° CA. Lower contact w/ small zone pink hal alteration along CA of contact.															
		54.5 V. low angle frac w/ powdery cc infillings															
		59.1-59.8 Few to no phenos, Silicified increased chl + epi (shear?)															

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

Omni Resources / Trumpeter Yukon Gold

Diamond Drill Core Log

Hole # RG97-1

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		59.8 - 65.85 Phenocrysts decr, lower (up to 7mm, many ghosting, chl ± epi pervasive v. rare qz (vn?)															
65.85	112.10	Mod to strong propylitically altered CRYSP, crs to med grained															
		@ 67.7 1cm qz vn 20° CA w/ v. fine chl, silic + epi in vic locally v. strong. Vn shows 2 offsets of 5mm and 2cm minor hem in vn															
		(@ 69.85 Reduce to NQ)															
		70.6 - 75.9 V low angle fractures, cc ± qz ± py vns V fine chl + epi alteration															
		@ 72.45 qz-cc vns (2) w/ ~2-3% py, clots margins; 20° CA; some extremely fine py disem py															
		@ 72.9 blue-grey qz-cc vn w/ py frac filling some fractures of walls.															
		@ 75.75 3mm pink/white cc-hem-sulf vein w/ 10% py disem in vn															
		@ 82.4 5cm frac zone, brecc, cut, 5m 3mm qz-cc-chl vn															
		83.1 - 83.55 Frac zone, low angle fracs. @ 83.1 Rich clot of epi + qz. @ 83.5 Low angle qtz vn, 3mm 35° CA															

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

Omni Resources / Trumpeter Yukon Gold

Diamond Drill Core Log

Hole # RG97-1

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		88.1 – 89.1 [illegible]															
		w/ qz vn @ 88.7 20°CA, [illegible] py to 2-5%															
		[illegible]															
		@ 92.2 qz vn [illegible]															
		93.8 – 96.8 [illegible] GRDR															
		@ 95.4 [illegible] 45° CA															
		@ 100.25 [illegible]															
		102.1 – 102.4 shear zone, incr [illegible] GRDR															
		107 – 108.4 Strong [illegible], light green															
112.10	114.50	Flow-banded [illegible]															
		Contact ~ 15° CA, [illegible]															
		spherules, bumped.															
		2-3% py disem															
		Lower contact ~ 20° CA															
114.50		Propylitic (mod) GRDR.															
		@ 115.20 qz-cc vn, w/ [illegible]															
		~ 20° CA [illegible]															
		@ 119.70 qz-cc vein 4mm 40° CA w/ [illegible]															
		@ 122.6 qz cc vein 3mm, 20° CA w/ 5% py															
		@ 122.1 5mm qz-cc vn 17° CA w/ [illegible] *															
		[illegible] py w/s w/ [illegible] chl-cp															
		123.6 – 124.4 [illegible] vein w/															
		chl shearing 15-25° CA															

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

Omni Resources / Trumpeter Yukon Gold

Diamond Drill Core Log

Hole # RG97-1

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		@ 125.5 qz-cc-py in 2cm wide vn 40° CA										XJW					
		@ 129.4 qz (grey) - cc vn w/ py (~3-5%) 1cm ~ 45° CA										XJW					
		@ 129.5 qz - grey / clear crystalline cc + chl + py (2-3%) 15cm 45-50° CA										XJW					
		@ 132.9 5cm qz-chl-cpy-cc-py vn 30° CA; py in [illegible] vn, [illegible] disseminated										XX					
		@ 134.7 8mm qz-cc-py vn w/ [illegible] ~+3% 15° CA															
		@ 137.05 2 [illegible] Hosts ~ 50° CA															
		@ 137.20 1cm 26° CA qz chl-c w/ 2% py (cubic?)															
		137.2 - 139.2 Zone of qz vns w/ disseminated py in rock & vns; py locally is 15%															
		@ 141.1 py vn - w/ qz, ~5mm, 75-80° CA															
		@ 142 dk chl patch, [illegible]															
		143.95 - 144.80 Zone of [illegible] cc qtz vns [illegible]															
		@ 150.1 qtz-cc-py vn, 35° CA 5mm wide															
		@ 152.8 black chl - qtz-cc vn w/ 1% py; 1cm, 30° CA															
		@ 154.85 qtz-cc vn 12mm, 47° CA															
		@ 155.85 qtz-cc-chl-epi - py + cpy vn, dk cc in centre surrounded by qtz w/ rich py (10-15%) and minor cpy 15mm, ~35° CA; offset by 1cm by small chl fracture										XXX					
		@ 161.25 Zone propylitic alteration of QZDR (mineralized) [illegible]															

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

Omni Resources / Trumpeter Yukon Gold

Diamond Drill Core Log

Hole # 12G97-1

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		@ 166.05 5cm zone of [illegible] qz-cc (py vn?)															
		w/ minor 5x patchy diss py															
		@ 168.25 1cm wide [illegible] qz-cc vn w/ ~5%															
		py, 35°CA Surrounding very strong sil alt'n										✓					
		168.7-169.4 Several py-qz stringers up to 3mm										***					
		@ 168.9 [illegible] qz vn w/ 20-25% py diss in vn															
		~3-4mm wide, 45°CA															
		@ 172.2 Several small [illegible] qz-cc vn															
		@ 177.5 7mm qz chl [illegible] vn, 25°CA															
		180.95-181.80 Fract'd core (⊥ to core axis) in chl, poss															
		br, small qz vein @ contact 4mm, ~25°CA w/ minor															
		py and cpy(?)															
181.80	184.45	Highly fractured [illegible] ANDS dyke. Fracs															
		marked by chl stringers. Many of which dog. Major															
		fractures are parallel w/ CA core axis often [illegible]															
		[illegible]															
		Upper contact ~30°CA (broken) Lower contact 35°CA															
184.45	185.45	Mod propylitically altered GRDR															
185.[illegible]	192.32	ANDS [illegible] above upper contact 35°															
		(contact is [illegible] w/ 2cm of GRDR separating zone of															
		[illegible]															
		@ 191.85 narrow qz-cc vn 45°CA															
192.32		Weak to mod Prop - silicic GRDR (as															
		[illegible]															
		@ 193.4 35cm dk br? zone w/ small offset (~5cm)															

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

Omni Resources / Trumpeter Yukon Gold

Diamond Drill Core Log

Hole # RG97-1

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au ozt	Ag ozt
		@ 198.7 small cc-qz vn cut by 2 small fract sets 1 to 3mm. Vn is 2-4mm, 75° CA															
		@ 198.9 discontinuous qz-cc vn w/ wallrock + vn and minor py, po (1-2%). ~2cm wide															
		@ 204.3 Vn/shear ~1cm wide. qz-cc-chl vn + py fracs, disseminated ~5%															
		214.9-213 Fine [illegible] CA cc-qz, minor py (<1%)															
		215.0-215.75 ANDS dyke, probably is CA [illegible] host core, [illegible] Minor py, cc vns ~1cm, 1%															
		218.0-218.4 Fractured [illegible] CA, abund. cc veins, minor py/po															
		@ 218.7 Core shattered. ANDS dyke appears along CA vein 219.1															
		220.15-220.8 ANDS dyke. Contacts [illegible] (to [illegible]?)															
		@ 221.9 Smear, 6cm, 35° CA, [illegible] chl															
		@ 224.8 1/ low angle qz vn w/ chl + py (1%) and asPy (1-2%). ~2cm wide										[illegible]					
		236.1-237.6 Zone of darker brown veins and minor qz veining. Less prop alt'n. QZ vns/vnlts w/ py, asPy? ± cPy?															
		@ 245.6 5mm, 25° CA qz-cc-chl vn w/ minor py															
		248.4-249.3 [illegible] silicified zone / hematitic alteration w/ minor qz-cc veins + various orientations. Diss py/cpy? up to 5% locally in veins and in host rock															

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

Omni Resources / Trumpeter Yukon Gold

Diamond Drill Core Log

Hole # RG97-1

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		@ 251.1 20cm zone of oxidation oriented ~ 40° CA, also w/ lots of silicified chl filled frac running down CA erratically; large offsets of 15cm. py - aspy? ~ 5% local, diss.															
		@ 252.1 dk chl vn. 8mm - 12mm wide 25° CA w/ aspy, py 2-3% diss in host rock (located v. small bright yellow mineral just under brown stn coated on core ext. - poss V Gold? — trace amounts of this mineral seen in host rock)										XXX					
		@ 255.5 [illegible] zone fracs/vns CA, as well as vnlt oriens CA @ ~ 25°, lt orange oxid to core over ~10cm Locally abund py + occ aspy?															
		255.5 - 259.8 - Weak to moderate oxidation of core, still mod propylitic alt, but increased lm/hem all of veins and sx? Py ± aspy ~ 2% but locally up to 5% disp. along fracs. Chl fracs from elevated strip Cavill" silicification of vnlts and host rock.															
		@ 256.5 py vnlt, diss oxidn py - 1mm wide locally diss. along vnlt															
		@ 258.8 numerous low CA cc vnlts w/ lm/hem oxidation + conical 5mm py vnlts; dk hairy fracs but weak; py ~ 2-5%															
		@ 259.5 discontinuous py vn w/ dk chl?, highly fracd py ~ 3%															
		259.8 - 262.15 Prop altered GRDR - no oxidation															
		262.15 - Increasing oxidation (lm/hem) of rock; contains a sheared vn @ 262.65															
		@ 262.15 Qz vn 1cm 20° CA w/ sheared, ox wall rock, fracs along lower vn margin w/ minor gouge															

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

Omni Resources / Trumpeter Yukon Gold

Diamond Drill Core Log

Hole # RG97-1

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		(cont'd) py locally to 5%, ~ 2% w/n vein										↓					
		Oxidation begins to weaken @ 264.4 and															
		is occassionally absent until 267.05 where															
		increases to mod or alt, becomes strong by 269.3															
		@ 270.55 narrow py qz vn/frac, up to															
		3% py.															
		(Start of historical sampling @ 269.60 m)															
		269.90 → 276.31 Heavily frac'd altered core,															
		(potassic?) oxidized, probable start of fault															
		zone w/ previous oxidation described indicating a															
		"halo"															
		@ 273.65 5m qz vn ~ 4mm, 20° CA w/ py dissem.															
		Locally in w/r. poss gal(?)															
274.40	275.30	RHYL dyke, flow banded, pale green to tan															
		w/ patchy disseminated py + asp?															
275.30	276.30	BX'd GNDR - potassic alt'n (?) w/ abnd qz-cc stringers															
		v fn dissem py.															
276.30	284.60	RHYL dyke, fn-grained, v. frac'd, ~ 1% dissem															
		py clots to 1mm; weak flow banding															
		locally v. frac'd to gouge.															
		282.85 - 283.7 RHYL is brown (oxidized?) w/															
		fine network of cc stringers and frac vnlts.															
		@ 283.25 dk vnlt(s) w/ abund v.fn dissem py															
		(~5%) 2-3mm wide ~20° CA															
		@ 284.60 Fault gouge.															
284.60	290.9	(Sample zone) Difficult to distinguish lithology, may															
		be brec. short zones of GNDR & RHYL dyke material															

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

Omni Resources / Trumpeter Yukon Gold

Diamond Drill Core Log

Hole # RG97-1

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		(cont'd); Very fractured, locally up to 10% py.															
		@ ~284.1 qz vn? or silicified zone of GRDR															
		rich zone of py; qz is dk blue grey; trace															
		aspy & gal(?)															
	*	((RHYL dyke probably continuous from 284.6-288.5															
		but becomes bx'd GRDR))															
290.7	293.45	HETEROLITHIC BRECCIA - dk grey matrix w/															
		various crystals and clk frags from 2mm															
		up to 5cm. Occasional blue-grey vn frags															
		Dissem py throughout ~1%.															
		@ 292.9 - 292.3 cc vns ~20° CA, brown															
293.45	295.0	Sheared, bx'd GRDR.															
		@ 293.75, strong but narrow shear w/															
		narrow qz-cc vnlt w/ py & cpy (~15° CA)															
295.0	298.15	Heterolithic breccia															
		@ 295.3 2 pieces of vn frags w/ py + gal?															
		blue-grey qz frags ~ 7mm															
		@ 295.7 diffuse blue-grey qz w/ rich py															
		+ gal (or poss moly) bluish-grey.															
298.15		Brecciated/sheared GRDR; strong prop alt^n															
		(Sampled area @ contact to 303.30															
		Upper contact is irregular & brecciated															
		w/ small qz-cc-gal? or moly? vnlt															
		running ~ 5° to CA or II															
		@ 301.55 cc-chalcedony vnlt ~ 45° CA															
		locally rich py, cpy and gal?															

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

Omni Resources / Trumpeter Yukon Gold

Diamond Drill Core Log

Hole # RG97-1

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		(cont'd) 304.6 – 305.1 Strong shear w/ cc-qz-chl – epi vns @ low angle to CA. Zones of blue-grey qz yield >15% py + gal? ; veins up to 1cm but pinch and are discontinuous.															
		@ 307.05 Ductile shear zone 4cm wide 35° CA, rich brown chl, stringy w/ qz frags.															
		@ 305.90 Pinch patch of py															
		@ 307.50 Irregular cc vn w/ cavities															
		314.85 – 315.25 Fine-grained or silicich zone of GRDR. (poss. RHYL dyke). Upper contact ~ 17° CA. Vuggy cc vnlts, irregular.															
		@ 315.0															
		(Historical sampling starts @ 316.45m)															
		316.45 – Continued GRDR w/ incr. sx content, particularly ~ 323 m. Incl py on fracs, bx qz vn w/ py + aspy + gal.															
		@ 325.7 qz vn bx w/ sx py, gal? aspy qz is blue-grey.															
		326.7 – 327.7 - Qz vn w/ good sx. (py, gal, aspy.); vn v. close to CA.															
		@ 328.8. Qz-sx vn 8mm, 25° CA w/ 20% py 10% gal															
		@ 329. Locally abund sx in vnlts (py, gal)															
		328.3 – 329.60 Probable RHYL dyke w/ sx vnlts of py, gal, aspy.															
		329.60 – 335.05 Bx'd GRDR.															

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

Omni Resources / Trumpeter Yukon Gold

Diamond Drill Core Log

Hole # RG97-1

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
335.05	336.95	RHYL dyke - 5% vnlts.															
336.95	344.65	GRDR - weak prop. alt^{n}															
344.65	347.65	Heterolithic breccia															
		@ lower contact, py along contact foliation w/ chl															
347.65	351.10	RHYL dyke (?); occassionally greenish closer to ANDS (?). V. frac'd, broken core. 347.75 - 348.30 ground core to & small frags. @ 350.1 crossing py vnlts @ low CA angles + chl seams down core axis w/ localized qz bx + py ± gal ± aspy. Core very broken															
351.10	355.80	GRDR? sheared, bx'd, frac'd w/ 5x. @352.30. 4mm 50°CA qz-5x vn. - 5x along vn margins; also cc; 5x (py) ~ 40%.															
355.80	359.40	HLBX, locally abund py; bx runs almost ll to CA @ 356.4 small 3mm cc vnlt ~ 39° CA. w/ trace gal and py 356.90 - 357.15 abund fine dissem py															
359.40	364.20	BX GRDR. (approx lower contact) 359.65 - 359.9 Crushed core to gravelly rubble															
364.20	367.55	QZ-5X BX Network of fine gal ± py ± aspy between qz frags. 15-20% gal, 5-20% py, 2-10% aspy															

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

Omni Resources / Trumpeter Yukon Gold

Diamond Drill Core Log

Hole # RG97-1

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
37.55	372.15	Fine grained, sil-rich, chl-epi altered, brownish-green, locally highly fractured Poss sheared GRDR (or ANDS dyke?) 368.4–369.4 Frac'd zone - FAULT. @ 370.7 ductile shearing of chl-epi ± qz ± cc															
		@ 371 qz+cc-chl-epi vn w/ epi alteration halo ~18° CA 1cm wide															
		@ 372.15 sharp contact w/ GRDR below Contact is qz+cc+chl-epi vn ~30° CA 6-8mm															
372.15	380.70	Med grained weak propylitically altered GRDR w/ few andesitic? xenoliths (rounded) Weak potassic alt° localized around epi-chl fracs															
		@ 368 5cm zone of potassic alt°?															
		@ 377.55 Rich epi w/ potassic alteration (aplite dyke?)															
		377.85–378.05 Poss aplite dyke; strong potassic alt° in wall rock (1.5-10cm)															
		380.65 → FAULT hole ends in an aplite dyke															
	380.70	END OF HOLE															

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

CME

RELOG

Project name: SKUKUM
Project #: CP50A
D.D. Hole #: RG97-2

Length (m): 445.98
Grid: KUHN (RIDGE)
Dip: -78°
Azimuth: 351°
Core size: HQ/NQ

Contractor: CARON
Northing: 6670690.17
Easting: 477367.76
Collar Elev.: 1776.48

Hole survey type: SPERRY-SUN
Started:
Completed:
Re **Logged by:** Ted Jandewerd
Date logged: Sept 29/01
Oct 04/01

Depth	Dip	Azimuth

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0 - 9.19	CASING/OVERBURDEN / MISSING BOXES 1 & 2								
9.19 - 59.05	G2DR - generally fresh G2DR med grained equigranular.	U. wk propylitic alteration of the amphs + mafics							
		34.7-37.40 incr. chl, minor epi, slightly finer grained G2DR w/ minor carb-hem vnlts	37.70 - 44.50 broken core, weakly oxidized and sheared, mafic @ 39.3 - 40.5.						
			46.95-47.65 Zone of alt^ around 92 VN @ 47.65 1cm/30°CA w/ abund py + poss cpy + gal. Pyritic, altered wallrock						
			@ ~ 53.10 shear? completely arg. altered G2DR (seri, lt green), 43°CA ~ 9cm wide						
59.05 - 69.80	ANDS, dk green grey, massive, homogeneous, porphyritic, ragged fsp phenos	Carb altered phenos wk - mod chl							

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
68.80 - 84.60	GRDR. (as above)	77.50 - 80.50 mod to strong propylitic w/ local argillic alt^{n}, grnr is greener, soft 80.70 - 81.35 clr core w/ prop alt^{n} bands 81.35 - 84.60 ↑ green colr, abund epi, qz, carb	77.35 - 78.00 Shear Zone (?) fine-grain, few qz-carb vnlts. @ ~85°CA 77.50 - 80.50 Fractured and altered						
84.60 - 88.60	Finer grained intrusive, more qz + K-spar, less mafics - GRNT (?)		88.15 - 88.60 Abund fines (chl) hairline, dk green.						
88.40 - 89.40	RHYL dyke, spherulitic, dissem py cubes. Spherules white, banded Bp. Irreg upper/lower contacts tent ~ 25°CA								
89.40 - 157.75	GRDR	@91.45 argillic (strong) steen zone w/ qz ~ 10 cm wide	99.50 - 100.00 series of chl stringers/vnlts +/- qz 2-5mm wide / 35°CA 101.25 - 101.40 Sheared, mildly vuggy, soft w/ fragmented narrow carb vn. @110.85 qz-carb vn w/ sx. py + ~~Spht~~ sphal (?), poss gal. 5mm/20°CA Footwall fract'd. @117.75 massive ~~Sphl~~ magg + cpy vn minor assoc epi + chl 1.5-2cm / 30°CA						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	126–157.75 Crs grained GRDR	Wk propylitic banding	121.90–126.00 Altered GRDR w/ locally abund py mineralization: dissem & vn/frac associated @ 129.30 offset "kink fold"? vn w/ poss sph. 3mm/33°CA w/ epi in ctr of vn 132–132.30 pyritic GRDR, frac's cross-cutting, chl-ep' alt'n @ 133.20 carb-qz vnlt, 5mm/85°CA w/ local py dissem + poss sph. @ 133.35 10cm py zone (.2% py) in arg(?) altered GRDR. @ 136.75 py/qz vn? py zon ~ 3%. @ 140.30 carb-qz vn 5mm/35°CA @ 141.90 2mm qz vn w/ 2cm alteration in w/r.; 15°CA. dissem py in vn and vn margins						
		144.80–149.6 Propylitic banding 154.40 Core lighter w potassic alt'n (wk-mod) Increase w depth to massive qz-carb vn where core soft, vuggy, pale green, ends @ contact w ANDS.	@ 156.35 Carb-qz vn, bx'd, 5cm/60°CA						
157.75–162.30	ANDS, green grey, massive, homogenous porphyritic w/ rel. abund fracs w epi-qz-carb alteration		Locally abund py & rare cpy (@ 159.90) and mag.						

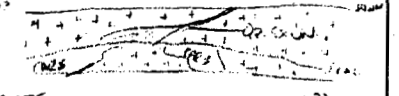
From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
162.30 – 277.70	GRDR	Wk to mod propylitic alt^{n} – bonded 165.50–165.75 mod potassic alt^{n}

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	(GYRDR cont'd)	193.35 - 194.60 mod-strong propylitic w/ shear @ 193.80 194.60 - 213.30 mod-strong propylitic 213.30 - 217.40 strong propylitic 217.40 - moderate propylitic	@197.40 qz-py-magn vn 1.5cm/35°CA @197.45 py vnlts @198.05 similar vn as @ 197.40, 1cm/40°CA w/ qz+py, no magn, pass tr. gal @200.95 qz-carb-py vn @202.05 qz-carb-py vn ~80°CA @220.80 shear, wk bx/cataclastic) ~10°CA @221.00 qz-carb vn/shear, minor py. 1cm/60°CA @222.80 xenolith - ANDS? 231.20-233.20 series of qz-carb shears w/in wk arg. alt° zone w/ abund frac-controlled py (2-3%), esp @ 231.70 (assoc w/ qz) 232.81-233.20 broken core w/ py on frac sfcs. 238.20-238.90 pyritic zone 245.65-246.15 pyritic zone. [table: 231.10-246.15 is generally higher py content, frac-controlled w/ localized argillic alt° assoc w/ pyritic fracs] @248.60 qz-py, wk bx?, vnlt ~8mm. @249.45 qz vn 3-5mm/20°CA, sheared, minor py w/ epi-chl alt° halo. up to 5cm from vn. @250.80 epi shear @254.80 magn patch w/ pass sph						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	(GRD:2 cont'd)		258.50 - 258.95 pyritic zone ~3-5% py. 258.95 - 260.05 decr py to 2-3%, dissem and frac-controlled. 261.55 - 261.75 Altered py zone (org?) w/ shear approx ⊥ to CA, minor gouge, v. narrow @ ~264.00 cons frac's down CA. @ 271.60 - 272.10 altered w/ purple carb-qz vns and minor py; vns ~ 5mm and ⊥ to CA. Good frac affect at 3.5cm in one vn. Frac is low angle to CA.						
		272.10 - 275.73 incr. argl alt'n (musc+seri) to vn @ 276.60.	@ 272.60 qz vn, massive, wht, minor cubic py dissem.						
277.70 - 278.55	ANDS dyke, med green-grey, fine-grained w/ numerous hairline carb fracs + epi								
278.55 - 316.30	GRDR	Mod propylitic alt'n, banded Mod chloritization of matics	@ 282.45 dyke - alaskite?, aplite? 1.5cm/65°CA. @ 287.05 qz vn w/ dissem py ~10-15%, cubic py; 3mm/20°CA @ 289.40 qz-carb vn, minor py, 5mm/17°CA @ 292.05 epi + potassic alt'n, post dyke.						
		292.2 - 303.35 wk propylitic	@ 294.70 chl stronger, 20°CA.						
		303.35 - 311.00 wk-mod propylitic	@ 300.10 carb-qz-chl-hem vning, fine dissem py 3-5%.						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	311.00-311.25 ANDS dyke fragment 312.00 - 312.35 ANDS dyke fragment.	311.00 -316.30 mod propylitic							
316.30 - 321.13	Banded RHYL, tan → pale brown,	wk alt^n - chl	Banding is 31°CA 1-2% py cubes disseminated through the rock, some concentration along bandings. Associated with blue-grey mineral - does not appear metallic @ 320.5 brecciated over 10cm milled frags, v. little matrix, core broken						
321.13 - 330.60	GRDR as above numerous fracs - brown hairline chl w minor py.	Mod prop alt^n Chl - occ argillic Mod to strong potassic alt^n	@ UC argillic alt^n, mosc flakes up to 2mm @ 322.45 shear 15cm / 60°CA strong chl, carb 323.70- Sheared GRDR w/ local bx^n and some open space filling textures of carb & chalcedony. Py up to 5% locally, fracture related @ 329.05 Opl, ± sphal in shear. v. green.						
330.60 - 353.30	RHYL, banded, greenish - tan, pyritic		@ UC 33°CA Banding ~ 27°CA to parallel to CA						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
333.30-33390	GRDR.								
33390-3347	RHYL or RHDC. dk-l grey brown fine tapiral RHYL, fine-med grained.		@ UC 85-75°CA Minor vnlts, fracs, rare sx						
334.25-335	GRDR	Potassic alt'n - mod -> strong.	Sheared & bx'd GYRDR, minor carb-qz vnlts, assoc py w/ vns & vnlts @ UC ~ 55°CA. along fracs, purple mineral, poss fluor or hem/carb						
335 - (351.8)	RHYL pale green, banded 337.00 - bx'd, very soft, carb-qz alt'n -		@ 337.00 core very broken, poor recovery in RHYL - (start of sampling) - RHYL contains up to 5% disem py w/ trace galena,						
(351.30) -	Sheared & bx'd GYRDR Abund carb open space filling vn's in random orientations though generally low angle to core axis. Qz "eyes" in GYRDR.	Mod potassic alt'n Mod prop alt'n Chalcedony & carb infill open spaces from bxg Some clay alteration assoc w/ bx	@ 357.65 qz vn w/ py + gal lower portion offset out of core 8mm/44°CA; local patchy disem py in w/r area assoc w/ qz-carb vnlts @ 359.10 qz vn 4mm/25°CA - vn diffuse w/ 30% py + gal, poss cpy. @ 361.55 qz-carb vn 8mm/20°CA w/ abund sx of py, gal, sph, poss tetr.(?) and cpy; dominantly py and gal + aspy? @ 360.85 vnlt w/ py, cpy, gal, aspy? v. narrow						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
		-core v. chloritic, -Some vns show amorphous green mineral partic @ 365.70	@ 362.40 narrow py+gal vnlt, v. low to CA; dark coloring diffuse mineral surrounding sx in veins 362.90-363.75 1cm qz vn, v low to CA, (~15°) w/ sx (py+gal+sph) minor py disem in w/r. stone fracs cross vn, sx in vn as frac fills and also bleed out into w/r as py vnlts @ 363.35 disem py, cpy, gal/sl py? assoc w/ diffuse qz vn @ 364.20 carb vns / bx pass sphal (brown red, metallic) w/ ~~minor~~ tr. py & cpy associated @ 365.70 shear w/ carb, qz, green amorphous mineral; local fracs w/ tr py, cpy @ 373.30 qz sx vn, cg, gal, very discontinuous, irreg, big fracs and large carb vn down core axis  @ 375.00 qz-sx vn assoc w/ shear(?) sx w/ tr py, cpy, gal; irreg w/ stib ? ~4mm/30° @ 378.95 fault gouge. @ 378.05 4mm/20° qz-carb vn w/ reddish hem?/alteration bands in vn.						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
			377.5 - 377.80 qz-carb br w/ gouge (1st bit of drill str scoring in core — brassy-bronze						
381.40 - ~~385~~ 384.05	ANDS - fine-med grained dk green grey, fairly vesicular, but highly fresh 383 - 383.15 GRDZ frag/xeno in ANDS	Perv fract	@ 382.60 qz-carb vnlts / br w/ rec pairing mineral in vn (chl?) @ 384.00 qz-carb vn, py + gal + sph? and stib? (silvery, possibly)						
384.05 - 399.25	GRDZ, upper contact resistant, ANDS appears to grade into the GRDZ (fine-med grained, v. crystalline)	chlorite carbonate							
	386.70 - 388.90 Pale blue/clear, stained + banding brec GRDZ		385.25 - 385.75 parallel qz-carb vnlts, 1cm wide @ CA 5 and to 1cm wide w/ py + gal? 388 391.70 — 392.75 medium grained qz-carb-qz br zone, numerous carb vnlts, some fx.						
	394 - 394.5 Pale blue/clear? massive, fine, angular pebble size frags, strong brecciation @ 394.60		@ 394.60 br, carb matrix w/ frags of GRDZ ~ 15° CA, 1cm. Continues to 395.60.						
399.25 - 402.45	ANDS, dk green grey.	397.50 - 399.25 Abund epi Abund epi along fracs, patchy Mod carbonate frac-fill Mod chlorite	@ 400.00 small qz stringer w/ gal, py, sph. along w/ carb + 1cm 1-2 @ 80° CA @ 401.80 Epi stringer w/ gal + sph (?), irreg bot ~ 45-55° CA 3mm						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
402.45 -	GRDZ., med grained, equigranular [MISSING BOXES 83, 84, 85]	Strong prop (ep.) Mod. chl, argillic (ser.)	@402.45 UC irreg/intrusive @404.50 (approx) q7-sx vn 8mm/55°CA py, gal, sph - @408.60 bleached shear (ser+q7+epi+rock n25°CA 6cm wide @417.80 q7 vns w/ sx, py, gal, sph. @415.50 q7 vn w/ gal + epi + chl 434.20-434.60 sx vnlts w/ ep' stringers @438.30 frac controlled sx vnlt w/ py, sph, gal, cpy 30°CA @439.50 q7-sx vn w/ ep ~ 45°CA w/ irreg., py, sph, gal						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
			@43970 disseminated py cubes to rare patchy disseminated sph (brownish-metallic)						
			@441.90 small offset qz-sx vn ~3-4mm, w/ py-sph, cpy						
		GRDR bleached, med grained, abund sil +chl+epi?	442.15-445.60, series of qz-sx vns consisting of dominantly py + cpy w/ lesser gal, sph, vns variably oriented,						
			@448.70 qz-sx vn w/ abund cpy + py. → sph						
			locally numerous small pyritic fractures w/ assoc carb + epi						
	445.60-445.98 Bx'd GRDR. -1 SX	449.0 → incr epi in core, abund fracs.	@ 444.60 — 445.98 Highly fract'd core & gougy — Fault zone. moderate bx'd GRDR w/ 5x cpy, py, gal, sph in discrete narrow vnlts, in variable orientation						
			Py-stockwk locally, gal 2-5%, cpy 1%, sph 2-5%.						
445.98	END OF HOLE								

CME

Project name: SKUKUM
Project #: CP56A
D.D. Hole #: RG97-4

Length (m): 517.86
Grid: KUHN(RIDGE)
Dip: -78°
Azimuth: 007°
Core size: HQ/NQ

Contractor: CARON
Northing: 6670690.17
Easting: 477367.76
Collar Elev.: 1796.48

Hole survey type: SPERRY-SUN
Started:
Completed:
Re-**Logged by:** T VanderWart
Date logged:

Depth	Dip	Azimuth

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0 - 2.44	CASING								
2.44 - 70.38	GRDR; medium grained, generally equigranular w/ some large xtals of amphiboles., generally v. competent [@30.78 Reduce to NQ]	Wk prop. Mafics chloritized	@3.20 1/ to 1.5cm chl stringer/vn 10°CA, dk amorphous green @7.60 chl-epi stringer 1cm/22°CA @14.40 epi stringer 3-4mm/15°CA (13.56-14.05 core ground to rubble) @15.75 narrow carb vnlt w/ wk chl. alt° 25°CA 16.64-16.7 narrow, variably oriented carb frac vnlts w/ clay (?) @17.4 poss. shear., chl-epi zone ~5cm wide @18.95 carb-qz vn 1cm/20°CA w/ pcs of w/r in vn. 19.6-20.3 Zone of broken, oxidized core 21.6-21.9 Zone of broken core, abund soft carb frac-fill; also @ 22.50 @24.95 purple carb-hem-flour? vn 1.7cm/55°CA.						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
			@31.50 epi stringer 7mm/35°CA						
			@37.10 carb-qz vnlt, 3mm/30°CA						
		39.7-44.4 mod prop alt^{n} incr. carb alt^{n} + oxidation (rusty core)	37.8-39.2 Zone of broken core - small carb-qz-fiss ? or hem vnlt w/ minor py @ 38.75.						
			@40.55 qz-chl-epi carb vn/shear. ~5cm w/ locally abund py. (~2%)						
			41.65-41.75 Discontinuous irreg. qz vns w/ x-cutting chl-epi fracs w/ locally abund py patches and stringers to 5%.						
		45.5-46.15 Zone of oxidation and mod. strong prop alt^{n}	@42.55 carb-qz-chl-epi vn, 1cm/15-20°CA						
			@49.35 dk green-black 3cm zone of 10% py w/ nearby narrow qz-carb vn (dk blue) w/ minor dissem py in vn.						
			@54.6 3 epi vn/stringers w/ minor cc; prop + potassic alt^{n} in w/r.						
			@55.1 v. fn grained py(?)-chl vnlt 3mm/30°CA						
			@56.25 qz-carb vnlt in broken core.						
			@56.70 epi-qz vn 2cm/40°CA						
			@58.90 oxidized + faulted core w/ minor crs gouge mat'l						
			@61.35 chl-qz-carb-epi vnlt, 1cm/60°CA						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
			@66.95 carb-qz vnlt w/ tr. py dissem in w/r 5mm/47°CA @ 68.20 chl-epi-qz stringer 7mm/20°CA; also @ 68.50						
70.38-72.25	ANDS; porphyritic, fine-grained green matrix w/ ragged wht to pale-green fsp phenos up to 5mm	Mod chl and epi Fsp phenos w/ chl-epi alteration @ core.	@ UC contact sharp 65°CA Rare py cubes (2mm) 71.6-72.25 Frac'd core w/ hairline carb vnlts and incr. py. in dissem patches or vnlts (<1%)						
72.25-96.63	GRDR, locally xenolithic (ANDS ± Dol)	Mod to locally strong prop alt^n Wk to mod carb alt^n	@LC ~30° contact to CA 73.85-74.20, Fault, oxidized, crushed core, gouge of clay + carb. @74.65 red-brown carb vnlt w/ v. fn dissem py (<1%), irreg. orientation @ 83.70 Alaskite (?) dyke 2.5cm/35°CA w/ sm offset due to chl frac. @87.60 shear 10cm/~50°CA w/ narrow carb vnlt. @ 89.30 Pegmatite (?) dyke 7cm/~40°CA, pale pink & green crystalline w/ chl + epi and abund qz. 92.45-96.63 Frac'd, broken core						
	90.22-91.45 Slightly "pegmatitic" GRDR, v. low matic content, crs. xtalline, pale pink to green.								

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
96.63 - 110.65	ANDS, porphyritic (as above)		@ LC 25°CA, irreg w/ offset pcs of ANDS in GRDR @ 100.60 chl-epi-carb stringer, narrow/14°CA w/ minor aspy (?) @ 103.75 epi-chl zone 3cm/30°CA @ 108.85 similar to above, minor py vnlts. assoc w/ chl-epi fracs. @ LC, broken, ~40°CA.						
110.65 - 131.10	GRDR, med to locally crs grained mafics; magnetic	Wk-mod prop altered 111.70-124.40, incr prop (mod) and strong chl.; prop still strong after 124.40. 127.85-128.45 v. rich epi 128.45-131.10 mod prop alt° wk potassic or hem.	@ 111.85 carb-qz vnlt 4mm/63°CA w/ ~5% py, trace aspy (?) @ 113.80 qz-carb-epi-chl vnlt 5mm/20°CA w/ py ~5% in vein & along margins @ 117.10 carb-qz (minor; aspy) w/ fine dissem cubic py (7-3%) 8mm/45°CA @ 120.30 qz-carb-chl-epi vn, brown selvage; 7mm/26°CA @ 121.00 3mm magn crystal @ 124.35 carb-qz vn, brown, fine chl-network w/ py in vein & fracs up to 5% 125.50-126.65 v. rich epi w/ qz-carb vnlt, ~3mm, 35°CA (aspy?)						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
131.10 – 136.50	ANDS, slightly porphyritic w/ v. ragged fsp phenos "ghosted"; massive and generally homogenous Mod to strongly magnetic to 132.50		@ UC irregular (intrusive) @132.65 zone of dissem py (~5%) @133.70 qz-py vn w/ rich chl ~10-15% py dissem in shear (?) 2cm/70° CA. @134.00 localized patchy dissem py to 10%, 4mm sized disseminations; incr py below 134.00. @134.72 incr. carb-qz vnlts and incr. py to 3-5%, patchy, dissem in ANDS & vnlts. to LC @ LC irreg ~40°CA.						
136.50 – 223.60	GRDR, magnetic	wk to mod prop alt^n	@137.50 qz-cc vn 15cm/~15°CA w/ 5% dissem py, qz blue-grey, cc is wht; locally core (bar) drags 15°CA planes, blocky & broken to 138.90, some pink mineral - new? @142.90 black chl vn w/ large patch of py (~5%), 7-8mm/45°CA @145.30 epi-chl vn, 8mm/25°CA @147.10 carb-qz vn, ~8-10mm @150.88 qz vn 8mm/35°CA, lightly banded w/ white, dk grey; dissem py in wlr up to 4cm away; second vn below w/ chl-py-carb. @151.70 epi vnlt w/ potassic alt^n halo ~5cm wide.						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
		166.50 → increased hem/lim oxidation of vnlts & localized parts of core	@152.10 series of small carb vnlts., blue outside w/ white core, minor assoc py. @156.20 qz vn w/ chl alt^n/shear zone w/ 3% fine dissem py. (cubic) @163.20 chl vn w/ py 7mm/40°CA @164.20 qz vn 2cm/40°CA w/ minor py @164.40 pyritic zone, 10% dissem py cubes & aggregates. @165.20 2 small blue/grey carb-qz vns w/ minor py to 20%. @166.70 10cm zone of 5% dissem py in brown hem/lim alt^n @172.70 carb infill of large 2-2.5cm tension gash; also incr chl hairline fracs. @173.00 discontinuous frac'd qz vns ~5mm to 1cm w/ py+cpy; py in w/r, cpy in vn @173.10 zone of brown chl w/ 10% py, minor cpy to 173.60 (minor qz-carb hairline fracs) @173.70 qz vn, 3mm/50°CA @181.00 narrow 3mm/30°CA carb vnlt., slightly oxidized. @182.60, qz vn 1cm/30°CA w/ minor py (~1%) 187.15-188.65 broken, chl-altered core cored by 1.5cm/37°CA qz vn w/ py along vn margins/selv. Alteration around vn shows incr. py of 3-5% dissem py cubes.						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
			@191.55 qz-epi vn, 48°CA, 5mm w/ several offsets up to 1.5cm.						
			198.90-199.10 Fault zone w/ carb vn, gouge and weakly oxidized.						
			@206.35 epi zone - bx?						
			209.65-209.95 incr py, chl alt^n (py ~2%)						
			212.35-212.95 Frac/fault zone, powdery cc.						
			@216.15 narrow oxidized (?) carb vnlt w/ rare py, ~50° CA.						
			218.10-219.30 alaskite dyke 30° contacts ~10 cm wide, pale pink, minor mafics ± magn.						
			219.45-219.75 fault zone, epi-cc-chl gouge						
223.60-224.85	RHYL dyke, banded ± foliated, sphrulitic		@ UC sharp 40°CA Rare dissem py (<<1%) @ LC sharp 45°CA						
224.85-	GRDR, as described above.	Wk-mod prop. Wk-mod chl alt^n	@226.70 qz-chl-carb vn w/ py along margins (3-5%) 7-10mm/15°CA						
			227.50-228.00 alaskite dyke, sharp contacts ~ 35°CA, 18 cm wide.						
			@229.60 carb-qz vn, ~10% py, large dissem, patchy blebs.						
		@231 → incr prop alt (mod)	@231.00 Frac'd broken core w/ frac sets coated w/ hem (, asper)						
			@235.95 chl, frac'd offset vn/bx(?) ~7cm wide						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
		236.65 → mod-strong epi (prop) alt^n	@236.10 ragged chl vein w/ strong prop alt^n up to 10cm above & below; minor py, finely dissem, 2%. @238.35 qz vn 4cm/40°CA w/ minor chl, py along margins and assoc w/ chl selvages. @238.70 5mm/15°CA qz-carb vnlt w/ 5% py. @242.40 local py cubes on frac sfcs 5-10%. @242.80 10 cm zone of fine-grained chl w/ py up to 5% 243.90 → incr dissem py in GRDR (variable 1-3%) @245.80 3cm zone of 10% py (80°CA) @257.30 1.5cm rich brown chl. @257.15 Thin chl vnlt w/ py @253.15 Discontinuous qz-carb vn? or sweat (?), rare py. 253.35-253.90 discontinuous qz vns, numerous chl fracs, abund sil, locally abund dissem py to 5%, though generally 1%.						
255.75-258.20	RHYL dyke, bleached, tan to grey/sn		@ UC 35°CA but irregular. Minor py. @257.10 irreg qz vn, low angle to CA, poss low angle fault. @258.20 ductile shear @ LC w/ py vnlt.						
	257.10 - 258.20 Core darkens to med-dark grey, more like RHDC								
258.20-260.50	GRDR, chloritic, sheared w/ hem alt^n								

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
260.50-260.90	ANDS dyke; heavily frac'd, faulted.		@260.90 carb-qz vn w/ rich py to 15%; vn 1cm/35°CA						
260.90-331.15	GRDR								
	260.90-261.90 wk GRDR texture, sheared?	wk-mod prop wk-mod chl tough variable.							
	261.90-278.30 more typical med-crs grained GRDR		@268.55 qz-chl flooded shear/fault zone (healed) w/ minor py @269.35 qz vn 4mm/12°CA w/ sharp 2cm offset; locally abund py in w/r and in vn (5-10%) @274.40 narrow qz-ec vnlt w/ minor py ± gal						
	278.30-286.65 GRDR finer grained, sheared	mod-strong chl	@280.65 qz vn, 4mm/70°CA, w/ py in vn. @280.90 epi stringer @281.90 blue/white qz-carb vn 1.5cm/60°CA w/ 2% py @282.30 blue-white qz-carb 1.5cm/70°CA w/ minor py. @282.40 qz vn 1cm/irreg., minor blue mineral; 10% py in w/r and along selvage						
	286.65-307.05 GRDR more typical med-crs grained texture	wk prop alt^, locally banded due to fracs.							
		295.65 → incr prop to mod.	@299.90 epi-qz vn(?) 1cm/45°CA.						
			@305.10 poss alaskite dyke; epi + pink fsp+qz rich., no mafic content, irregular tension fill style						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	307.05-331.15 Sheared GRDR, fine-grained, dk grey, locally appears dioritic	307.65-308.15 Shear/fault zone lightly oxidized on fracs.	308.15-308.60 long, narrow carb frac parallel to CA, light purple colour due to hem, poss fluorite. 316.75-318.55 Fault, frac'd, broken core, carb on fracs, small vnlts. @323.35 narrow carb vnlt 3mm/15°CA (tension-fill) @325.90 carb bx zone w/ chl+epi+py (1%) over 10cm 326.60-327.90 Fault, frac'd broken core w/ cc along fracs. 328.00-328.40 Bx, dominantly qz, pale pink w/ interstitial chl, py± cpy in qz + dissem up to 3%. 328.40-329.35 Fault, frac'd broken core						
331.15-332.75	ANDS dyke, med-dk green grey, fine-grained, poss flow-bands along chl fracs. ~45°CA		Py ±cpy 1-3%. @LC 70°CA @331.40 discontinuous epi-qz-chl, poss alaskite, 40°CA @LC 15-20°CA, abund hairline epi-carb-qz vnlts.						
332.75-352.25	GRDR	variably prop alt'd GRDR, generally mod intensity 337.00-337.60 mod strong epi and wk potassic	@339.70 carb-hem-qz vn (lt purple) 1cm/65°CA @341.45 poss alaskite/aplite dyke 1.5cm/30°CA						

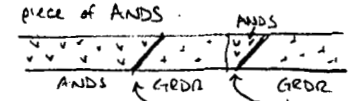
From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Oti
			@342.45 aplite dyke 2cm/52°CA, small piece offset 1.5cm						
		346.50 → incr ham alt^	@344.30 small fault w/ completely frac'd carb vn in GRDR.						
	@348.15 irreg, intrusive contact of ANDS, low angle to CA, 8-10cm wide.		347.20 - 352.25 Bx'd, faulted GRDR w/ abund carb in fracs.						
352.25 - 355.00	RHYL/RHDC, brown, fine-grained foliated/banded.	locally abund seri alt^ + chl alt^	~1% py over interval. Generally frac'd core.						
355.00 - 361.80	RHYL dyke, weak banding, bx'd (?) light brown to tan		locally heavily frac'd. ~1% dissem py. Hairline fracs w/ brown/green chl or black/dk grey material (py?)						
361.80 - 365.70	ANDS dyke; med green, fine-grained		@ uc faulted + broken 364.10 - 365.70 bx'd, fragmented core						
365.70 - 373.10	RHYL dyke, bx'd		Minor dissem py cubes						
373.10 - 374.55	HLBX; dk matrix w/ RHYL, GRDR, ANDS + qz vein frags.		1-3% dissem py.						
374.55 - 375.2	QZ-SX-BX, healed qz frags w/ interstitial chl + py + gal (~10%)								
375.20 - 376.60	HLBX, appears dominantly as RHYL frags w/ qz vein frags; open space filling by carb; py, rare gal and pass tetr. ~5% total.								

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Oth
378.60-389.45	RHYL or RHDX dyke		Locally 3% py ± gal ± aspy @385.80 qz vns in RHYL, vns blue w/ py + gal, dissem in vns up to 5% 378.70-379.40 fairly intense dk grey-blue frac's in core w/ dissem py and poss v. fn grained gal in vnlts/fracs. 383.75-384.50 Major bx zone, rare sx (tr. gal); lower contact ductily sheared, abund clay, v. frac'd. 387.10-387.60 Bx'd RHYL w/ hairline sx vnlts, 3-5% py w/ poss 1-2% gal 387.60-389.45 v. broken core, poor recovery.						
389.45-391.80	GRDR, sheared, v. altered	abund chl, epi, qz, carb alt'n	Numerous small dk blue-grey sx? vnlts, poss gal+py, locally bx'd.						
391.80-399.00	RHYL dyke., locally massive to bx'd w/ infilling carb vns/vnlts. [391.40-401.30 core v. frac'd and ground down to rounded pebbles by drill, v. low recovery (10-20%) Occassionally competent core of RHYL BX		@392.70 carb vn, open space filling, minor dk grey sx(?), ~20°CA 1-2cm @398.30 qz vns w/ patchy dissem py + gal; vns 5mm/30°CA, 20% sx. 398.40-398.70 RHYL-carb bx.						
399.00-426.25	GRDR, bx'd to sheared. Brecciation decreases around 405m but still strong shearing.	wk mod prop, carb, chl, clay.	Where bx'd, qz (chalcedony) & carb infills & heals.						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
		417.15 increased carb + prop alt^{n} (mod)	413.30-414.70 Broken, frac'd core - fault. 414.50-414.70 clay gouge, patchy dissem py blebs and some <1mm cubes.						
	420.05-420.50 RHYL dyke, bx'd w/ abund Sx (py 5-10%), v. fine grained galena (~5%) in blue-grey qz vns. Contacts disrupted, ~20°CA								
	@424.45 narrow ANDS dyke, UC 40°CA, LC 65°CA, w/ minor patchy py (1-2%)								
426.25-427.35	ANDS dyke, dl grey, fine grained w/ some incorporated GRDR frags. @ 426.75		@426.35 carb vnlts w/ py and rel abund cpy (2% py, 1-2% cpy)						
427.35-433.90	GRDR, sheared	mod chl mod carb	428.10-429.55 Fault, frac'd broken core, frac sfcs are slickensided w/ carb, py also on frac sfcs						
	429.55-429.85 ANDS dyke, v. frac'd & offset contacts, carb vn down CA		@429.30 cpy patches in ANDS frag						
	429.85-430.45 GRDR								
	430.45-431.20 ANDS, bx'd w/ carb vnlts & infilling		@430.70 crackle bx (carb-qz) w/ minor py-gal						
	431.20-433.90 GRDR, med-crs grained								
433.90 - 436.70	GRDR/DIOR, fine grained to med-grained		Random orientation texture frac w/ carb infilling, minor py & occasional qz vns (<5mm) @436.30 qz-carb vn w/ boxn? 2mm/32°CA						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
436.70 - 480.55	GRDR, med. crs grained; generally quite fractured and blocky	wk-mod prop, chl mod carb.	@ UC irregular contact. Frac's w/ infilling by carb-qz @ 437.90 1,15cm/ carb-qz vn (tension gash) w/ broken core, v. soft, clay gouge. @ 439.10 v. soft gouge, abund carb-qz @ 441.80 qz-epi-chl-ser-carb vn/sheer 4cm/50°CA, similar vn @ 441.90 1cm/65°CA. 445.85-447.75 Fault, broken core, gouge, carb, alt^n						
449.65-450.50 competent GRDR.			450.50-456.65 Fault, v. broken core, fracs parallel to CA w/ occasional lge carb vnlts @ 454.00 bcc but competent core, poss clast/xeno? w/ py ± gal + magn. @ 455.70 Fault, crushed core @ 458.30 blu-grey qz vn 7mm/75°CA w/ py in w/r, and selv.; gal in vn w/ magn; crosscut by later carb vnlt (v. low angle to CA)						
460.95-461.35 ANDS dyke, crackle bcc and infilled w/ carb; @ UC narrow qz vns w/ py ± gal., @ LC 25°CA.			@ 462.85 qz-carb vnlt 4mm/25-30°CA w 5% gal, 10% py. tr. cpy + magn. @ 465.25 qz-gal vn 1cm/45°CA 15-20% gal banded along vn though still patchy. @ 466.30 qz-gal-py vn 1cm/45°CA 15-20% gal, 3-5% py, gal banded						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	469.1 - 469.60 468.70 - 469.30 Qz-sv BX, buff grey qz, dissem gal 5-10%, py <5%, v. low angle to CA (10 - 15° CA)		@467.05 carb-qz vn w/ blue dissem mineral (<5%), poss gal ± magn. 7mm/30°CA @471.10 discontinuous qz vn w/ py+gal (py+gal intergrown; py surrounds gal) 5mm & 2mm / 45°CA @471.90 qz vns w/ 5% py, <2% gal, ~2% magn. 472.35 - 473.40 Faulted broken core 474.25 - 474.45 Rich, sgl-chl alt^n zone w/ narrow black sv (?) vnlts, py + magn (?) @474.75 qz-sv vn 5mm/47°CA w/ py+gal+magn, dissem py in w/r. 475.50 - 476.60 strongly sheared GRDR @476.55 qz vn 1cm/45°CA, 15% py, ~10% magn; small offsets.						
	478.00 - 478.60 ANDS dyke.	475.25 rich sgl zone ~10cm wide	@478.70 frac sfc w/ gal + abund cpy 479.20 - 479.40 small vnlts w/ py, gal, burn (?) and tr dissem cpy. @480.15 narrow 2-3mm qz vn w/ 20% py + minor gal.						
480.35 - 504.30	ANDS dyke w/ minor GRDR frags. @499.85 GRDR frag @500.15 GRDR frag 501.20 - 501.55 GRDR frag	mod chl	Common tension-fill cv's-qz vnlts, pcntic along CA. @501.00 py-qz vnlt 3-5mm/85°CA @501.80 @ contact w/ GRDR frag, qz-py vn, 40% py, oxidized w/ tr. gal						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	501.80 - 502.20 GRDR ; LC 45°CA, py in ANDS just below LC (~5%, dissem py cubes)		(cont'd) irregular vein orientation & sets w/r alt^n,						
			@502.90 qz-py vn 3mm/48°CA w/ local small py vnlts.						
504.30 - 505.30	GRDR; med grained	Mod prop alt^n Wk-med potassic							
505.30 - 506.25	ANDS dyke.		@LC sheared 20°CA						
506.25 - 511.25	GRDR, sheared	Mod prop Mod potassic	Local cpy dissemination						
			@507.55 dissem cpy						
			@509.80 narrow qz vnlt w/ py + gal + magn, 2mm/60°CA						
511.25-514.55	ANDS dyke	Mod chl	@ LC 45°CA but offset several times						
			@512.90 narrow vnlt w/ cpy + py, 3mm / 30°CA						
			@513.60 10cm zone of GRDR or bx w/ py ± gal along LC 30°CA.						
514.55 - 517.86	GRDR	Mod prop Mod potassic	@ LC ~ 320°CA w/ offset & bx'd piece of ANDS						
									
			@515.20 api stringer 4mm/12°CA 516.95-517.86 Fault, bx'd (HLBx?) hole ends in gouge-like material						
517.86	END OF HOLE								

APPENDIX VI

ANALYTICAL LABORATORY PROCEDURES

Analytical Laboratory Sample Analysis Procedures

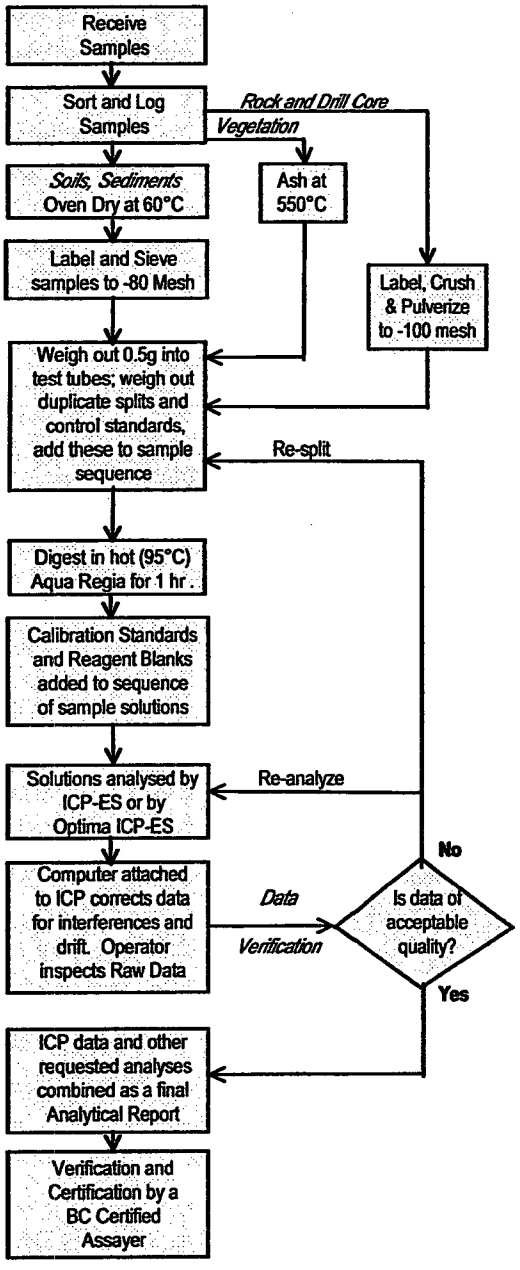
Acme Analytical:	ICP Analysis – Aqua Regia
	Au by Wet Extraction
	Precious Metal Assay
Bondar Clegg:	Gravimetric Fire Assay for Gold and Silver

ACME
ANALYTICAL LABORATORIES LTD.

852 East Hastings Street • Vancouver, British Columbia • CANADA • V6A 1R6
Telephone: (604) 253-3158 • Fax: (604) 253-1716 • Toll free: 1-800-990-ACME (2263) • e-mail: info@acmelab.com

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

Analytical Process



Comments

Sample Preparation

Soils and sediments are dried (60°C) and sieved to -80 mesh (-177 µm), rocks and drill core are crushed and pulverized to -150 mesh (-100 µm). Vegetation is dried (60°C) and pulverized or dry ashed (550°C). Moss-mat samples are dried (60°C), pounded then sieved to recover -80 mesh sediment or ashed at 550°C then sieved to -80 mesh with potential loss by volatilization of Hg, As, Sb, Bi and Cr. Aliquots of 0.5 g are weighed into test tubes. Duplicate aliquots are taken from two samples in each batch of 34 samples to measure precision. An aliquot of sample standard STD C3 is added to each batch to monitor accuracy.

Sample Digestion

Aqua Regia is a 2:2:2 mixture of ACS grade conc. HCl, conc. HNO_3 and demineralized H_2O. Aqua Regia is added to each sample and to two empty reagent blank test tubes in each batch of samples. Sample solutions are digested for 1 hr in a boiling hot water bath (95°C).

Sample Analysis

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

Group 1DX: sample solutions are aspirated into a Perkin Elmer Optima 3300 Dual View ICP emission spectrograph to determine 35 elements: Ag, Al, As, Au, B, Ba, Bi, Ca, Cd, Co, Cr, Cu, Fe, *Ga*, *Hg*, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, *S*, Sb, *Sc*, *Tl*, Sr, Th, Ti, U, V, W, Zn.

Data Evaluation

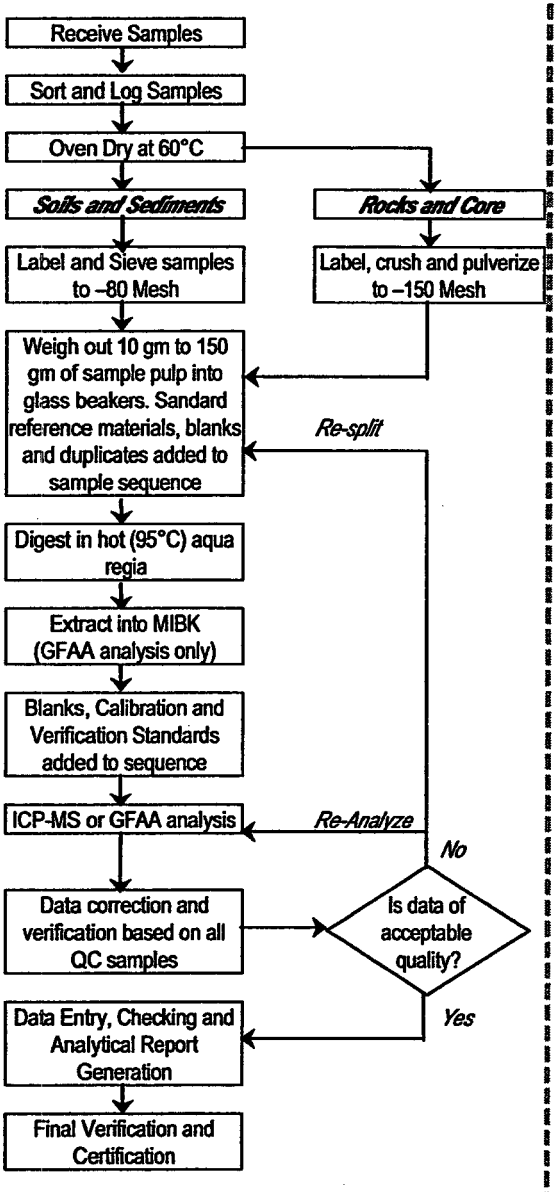
Raw and final data from the ICP-ES undergoes a final verification by a British Columbia Certified Assayer who then signs the Analytical Report before it is released to the client. Chief Assayer is Clarence Leong, other certified assayers are Dean Toye and Jacky Wang.

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METHODS AND SPECIFICATIONS FOR ANALYTICAL PACKAGE GROUP 3A - AU BY WET EXTRACTION

Analytical Process



Comments

Sample Preparation

Soils and sediments are dried (60°C) and sieved to -80 mesh (-177 microns), rocks and drill core are crushed and pulverized to 95% -150 mesh (-100 microns). Plant samples are dried (60°C), pulverized or ashed (550°C). Sediment in moss mats is recovered by disaggregating and sieving to -80 mesh. Sample splits of 10 gm to 150 gm are weighed into glass beakers. Duplicate splits of crushed (*reject duplicate*) and pulverized (*pulp duplicate*) material included in every 34 drill core or trench samples define preparation (reject duplicate) and analytical precision (pulp duplicate). Duplicate pulp splits (only) are included in every batch of soil, sediment and routine rock samples. A blank and in-house standard reference material STD FA-100 are carried through all stages of the analytical methodical to monitor accuracy. STD FA-100 has been certified in-house against certified reference materials.

Sample Digestion and Extraction

Aqua Regia is a 2:2:2 mixture of ACS grade conc. HCl, conc. HNO_3 and distilled H_2O. Aqua Regia is added to each sample and to the empty reagent blank test tube in each batch of samples. Sample solutions are heated for 1 hr in a boiling hot water bath (95°C). For Graphite Furnace AA analysis, MIBK is added and the samples are shaken to extract Au into the MIBK phase.

Sample Analysis

ICP-MS (Perkin Elmer Elan 6000) analysis is conducted on the acid solution to determine Au ± Pt. Graphite furnace AAS (Varian model SpectrAA 10Plus) is conducted on the MIBK extract to determine Au.

Data Evaluation

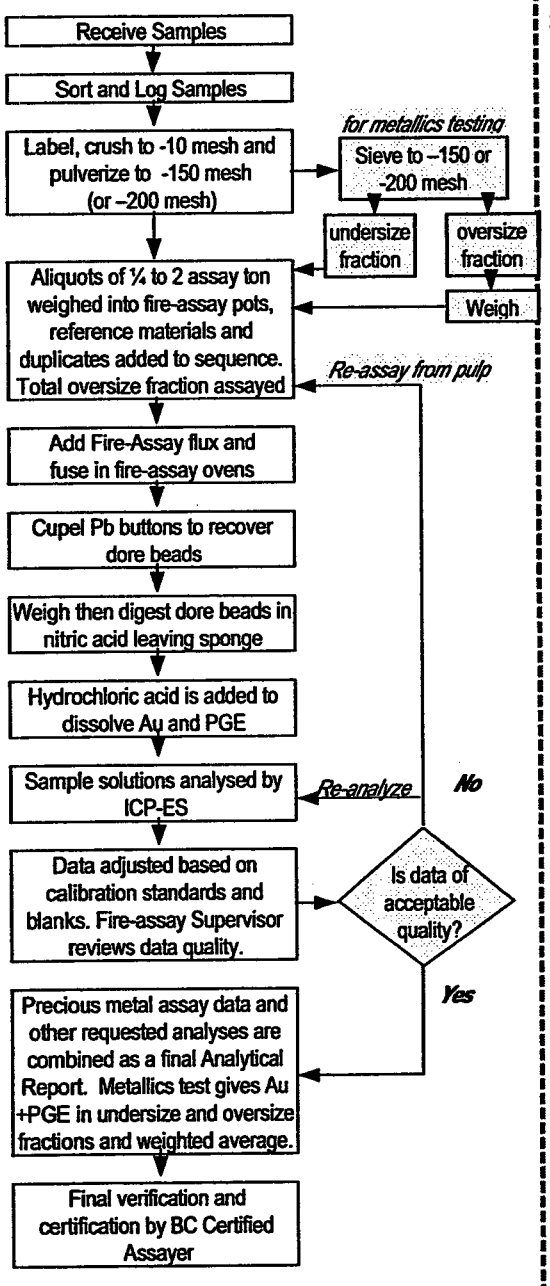
Raw and final data undergoes a final verification by a British Columbia Certified Assayer who must sign the analytical report before release to the client. Chief assayer is Clarence Leong, other certified assayers are Dean Toye and Jacky Wang..

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METHODS AND SPECIFICATIONS FOR ANALYTICAL PACKAGE GROUP 6 - PRECIOUS METAL ASSAY

Analytical Process



Comments

Sample Preparation

Rocks and drill core are crushed to 75% minus 10 mesh (-1.7 mm), a 250 g subsample is riffle split then pulverized to 95% minus 150 mesh (-100 microns) or minus 200 mesh upon request. Reject and pulp duplicate splits are taken from two samples in every 34 to monitor sub-sampling variation related to sample inhomogeniety and analytical variation, respectively. One quarter (7.5 g) to two assay ton (58.4 ±0.01g) splits are weighed. STD Au-1 (Au reference material), STD Ag-2 (Ag reference material) or STD FA-10R (Au, Pt, Pd, Rh reference material) and a blank are added to each analytical batch to monitor accuracy. Results are reported in imperial (oz/t) or metric (gm/mt) measure. For metallics testing, 500+ gm is pulverized and sieved through a 150 or 200 mesh screen. The oversize material on the screen is weighed and assayed in total. A 1 or 2 assay ton split of the undersize fraction is also assayed .

Sample Digestion

Sample split is mixed with fire-assay fluxes containing PbO litharge and a Ag inquart then heated at 1000°C for 1 hour to liberate Au + PGE. After cooling, lead buttons are recovered and cupelled at 950°C to render Ag ±Au ±Pt ±Pd ±Rh dore beads. Beads are weighed then leached in 1 mL of conc. HNO_3 at >95°C to dissolve Ag leaving Au ±PGE sponges. A Au inquart is used for Rh assays where the concentration is likely to exceed 10 ppb. The sponge is dissolved by adding 6 mL of 50% HCl.

Sample Analysis

The solutions are analyzed by ICP-ES (Jarrel Ash Atom-Comp model 800 or 975) to determine Au, Pt, Pd and Rh. Au or PGEs over 1 oz/t are determined by gravimetric finish. Ag is determined both by fire assay and wet assay. Ag over 10 oz/t is reported from the fire assay while concentrations <10 oz/t are reported from the wet assay. Metallics testing reports concentrations of Au ±PGEs in the undersize fraction, the oversize fraction and the calculated weighted average of these fractions.

Data Evaluation

Raw and final data undergoes a final verification by a British Columbia Certified Assayer who then signs the Analytical Report before it is released to the client. Chief Assayer is Clarence Leong, other certified assayers are Dean Toye and Jacky Wang.

BONDAR CLEGG

Since 1962

130 Pemberton Avenue, North Vancouver, British Columbia, Canada V7P 2R5
Telephone: (604) 985-0681 Facsimile: (604) 985-1071

Gravimetric Determination of Gold and Silver by Fire Assay Using Lead as a Collector

Analytical Process

Receive samples.

↓

Sort and log samples.

↓

Implement sample preparation procedures, as requested by the client.

↓

Typically 30 or 50 grams of sample is weighed. Control standards, blanks and duplicate samples are also inserted into the sequence.

↓

The samples are mixed with a litharge flux and fused, forming a lead button and molten slag. The slag is removed. The lead buttons containing the precious metals are cupelled, resulting in a precious metal bead.

↓

If both silver and gold are requested, the bead is weighed on a microbalance. (This step is not necessary if the analysis is for gold only.)

↓

The bead is then parted with nitric acid, annealled and the resultant bead is weighed on a microbalance to give a weight for gold.

↓

The difference in weight after parting is the weight of the silver.

↓

The samples, control standards, blanks and duplicate data are reviewed. (If discrepancies are noted, appropriate re-analysis is issued.)

↓

Results are approved and the analytical report is generated.

↓

Final verification and approval is completed.

Scope

This method is suitable for the determination of high level gold and silver content in ores, concentrates and mill products by Fire Assay with a gravimetric finish.

Applicable Analyte Ranges

Method Code	Element	Detection Limit (ppm)	Upper Limit (ppm)
FA10/11/12/13	Ag	1.7	1, 000, 000
	Au	0.17	1, 000, 000

Precision

The precision tolerance of reported data result from all stages of the analysis and is subject to the sample matrix and the specific technique used.

Expected precision tolerance at various concentrations for this method are as follows:

Element	Expected Tolerance Level			
Ag (ppm)	Detection Limit		1.7	± 100%
	3.4	-	8.5	50%
	9.2	-	13.8	20%
	14.5	-	72.5	15%
		>	72.5	10%
Au (ppm)	Detection Limit		0.17	± 100%
	0.34	-	0.51	50%
	0.68	-	0.96	20%
	1.13	-	10.3	10%
		>	10.3	5%

This table is intended as a guideline in the absence of repeatability and reproducibility data.

Analysis of CME Standard Sample Material

CDN Resource Laboratories Ltd.

10945-B River Road, Delta, B.C., V4C 2R8 Ph: 604 596-2245 Fax: 604 588-3960

To: CME Consulting Ltd.
#2130, 21331 Gordon Way
Richmond, B.C.
V6W 1J9

File No: 210801
Date: September 10, 2001
Proj: CP56A

Attn: Mr. Chris Naas

REPORT ON THE PREPARATION OF ASSAY STANDARD REFERENCE MATERIAL CME-S-1

CDN Resource Laboratories Ltd. received a shipment of samples from CME Consulting Ltd. This material was used to prepare an homogeneous pulp suitable for use as an assay standard reference material.

The preparation procedure is described as follows:

1. The sample was dried. The material was mechanically ground then screened through a 200 mesh sieve. A rod mill was used for the original grinding. Oversize material was reground using a ring and puck pulverizer and then rescreened.

2. The -200 fraction was mechanically mixed for 4 days.

3. Random splits were taken from the sample for round-robin analysis. Round-robin samples were sent to the following laboratories: Acme, Bondar Clegg, Chemex and Assayers Canada.

4. The standard was bagged in 95 - 105g lots.

5. The samples were shipped to CME in Whitehorse for insertion into the sample stream.

Duncan Sanderson
Certified Assayer of British Columbia

CME-S-1 Round-robin assays

	Au (g/tonne)	Ag (g/tonne)
Bondar	10.33	1435.3
Bondar	10.11	1421.9
Bondar	10.23	1412.1
Bondar	10.64	1423.7
Bondar	10.16	1432.1
Bondar	10.78	1438.7
Bondar	10.84	1427.2
Bondar	10.17	1419.3
Bondar	10.20	1426
Bondar	10.56	1427.6
Chemex	9.67	1370
Chemex	10.08	1380
Chemex	9.73	1380
Chemex	10.09	1390
Chemex	10.03	1400
Chemex	9.92	1350
Chemex	9.99	1355
Chemex	9.88	1395
Chemex	10.03	1390
Chemex	10.05	1385
Acme	9.92	1452.4
Acme	9.92	1420.7
Acme	10.01	1451.3
Acme	9.94	1429.5
Acme	9.96	1489.9
Acme	9.96	1497.9
Acme	9.92	1417.7
Acme	10.10	1402.8
Acme	10.03	1409.2
Acme	9.71	1437.3
Assayers	9.90	1439
Assayers	10.13	1427
Assayers	10.07	1424
Assayers	10.07	1422
Assayers	10.20	1431
Assayers	10.10	1440
Assayers	10.20	1439
Assayers	10.10	1438
Assayers	10.17	1465
Assayers	10.27	1459
Sum	404.17	56851.60
Mean	10.10	1421.3
Std. Deviation	0.251	31.52
% RSD	2.48	2.22

ME YTI LAB ORT LTD 8 H ING V UVE V LR6 PH 604 -31 FAX)25 16
(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

CDN Resource Laboratories Ltd. PROJECT CME File # A103141
10945-B River Road, Delta BC V4C 2R8

SAMPLE#	Ag** gm/mt	Au** gm/mt
CME-S-1-1	1452.4	9.92
CME-S-1-2	1420.7	9.92
CME-S-1-3	1451.3	10.01
CME-S-1-4	1429.5	9.94
CME-S-1-5	1489.9	9.96
CME-S-1-6	1497.9	9.96
CME-S-1-7	1417.7	9.92
CME-S-1-8	1402.8	10.10
CME-S-1-9	1409.2	10.03
CME-S-1-10	1437.3	9.71
RE CME-S-1-10	1416.3	9.91
STANDARD R-1/AU-1	100.2	3.31

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: PULP
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 13 2001 **DATE REPORT MAILED:** Sept 24/01 **SIGNED BY.....** D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data FA

Assayers Canada
8282 Sherbrooke St.
Vancouver, B.C.
V5X 4R6
Tel: (604) 327-3436
Fax: (604) 327-3423

Quality Assaying for over 25 Years

Assay Certificate

1V-0388-PA1

Company: **CDN Resource Laboratories Ltd.**
Project: CME
Attn: Duncan Sanderson

Sep-21-01

We *hereby certify* the following assay of 10 pulp samples submitted Sep-13-01

Sample Name	Au g/tonne	Au g/tonne	Ag-fire g/tonne	Ag-fire g/tonne
CME-S-1-1	9.90		1439	
CME-S-1-2	10.13		1427	
CME-S-1-3	10.07		1424	
CME-S-1-4	10.07		1422	
CME-S-1-5	10.20	9.93	1431	1450
CME-S-1-6	10.10		1440	
CME-S-1-7	10.20		1439	
CME-S-1-8	10.10		1438	
CME-S-1-9	10.17		1465	
CME-S-1-10	10.27		1459	

Certified by _____

ALS Chemex

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

To: CDN RESOURCE LABORATORIES LTD.

10945-B RIVER RD.
DELTA, BC
V4C 2R8

A0124790

Comments: ATTN: DUNCAN SANDERSON

CERTIFICATE A0124790

(AHM) - CDN RESOURCE LABORATORIES LTD.

Project: CME ROUND ROBIN
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 21-SEP-2001.

SAMPLE PREPARATION

METHOD CODE	NUMBER SAMPLES	DESCRIPTION
LOG-22	10	Samples received without barcode
225	10	Run as received

ANALYTICAL PROCEDURES

METHOD CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
WEI-21	10	Weight of received sample	BALANCE	0.01	1000.0
Au-GRA21	10	Au g/t: 1 assay ton, grav.	FA-GRAVIMETRIC	0.07	1000.0
Ag-GRA21	10	Ag g/t: Gravimetric	FA-GRAVIMETRIC	3	3500

ALS Chemex

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

To: CDN RESOURCE LABORATORIES LTD.

10945-B RIVER RD.
DELTA, BC
V4C 2R8

Project : CME ROUND ROBIN
Comments: ATTN: DUNCAN SANDERSON

Page Number :1
Total Pages :1
Certificate Date: 21-SEP-2001
Invoice No. : I0124790
P.O. Number :
Account : AHM

CERTIFICATE OF ANALYSIS A0124790

SAMPLE	PREP CODE		Weight Kg	Au FA g/t	Ag FA g/t							
CME-S-1-1	9400	225	0.08	9.67	1370							
CME-S-1-2	9400	225	0.08	10.08	1380							
CME-S-1-3	9400	225	0.08	9.73	1380							
CME-S-1-4	9400	225	0.08	10.09	1390							
CME-S-1-5	9400	225	0.08	10.03	1400							
CME-S-1-6	9400	225	0.08	9.92	1350							
CME-S-1-7	9400	225	0.08	9.99	1355							
CME-S-1-8	9400	225	0.08	9.88	1395							
CME-S-1-9	9400	225	0.08	10.03	1390							
CME-S-1-10	9400	225	0.08	10.05	1385							

CERTIFICATION:

BONDAR CLEGG

Geochemical Lab Report

CDN RESOURCE LABORATORIES LTD.
10945-B RIVER ROAD
DELTA, B.C.
V4C 2R8

Bondar Clegg Canada Limited
130 Pemberton Avenue, North Vancouver, BC, V7P 2R5, Canada
Tel: (604) 985-0681, Fax: (604) 985-1071

BONDAR CLEGG

Geochemical Lab Report

REPORT: V01-01827.0 (COMPLETE) REFERENCE:

CLIENT: CDN RESOURCE LABORATORIES LTD. SUBMITTED BY: UNKNOWN

PROJECT: CME DATE RECEIVED: 14-SEP-01 DATE PRINTED: 25-SEP-01

DATE APPROVED	ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
010924	1	AuGrav Au - FA10/11	10	0.17 GMT	FIRE ASSAY	GRAVIMETRIC
010924	2	AgGrav Ag - FA10A/11	10	1.7 GMT	FIRE ASSAY	FIRE ASSAY-GRAV

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
P PREPARED PULP	10	4 AS RECEIVED	10	PULP VERIFICATION	10

REPORT COPIES TO: 10945-B RIVER ROAD INVOICE TO: 10945-B RIVER ROAD

****

This report must not be reproduced except in full. The data presented in this report is specific to those samples identified under "Sample Number" and is applicable only to the samples as received expressed on a dry basis unless otherwise indicated

****

Bondar Clegg Canada Limited
130 Pemberton Avenue, North Vancouver, BC, V7P 2R5, Canada
Tel: (604) 985-0681, Fax: (604) 985-1071

BONDAR CLEGG

Geochemical Lab Report

CLIENT: CDN RESOURCE LABORATORIES LTD. PROJECT: CME

REPORT: V01-01827.0 (COMPLETE) DATE RECEIVED: 14-SEP-01 DATE PRINTED: 25-SEP-01

SAMPLE NUMBER	ELEMENT UNITS	AuGrav GMT	AgGrav GMT
P4 CME S1 1		10.33	1435.3
P4 CME S1 2		10.11	1421.9
P4 CME S1 3		10.23	1412.1
P4 CME S1 4		10.64	1423.7
P4 CME S1 5		10.16	1432.1
P4 CME S1 6		10.78	1438.7
P4 CME S1 7		10.84	1427.2
P4 CME S1 8		10.17	1419.3
P4 CME S1 9		10.20	1426.0
P4 CME S1 10		10.56	1427.6

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CLIENT: CDN RESOURCE LABORATORIES LTD. PROJECT: CME

REPORT: V01-01827.0 (COMPLETE) DATE RECEIVED: 14-SEP-01 DATE PRINTED: 25-SEP-01

STANDARD NAME	ELEMENT UNITS	AuGrav GMT	AgGrav GMT
HX12 Oxide		6.62	10.3
Number of Analyses		1	1
Mean Value		6.620	10.30
Standard Deviation		-	-
Accepted Value		6.60	10.4

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Tel: (604) 985-0681, Fax: (604) 985-1071

BONDAR CLEGG

Geochemical Lab Report

CLIENT: CDN RESOURCE LABORATORIES LTD. PROJECT: CME

REPORT: V01-01827.0 (COMPLETE) DATE RECEIVED: 14-SEP-01 DATE PRINTED: 25-SEP-01 PAGE 3 OF 3

SAMPLE NUMBER	ELEMENT UNITS	AuGrav GMT	AgGrav GMT
CME S1 6		10.78	1438.7
Duplicate		9.91	1414.9

Bondar Clegg Canada Limited
130 Pemberton Avenue, North Vancouver, BC, V7P 2R5, Canada
Tel: (604) 985-0681, Fax: (604) 985-1071

Analysis of CME Blank Sample Material

ALS Chemex

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

To: CME CONSULTING LTD

2130 - 21331 GORDON WAY
RICHMOND, BC
V6W 1J9

A0123935

Comments: ATTN: CHRIS NAAS

CERTIFICATE A0123935

(QWQ) - CME CONSULTING LTD

Project: BLANK
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 12-SEP-2001.

SAMPLE PREPARATION

METHOD CODE	NUMBER SAMPLES	DESCRIPTION
PUL-21	5	Pulv. All Sample >85%/-75 micron
LOG-22	5	Samples received without barcode
229	5	ICP - AQ Digestion charge

* NOTE 1:

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

ANALYTICAL PROCEDURES

METHOD CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
WEI-21	1	Weight of received sample	BALANCE	0.01	1000.0
Au-MS21	5	Au ppb: Fuse 30g - ICPMS Finish	FA-ICPMS	1	2000
Ag-ICP41	5	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
Al-ICP41	5	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
As-ICP41	5	As ppm: 32 element, soil & rock	ICP-AES	2	10000
B-ICP41	5	B ppm: 32 element, rock & soil	ICP-AES	10	10000
Ba-ICP41	5	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
Be-ICP41	5	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
Bi-ICP41	5	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
Ca-ICP41	5	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
Cd-ICP41	5	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	500
Co-ICP41	5	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
Cr-ICP41	5	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
Cu-ICP41	5	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
Fe-ICP41	5	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
Ga-ICP41	5	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
Hg-ICP41	5	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
K-ICP41	5	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
La-ICP41	5	La ppm: 32 element, soil & rock	ICP-AES	10	10000
Mg-ICP41	5	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
Mn-ICP41	5	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
Mo-ICP41	5	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
Na-ICP41	5	Na %: 32 element, soil & rock	ICP-AES	0.01	10.00
Ni-ICP41	5	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
P-ICP41	5	P ppm: 32 element, soil & rock	ICP-AES	10	10000
Pb-ICP41	5	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
S-ICP41	5	S %: 32 element, rock & soil	ICP-AES	0.01	10.00
Sb-ICP41	5	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
Sc-ICP41	5	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
Sr-ICP41	5	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
Ti-ICP41	5	Ti %: 32 element, soil & rock	ICP-AES	0.01	10.00
Tl-ICP41	5	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
U-ICP41	5	U ppm: 32 element, soil & rock	ICP-AES	10	10000
V-ICP41	5	V ppm: 32 element, soil & rock	ICP-AES	1	10000
W-ICP41	5	W ppm: 32 element, soil & rock	ICP-AES	10	10000
Zn-ICP41	5	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

ALS Chemex

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

To: CME CONSULTING LTD **

2130 - 21331 GORDON WAY
RICHMOND, BC
V6W 1J9

Project : BLANK
Comments: ATTN: CHRIS NAAS

Page Number :1-A
Total Pages :1
Certificate Date: 12-SEP-2001
Invoice No. :I0123935
P.O. Number :
Account :QWQ

CERTIFICATE OF ANALYSIS A0123935

SAMPLE	PREP CODE	Weight Kg	Au ppb ICP-MS	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm
CME-B-1A	9411 9400	26.22	1	< 0.2	1.34	6	20	60	< 0.5	< 2	0.67	< 0.5	5	62	17	1.85	< 10	< 1	0.11	< 10
CME-B-1B	9411 9400	-----	1	< 0.2	1.32	4	10	60	< 0.5	< 2	0.67	< 0.5	5	66	17	1.79	< 10	< 1	0.11	< 10
CME-B-1C	9411 9400	-----	< 1	< 0.2	1.33	2	10	60	< 0.5	< 2	0.66	< 0.5	5	68	17	1.83	< 10	< 1	0.10	< 10
CME-B-1D	9411 9400	-----	< 1	< 0.2	1.37	< 2	20	60	< 0.5	< 2	0.69	< 0.5	6	70	18	1.89	< 10	< 1	0.11	< 10
CME-B-1E	9411 9400	-----	< 1	< 0.2	1.32	4	10	60	< 0.5	< 2	0.64	< 0.5	5	61	17	1.84	< 10	< 1	0.10	< 10

CERTIFICATION:

ALS Chemex

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

To: CME CONSULTING LTD **

2130 - 21331 GORDON WAY
RICHMOND, BC
V6W 1J9

Project : BLANK
Comments: ATTN: CHRIS NAAS

Page Number :1-B
Total Pages :1
Certificate Date: 12-SEP-2001
Invoice No. : I0123935
P.O. Number :
Account : QWQ

CERTIFICATE OF ANALYSIS A0123935

SAMPLE	PREP CODE	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
CME-B-1A	9411 9400	0.71	305	< 1	0.07	24	430	< 2	0.01	2	4	30	0.11	< 10	< 10	46	< 10	44
CME-B-1B	9411 9400	0.68	300	< 1	0.07	24	420	< 2	0.01	2	4	31	0.11	< 10	< 10	45	< 10	40
CME-B-1C	9411 9400	0.69	300	< 1	0.07	24	430	< 2	< 0.01	< 2	4	31	0.10	< 10	< 10	45	< 10	40
CME-B-1D	9411 9400	0.71	305	< 1	0.08	25	440	< 2	< 0.01	2	4	32	0.11	< 10	< 10	46	< 10	40
CME-B-1E	9411 9400	0.71	305	< 1	0.07	24	430	< 2	< 0.01	2	4	31	0.10	< 10	< 10	45	< 10	40

CERTIFICATION:

APPENDIX VII

STATEMENT OF COSTS

STATEMENT OF COSTS

Pre-January 1st, 2002

Labour Costs

C. Naas	50.5 days @ $500/day		$25,250.00
T. VanderWart	83.75 days @ 350/day		$29,312.50
G. Hawkins	4.5 days @ 450/day		$2,025.00
T. Hawkins	52 days @ 250/day		$13,000.00
B. Wheeler	26 days @ 250/ day		$6,500.00
K. Gibson	17 days @ $250/day		$4,250.00
		Total	**$80,337.50**

Analytical Costs

Acme Analytical Labs of Vancouver, BC		$27,535.34
CDN Resource Labs of Delta, BC		$6,674.42
	Total	**$34,209.76**

Disbursement Costs

Travel		$11,850.05
Courier, Telephone, Supplies, Reproductions, etc		$26,026.71
Fuel		$20,864.04
	Total	**$58,740.80**

Room & Board Costs

Cando International of Whitehorse, YT	**Total**	**$32,720.00**

Equipment Costs

Computer, Satphone, Survey equipment		$8,150.00
Generator		$6,627.18
	Total	**$14,777.18**

Drilling Costs

E. Caron Diamond Drilling of Whitehorse, YT	**Total**	**$209,350.00**

Total Costs of Surface Work for Assessment: $430,135.24

STATEMENT OF COSTS

Post-January 1st, 2002

Labour Costs

C. Naas	2.75 days @ $500/day		$1,375.00
T. VanderWart	19 days @ $350/day		$6,650.00
		Total	**$8,025.00**

Analytical Costs

Acme Analytical Labs of Vancouver, BC		$509.57
Bonder Clegg Labs of North Vancouver, BC		$99.13
	Total	**$608.70**

Disbursement Costs

Courier, Telephone, Supplies, etc	**Total**	**$1,929.06**

Report Costs

	Total	**$20,612.19**

Total Costs of Surface Work for Assessment: $31,174.95

CME



ASSESSMENT REPORT

GEOLOGICAL, GEOCHEMICAL AND DIAMOND DRILLING EXPLORATION on the RACA, WH, KUKU, ERN, CHIEF, TEX, STEN, KIR, OMNI, GLEE, TM, DG, LB, MIL, PUP, MEK, CL, and CHAR Claims

Whitehorse Mining District, Yukon Territory, Canada

NTS 105D/3,4,5,6
60°10'N
135°30'W

094350
V.2

for

TAGISH LAKE GOLD CORP.
2130-21331 Gordon Way
Richmond, BC V6B 2W5

by

Christopher O. Naas, P.Geo.
CME Consulting Ltd.
April 30, 2002

Volume II of II

YUKON ENERGY, MINES
& RESOURCES LIBRARY
P.O. BOX 2703
WHITEHORSE, YUKON Y1A 2C6

APPENDIX I

DEFINITIONS, ABBREVIATIONS AND CONVERSION FACTORS

ABBREVIATIONS AND SYMBOLS

Ag	silver
As	arsenic
Au	gold
Az	azimuth
C$	Canadian dollars
Cd	cadmium
Cu	copper
cm	centimetre
cu. cm	cubic centimetre
cu. m	cubic metre
cu. yd	cubic yard
eq Au	equivalent gold
ft	foot
g	gram
g/cu. m	grams per cubic metre
g/t	grams per metric ton
kg	kilogram
kg/t	kilograms per metric ton
km	kilometre
lb	Pound avoirdupois
m	metre
l	litre
mi	mile
mm	millimetre
n	number of items in a statistical array
oz	troy ounces
oz/cu. yd	troy ounces per cubic yard
oz/T	troy ounces per short ton
Pb	lead
ppb	parts per billion
ppm	parts per million
km^2	square kilometre
Sb	antimony
T	short ton
t	metric ton (tonne)
tpd	short tons per day
t/d	metric tons per day
UTM	Universal Transverse Mercator projection
x	statistical mean
Zn	zinc
%	percent
±	plus or minus
° / ‘ / “	degree/minute/second of arc

CONVERSION FACTORS

Length			
1 millimetre (mm)	0.03937 inches (in)	1 inch (in)	25.40 millimetre (mm)
1 centimetre (cm)	0.394 inches(in)	1 inch (in)	2.540 centimetres (cm)
1 metre (m)	3.281 feet (ft)	1 foot (ft)	0.3048 metres (m)
1 kilometre (km)	0.6214 mile (mi)	1 mile (mi)	1.609 kilometres (km)
Area			
1 sq. centimeter (cm^2)	0.1550 sq. inches (in^2)	1 sq inch (in^2)	6.452 sq. centimetres (cm^2)
1 sq. metre (m^2)	10.76 feet (ft^2)	1 foot (ft)	0.0929 sq. metres (m^2)
1 hectare (ha) (10,000 m^2)	2.471 acres	1 acre	0.4047 hectare (ha)
1 hectare (ha)	0.003861 sq. miles (m^2)	1 sq. mile (m^2)	640 acres
1 hectare (ha)	0.01 sq. kilometre (km^2)	1 sq. mile (m^2)	259.0 hectare (ha)
1 sq. kilometre (km^2)	0.3861 sq. miles (mi^2)	1 sq. mile (m^2)	2.590 sq. kilometres (km^2)
Volume			
1 cu. centimetre (cm^3)	0.06102 cu. inches (in^3)	1 cu. inch (in^3)	16.39 cu. centimetres (cm^3)
1 cu. metre (m^3)	1.308 cu. yards (yd^3)	1 cu. yard (yd^3)	0.7646 cu. metres (m^3)
1 cu. metre (m^3)	35.310 cu. feet (ft^3)	1 cu. foot (ft^3)	0.02832 cu. metres (m^3)
1 litre (l)	0.2642 gallons (U.S.)	1 gallon (U.S.)	3.785 litres (l)
1 litre (l)	0.2200 gallons (U.K.)	1 gallon (U.K.)	4.546 litres (l)
Weights			
1 gram (g)	0.03215 troy ounce (20dwt)	1 troy ounce (oz)	31.1034 grams (g)
1 gram (g)	0.6430 pennyweight (dwt)	1 pennyweight (dwt)	1.555 grams (g)
1 gram (g)	0.03527 oz avoirdupois	1 oz avoirdupois	28.35 grams (g)
1 kilogram (g)	2.205 lb avoirdupois	1 lb avoirdupois	0.4535 kilograms (kg)
1 tonne (t) (metric)	1.102 tons (T) (short ton)	1 ton (T) (short ton) (2000 lb)	0.9072 tonnes (t)
1 tonne (t)	0.9842 long ton	1 long ton (2240 lb)	1.016 tonnes (t)
Miscellaneous			
1 cm/second	0.01968 ft/min	1 ft/min	50.81 cm/second
1 cu. m/second	22.82 million gal/day	1 million gal/day	0.04382 m^3/second
1 cu. m/minute	264.2 gal/min	1 gal/min	0.003785 m^3/minute
1 g/cu. m	62.43 lb/ cu. ft	1 lb/cu. ft^3	0.01602 g/m^3
1 g/cu. m	0.02458 oz/cu. yd	1 oz/cu. yd	40.6817 g/m^3
1 Pascal (Pa)	0.000145 psi	1 psi	6985 Pascal
1 gram/tonne (g/t)	0.029216 troy ounce/ short ton (oz/T)	1 troy ounce/short ton (oz/T)	34.2857 grams/tonne (g/t)
1 g/t	0.583 dwt/short ton	1 dwt/short ton	1.714 g/t
1 g/t	0.653 dwt/long ton	1 dwt/long ton	1.531 g/t
1 g/t	0.0001 %		
1 g/t	1 part per million (ppm)		
1 %	10,000 part per million (ppm)		
1 part per million (ppm)	1,000 part per billion (ppb)		
1 part per billion (ppb)	0.001 part per million (ppm)		

APPENDIX II

CLAIM STATUS

Claim Status: Skukum Property

Claim Name	Grant Number	Expiry Date	Owner	%Owned
RACA 8	Y 60275	February 8, 2004	Omni Resources Inc.	100
RACA 9	Y 60276	February 8, 2004	Omni Resources Inc.	100
RACA 10	Y 60277	February 8, 2004	Omni Resources Inc.	100
RACA 11	Y 60278	February 8, 2004	Omni Resources Inc.	100
POP 1	Y 75415	December 1, 2004	Omni Resources Inc.	100
POP 2	Y 75416	December 1, 2004	Omni Resources Inc.	100
POP 3	Y 75417	December 1, 2003	Omni Resources Inc.	100
POP 4	Y 75418	December 1, 2003	Omni Resources Inc.	100
POP 5	Y 75419	December 1, 2003	Omni Resources Inc.	100
POP 6	Y 75420	December 1, 2005	Omni Resources Inc.	100
POP 7	Y 75421	December 1, 2005	Omni Resources Inc.	100
POP 8	Y 75422	December 1, 2005	Omni Resources Inc.	100
POP 9	Y 75423	December 1, 2005	Omni Resources Inc.	100
POP 10	Y 75424	December 1, 2005	Omni Resources Inc.	100
POP 11	Y 75425	December 1, 2005	Omni Resources Inc.	100
POP 12	Y 75426	December 1, 2005	Omni Resources Inc.	100
POP 13	Y 75427	December 1, 2005	Omni Resources Inc.	100
POP 14	Y 75428	December 1, 2005	Omni Resources Inc.	100
WH 1	Y 75547	September 22, 2007	Omni Resources Inc.	100
WH 2	Y 75548	September 22, 2007	Omni Resources Inc.	100
WH 3	Y 75549	September 22, 2007	Omni Resources Inc.	100
WH 4	Y 75550	September 22, 2007	Omni Resources Inc.	100
WH 5	Y 75551	September 22, 2007	Omni Resources Inc.	100
WH 6	Y 75552	September 22, 2007	Omni Resources Inc.	100
WH 7	Y 75553	September 22, 2007	Omni Resources Inc.	100
WH 8	Y 75554	September 22, 2007	Omni Resources Inc.	100
KUKU 1	YA61199	January 1, 2006	Omni Resources Inc.	100
KUKU 2	YA61200	January 1, 2006	Omni Resources Inc.	100
KUKU 3	YA61201	January 1, 2003	Omni Resources Inc.	100
KUKU 4	YA61202	January 1, 2004	Omni Resources Inc.	100
KUKU 5	YA61203	January 1, 2003	Omni Resources Inc.	100
KUKU 6	YA61204	January 1, 2004	Omni Resources Inc.	100
KUKU 9	YA61207	January 1, 2003	Omni Resources Inc.	100
KUKU 10	YA61208	January 1, 2003	Omni Resources Inc.	100
KUKU 11	YA61209	January 1, 2003	Omni Resources Inc.	100
KUKU 12	YA61210	January 1, 2003	Omni Resources Inc.	100
KUKU 13	YA61211	June 9, 2007	Omni Resources Inc.	100
KUKU 14	YA61212	June 9, 2007	Omni Resources Inc.	100
KUKU 15	YA61213	June 9, 2006	Omni Resources Inc.	100
KUKU 16	YA61214	June 9, 2006	Omni Resources Inc.	100
KUKU 17	YA61215	June 9, 2006	Omni Resources Inc.	100
KUKU 18	YA61216	June 9, 2007	Omni Resources Inc.	100
KUKU 19	YA61217	June 9, 2006	Omni Resources Inc.	100
KUKU 20	YA61218	June 9, 2007	Omni Resources Inc.	100
KUKU 21	YA61219	June 9, 2003	Omni Resources Inc.	100
KUKU 23	YA61221	June 9, 2003	Omni Resources Inc.	100
KUKU 24	YA61222	June 9, 2003	Omni Resources Inc.	100
KUKU 25	YA61223	January 1, 2004	Omni Resources Inc.	100
KUKU 26	YA61224	January 1, 2004	Omni Resources Inc.	100
KUKU 27	YA61225	June 9, 2006	Omni Resources Inc.	100
KUKU 28	YA61226	June 9, 2003	Omni Resources Inc.	100
KUKU 29	YA61227	June 9, 2006	Omni Resources Inc.	100
KUKU 30	YA61228	June 9, 2003	Omni Resources Inc.	100
KUKU 31	YA61229	June 9, 2006	Omni Resources Inc.	100
KUKU 32	YA61230	June 9, 2003	Omni Resources Inc.	100
KUKU 33	YA61231	June 9, 2003	Omni Resources Inc.	100
KUKU 34	YA61232	June 9, 2003	Omni Resources Inc.	100
KUKU 35	YA61233	January 1, 2003	Omni Resources Inc.	100
KUKU 36	YA61234	January 1, 2003	Omni Resources Inc.	100
KUKU 37	YA61235	January 1, 2004	Omni Resources Inc.	100
KUKU 38	YA61236	January 1, 2003	Omni Resources Inc.	100
KUKU 39	YA61237	January 1, 2003	Omni Resources Inc.	100

Claim Status: Skukum Property

Claim Name	Grant Number	Expiry Date	Owner	%Owned
KUKU 40	YA61238	January 1, 2003	Omni Resources Inc.	100
KUKU 41	YA61239	January 1, 2003	Omni Resources Inc.	100
KUKU 43	YA61241	January 1, 2003	Omni Resources Inc.	100
KUKU 45	YA61243	January 1, 2003	Omni Resources Inc.	100
KUKU 46	YA61244	January 1, 2003	Omni Resources Inc.	100
KUKU 47	YA61245	January 1, 2003	Omni Resources Inc.	100
KUKU 48	YA61246	January 1, 2003	Omni Resources Inc.	100
KUKU 50	YA61624	January 1, 2003	Omni Resources Inc.	100
KUKU 65	YA61639	January 1, 2003	Omni Resources Inc.	100
KUKU 66	YA61640	January 1, 2003	Omni Resources Inc.	100
KUKU 97	YA61671	January 1, 2003	Omni Resources Inc.	100
KUKU 98	YA61672	January 1, 2003	Omni Resources Inc.	100
KUKU 99	YA61673	January 1, 2003	Omni Resources Inc.	100
KUKU 100	YA61674	January 1, 2003	Omni Resources Inc.	100
KUKU 194	YA61768	January 1, 2003	Omni Resources Inc.	100
KUKU 196	YA61770	January 1, 2003	Omni Resources Inc.	100
KUKU 197	YA61771	January 1, 2003	Omni Resources Inc.	100
KUKU 198	YA61772	January 1, 2003	Omni Resources Inc.	100
KUKU 199	YA61773	January 1, 2003	Omni Resources Inc.	100
KUKU 250	YA61824	January 1, 2003	Omni Resources Inc.	100
KUKU 251	YA61825	January 1, 2003	Omni Resources Inc.	100
KUKU 282	YA61856	January 1, 2003	Omni Resources Inc.	100
KUKU 283	YA61857	January 1, 2003	Omni Resources Inc.	100
CHIEF 2	YA74385	January 1, 2004	Omni Resources Inc.	100
CHIEF 12	YA74395	January 1, 2004	Omni Resources Inc.	100
CHIEF 13	YA74396	January 1, 2004	Omni Resources Inc.	100
CHIEF 14	YA74397	January 1, 2004	Omni Resources Inc.	100
CHIEF 15	YA74398	January 1, 2004	Omni Resources Inc.	100
CHIEF 16	YA74399	January 1, 2004	Omni Resources Inc.	100
CHIEF 17	YA74400	January 1, 2004	Omni Resources Inc.	100
CHIEF 18	YA74401	January 1, 2004	Omni Resources Inc.	100
CHIEF 19	YA74402	January 1, 2004	Omni Resources Inc.	100
CHIEF 20	YA74403	January 1, 2003	Omni Resources Inc.	100
CHIEF 21	YA74404	January 1, 2004	Omni Resources Inc.	100
CHIEF 22	YA74405	January 1, 2003	Omni Resources Inc.	100
CHIEF 23	YA74406	January 1, 2004	Omni Resources Inc.	100
CHIEF 24	YA74407	January 1, 2004	Omni Resources Inc.	100
CHIEF 25	YA74408	January 1, 2004	Omni Resources Inc.	100
CHIEF 26	YA74409	January 1, 2004	Omni Resources Inc.	100
CHIEF 27	YA74410	January 1, 2004	Omni Resources Inc.	100
CHIEF 32	YA74415	January 1, 2004	Omni Resources Inc.	100
CHIEF 33	YA74416	January 1, 2004	Omni Resources Inc.	100
CHIEF 34	YA74417	January 1, 2004	Omni Resources Inc.	100
CHIEF 35	YA74418	January 1, 2004	Omni Resources Inc.	100
CHIEF 36	YA74419	January 1, 2004	Omni Resources Inc.	100
CHIEF 37	YA74420	January 1, 2004	Omni Resources Inc.	100
CHIEF 38	YA74421	January 1, 2004	Omni Resources Inc.	100
CHIEF 39	YA74422	January 1, 2004	Omni Resources Inc.	100
CHIEF 40	YA74423	January 1, 2004	Omni Resources Inc.	100
CHIEF 41	YA74424	January 1, 2004	Omni Resources Inc.	100
CHIEF 42	YA74425	January 1, 2004	Omni Resources Inc.	100
CHIEF 43	YA74426	January 1, 2004	Omni Resources Inc.	100
CHIEF 44	YA74427	January 1, 2004	Omni Resources Inc.	100
CHIEF 45	YA74428	January 1, 2004	Omni Resources Inc.	100
CHIEF 46	YA74429	January 1, 2004	Omni Resources Inc.	100
CHIEF 47	YA74430	January 1, 2004	Omni Resources Inc.	100
CHIEF 48	YA74431	January 1, 2004	Omni Resources Inc.	100
CHIEF 49	YA74432	January 1, 2004	Omni Resources Inc.	100
CHIEF 52	YA74435	January 1, 2004	Omni Resources Inc.	100
CHIEF 53	YA74436	January 1, 2004	Omni Resources Inc.	100
CHIEF 54	YA74437	January 1, 2004	Omni Resources Inc.	100
CHIEF 55	YA74438	January 1, 2004	Omni Resources Inc.	100

Claim Status: Skukum Property

Claim Name	Grant Number	Expiry Date	Owner	%Owned
CHIEF 56	YA74439	January 1, 2004	Omni Resources Inc.	100
CHIEF 57	YA74440	January 1, 2004	Omni Resources Inc.	100
CHIEF 58	YA74441	January 1, 2004	Omni Resources Inc.	100
CHIEF 59	YA74442	January 1, 2004	Omni Resources Inc.	100
CHIEF 60	YA74443	January 1, 2004	Omni Resources Inc.	100
CHIEF 61	YA74444	January 1, 2004	Omni Resources Inc.	100
CHIEF 62	YA74445	January 1, 2004	Omni Resources Inc.	100
CHIEF 63	YA74446	January 1, 2004	Omni Resources Inc.	100
CHIEF 64	YA74447	January 1, 2004	Omni Resources Inc.	100
CHIEF 65	YA74448	January 1, 2004	Omni Resources Inc.	100
CHIEF 66	YA74449	January 1, 2004	Omni Resources Inc.	100
CHIEF 67	YA74450	January 1, 2004	Omni Resources Inc.	100
CHIEF 68	YA74451	January 1, 2004	Omni Resources Inc.	100
PUP 85	YA78390	January 1, 2004	Omni Resources Inc.	100
POP 15	YA81468	December 1, 2003	Omni Resources Inc.	100
POP 16	YA81469	December 1, 2003	Omni Resources Inc.	100
POP 17	YA81470	December 1, 2003	Omni Resources Inc.	100
POP 18	YA81471	December 1, 2003	Omni Resources Inc.	100
POP 19	YA81472	December 1, 2003	Omni Resources Inc.	100
POP 20	YA81473	December 1, 2003	Omni Resources Inc.	100
POP 21	YA81474	December 1, 2003	Omni Resources Inc.	100
POP 22	YA81475	December 1, 2005	Omni Resources Inc.	100
POP 23	YA81476	December 1, 2005	Omni Resources Inc.	100
POP 24	YA81477	December 1, 2005	Omni Resources Inc.	100
POP 25	YA81478	December 1, 2003	Omni Resources Inc.	100
POP 26	YA81479	December 1, 2005	Omni Resources Inc.	100
POP 27	YA81480	December 1, 2003	Omni Resources Inc.	100
POP 28	YA81481	December 1, 2003	Omni Resources Inc.	100
POP 29	YA81482	December 1, 2005	Omni Resources Inc.	100
POP 30	YA81483	December 1, 2005	Omni Resources Inc.	100
POP 31	YA81484	December 1, 2007	Omni Resources Inc.	100
POP 32	YA81485	December 1, 2005	Omni Resources Inc.	100
POP 33	YA81486	December 1, 2007	Omni Resources Inc.	100
POP 34	YA81487	December 1, 2005	Omni Resources Inc.	100
POP 35	YA81488	December 1, 2007	Omni Resources Inc.	100
POP 36	YA81489	December 1, 2007	Omni Resources Inc.	100
POP 37	YA81490	December 1, 2007	Omni Resources Inc.	100
POP 38	YA81491	December 1, 2007	Omni Resources Inc.	100
POP 39	YA81492	December 1, 2003	Omni Resources Inc.	100
POP 40	YA81493	December 1, 2003	Omni Resources Inc.	100
POP 41	YA81494	December 1, 2002	Omni Resources Inc.	100
POP 42	YA81495	December 1, 2005	Omni Resources Inc.	100
POP 43	YA81496	December 1, 2005	Omni Resources Inc.	100
POP 44	YA81497	December 1, 2005	Omni Resources Inc.	100
POP 45	YA81498	December 1, 2005	Omni Resources Inc.	100
POP 46	YA81499	December 1, 2005	Omni Resources Inc.	100
POP 47	YA81500	December 1, 2005	Omni Resources Inc.	100
POP 48	YA81501	December 1, 2005	Omni Resources Inc.	100
POP 49	YA81502	December 1, 2003	Omni Resources Inc.	100
POP 50	YA81503	December 1, 2007	Omni Resources Inc.	100
POP 51	YA81504	December 1, 2005	Omni Resources Inc.	100
POP 52	YA81505	December 1, 2007	Omni Resources Inc.	100
POP 53	YA81506	December 1, 2005	Omni Resources Inc.	100
POP 54	YA81507	December 1, 2007	Omni Resources Inc.	100
POP 55	YA81508	December 1, 2005	Omni Resources Inc.	100
POP 56	YA81509	December 1, 2005	Omni Resources Inc.	100
POP 57	YA81510	December 1, 2005	Omni Resources Inc.	100
POP 58	YA81511	December 1, 2005	Omni Resources Inc.	100
POP 59	YA81512	December 1, 2007	Omni Resources Inc.	100
POP 60	YA81513	December 1, 2005	Omni Resources Inc.	100
POP 61	YA81514	December 1, 2007	Omni Resources Inc.	100
POP 62	YA81515	December 1, 2005	Omni Resources Inc.	100

Claim Status: Skukum Property

Claim Name	Grant Number	Expiry Date	Owner	%Owned
POP 63	YA81516	December 1, 2003	Omni Resources Inc.	100
POP 64	YA81517	December 1, 2003	Omni Resources Inc.	100
POP 65	YA81518	December 1, 2009	Omni Resources Inc.	100
POP 66	YA81519	December 1, 2009	Omni Resources Inc.	100
POP 67	YA81520	December 1, 2009	Omni Resources Inc.	100
POP 68	YA81521	December 1, 2009	Omni Resources Inc.	100
POP 69	YA81522	December 1, 2005	Omni Resources Inc.	100
POP 70	YA81523	December 1, 2005	Omni Resources Inc.	100
ERN 1	YA81543	September 22, 2004	Omni Resources Inc.	100
ERN 2	YA81544	September 22, 2004	Omni Resources Inc.	100
ERN 3	YA81545	September 22, 2004	Omni Resources Inc.	100
ERN 4	YA81546	September 22, 2004	Omni Resources Inc.	100
ERN 5	YA81547	September 22, 2004	Omni Resources Inc.	100
ERN 6	YA81548	September 22, 2004	Omni Resources Inc.	100
ERN 7	YA81549	September 22, 2004	Omni Resources Inc.	100
ERN 8	YA81550	September 22, 2004	Omni Resources Inc.	100
ERN 9	YA81551	September 22, 2004	Omni Resources Inc.	100
ERN 10	YA81552	September 22, 2004	Omni Resources Inc.	100
ERN 11	YA81553	September 22, 2004	Omni Resources Inc.	100
ERN 12	YA81554	September 22, 2004	Omni Resources Inc.	100
ERN 13	YA81555	September 22, 2004	Omni Resources Inc.	100
ERN 14	YA81556	September 22, 2004	Omni Resources Inc.	100
ERN 15	YA81557	September 22, 2003	Omni Resources Inc.	100
MOM 1	YA81767	December 1, 2002	Omni Resources Inc.	100
MOM 2	YA81768	December 1, 2002	Omni Resources Inc.	100
MOM 3	YA81769	December 1, 2003	Omni Resources Inc.	100
MOM 4	YA81770	December 1, 2003	Omni Resources Inc.	100
MOM 5	YA81771	December 1, 2003	Omni Resources Inc.	100
MOM 6	YA81772	December 1, 2003	Omni Resources Inc.	100
MOM 7	YA81773	December 1, 2003	Omni Resources Inc.	100
MOM 8	YA81774	December 1, 2003	Omni Resources Inc.	100
MOM 9	YA81775	December 1, 2003	Omni Resources Inc.	100
MOM 10	YA81776	December 1, 2003	Omni Resources Inc.	100
MOM 15	YA81781	December 1, 2003	Omni Resources Inc.	100
MOM 16	YA81782	December 1, 2003	Omni Resources Inc.	100
MOM 17	YA81783	December 1, 2003	Omni Resources Inc.	100
MOM 18	YA81784	December 1, 2003	Omni Resources Inc.	100
MOM 19	YA81785	December 1, 2003	Omni Resources Inc.	100
MOM 20	YA81786	December 1, 2003	Omni Resources Inc.	100
MOM 21	YA81787	December 1, 2003	Omni Resources Inc.	100
MOM 22	YA81788	December 1, 2003	Omni Resources Inc.	100
MOM 23	YA81789	December 1, 2003	Omni Resources Inc.	100
MOM 24	YA81790	December 1, 2003	Omni Resources Inc.	100
MOM 25	YA81791	December 1, 2003	Omni Resources Inc.	100
MOM 26	YA81792	December 1, 2003	Omni Resources Inc.	100
MOM 27	YA81793	December 1, 2003	Omni Resources Inc.	100
MOM 28	YA81794	December 1, 2003	Omni Resources Inc.	100
MOM 29	YA81795	December 1, 2003	Omni Resources Inc.	100
MOM 30	YA81796	December 1, 2003	Omni Resources Inc.	100
MOM 31	YA81797	December 1, 2003	Omni Resources Inc.	100
MOM 32	YA81798	December 1, 2003	Omni Resources Inc.	100
MOM 33	YA81799	December 1, 2003	Omni Resources Inc.	100
MOM 34	YA81800	December 1, 2003	Omni Resources Inc.	100
MOM 35	YA81801	December 1, 2003	Omni Resources Inc.	100
MOM 36	YA81802	December 1, 2003	Omni Resources Inc.	100
MOM 37	YA81803	December 1, 2003	Omni Resources Inc.	100
MOM 38	YA81804	December 1, 2003	Omni Resources Inc.	100
MOM 39	YA81805	December 1, 2003	Omni Resources Inc.	100
MOM 40	YA81806	December 1, 2003	Omni Resources Inc.	100
MOM 41	YA81807	December 1, 2003	Omni Resources Inc.	100
MOM 42	YA81808	December 1, 2003	Omni Resources Inc.	100
MOM 43	YA81809	December 1, 2003	Omni Resources Inc.	100

Claim Status: Skukum Property

Claim Name	Grant Number	Expiry Date	Owner	%Owned
MOM 44	YA81810	December 1, 2003	Omni Resources Inc.	100
MOM 47	YA81813	December 1, 2003	Omni Resources Inc.	100
MOM 48	YA81814	December 1, 2003	Omni Resources Inc.	100
MOM 49	YA81815	December 1, 2003	Omni Resources Inc.	100
MOM 50	YA81816	December 1, 2003	Omni Resources Inc.	100
MOM 51	YA81817	December 1, 2003	Omni Resources Inc.	100
MOM 52	YA81818	December 1, 2003	Omni Resources Inc.	100
MOM 53	YA81819	December 1, 2003	Omni Resources Inc.	100
MOM 54	YA81820	December 1, 2003	Omni Resources Inc.	100
MOM 55	YA81821	December 1, 2003	Omni Resources Inc.	100
MOM 56	YA81822	December 1, 2003	Omni Resources Inc.	100
MOM 57	YA81823	December 1, 2003	Omni Resources Inc.	100
MOM 58	YA81824	December 1, 2003	Omni Resources Inc.	100
MOM 59	YA81825	December 1, 2003	Omni Resources Inc.	100
MOM 60	YA81826	December 1, 2003	Omni Resources Inc.	100
MOM 62	YA81828	December 1, 2003	Omni Resources Inc.	100
MOM 63	YA81829	December 1, 2003	Omni Resources Inc.	100
MOM 64	YA81830	December 1, 2003	Omni Resources Inc.	100
MOM 65	YA81831	December 1, 2003	Omni Resources Inc.	100
MOM 66	YA81832	December 1, 2003	Omni Resources Inc.	100
MOM 67	YA81833	December 1, 2003	Omni Resources Inc.	100
MOM 68	YA81834	December 1, 2003	Omni Resources Inc.	100
MOM 69	YA81835	December 1, 2003	Omni Resources Inc.	100
MOM 70	YA81836	December 1, 2003	Omni Resources Inc.	100
MOM 71	YA81837	December 1, 2003	Omni Resources Inc.	100
MOM 72	YA81838	December 1, 2003	Omni Resources Inc.	100
MOM 73	YA81839	December 1, 2003	Omni Resources Inc.	100
MOM 74	YA81840	December 1, 2003	Omni Resources Inc.	100
MOM 75	YA81841	December 1, 2003	Omni Resources Inc.	100
MOM 76	YA81842	December 1, 2005	Omni Resources Inc.	100
MOM 77	YA81843	December 1, 2003	Omni Resources Inc.	100
MOM 78	YA81844	December 1, 2005	Omni Resources Inc.	100
MOM 79	YA81845	December 1, 2003	Omni Resources Inc.	100
MOM 80	YA81846	December 1, 2005	Omni Resources Inc.	100
MOM 81	YA81847	December 1, 2003	Omni Resources Inc.	100
MOM 82	YA82000	December 1, 2003	Omni Resources Inc.	100
MOM 83	YA82001	December 1, 2003	Omni Resources Inc.	100
MOM 84	YA82002	December 1, 2003	Omni Resources Inc.	100
MOM 85	YA82003	December 1, 2003	Omni Resources Inc.	100
MOM 86	YA82004	December 1, 2003	Omni Resources Inc.	100
MOM 87	YA82005	December 1, 2003	Omni Resources Inc.	100
MOM 88	YA82006	December 1, 2003	Omni Resources Inc.	100
MOM 89	YA82007	December 1, 2003	Omni Resources Inc.	100
TECH 1	YA82362	December 1, 2003	Omni Resources Inc.	100
TECH 2	YA82363	December 1, 2003	Omni Resources Inc.	100
TECH 3	YA82364	December 1, 2003	Omni Resources Inc.	100
TECH 4	YA82365	December 1, 2003	Omni Resources Inc.	100
TECH 7	YA82368	December 1, 2003	Omni Resources Inc.	100
TECH 8	YA82369	December 1, 2003	Omni Resources Inc.	100
TECH 9	YA82370	December 1, 2003	Omni Resources Inc.	100
TECH 10	YA82371	December 1, 2002	Omni Resources Inc.	100
TECH 11	YA82372	December 1, 2003	Omni Resources Inc.	100
TECH 12	YA82373	December 1, 2003	Omni Resources Inc.	100
TECH 13	YA82374	December 1, 2003	Omni Resources Inc.	100
TECH 15	YA82376	December 1, 2003	Omni Resources Inc.	100
TECH 16	YA82377	December 1, 2003	Omni Resources Inc.	100
TECH 17	YA82378	December 1, 2003	Omni Resources Inc.	100
TECH 18	YA82379	December 1, 2003	Omni Resources Inc.	100
TREE 1	YA82961	September 22, 2006	Omni Resources Inc.	100
TREE 2	YA82962	September 22, 2006	Omni Resources Inc.	100
TREE 3	YA82963	September 22, 2006	Omni Resources Inc.	100
TREE 4	YA82964	September 22, 2006	Omni Resources Inc.	100

Claim Status: Skukum Property

Claim Name	Grant Number	Expiry Date	Owner	%Owned
TREE 5	YA82965	September 22, 2006	Omni Resources Inc.	100
ERN 16	YA85503	September 22, 2004	Omni Resources Inc.	100
ERN 17	YA85504	September 22, 2004	Omni Resources Inc.	100
ERN 18	YA85505	September 22, 2004	Omni Resources Inc.	100
ERN 19	YA85506	September 22, 2004	Omni Resources Inc.	100
ERN 20	YA85507	September 22, 2004	Omni Resources Inc.	100
ERN 21	YA85508	September 22, 2004	Omni Resources Inc.	100
ERN 22	YA85509	September 22, 2004	Omni Resources Inc.	100
ERN 24	YA85511	September 22, 2004	Omni Resources Inc.	100
ERN 25	YA85512	September 22, 2004	Omni Resources Inc.	100
ERN 26	YA85513	September 22, 2004	Omni Resources Inc.	100
ERN 27	YA85514	September 22, 2004	Omni Resources Inc.	100
ERN 30	YA85515	September 22, 2004	Omni Resources Inc.	100
ERN 31	YA85516	September 22, 2004	Omni Resources Inc.	100
ERN 32	YA85517	September 22, 2004	Omni Resources Inc.	100
ERN 33	YA85518	September 22, 2004	Omni Resources Inc.	100
TECH 19	YA86013	December 1, 2003	Omni Resources Inc.	100
TECH 20	YA86014	December 1, 2003	Omni Resources Inc.	100
TECH 21	YA86015	December 1, 2003	Omni Resources Inc.	100
POP 71	YA86194	December 1, 2003	Omni Resources Inc.	100
POP 72	YA86195	December 1, 2003	Omni Resources Inc.	100
POP 73	YA86196	December 1, 2005	Omni Resources Inc.	100
POP 74	YA86197	December 1, 2005	Omni Resources Inc.	100
POP 75	YA86198	December 1, 2005	Omni Resources Inc.	100
POP 76	YA86199	December 1, 2005	Omni Resources Inc.	100
POP 77	YA86200	December 1, 2008	Omni Resources Inc.	100
POP 78	YA86201	December 1, 2006	Omni Resources Inc.	100
POP 79	YA86202	December 1, 2008	Omni Resources Inc.	100
POP 80	YA86203	December 1, 2006	Omni Resources Inc.	100
POP 81	YA86204	December 1, 2006	Omni Resources Inc.	100
POP 82	YA86205	December 1, 2006	Omni Resources Inc.	100
POP 83	YA86206	December 1, 2003	Omni Resources Inc.	100
POP 84	YA86207	December 1, 2003	Omni Resources Inc.	100
POP 85	YA86208	December 1, 2005	Omni Resources Inc.	100
POP 86	YA86209	December 1, 2005	Omni Resources Inc.	100
POP 87	YA86210	December 1, 2005	Omni Resources Inc.	100
POP 88	YA86211	December 1, 2005	Omni Resources Inc.	100
POP 89	YA86212	December 1, 2005	Omni Resources Inc.	100
POP 90	YA86213	December 1, 2005	Omni Resources Inc.	100
POP 91	YA86214	December 1, 2005	Omni Resources Inc.	100
POP 92	YA86215	December 1, 2005	Omni Resources Inc.	100
POP 93	YA86216	December 1, 2005	Omni Resources Inc.	100
POP 94	YA86217	December 1, 2005	Omni Resources Inc.	100
POP 95	YA86218	December 1, 2005	Omni Resources Inc.	100
POP 96	YA86219	December 1, 2005	Omni Resources Inc.	100
POP 97	YA86220	December 1, 2005	Omni Resources Inc.	100
POP 98	YA86221	December 1, 2005	Omni Resources Inc.	100
POP 99	YA86222	December 1, 2005	Omni Resources Inc.	100
POP 100	YA86223	December 1, 2005	Omni Resources Inc.	100
POP 101	YA86224	December 1, 2005	Omni Resources Inc.	100
POP 102	YA86225	December 1, 2005	Omni Resources Inc.	100
POP 103	YA86226	December 1, 2005	Omni Resources Inc.	100
POP 104	YA86227	December 1, 2005	Omni Resources Inc.	100
TECH 22	YA92145	December 1, 2003	Omni Resources Inc.	100
TECH 23	YA92146	December 1, 2003	Omni Resources Inc.	100
TECH 24	YA92147	December 1, 2003	Omni Resources Inc.	100
TECH 25	YA92148	December 1, 2003	Omni Resources Inc.	100
TECH 26	YA92149	December 1, 2003	Omni Resources Inc.	100
TECH 27	YA92150	December 1, 2003	Omni Resources Inc.	100
TECH 28	YA92151	December 1, 2003	Omni Resources Inc.	100
TECH 29	YA92152	December 1, 2003	Omni Resources Inc.	100
TECH 30	YA92153	December 1, 2003	Omni Resources Inc.	100

Claim Status: Skukum Property

Claim Name	Grant Number	Expiry Date	Owner	%Owned
TECH 31	YA92154	December 1, 2003	Omni Resources Inc.	100
TECH 32	YA92155	December 1, 2003	Omni Resources Inc.	100
TECH 33	YA92156	December 1, 2003	Omni Resources Inc.	100
TECH 34	YA92157	December 1, 2003	Omni Resources Inc.	100
TECH 35	YA92158	December 1, 2003	Omni Resources Inc.	100
TECH 36	YA92159	December 1, 2003	Omni Resources Inc.	100
TECH 37	YA92160	December 1, 2003	Omni Resources Inc.	100
TECH 38	YA92161	December 1, 2003	Omni Resources Inc.	100
TECH 39	YA92162	December 1, 2003	Omni Resources Inc.	100
TECH 40	YA92163	December 1, 2003	Omni Resources Inc.	100
TEX 1	YA92833	September 22, 2003	Omni Resources Inc.	100
TEX 2	YA92834	September 22, 2003	Omni Resources Inc.	100
TEX 3	YA92835	September 22, 2002	Omni Resources Inc.	100
TEX 4	YA92836	September 22, 2003	Omni Resources Inc.	100
TEX 5	YA92837	September 22, 2002	Omni Resources Inc.	100
TEX 6	YA92838	September 22, 2005	Omni Resources Inc.	100
TEX 7	YA92839	September 22, 2004	Omni Resources Inc.	100
TEX 8	YA92840	September 22, 2005	Omni Resources Inc.	100
TEX 9	YA92841	September 22, 2003	Omni Resources Inc.	100
TEX 10	YA92842	September 22, 2005	Omni Resources Inc.	100
TEX 11	YA92843	September 22, 2005	Omni Resources Inc.	100
TEX 12	YA92844	September 22, 2003	Omni Resources Inc.	100
TEX 13	YA92845	September 22, 2003	Omni Resources Inc.	100
TEX 14	YA92846	September 22, 2003	Omni Resources Inc.	100
TEX 15	YA92847	September 22, 2005	Omni Resources Inc.	100
TEX 16	YA92848	September 22, 2005	Omni Resources Inc.	100
TEX 17	YA92849	September 22, 2003	Omni Resources Inc.	100
TEX 18	YA92850	September 22, 2003	Omni Resources Inc.	100
TEX 19	YA92851	September 22, 2003	Omni Resources Inc.	100
TEX 20	YA92852	September 22, 2005	Omni Resources Inc.	100
TEX 21	YA92853	September 22, 2003	Omni Resources Inc.	100
TEX 22	YA92854	September 22, 2002	Omni Resources Inc.	100
STEN 1	YA92922	December 1, 2003	Omni Resources Inc.	100
STEN 2	YA92923	December 1, 2003	Omni Resources Inc.	100
STEN 3	YA92924	December 1, 2003	Omni Resources Inc.	100
STEN 4	YA92925	December 1, 2003	Omni Resources Inc.	100
STEN 5	YA92926	December 1, 2003	Omni Resources Inc.	100
STEN 6	YA92927	December 1, 2003	Omni Resources Inc.	100
STEN 7	YA92928	December 1, 2003	Omni Resources Inc.	100
STEN 8	YA92929	December 1, 2003	Omni Resources Inc.	100
STEN 9	YA92930	December 1, 2003	Omni Resources Inc.	100
STEN 10	YA92931	December 1, 2003	Omni Resources Inc.	100
STEN 11	YA92932	December 1, 2003	Omni Resources Inc.	100
STEN 12	YA92933	December 1, 2003	Omni Resources Inc.	100
STEN 13	YA92934	December 1, 2003	Omni Resources Inc.	100
STEN 14	YA92935	December 1, 2003	Omni Resources Inc.	100
STEN 15	YA92936	December 1, 2003	Omni Resources Inc.	100
STEN 16	YA92937	December 1, 2003	Omni Resources Inc.	100
STEN 17	YA92938	December 1, 2003	Omni Resources Inc.	100
STEN 19	YA92940	December 1, 2005	Omni Resources Inc.	100
STEN 20	YA92941	December 1, 2003	Omni Resources Inc.	100
STEN 21	YA92942	December 1, 2003	Omni Resources Inc.	100
STEN 22	YA92943	December 1, 2003	Omni Resources Inc.	100
STEN 23	YA92944	December 1, 2004	Omni Resources Inc.	100
STEN 24	YA92945	December 1, 2003	Omni Resources Inc.	100
STEN 25	YA92946	December 1, 2003	Omni Resources Inc.	100
STEN 26	YA92947	December 1, 2003	Omni Resources Inc.	100
STEN 27	YA92948	December 1, 2003	Omni Resources Inc.	100
STEN 28	YA92949	December 1, 2003	Omni Resources Inc.	100
STEN 29	YA92950	December 1, 2003	Omni Resources Inc.	100
STEN 30	YA92951	December 1, 2003	Omni Resources Inc.	100
STEN 31	YA92952	December 1, 2003	Omni Resources Inc.	100

Claim Status: Skukum Property

Claim Name	Grant Number	Expiry Date	Owner	%Owned
STEN 32	YA92953	December 1, 2003	Omni Resources Inc.	100
STEN 33	YA92954	December 1, 2003	Omni Resources Inc.	100
STEN 34	YA92955	December 1, 2003	Omni Resources Inc.	100
STEN 35	YA92956	December 1, 2003	Omni Resources Inc.	100
STEN 36	YA92957	December 1, 2003	Omni Resources Inc.	100
STEN 37	YA92958	December 1, 2003	Omni Resources Inc.	100
STEN 38	YA92959	December 1, 2003	Omni Resources Inc.	100
STEN 39	YA92960	December 1, 2003	Omni Resources Inc.	100
STEN 40	YA92961	December 1, 2003	Omni Resources Inc.	100
STEN 41	YA92962	December 1, 2003	Omni Resources Inc.	100
STEN 42	YA92963	December 1, 2003	Omni Resources Inc.	100
STEN 43	YA92964	December 1, 2003	Omni Resources Inc.	100
STEN 44	YA92965	December 1, 2003	Omni Resources Inc.	100
STEN 45	YA92966	December 1, 2003	Omni Resources Inc.	100
KIR 1	YA92967	September 22, 2002	Omni Resources Inc.	100
KIR 2	YA92968	September 22, 2003	Omni Resources Inc.	100
KIR 3	YA92969	September 22, 2003	Omni Resources Inc.	100
KIR 4	YA92970	September 22, 2003	Omni Resources Inc.	100
KIR 5	YA92971	September 22, 2003	Omni Resources Inc.	100
KIR 6	YA92972	September 22, 2003	Omni Resources Inc.	100
KIR 7	YA92973	September 22, 2003	Omni Resources Inc.	100
KIR 8	YA92974	September 22, 2003	Omni Resources Inc.	100
KIR 9	YA92975	September 22, 2003	Omni Resources Inc.	100
KIR 10	YA92976	September 22, 2003	Omni Resources Inc.	100
KIR 11	YA92977	September 22, 2003	Omni Resources Inc.	100
KIR 12	YA92978	September 22, 2003	Omni Resources Inc.	100
KIR 13	YA92979	September 22, 2003	Omni Resources Inc.	100
KIR 14	YA92980	September 22, 2003	Omni Resources Inc.	100
KIR 15	YA92981	September 22, 2003	Omni Resources Inc.	100
KIR 16	YA92982	September 22, 2003	Omni Resources Inc.	100
KIR 17	YA92983	September 22, 2003	Omni Resources Inc.	100
KIR 18	YA92984	September 22, 2003	Omni Resources Inc.	100
KIR 19	YA92985	September 22, 2003	Omni Resources Inc.	100
KIR 20	YA92986	September 22, 2003	Omni Resources Inc.	100
KIR 21	YA92987	September 22, 2003	Omni Resources Inc.	100
KIR 22	YA92988	September 22, 2003	Omni Resources Inc.	100
KIR 23	YA92989	September 22, 2003	Omni Resources Inc.	100
KIR 24	YA92990	September 22, 2003	Omni Resources Inc.	100
KIR 25	YA92991	September 22, 2003	Omni Resources Inc.	100
KIR 26	YA92992	September 22, 2003	Omni Resources Inc.	100
KIR 27	YA92993	September 22, 2002	Omni Resources Inc.	100
KIR 28	YA92994	September 22, 2003	Omni Resources Inc.	100
KIR 29	YA92995	September 22, 2003	Omni Resources Inc.	100
KIR 30	YA92996	September 22, 2003	Omni Resources Inc.	100
KIR 31	YA92997	September 22, 2003	Omni Resources Inc.	100
KIR 32	YA92998	September 22, 2003	Omni Resources Inc.	100
KIR 33	YA92999	September 22, 2003	Omni Resources Inc.	100
KID 163	YA93318	September 22, 2002	Omni Resources Inc.	100
POP_101	YA93378	December 1, 2005	Omni Resources Inc.	100
POP_102	YA93379	December 1, 2005	Omni Resources Inc.	100
POP_103	YA93382	December 1, 2003	Omni Resources Inc.	100
POP_104	YA93383	December 1, 2003	Omni Resources Inc.	100
POP 105	YA93384	December 1, 2005	Omni Resources Inc.	100
POP 106	YA93385	December 1, 2005	Omni Resources Inc.	100
POP 107	YA93386	December 1, 2005	Omni Resources Inc.	100
POP 108	YA93387	December 1, 2005	Omni Resources Inc.	100
POP 109	YA93388	December 1, 2005	Omni Resources Inc.	100
POP 110	YA93389	December 1, 2005	Omni Resources Inc.	100
POP 111	YA93390	December 1, 2005	Omni Resources Inc.	100
POP 112	YA93391	December 1, 2005	Omni Resources Inc.	100
POP 113	YA93392	December 1, 2005	Omni Resources Inc.	100
POP 114	YA93393	December 1, 2005	Omni Resources Inc.	100

Claim Status: Skukum Property

Claim Name	Grant Number	Expiry Date	Owner	%Owned
POP 115	YA93394	December 1, 2005	Omni Resources Inc.	100
POP 116	YA93395	December 1, 2005	Omni Resources Inc.	100
OMNI 1	YA93743	September 22, 2004	Omni Resources Inc.	100
OMNI 2	YA93744	September 22, 2007	Omni Resources Inc.	100
OMNI 3	YA93745	September 22, 2004	Omni Resources Inc.	100
OMNI 4	YA93746	September 22, 2004	Omni Resources Inc.	100
OMNI 5	YA93747	September 22, 2004	Omni Resources Inc.	100
OMNI 6	YA93748	September 22, 2004	Omni Resources Inc.	100
OMNI 7	YA93749	September 22, 2004	Omni Resources Inc.	100
OMNI 8	YA93750	September 22, 2004	Omni Resources Inc.	100
OMNI 9	YA93751	September 22, 2004	Omni Resources Inc.	100
OMNI 10	YA93752	September 22, 2004	Omni Resources Inc.	100
OMNI 11	YA93753	September 22, 2004	Omni Resources Inc.	100
OMNI 12	YA93754	September 22, 2004	Omni Resources Inc.	100
GLEE 1	YA93875	January 1, 2004	Omni Resources Inc.	100
GLEE 2	YA93876	January 1, 2004	Omni Resources Inc.	100
GLEE 3	YA93877	January 1, 2004	Omni Resources Inc.	100
GLEE 4	YA93878	January 1, 2004	Omni Resources Inc.	100
GLEE 5	YA93879	January 1, 2003	Omni Resources Inc.	100
GLEE 6	YA93880	January 1, 2004	Omni Resources Inc.	100
GLEE 7	YA93881	January 1, 2004	Omni Resources Inc.	100
GLEE 8	YA93882	January 1, 2004	Omni Resources Inc.	100
GLEE 9	YA93883	January 1, 2004	Omni Resources Inc.	100
GLEE 10	YA93884	January 1, 2004	Omni Resources Inc.	100
GLEE 11	YA93885	January 1, 2003	Omni Resources Inc.	100
GLEE 12	YA93886	January 1, 2003	Omni Resources Inc.	100
GLEE 16	YA93890	January 1, 2003	Omni Resources Inc.	100
GLEE 17	YA93891	January 1, 2004	Omni Resources Inc.	100
GLEE 18	YA93892	January 1, 2004	Omni Resources Inc.	100
GLEE 19	YA93893	January 1, 2004	Omni Resources Inc.	100
GLEE 20	YA93894	January 1, 2004	Omni Resources Inc.	100
GLEE 22	YA93896	January 1, 2004	Omni Resources Inc.	100
GLEE 37	YA93911	January 1, 2004	Omni Resources Inc.	100
GLEE 38	YA93912	January 1, 2004	Omni Resources Inc.	100
GLEE 39	YA93913	January 1, 2004	Omni Resources Inc.	100
GLEE 40	YA93914	January 1, 2004	Omni Resources Inc.	100
GLEE 41	YA93915	January 1, 2004	Omni Resources Inc.	100
GLEE 42	YA93916	January 1, 2004	Omni Resources Inc.	100
GLEE 43	YA93917	January 1, 2004	Omni Resources Inc.	100
GLEE 44	YA93918	January 1, 2004	Omni Resources Inc.	100
GLEE 45	YA93919	January 1, 2004	Omni Resources Inc.	100
GLEE 46	YA93920	January 1, 2004	Omni Resources Inc.	100
GLEE 59	YA93993	January 1, 2004	Omni Resources Inc.	100
GLEE 60	YA93994	January 1, 2004	Omni Resources Inc.	100
GLEE 61	YA93995	January 1, 2004	Omni Resources Inc.	100
GLEE 62	YA93996	January 1, 2004	Omni Resources Inc.	100
GLEE 63	YA93997	January 1, 2004	Omni Resources Inc.	100
GLEE 64	YA93998	January 1, 2004	Omni Resources Inc.	100
GLEE 65	YA93999	January 1, 2004	Omni Resources Inc.	100
GLEE 66	YA94000	January 1, 2004	Omni Resources Inc.	100
GLEE 67	YA94001	January 1, 2003	Omni Resources Inc.	100
GLEE 68	YA94002	January 1, 2003	Omni Resources Inc.	100
GLEE 69	YA94003	January 1, 2004	Omni Resources Inc.	100
GLEE 70	YA94004	January 1, 2004	Omni Resources Inc.	100
GLEE 71	YA94005	January 1, 2004	Omni Resources Inc.	100
GLEE 72	YA94006	January 1, 2004	Omni Resources Inc.	100
GLEE 73	YA94007	January 1, 2004	Omni Resources Inc.	100
GLEE 74	YA94008	January 1, 2004	Omni Resources Inc.	100
GLEE 75	YA94009	January 1, 2004	Omni Resources Inc.	100
GLEE 76	YA94010	January 1, 2004	Omni Resources Inc.	100
GLEE 77	YA94011	January 1, 2004	Omni Resources Inc.	100
GLEE 78	YA94012	January 1, 2004	Omni Resources Inc.	100

Claim Status: Skukum Property

Claim Name	Grant Number	Expiry Date	Owner	%Owned
GLEE 79	YA94013	January 1, 2003	Omni Resources Inc.	100
GLEE 80	YA94014	January 1, 2003	Omni Resources Inc.	100
MB 1	YA94610	December 1, 2005	Omni Resources Inc.	100
MB 2	YA94611	December 1, 2005	Omni Resources Inc.	100
MB 3	YA94612	December 1, 2005	Omni Resources Inc.	100
POP 117	YA94672	December 1, 2003	Omni Resources Inc.	100
POP 118	YA94673	December 1, 2003	Omni Resources Inc.	100
POP 119	YA94674	December 1, 2003	Omni Resources Inc.	100
POP 120	YA94675	December 1, 2003	Omni Resources Inc.	100
POP 121	YA94676	December 1, 2003	Omni Resources Inc.	100
POP 122	YA94677	December 1, 2002	Omni Resources Inc.	100
BERG 1	YB07446	December 1, 2003	Omni Resources Inc.	100
BERG 2	YB07447	December 1, 2003	Omni Resources Inc.	100
BERG 3	YB07448	December 1, 2003	Omni Resources Inc.	100
BERG 4	YB07449	December 1, 2003	Omni Resources Inc.	100
BERG 5	YB07450	December 1, 2003	Omni Resources Inc.	100
BERG 6	YB07451	December 1, 2003	Omni Resources Inc.	100
BERG 7	YB07452	December 1, 2003	Omni Resources Inc.	100
BERG 8	YB07453	December 1, 2003	Omni Resources Inc.	100
BERG 9	YB07454	December 1, 2003	Omni Resources Inc.	100
BERG 10	YB07455	December 1, 2003	Omni Resources Inc.	100
BERG 11	YB07456	December 1, 2003	Omni Resources Inc.	100
BERG 12	YB07457	December 1, 2003	Omni Resources Inc.	100
BERG 15	YB07460	December 1, 2003	Omni Resources Inc.	100
BERG 16	YB07461	December 1, 2003	Omni Resources Inc.	100
BERG 21	YB07466	December 1, 2003	Omni Resources Inc.	100
BERG 22	YB07467	December 1, 2003	Omni Resources Inc.	100
BERG 29	YB07474	December 1, 2003	Omni Resources Inc.	100
BERG 30	YB07475	December 1, 2003	Omni Resources Inc.	100
BERG 31	YB07476	December 1, 2003	Omni Resources Inc.	100
BERG 32	YB07477	December 1, 2003	Omni Resources Inc.	100
BERG 33	YB07478	December 1, 2003	Omni Resources Inc.	100
BERG 34	YB07479	December 1, 2003	Omni Resources Inc.	100
BERG 35	YB07480	December 1, 2003	Omni Resources Inc.	100
BERG 36	YB07481	December 1, 2003	Omni Resources Inc.	100
BERG 37	YB07482	December 1, 2003	Omni Resources Inc.	100
BERG 38	YB07483	December 1, 2003	Omni Resources Inc.	100
BERG 39	YB07484	December 1, 2003	Omni Resources Inc.	100
BERG 40	YB07485	December 1, 2003	Omni Resources Inc.	100
BERG 41	YB07486	December 1, 2003	Omni Resources Inc.	100
BERG 42	YB07487	December 1, 2003	Omni Resources Inc.	100
BERG 43	YB07488	December 1, 2003	Omni Resources Inc.	100
BERG 44	YB07489	December 1, 2003	Omni Resources Inc.	100
BERG 45	YB07490	December 1, 2003	Omni Resources Inc.	100
BERG 54	YB07499	December 1, 2003	Omni Resources Inc.	100
BERG 56	YB07501	December 1, 2003	Omni Resources Inc.	100
BERG 58	YB07503	December 1, 2003	Omni Resources Inc.	100
BERG 60	YB07505	December 1, 2003	Omni Resources Inc.	100
BERG 62	YB07507	December 1, 2003	Omni Resources Inc.	100
BERG 64	YB07509	December 1, 2003	Omni Resources Inc.	100
BERG 66	YB07511	December 1, 2003	Omni Resources Inc.	100
BERG 68	YB07513	December 1, 2003	Omni Resources Inc.	100
BERG 70	YB07515	December 1, 2003	Omni Resources Inc.	100
BERG 72	YB07517	December 1, 2003	Omni Resources Inc.	100
BERG 74	YB07519	December 1, 2003	Omni Resources Inc.	100
BERG 76	YB07521	December 1, 2003	Omni Resources Inc.	100
BERG 78	YB07523	December 1, 2003	Omni Resources Inc.	100
BERG 80	YB07525	December 1, 2003	Omni Resources Inc.	100
BERG 82	YB07527	December 1, 2003	Omni Resources Inc.	100
BERG 84	YB07529	December 1, 2003	Omni Resources Inc.	100
BERG 86	YB07531	December 1, 2003	Omni Resources Inc.	100
BERG 88	YB07533	December 1, 2003	Omni Resources Inc.	100

Claim Status: Skukum Property

Claim Name	Grant Number	Expiry Date	Owner	%Owned
BERG 90	YB07535	December 1, 2003	Omni Resources Inc.	100
BERG 92	YB07537	December 1, 2003	Omni Resources Inc.	100
BERG 94	YB07539	December 1, 2003	Omni Resources Inc.	100
BERG 95	YB07540	December 1, 2002	Omni Resources Inc.	100
BERG 152	YB07597	December 1, 2003	Omni Resources Inc.	100
BERG 153	YB07598	December 1, 2003	Omni Resources Inc.	100
BERG 154	YB07599	December 1, 2003	Omni Resources Inc.	100
BERG 156	YB07601	December 1, 2003	Omni Resources Inc.	100
BERG 157	YB07602	December 1, 2003	Omni Resources Inc.	100
BERG 158	YB07603	December 1, 2003	Omni Resources Inc.	100
BERG 159	YB07604	December 1, 2003	Omni Resources Inc.	100
BERG 160	YB07605	December 1, 2003	Omni Resources Inc.	100
TECH 6	YB26465	December 1, 2003	Omni Resources Inc.	100
TM 1	YB66866	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 2	YB66867	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 3	YB66868	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 4	YB66869	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 5	YB66870	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 6	YB66871	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 7	YB66872	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 8	YB66873	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 9	YB66874	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 10	YB66875	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 11	YB66876	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 12	YB66877	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 13	YB66878	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 14	YB66879	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 16	YB66881	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 17	YB66882	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 18	YB66883	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 19	YB66884	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 20	YB66885	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 22	YB66886	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 23	YB66887	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 24	YB66888	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 25	YB66889	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 26	YB66890	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 27	YB66891	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 28	YB66892	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 29	YB66893	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 30	YB66894	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 31	YB66895	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 32	YB66896	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 35	YB66899	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 36	YB66900	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 37	YB66901	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 38	YB66902	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 39	YB66903	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 40	YB66904	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 41	YB66905	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 42	YB66906	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 43	YB66907	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 44	YB66908	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 45	YB66909	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 46	YB66910	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 47	YB66911	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 48	YB66912	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 49	YB66913	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 50	YB66914	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 51	YB66915	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 52	YB66916	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 53	YB66917	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50

Claim Status: Skukum Property

Claim Name	Grant Number	Expiry Date	Owner	%Owned
TM 54	YB66918	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 55	YB66919	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 56	YB66920	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 57	YB66921	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 58	YB66922	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 59	YB66923	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 60	YB66924	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 61	YB66925	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 62	YB66926	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 63	YB66927	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 64	YB66928	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 65	YB66929	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 66	YB66930	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 67	YB66931	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 68	YB66932	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 69	YB66933	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 70	YB66934	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 71	YB66935	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 72	YB66936	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 73	YB66937	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 74	YB66938	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 75	YB66939	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 76	YB66940	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 77	YB66941	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 78	YB66942	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 79	YB66943	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 80	YB66944	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 81	YB66945	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 82	YB66946	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 83	YB66947	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 84	YB66948	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 85	YB66949	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 86	YB66950	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 87	YB66951	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 88	YB66952	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 89	YB66953	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 90	YB66954	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 91	YB66955	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 92	YB66956	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 93	YB66957	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 94	YB66958	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 95	YB66959	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 96	YB66960	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 97	YB66961	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 98	YB66962	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 99	YB66963	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 100	YB66964	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 101	YB66965	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 102	YB66966	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 103	YB66967	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 104	YB66968	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 105	YB66969	May 27, 2002	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 106	YB66970	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 107	YB66971	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 108	YB66972	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 109	YB66973	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 110	YB66974	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 111	YB66975	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 112	YB66976	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 113	YB66977	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 114	YB66978	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 115	YB66979	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50

Claim Status: Skukum Property

Claim Name	Grant Number	Expiry Date	Owner	%Owned
TM 116	YB66980	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TM 117	YB66981	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
DG 1	YB66982	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
DG 2	YB66983	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
DG 3	YB66984	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
DG 4	YB66985	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
DG 5	YB66986	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
DG 6	YB66987	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
DG 7	YB66988	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
DG 8	YB66989	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
DG 9	YB66990	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
DG 10	YB66991	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
DG 11	YB66992	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
DG 12	YB66993	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
DG 13	YB66994	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
DG 14	YB66995	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
DG 15	YB66996	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
DG 16	YB66997	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
DG 17	YB66998	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
DG 18	YB66999	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
DG 19	YB67000	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
DG 20	YB67001	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
DG 21	YB67002	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
DG 22	YB67003	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
LB 1	YB67028	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
LB 2	YB67029	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
LB 3	YB67030	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
LB 4	YB67031	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
LB 5	YB67032	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
LB 6	YB67033	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
LB 7	YB67034	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
LB 8	YB67035	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
LB 9	YB67036	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
LB 10	YB67037	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
LB 11	YB67038	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
LB 12	YB67039	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
LB 13	YB67040	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
LB 14	YB67041	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
LB 15	YB67042	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
LB 16	YB67043	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
LB 17	YB67044	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
LB 18	YB67045	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
LB 19	YB67046	May 27, 2002	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
LB 20	YB67047	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
LB 21	YB67048	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
LB 22	YB67049	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
LB 23	YB67050	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
LB 24	YB67051	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
LB 25	YB67052	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
LB 26	YB67053	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
LB 27	YB67054	May 27, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 1	YB67166	December 1, 2002	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 2	YB67167	December 1, 2002	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 3	YB67168	December 1, 2002	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 4	YB67169	December 1, 2002	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 5	YB67170	December 1, 2002	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 6	YB67171	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 7	YB67172	December 1, 2004	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 8	YB67173	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 9	YB67174	December 1, 2004	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 10	YB67175	December 1, 2004	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 11	YB67176	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50

Claim Status: Skukum Property

Claim Name	Grant Number	Expiry Date	Owner	%Owned
MIL 12	YB67177	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 13	YB67178	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 14	YB67179	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 15	YB67180	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 16	YB67181	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 17	YB67182	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 18	YB67183	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 19	YB67184	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 20	YB67185	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 21	YB67186	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 22	YB67187	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 23	YB67188	December 1, 2004	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 24	YB67189	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 25	YB67190	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 26	YB67191	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 27	YB67192	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 28	YB67193	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 29	YB67194	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 30	YB67195	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 31	YB67196	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 32	YB67197	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 33	YB67198	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 34	YB67199	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 35	YB67200	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 36	YB67201	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 37	YB67202	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 38	YB67203	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 39	YB67204	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 40	YB67205	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 41	YB67206	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 42	YB67207	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 43	YB67208	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 44	YB67209	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 45	YB67210	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 46	YB67211	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 47	YB67212	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 48	YB67213	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 49	YB67214	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 50	YB67215	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 51	YB67216	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 52	YB67217	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 53	YB67218	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 54	YB67219	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 55	YB67220	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 56	YB67221	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 57	YB67222	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 58	YB67223	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 59	YB67224	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 60	YB67225	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 61	YB67226	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 62	YB67227	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 63	YB67228	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 64	YB67229	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 65	YB67230	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 66	YB67231	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 67	YB67232	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 68	YB67233	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
MIL 69	YB67234	December 1, 2003	Omni Resources Inc./Trumpeter Yukon Gold Inc.	50/50
TECH 14	YB97763	December 1, 2003	Omni Resources Inc.	100
TECH 5	YB97764	December 1, 2003	Omni Resources Inc.	100
KUKU 22	YB97767	June 18, 2003	Omni Resources Inc.	100
PUP 29	YB97801	June 26, 2004	Omni Resources Inc.	100

Claim Status: Skukum Property

Claim Name	Grant Number	Expiry Date	Owner	%Owned
PUP 30	YB97802	June 26, 2003	Omni Resources Inc.	100
TM 118	YC07981	July 28, 2003	Omni Resources Inc.	100
TM 119	YC07982	July 28, 2003	Omni Resources Inc.	100
TM 120	YC07983	July 28, 2003	Omni Resources Inc.	100
TM 121	YC07984	July 28, 2003	Omni Resources Inc.	100
TM 122	YC07985	July 28, 2003	Omni Resources Inc.	100
TM 123	YC07986	July 28, 2003	Omni Resources Inc.	100
TM 124	YC07987	July 28, 2003	Omni Resources Inc.	100
TM 125	YC07988	July 28, 2003	Omni Resources Inc.	100
TM 126	YC07989	July 28, 2003	Omni Resources Inc.	100
TM 127	YC07990	July 28, 2003	Omni Resources Inc.	100
TM 128	YC07991	July 28, 2003	Omni Resources Inc.	100
TM 129	YC07992	July 28, 2003	Omni Resources Inc.	100
TM 130	YC07993	July 28, 2003	Omni Resources Inc.	100
TM 131	YC07994	July 28, 2003	Omni Resources Inc.	100
TM 132	YC07995	July 28, 2003	Omni Resources Inc.	100
TM 133	YC07996	July 28, 2003	Omni Resources Inc.	100
MEK 1	YC09082	September 8, 2002	Omni Resources Inc.	100
MEK 2	YC09083	September 8, 2002	Omni Resources Inc.	100
MEK 3	YC09084	September 8, 2002	Omni Resources Inc.	100
CL 6	YC14135	April 6, 2003	L. Crittenden	100
CL 7	YC14136	April 6, 2003	L. Crittenden	100
CL 8	YC14137	April 6, 2003	L. Crittenden	100
CL 9	YC14138	April 6, 2003	L. Crittenden	100
CL 10	YC14139	April 6, 2003	L. Crittenden	100
CL 13	YC14140	April 6, 2003	L. Crittenden	100
CL 14	YC14141	April 6, 2003	L. Crittenden	100
CL 15	YC14142	April 6, 2003	L. Crittenden	100
CL 16	YC14143	April 6, 2003	L. Crittenden	100
CL 17	YC14144	April 6, 2003	L. Crittenden	100
CL 18	YC14145	April 6, 2003	L. Crittenden	100
CL 21	YC14148	April 6, 2003	L. Crittenden	100
CL 22	YC14149	April 6, 2003	L. Crittenden	100
CL 23	YC14150	April 6, 2003	L. Crittenden	100
CL 24	YC14151	April 6, 2003	L. Crittenden	100
CL 25	YC14152	April 6, 2003	L. Crittenden	100
CL 26	YC14153	April 6, 2003	L. Crittenden	100
CL 27	YC14154	April 6, 2003	L. Crittenden	100
CL 29	YC14156	April 6, 2003	L. Crittenden	100
CL 30	YC14157	April 6, 2003	L. Crittenden	100
CHAR 1	YC18781	August 8, 2003	C. Naas	100
CHAR 2	YC18782	August 8, 2003	C. Naas	100
CHAR 3	YC18783	August 8, 2003	C. Naas	100
CHAR 4	YC18784	August 8, 2003	C. Naas	100
CHAR 5	YC18785	August 8, 2003	C. Naas	100
CHAR 6	YC18786	August 8, 2003	C. Naas	100
CHAR 7	YC18787	August 8, 2003	C. Naas	100
CHAR 8	YC18788	August 8, 2003	C. Naas	100
CHAR 9	YC18789	August 8, 2003	C. Naas	100
CHAR 10	YC18790	August 8, 2003	C. Naas	100
CHAR 11	YC18791	August 8, 2003	C. Naas	100
CHAR 12	YC18792	August 8, 2003	C. Naas	100
CHAR 13	YC18793	August 8, 2003	C. Naas	100
CHAR 14	YC18794	August 8, 2003	C. Naas	100
CHAR 15	YC18795	August 8, 2003	C. Naas	100
CHAR 16	YC18796	August 8, 2003	C. Naas	100
CHAR 17	YC18797	August 8, 2003	C. Naas	100
CHAR 18	YC18798	August 8, 2003	C. Naas	100
CHAR 19	YC18799	August 8, 2003	C. Naas	100
CHAR 20	YC18800	August 8, 2003	C. Naas	100
CHAR 21	YC18801	August 8, 2003	C. Naas	100
CHAR 22	YC18802	August 8, 2003	C. Naas	100

Claim Status: Skukum Property

Claim Name	Grant Number	Expiry Date	Owner	%Owned
CHAR 23	YC18803	August 8, 2003	C. Naas	100
CHAR 24	YC18804	August 8, 2003	C. Naas	100
CHAR 25	YC18805	August 8, 2003	C. Naas	100
CHAR 26	YC18806	August 8, 2003	C. Naas	100
CHAR 27	YC18807	August 8, 2003	C. Naas	100
CHAR 28	YC18808	August 8, 2003	C. Naas	100
CHAR 29	YC18809	August 8, 2003	C. Naas	100
CHAR 30	YC18810	August 8, 2003	C. Naas	100
CHAR 31	YC18811	August 8, 2003	C. Naas	100
CHAR 32	YC18812	August 8, 2003	C. Naas	100
CHAR 33	YC18813	August 8, 2003	C. Naas	100
CHAR 34	YC18814	August 8, 2003	C. Naas	100
CHAR 35	YC18815	August 8, 2003	C. Naas	100
CHAR 36	YC18816	August 8, 2003	C. Naas	100
CHAR 37	YC18817	August 8, 2003	C. Naas	100
CHAR 38	YC18818	August 8, 2003	C. Naas	100
CHAR 39	YC18819	August 8, 2003	C. Naas	100
CHAR 40	YC18820	August 8, 2003	C. Naas	100
CHAR 41	YC18821	August 8, 2003	C. Naas	100
CHAR 42	YC18822	August 8, 2003	C. Naas	100
CHAR 43	YC18823	August 8, 2003	C. Naas	100
CHAR 44	YC19347	August 22, 2002	C. Naas	100
CHAR 45	YC19348	August 22, 2002	C. Naas	100
CHAR 46	YC19349	August 22, 2002	C. Naas	100
CHAR 47	YC19350	August 22, 2002	C. Naas	100
CHAR 48	YC19351	August 22, 2002	C. Naas	100
CHAR 49	YC19352	August 22, 2002	C. Naas	100
CHAR 50	YC19353	August 22, 2002	C. Naas	100
CHAR 51	YC19354	August 22, 2002	C. Naas	100
CHAR 52	YC19355	August 22, 2002	C. Naas	100

CROWN GRANTS

EXCELSOR	Y05-040301 06010	December 12, 9999	Omni Resources Inc.	100
BLACK ROCK	Y05-040301 22010	December 12, 9999	Omni Resources Inc.	100
SUBURBAN	Y05-040301 23000	December 12, 9999	Omni Resources Inc.	100

APPENDIX III

CERTIFICATES OF ANALYSIS

a. Surface Samples
b. Drill Core Samples
c. Analytical Check Samples

APPENDIX III

CERTIFICATES OF ANALYSIS

a. Surface Samples

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
00801	3	86	104	119	2.0	11	11	751	2.81	34	<8	<2	3	107	2.0	<3	<3	37	5.38	.054	13	8	.50	1070	<.01	<3	1.15	.03	.33	<2	5.2
00802	4	2	21	62	<.3	3	<1	635	1.54	6	<8	<2	4	23	.9	<3	<3	2	1.07	.006	34	24	.06	118	<.01	<3	.64	.06	.26	<2	5.9
00803	111	299	15194	3653	70.5	3	1	107	1.98	532	<8	12	<2	9	41.0	<3	<3	6	.04	.001	1	20	.06	337	<.01	<3	.27	.01	.06	3	10124.0
00804	8	200	2645	469	23.1	12	5	621	2.91	19592	<8	5	<2	35	7.0	6	8	7	1.17	.006	2	26	.21	133	<.01	<3	.39	.01	.07	4	5738.6
00805	17	296	3955	1615	332.1	4	1	617	3.26	1953	<8	<2	2	13	20.8	29	<3	8	.03	.016	4	17	.14	91	<.01	<3	.43	<.01	.11	<2	1839.4
00806	7	50	1040	2359	11.1	17	6	1082	3.68	2617	<8	<2	8	30	40.3	<3	11	59	.37	.085	14	35	1.16	70	.01	<3	1.89	.04	.19	3	229.8
00807	15	161	2876	2676	94.2	4	1	280	3.21	9560	<8	3	3	35	90.1	25	7	8	.06	.025	5	17	.12	21	<.01	<3	.48	.01	.16	3	2224.9
00808	12	361	17109	409	340.6	7	3	225	8.69	9575	<8	<2	6	20	6.7	194	18	24	.06	.045	8	22	.18	45	.01	<3	.67	.01	.26	2	1512.9
00809	3	336	5873	509	354.8	7	<1	347	6.32	14347	<8	6	6	16	10.4	54	31	23	.03	.050	7	93	.14	42	.03	<3	.77	.02	.33	<2	3798.3
00810	23	241	8192	9829	130.4	10	4	770	10.82	92396	<8	9	3	29	202.0	157	5	14	.23	.026	5	90	.26	23	.02	<3	.94	<.01	.19	6	7643.4
00811	29	1975	27736	16700	190.5	6	1	303	8.19	39689	<8	32	2	12	400.7	805	<3	8	.12	.014	4	92	.07	10	.02	<3	.43	<.01	.10	<2	26726.7
00812	32	670	13004	12446	197.1	4	18	193	16.52	67671	<8	8	2	15	217.9	59	77	4	.03	.005	1	16	.02	9	<.01	<3	.17	.01	.05	<2	6422.6
00813	794	294	7682	2776	100.7	3	<1	66	7.74	58343	<8	18	<2	30	50.1	124	10	4	.03	.006	2	17	.02	4	<.01	<3	.14	<.01	.03	21	15797.0
00814	6	772	14706	7629	220.6	9	54	277	12.84	99999	<8	14	<2	55	235.4	207	4	5	.14	.005	1	18	.03	3	<.01	<3	.23	<.01	.05	<2	12191.1
00815	20	158	554	2193	15.6	26	8	2519	6.80	462	<8	<2	9	23	19.7	6	12	57	.27	.079	14	43	1.45	52	.09	<3	3.16	<.01	.33	<2	77.9
STANDARD C3/DS3	27	65	38	164	6.0	39	12	837	3.24	53	22	3	21	28	22.9	19	26	83	.58	.094	19	173	.62	152	.09	18	1.90	.04	.17	15	23.0

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

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

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
00816	125	86	1342	1071	37.0	14	3	1819	4.35	736	<8	<2	4	10	10.9	3	6	38	.18	.045	8	102	.74	27	.04	<3	1.71	.01	.26	19	136.8
00817	4733	52	1027	537	15.0	15	<1	2360	5.43	1895	<8	<2	4	30	30.0	<3	6	65	.09	.028	12	76	1.26	13	.02	<3	2.16	.01	.08	<2	530.6
00818	35	131	1582	4307	119.6	10	12	632	9.51	31370	<8	8	2	13	91.8	73	<3	15	.06	.023	2	121	.18	17	.01	<3	.56	<.01	.14	2	5008.9
00819	31	139	913	4757	21.2	18	9	3324	7.12	2250	<8	<2	8	3	76.7	5	7	55	.20	.086	9	70	1.37	35	.01	<3	2.76	<.01	.31	<2	119.1
00820	12	161	501	2000	14.7	16	6	1776	6.46	236	<8	<2	8	8	18.3	3	10	61	.26	.090	8	89	1.17	47	.08	<3	2.29	.01	.28	<2	33.8
00821	16	243	2655	1616	90.9	13	1	1188	13.37	10327	<8	5	4	8	28.0	13	<3	26	.21	.044	4	61	.54	26	.04	<3	1.24	.01	.16	3	3635.7
00822	1	34	415	1053	11.3	21	12	2206	3.99	878	<8	<2	10	19	11.2	<3	<3	90	.85	.107	14	66	1.62	50	.09	<3	2.19	.04	.23	<2	32.9
00823	5	203	896	8549	47.9	12	13	2460	6.26	929	<8	4	7	4	130.2	4	30	54	.16	.072	8	83	.98	39	<.01	<3	2.14	.01	.28	<2	4440.6
00901	7	34	635	472	8.8	13	9	1067	3.17	877	<8	<2	7	48	17.0	12	<3	18	.24	.085	16	45	.23	384	.03	4	.83	.01	.47	<2	734.9
00902	123	1898	24	38	140.9	6	8	91	2.75	25	<8	<2	5	15	.5	<3	<3	13	.12	.005	4	93	.08	12	.02	<3	.22	.02	.02	45	10.9
00903	3	179	15	65	3.5	7	9	519	2.97	11	<8	<2	14	84	.4	<3	<3	84	1.24	.059	17	44	1.06	43	.17	<3	1.53	.06	.16	<2	4.5
00904	49	27	25	39	1.9	2	<1	104	2.16	38	<8	<2	5	5	<.2	<3	<3	1	.02	.009	29	37	.01	57	<.01	<3	.31	.08	.14	<2	2.7
00905	7	13	30	106	1.3	26	11	575	4.06	16	<8	<2	<2	39	.4	<3	<3	82	1.39	.084	5	107	1.43	46	.18	<3	1.89	.02	.38	29	17.4
00906	8	17	12	88	.6	14	7	806	2.55	13	<8	<2	9	27	.6	<3	<3	64	1.14	.071	13	78	1.03	50	.14	<3	1.35	.06	.11	2	12.6
00907	11	14	84	56	1.3	7	1	539	.35	23	<8	<2	10	23	1.1	3	3	1	.70	.006	12	15	.04	68	.01	<3	.36	.03	.29	3	31.9
00908	101	18	334	22	169.2	7	3	301	1.10	6	<8	<2	<2	25	.5	<3	998	23	.68	.017	3	26	.31	39	.03	<3	.51	.01	.03	2	400.8
00909	2	235	7	85	1.7	17	16	2109	4.02	23	<8	<2	9	61	.4	4	5	41	6.17	.079	21	43	.65	39	.14	6	1.83	.05	.27	6	4.8
00910	5	7	22	70	.3	2	<1	552	1.68	35	<8	<2	5	6	.4	<3	<3	3	.13	.009	29	7	.09	40	.05	<3	.56	.05	.16	<2	10.4
RE 00910	5	7	22	72	.4	1	<1	570	1.74	33	<8	<2	5	7	.4	<3	<3	1	.13	.009	30	7	.09	41	.04	<3	.57	.04	.16	<2	10.2
00911	32	72	54	35	1.1	5	1	94	1.52	20	<8	<2	7	5	<.2	<3	<3	5	.06	.009	30	7	.10	13	.02	<3	.40	.13	.07	2	9.9
00912	25	25	26	36	.7	1	<1	440	1.69	35	<8	<2	5	4	<.2	<3	<3	<1	.03	.005	33	8	.01	38	<.01	<3	.27	.10	.10	<2	8.5
00913	2	4	16	57	<.3	2	<1	469	1.67	10	<8	<2	5	9	.3	<3	<3	<1	.46	.006	37	6	.07	70	.01	<3	.71	.05	.26	<2	4.9
00914	2	12	7	106	<.3	24	12	964	3.84	11	<8	<2	8	36	.2	<3	<3	88	2.38	.093	13	55	1.57	46	.19	<3	2.02	.06	.13	4	5.4
00915	1046	156	1950	2183	24.9	21	9	2959	6.09	2960	<8	<2	7	17	28.0	<3	4	63	.68	.094	18	36	1.45	55	.04	<3	2.84	.01	.40	57	879.7
00916	49	2306	649	10103	16.4	15	91	1390	7.23	136	<8	<2	5	148	109.6	6	61	52	2.18	.064	5	15	.82	59	.07	<3	2.44	.13	.19	<2	22.8
00917	9	223	138	123	3.4	2	2	403	1.56	46	<8	<2	6	9	1.7	<3	4	7	.64	.017	35	7	.06	38	.01	<3	.30	.10	.06	<2	9.7
00918	28	531	797	14787	20.3	15	15	716	12.40	35	<8	<2	2	28	170.6	<3	31	62	.38	.010	3	21	.24	8	.03	<3	.67	.01	.05	22	141.8
00919	5	7	33	106	.7	1	<1	380	1.39	15	<8	<2	10	5	.8	<3	<3	<1	.11	.004	41	7	.01	28	.01	<3	.31	.06	.20	<2	10.6
00920	3	96	769	1479	67.2	10	14	1603	4.03	4152	11	<2	8	69	52.9	8	5	40	.21	.055	23	24	.71	264	.03	<3	1.63	.02	.29	<2	834.1
00921	2	19	69	156	.8	27	21	1132	4.99	37	<8	<2	2	324	1.1	6	<3	45	8.17	.139	15	36	1.60	246	<.01	<3	1.13	.02	.32	<2	3.4
00922	8	17	120	206	2.8	2	2	636	.63	304	<8	<2	10	6	3.4	3	<3	<1	.14	.008	24	9	.04	88	<.01	<3	.33	.01	.28	<2	33.4
00923	<1	26	50	469	.5	22	13	1323	3.84	13	<8	<2	9	103	3.2	<3	<3	77	3.24	.098	16	45	1.79	40	.11	<3	1.88	.05	.09	<2	7.1
00924	12	285	4047	1376	63.2	13	7	1562	10.28	12064	<8	2	3	58	23.7	13	24	15	4.71	.023	4	23	.21	26	<.01	<3	.69	.01	.15	4	1730.8
00925	12	934	18106	6021	230.4	5	5	125	14.04	99999	<8	71	<2	49	142.8	217	12	2	.06	.006	2	15	.05	16	.01	<3	.17	.01	.04	51	70500.0
STANDARD C3/DS3	25	64	34	157	6.2	37	12	794	3.29	54	22	3	20	27	21.9	15	24	80	.58	.094	17	176	.60	149	.09	17	1.82	.04	.18	15	22.0

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

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

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
00926	3	265	837	1866	12.5	17	10	4242	8.82	3606	<8	<2	13	9	33.1	8	5	60	.19	.097	16	31	1.42	32	.02	<3	3.35	.01	.30	<2	257.0
00927	13	333	9299	4407	144.2	12	2	110	4.26	20967	<8	9	<2	39	92.4	55	10	3	.03	.007	2	28	.02	6	.01	<3	.15	.01	.04	7	17317.7
00928	1	36	305	860	7.9	22	14	1447	3.68	644	<8	<2	10	39	13.3	6	4	83	1.29	.096	13	39	1.47	38	.13	<3	2.07	.05	.15	5	144.9
00929	5	3970	24558	1878	207.8	5	34	86	18.63	71473	<8	30	2	58	52.2	119	23	6	.05	.006	2	14	.03	24	.01	<3	.19	.01	.05	8	21124.8
00930	11	106	1568	199	19.1	7	8	85	6.09	55515	<8	9	2	36	9.6	83	<3	5	.05	.020	4	17	.03	52	<.01	<3	.31	.01	.12	2	6602.1
00931	19	1847	23876	3509	383.6	27	14	4514	11.55	687	<8	<2	7	13	8.8	<3	478	125	.14	.057	8	36	2.80	21	.02	<3	4.58	.01	.12	<2	1005.2
00932	15	83	550	1297	10.5	20	4	1085	4.19	10636	<8	<2	3	23	50.2	7	6	45	.20	.091	7	48	.47	20	.01	<3	.99	<.01	.14	<2	1028.7
RE 00932	15	81	549	1288	10.6	19	3	1081	4.17	10614	<8	<2	2	23	49.9	4	3	45	.20	.091	7	49	.47	22	.01	<3	.98	<.01	.14	<2	1037.5
00933	7	118	2731	1565	177.5	15	10	482	6.01	17071	<8	6	3	84	34.1	13	62	22	.10	.024	6	32	.24	18	.02	<3	.69	.01	.17	9	6039.8
00934	3	330	378	9598	30.2	14	9	2041	5.91	5050	<8	<2	9	14	216.2	8	7	35	.16	.070	13	26	.93	35	.02	<3	1.92	.01	.29	<2	501.8
00935	19	380	14504	1736	152.1	20	7	724	6.30	507	13	2	10	65	11.3	<3	5	44	.21	.092	21	29	.58	37	.06	<3	1.73	.03	.30	4	1836.5
00936	1	30	192	2090	2.5	28	24	3971	4.81	340	<8	<2	12	20	42.6	4	<3	64	.81	.097	23	33	1.42	41	.03	<3	2.64	.01	.31	<2	35.2
00937	274	304	8831	1721	202.8	9	7	1051	4.98	9311	34	20	9	134	130.1	38	<3	29	.18	.074	18	14	.20	52	.02	<3	.94	.01	.34	100	5507.9
00938	73	60	1603	335	16.8	14	2	94	2.56	18299	<8	<2	<2	28	12.2	28	4	3	.04	.007	3	34	.02	7	<.01	<3	.16	<.01	.06	218	1337.5
00939	42	58	802	2848	36.4	12	7	1050	1.95	173	<8	<2	<2	11	42.0	<3	67	16	1.08	.011	1	38	.36	11	.03	<3	.62	.01	.05	263	239.5
00940	6	32	973	1764	9.9	17	5	1498	4.10	9735	<8	<2	8	40	32.6	8	<3	32	.19	.039	8	29	.62	31	.02	<3	1.35	.02	.16	6	1237.3
00941	42	1617	8549	1014	335.4	3	<1	86	14.15	51482	23	15	4	584	435.5	151	147	20	.29	.044	5	27	.02	159	<.01	<3	.47	.12	.31	8	12506.2
STANDARD C3/DS3	25	64	34	165	6.1	39	13	839	3.27	53	24	3	21	28	22.4	17	27	83	.56	.093	19	179	.62	156	.09	18	1.83	.04	.17	15	22.0

Sample type: ROCK R150 60C. 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.

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

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A102784R Page 1
2130 - 21331 Gordon Way, Richmond BC V6W 1J9 Submitted by: Chris Naes

SAMPLE#	Ag** gm/mt	Au** gm/mt
00803	66.2	9.37
00804	25.0	6.64
00805	514.3	1.89
00807	90.8	2.48
00808	432.8	1.84
00809	458.7	4.18
00810	123.7	8.74
00811	2997.7	28.74
00812	1027.5	7.85
00813	95.4	16.21
00814	638.2	13.13
STANDARD R-1/AU-1	102.0	3.33

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: ROCK PULP
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 30 2001 DATE REPORT MAILED: Sept 5/01 SIGNED BY ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data FA

SAMPLE#	Ag** gm/mt	Au** gm/mt
00818	113.6	4.31
00821	91.2	4.21
00823	45.1	5.49
00924	60.9	1.93
00925	638.8	56.27
00927	143.2	14.39
00929	721.4	17.84
00930	19.6	7.04
00931	391.2	1.16
00932	9.6	1.15
00933	165.9	5.86
RE 00933	166.5	5.98
00935	147.9	2.09
00937	196.9	5.73
00938	16.1	1.54
00940	10.4	1.45
00941	328.9	13.61
STANDARD R-1/AU-1	101.3	3.41

Sample type: ROCK PULP. 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.

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

GEOCHEMICAL ANALYSIS CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A102884 Page 1

2130 - 21331 Gordon Way, Richmond BC V6W 1J9 Submitted by: Chris Naas

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
00752	1	7	4	117	.3	13	7	626	1.57	9	<8	<2	7	177	.2	<3	3	26	2.03	.058	10	46	.67	1417	.07	3	1.19	.04	.14	2	4.1
00753	49	263	3956	7166	113.0	16	12	2610	4.68	234	<8	<2	7	61	111.0	<3	141	35	1.32	.069	8	46	.81	83	.02	<3	1.37	.02	.28	2	583.6
00754	31	173	4392	6699	121.7	23	7	1206	3.97	120	<8	2	3	126	154.3	11	4	15	1.61	.031	4	62	.56	36	<.01	<3	.55	<.01	.19	<2	1650.3
00755	45	16	918	424	99.0	19	10	3738	3.28	10	<8	<2	4	321	8.5	<3	168	42	8.36	.048	13	36	.96	88	<.01	<3	1.59	.01	.23	<2	46.5
00756	3	40	32	116	1.0	16	12	997	2.31	<2	<8	<2	<2	29	1.9	<3	<3	34	.21	.016	2	92	1.16	71	.03	<3	1.11	<.01	.02	5	6.7
00757	34	1255	11546	3574	252.3	4	17	130	14.33	83202	<8	21	<2	137	121.5	281	9	4	.06	.003	1	63	.05	20	<.01	<3	.23	<.01	.07	<2	20900.0
STANDARD C3/DS3	27	65	35	161	6.2	38	12	823	3.21	54	23	3	21	27	22.6	14	25	78	.54	.096	18	172	.62	147	.09	19	1.85	.03	.16	22	24.8
STANDARD G-2	1	4	4	43	<.3	8	4	584	1.99	<2	<8	<2	5	68	<.2	<3	<3	44	.64	.106	8	81	.63	230	.14	3	.97	.08	.52	3	-

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK R150 60C AU* BY ACID LEACHED, ANALYZE BY ICP-MS. (10 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 27 2001 DATE REPORT MAILED: Aug 31/01 SIGNED BY .....D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data h FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
00942	<1	13	238	376	13.1	106	32	2067	9.37	32	<8	<2	4	28	4.2	<3	151	161	1.27	.104	13	272	3.18	80	.07	<3	4.85	.01	.41	<2	81.9
00943	235	222	19576	1456	305.3	9	<1	196	11.95	20357	30	5	<2	199	265.2	85	28	29	.26	.048	9	91	.05	17	.01	<3	.71	.02	.14	9	4625.7
00944	16	93	996	351	103.5	10	13	290	5.55	17738	<8	<2	<2	15	7.5	21	152	11	.02	.008	2	83	.11	26	.01	<3	.33	.01	.07	6	1051.2
RE 00944	17	95	1015	354	102.3	8	13	291	5.59	17930	<8	<2	<2	15	7.6	21	149	12	.03	.009	2	86	.12	26	.01	<3	.33	.01	.06	7	1066.2
00945	514	224	2492	556	385.8	7	1	238	8.27	134	<8	<2	2	38	7.7	<3	1345	70	.43	.023	3	70	.13	43	.06	<3	.87	.01	.15	2	238.3
00946	181	1428	7289	1986	257.7	3	2	138	9.88	1882	<8	<2	6	7	34.2	<3	89	89	.07	.052	7	67	.06	100	.02	<3	1.19	.01	.18	<2	242.3
00947	8	10	49	46	2.2	2	<1	98	1.16	16	<8	<2	15	2	.2	<3	5	4	.02	.010	14	37	.01	27	<.01	<3	.43	.06	.25	<2	15.6
00948	1	5	32	246	.5	140	30	3558	5.52	2	<8	<2	4	163	.9	<3	<3	95	4.72	.121	14	197	3.25	137	.08	<3	3.76	.03	.26	<2	1.8
00949	1	6	242	57	8.6	6	5	1144	2.11	4	<8	<2	11	89	1.1	<3	13	29	2.50	.040	14	37	.51	87	.01	<3	.69	.10	.06	<2	33.6
00950	9	270	39	79	.4	3	<1	254	18.82	58	<8	<2	4	17	<.2	<3	<3	86	.02	.074	9	30	.41	59	.01	<3	2.43	.03	.10	<2	15.8
STANDARD C3/DS3	27	64	36	160	5.8	37	12	830	3.24	53	25	3	22	28	22.4	18	25	85	.56	.090	19	174	.62	155	.10	18	1.89	.04	.18	20	23.1
STANDARD G-2	1	4	<3	42	<.3	7	4	586	2.01	<2	<8	<2	4	70	<.2	<3	<3	43	.64	.096	8	79	.63	231	.13	<3	.97	.07	.51	<2	-

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

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

Data h FA ___

ACME ANALYTICAL LABORATORIES LTD. [redacted] E. [redacted]STINGS ST. [redacted]COUVER BC [redacted] 1R[redacted] PHONE(6[redacted]53-[redacted] FAX(6[redacted]04)2[redacted]171[redacted]

(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A102884R

2130 - 21331 Gordon Way, Richmond BC V6W 1J9 Submitted by: Chris Naas

SAMPLE#	Ag** gm/mt	Au** gm/mt	Au** gm/mt
00754	116.2	1.70	-
00757	645.6	18.67	-
00943	291.5	4.94	-
00944	100.3	1.16	-
RE 00944	102.6	1.17	-
STANDARD R-1/AU-1	100.5	3.39	-

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: ROCK PULP
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 5 2001 **DATE REPORT MAILED:** Sept 19/01 **SIGNED BY** ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data d FA ___

APPENDIX III

CERTIFICATES OF ANALYSIS

b. Drill Core Samples

[redacted]CME [redacted]LYT[redacted] LA[redacted]ATOR[redacted] LT[redacted] [redacted]E. [redacted]TIN[redacted]T. [redacted]OUV[redacted]C [redacted]1R[redacted] P[redacted](60[redacted]3-3[redacted] FA[redacted]4)2[redacted]716[redacted]

(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103136 Page 1

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
04251	2	6	3	30	<.3	5	8	569	2.26	2	9	<2	17	53	<.2	<3	<3	61	1.31	.049	15	17	.81	185	.07	<3	.95	.07	.14	2	1.3
04252	3	4	4	37	.6	6	9	741	2.17	9	<8	<2	15	69	.2	<3	<3	53	1.96	.053	15	12	.83	166	.05	<3	1.07	.06	.25	<2	6.6
04253	2	5	<3	37	<.3	5	8	696	1.72	5	<8	<2	14	89	<.2	<3	<3	22	2.12	.044	16	14	.75	546	.01	<3	1.10	.04	.27	<2	3.9
04254	2	2	4	39	<.3	6	8	628	1.71	<2	8	<2	14	96	<.2	<3	<3	30	2.10	.045	17	12	.76	896	.02	<3	1.00	.05	.22	<2	1.0
04255	2	5	4	38	<.3	5	9	796	2.25	3	<8	<2	13	99	.2	<3	<3	42	2.39	.052	16	9	.92	405	.03	<3	1.20	.04	.27	<2	.8
04256	3	3	5	44	.5	7	10	820	2.52	20	<8	<2	14	59	<.2	<3	<3	57	1.62	.055	12	16	1.02	94	.08	<3	1.23	.06	.17	2	10.6
04257	2	5	13	46	8.6	5	9	763	2.32	9	<8	<2	13	58	.3	<3	<3	60	1.54	.055	11	13	.88	102	.10	<3	1.09	.06	.15	<2	16.2
04258	3	3	3	34	<.3	7	9	654	2.36	6	<8	<2	14	71	.2	<3	<3	62	1.66	.057	11	18	.91	121	.10	<3	1.13	.06	.15	<2	2.7
04259	2	4	3	31	.3	5	9	631	2.33	2	8	<2	13	79	<.2	<3	<3	55	2.13	.056	11	14	.91	101	.08	<3	1.19	.05	.20	2	.4
04260	3	3	4	39	.4	7	10	549	1.99	2	10	<2	13	68	<.2	<3	<3	38	1.47	.056	10	16	1.11	64	.10	<3	1.39	.05	.13	<2	.8
RE 04260	3	3	5	40	<.3	7	10	550	2.00	2	<8	<2	13	68	<.2	<3	<3	38	1.47	.057	10	13	1.11	64	.10	<3	1.40	.05	.14	2	1.5
RRE 04260	1	4	7	40	.4	5	10	551	2.02	2	9	<2	13	69	<.2	<3	<3	37	1.47	.057	10	15	1.11	64	.10	<3	1.40	.05	.13	<2	.4
04261	2	5	3	56	<.3	7	10	680	2.14	2	<8	<2	13	79	<.2	<3	3	46	1.67	.058	11	16	1.16	62	.09	<3	1.49	.06	.12	<2	.4
04262	2	10	4	66	.5	6	11	734	2.34	2	<8	<2	15	68	<.2	<3	<3	59	1.25	.058	12	12	1.16	70	.11	<3	1.35	.07	.12	<2	1.0
04263	3	4	6	40	<.3	7	10	581	2.44	<2	<8	<2	13	61	<.2	<3	<3	69	1.24	.059	11	15	.91	82	.12	<3	1.18	.08	.13	<2	.5
04264	3	5	6	48	<.3	6	10	679	2.45	<2	<8	<2	14	64	<.2	<3	<3	62	1.70	.059	12	17	1.07	72	.09	<3	1.28	.06	.14	<2	<.2
04265	4	21	9	39	.9	6	10	1223	2.32	32	<8	<2	12	96	.2	<3	<3	42	2.61	.058	10	14	.97	406	.05	<3	1.29	.04	.32	2	19.8
04266	1	70	8	48	1.5	6	9	756	2.55	8	<8	<2	13	81	<.2	<3	<3	56	1.70	.059	11	15	1.03	170	.09	<3	1.32	.06	.19	<2	5.8
04267	3	6	8	46	.4	7	10	767	2.10	3	8	<2	12	91	<.2	<3	<3	42	1.62	.058	12	13	1.13	71	.10	<3	1.51	.05	.16	<2	2.6
04268	2	6	6	49	.3	6	10	1041	2.50	7	8	<2	12	92	<.2	<3	<3	52	2.54	.058	12	17	1.10	90	.07	<3	1.45	.04	.23	<2	3.5
04269	3	5	<3	34	<.3	7	9	585	2.40	<2	<8	<2	12	69	<.2	<3	<3	76	1.25	.058	12	17	.90	116	.12	<3	1.06	.09	.12	<2	2.2
04270	1	7	4	56	1.0	6	11	992	2.50	14	<8	<2	12	81	.2	<3	<3	46	2.85	.059	14	10	1.05	118	.01	<3	1.42	.04	.31	<2	6.6
04271	2	4	<3	36	<.3	7	10	711	2.53	2	<8	<2	12	74	<.2	<3	<3	71	1.80	.058	13	18	.99	110	.08	<3	1.22	.07	.15	<2	2.1
04272	2	12	15	56	5.0	6	11	1082	2.58	17	<8	<2	12	95	<.2	<3	3	54	2.84	.061	14	13	1.03	163	.02	<3	1.32	.04	.25	<2	20.1
04273	2	5	5	53	<.3	7	11	1116	2.57	6	<8	<2	12	97	.2	<3	<3	51	3.01	.060	13	16	1.09	175	.01	<3	1.47	.04	.30	<2	4.8
04274	1	30	3	50	.3	5	12	802	2.60	2	<8	<2	11	71	<.2	<3	<3	51	2.50	.058	15	11	1.09	131	.01	<3	1.39	.04	.25	<2	2.4
RE 04274	1	29	7	48	.5	5	11	773	2.50	3	<8	<2	11	69	<.2	<3	<3	50	2.42	.056	14	12	1.06	124	.01	<3	1.35	.04	.23	<2	1.5
RRE 04274	2	20	6	48	.4	6	11	775	2.45	2	<8	<2	11	70	.2	<3	<3	49	2.44	.057	15	13	1.06	131	.01	<3	1.37	.04	.25	<2	1.6
04275	1	4	<3	39	.3	6	10	808	2.53	3	<8	<2	10	118	<.2	<3	<3	70	2.46	.058	13	13	.99	113	.05	<3	1.61	.04	.14	<2	1.5
04276	1	5	7	45	<.3	6	10	741	2.33	2	<8	<2	10	89	<.2	<3	<3	53	2.50	.056	10	12	.97	98	.05	<3	1.35	.05	.19	<2	2.1
04277	1	86	8	48	1.8	5	11	917	2.39	16	<8	<2	12	101	<.2	<3	<3	42	2.40	.055	12	14	.98	328	.03	<3	1.32	.04	.28	2	5.7
04278	4	17	11	76	2.2	6	11	1738	2.35	11	<8	<2	11	116	1.4	<3	<3	41	2.62	.054	10	12	.96	254	.04	<3	1.30	.04	.29	3	10.0
04279	1	15	10	50	.5	5	10	879	2.26	4	<8	<2	12	86	<.2	<3	3	48	2.09	.055	11	13	.97	81	.07	<3	1.28	.05	.20	<2	2.8
STANDARD DS3	10	127	34	162	.4	39	12	852	3.29	31	8	<2	4	30	5.9	5	6	81	.57	.099	19	189	.63	159	.10	<3	1.84	.04	.18	4	22.8

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE R150 60C AU* BY ACID LEACHED, ANALYZE BY ICP-MS. (10 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 13 2001 **DATE REPORT MAILED:** Sept 21/01 **SIGNED BY** ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data ✓ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
04280	3	7	3	33	<.3	6	9	583	2.52	3	<8	<2	12	105	.2	<3	<3	78	1.16	.060	13	15	.87	173	.14	<3	1.01	.10	.12	2	3.7
04281	2	7	6	32	<.3	5	8	494	2.49	<2	<8	<2	12	106	<.2	<3	<3	79	.89	.059	11	13	.85	48	.14	<3	.93	.09	.09	<2	2.2
04282	2	8	9	42	<.3	6	9	611	2.47	<2	<8	<2	13	85	<.2	<3	<3	72	1.28	.058	12	16	.88	79	.12	3	1.02	.09	.13	2	1.4
04283	2	8	6	44	<.3	5	9	674	2.49	2	<8	<2	13	56	<.2	<3	<3	72	1.42	.059	11	13	.89	63	.11	5	.94	.07	.12	<2	4.0
04284	2	14	3	40	<.3	7	9	715	2.58	<2	<8	<2	13	62	.2	<3	<3	78	1.31	.061	11	16	.90	73	.13	3	1.00	.09	.13	2	1.6
04285	3	12	59	118	8.5	5	10	1323	2.47	45	<8	<2	12	68	1.4	<3	<3	60	2.14	.059	11	10	.79	81	.08	<3	1.03	.05	.26	3	44.2
04286	3	4	6	34	<.3	7	9	573	2.55	<2	<8	<2	12	67	<.2	<3	<3	82	1.36	.060	12	15	.81	112	.15	<3	.97	.09	.12	2	5.2
04287	3	15	11	106	.6	2	11	1138	4.97	4	<8	<2	4	60	<.2	<3	<3	74	1.94	.219	22	1	1.28	74	.19	<3	1.93	.07	.12	4	1.7
04288	4	17	16	233	.5	3	11	981	4.90	3	<8	<2	3	76	.3	5	<3	82	2.00	.217	23	3	1.14	83	.21	<3	1.93	.12	.11	6	2.1
04289	3	13	17	108	<.3	2	11	925	4.26	2	<8	<2	3	103	.2	<3	<3	44	1.80	.222	18	2	1.07	52	.20	<3	1.92	.05	.12	4	.9
04290	3	15	12	106	<.3	2	11	1072	4.84	5	<8	<2	3	66	.4	<3	<3	64	2.20	.217	20	5	1.10	66	.20	<3	1.84	.05	.14	3	2.0
RE 04290	3	14	11	107	.3	2	11	1085	4.90	5	<8	<2	4	67	<.2	<3	<3	63	2.21	.221	21	3	1.11	66	.20	<3	1.87	.05	.14	3	1.4
RRE 04290	4	15	11	111	.3	2	11	1111	5.01	3	<8	<2	3	69	.2	<3	<3	64	2.27	.225	20	1	1.13	66	.20	<3	1.91	.05	.14	4	2.4
04291	4	15	14	105	<.3	2	11	1023	4.82	3	<8	<2	3	60	.3	<3	<3	64	2.07	.220	21	1	1.10	69	.24	<3	1.84	.06	.14	3	1.3
04292	3	15	9	104	.3	2	11	985	4.70	5	<8	<2	4	60	.2	<3	<3	59	2.19	.222	22	1	1.08	73	.25	<3	1.85	.05	.17	3	1.4
04293	3	10	13	99	<.3	6	9	903	3.83	5	<8	<2	5	60	.5	<3	<3	58	2.03	.190	19	9	1.00	69	.22	<3	1.48	.07	.14	3	.5
04294	6	28	22	80	<.3	14	8	643	2.38	2	<8	<2	5	97	.4	<3	<3	60	1.56	.122	13	27	1.00	82	.18	<3	1.28	.14	.12	21	<.2
04295	10	18	14	67	<.3	14	6	493	2.25	<2	<8	<2	5	102	.4	<3	<3	62	1.12	.110	12	29	.89	92	.18	<3	1.29	.18	.18	7	.2
04296	8	70	23	163	.6	15	10	1226	2.53	<2	<8	<2	5	77	.7	<3	<3	55	1.45	.116	13	28	1.02	74	.16	<3	1.11	.11	.11	3	.7
04297	1	8	13	303	.4	7	9	2149	2.51	<2	<8	<2	12	142	3.0	<3	<3	51	2.15	.067	12	10	.96	22	.12	<3	1.06	.08	.02	7	.4
04298	2	6	16	312	.4	8	11	2257	3.22	3	<8	<2	12	95	2.4	<3	<3	58	1.93	.075	15	13	1.09	70	.12	<3	1.09	.09	.09	8	1.1
04299	1	10	14	219	.4	4	8	2102	2.46	6	<8	<2	16	110	.9	<3	<3	47	1.86	.050	12	7	.76	139	.10	<3	.88	.08	.06	6	9.1
04300	1	2	26	533	1.0	4	9	2267	2.42	<2	<8	<2	16	122	7.8	<3	<3	53	2.09	.055	15	7	.78	91	.10	<3	.91	.09	.06	12	2.5
04301	2	28	17	92	3.3	3	5	2370	2.30	38	<8	<2	23	85	1.0	<3	<3	46	2.79	.031	18	5	.41	19	.04	<3	.72	.10	.09	3	77.8
04302	1	3	22	86	2.9	4	8	2471	1.70	57	<8	<2	23	87	.6	<3	<3	19	2.93	.037	13	5	.60	33	.02	<3	.86	.07	.17	3	48.8
RE 04302	2	4	26	87	2.9	4	8	2533	1.75	61	<8	<2	24	89	.8	<3	3	19	3.00	.038	13	9	.62	34	.02	<3	.89	.07	.18	3	47.1
RRE 04302	1	5	23	86	2.8	3	8	2521	1.74	61	<8	<2	24	88	.6	3	<3	19	2.98	.037	14	3	.61	33	.02	<3	.86	.06	.17	2	45.4
04303	8	668	4855	9030	187.3	6	5	1088	3.49	377	<8	9	8	23	124.9	119	5	4	.98	.013	6	14	.31	26	<.01	3	.50	.01	.20	146	6896.9
04304	1	11	163	331	21.5	4	10	3115	2.39	115	<8	<2	22	88	3.3	3	<3	26	3.06	.046	11	3	.76	30	.03	<3	1.10	.05	.21	8	101.4
04305	2	99	1206	1742	210.6	5	9	2736	2.31	78	<8	2	19	75	21.7	8	<3	12	2.56	.038	10	8	.87	40	<.01	<3	1.18	.03	.29	35	2184.2
04306	1	9	28	134	3.0	3	8	2000	2.04	24	<8	<2	19	92	1.1	<3	<3	34	2.78	.043	14	5	.79	73	.05	<3	.93	.08	.10	3	25.2
04307	2	14	13	120	1.5	5	9	1727	2.05	16	8	<2	21	96	.8	<3	<3	43	2.44	.046	14	6	.81	112	.07	<3	.88	.09	.07	4	11.1
04308	2	9	11	216	.7	5	9	1849	2.43	14	<8	<2	18	97	2.8	<3	<3	51	2.65	.050	14	6	.93	157	.07	<3	.96	.08	.06	6	6.6
04309	1	4	8	183	.7	5	10	2033	2.44	11	<8	<2	17	105	1.8	<3	<3	47	2.91	.052	12	7	.94	181	.06	<3	1.10	.08	.08	4	12.5
STANDARD DS3	11	134	35	159	<.3	40	13	894	3.42	34	10	<2	4	31	6.0	3	8	85	.59	.102	20	187	.66	158	.10	<3	1.75	.04	.19	2	22.0

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

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

Data ✓ FA ____

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
04310	2	9	9	66	12.8	3	6	1145	1.16	6	18	<2	29	47	.5	<3	<3	16	1.55	.028	27	8	.42	38	.03	<3	.58	.11	.05	2	107.8
04311	<1	5	7	93	.4	4	9	1790	2.20	4	11	<2	23	77	.4	<3	<3	36	2.48	.045	19	7	.87	47	.04	<3	1.04	.09	.04	3	4.9
04312	1	14	49	123	19.7	4	10	2098	2.23	51	<8	<2	23	85	1.1	<3	<3	31	2.51	.049	20	6	.74	44	.03	<3	1.03	.07	.15	3	90.7
04313	4	1028	122	98	52.0	5	9	2503	1.75	33	<8	<2	10	99	1.7	5	4	11	2.05	.030	5	8	.66	104	.03	<3	.93	.01	.33	4	86.5
04314	2	45	46	85	12.6	5	8	1485	2.22	66	<8	<2	16	61	.8	3	<3	28	1.48	.050	8	9	.79	78	.05	<3	1.14	.02	.30	3	57.8
04315	30	11	40	89	2.0	5	7	911	2.09	12	<8	<2	18	75	1.0	<3	<3	45	1.66	.045	12	13	.72	80	.06	3	.97	.05	.23	3	27.0
04316	12	8	5	42	<.3	5	8	663	2.15	<2	<8	<2	18	61	<.2	<3	<3	51	1.51	.047	13	11	.75	76	.07	<3	.96	.06	.18	2	3.9
04317	20	11	11	46	.3	6	9	977	2.18	7	<8	<2	14	83	.2	<3	<3	40	2.16	.050	13	13	.78	88	.05	<3	1.11	.04	.26	<2	5.6
04318	12	42	12	63	.9	4	9	994	2.13	15	<8	<2	15	78	.3	<3	<3	38	2.11	.049	13	11	.83	77	.04	<3	1.08	.04	.22	2	35.9
04319	2	22	18	56	1.4	6	8	1352	2.25	33	<8	<2	14	71	.3	<3	<3	45	1.90	.050	9	11	.79	79	.05	<3	1.08	.05	.20	3	32.5
04320	1	26	5	67	1.1	5	10	808	2.37	<2	<8	<2	14	75	.2	<3	<3	48	1.96	.055	8	12	1.04	67	.05	<3	1.23	.05	.17	2	2.6
RE 04320	2	26	7	67	.9	5	10	808	2.37	2	<8	<2	14	75	<.2	<3	<3	48	1.96	.055	9	11	1.04	67	.05	<3	1.23	.05	.17	2	3.1
RRE 04320	2	27	9	67	1.0	6	10	798	2.33	2	8	<2	15	75	.3	<3	<3	48	1.94	.056	8	11	1.04	67	.05	3	1.24	.05	.18	2	3.4
04321	<1	6	5	51	<.3	5	8	606	2.30	<2	<8	<2	12	67	.2	<3	3	59	1.55	.058	10	13	.80	73	.08	<3	.95	.06	.14	2	1.8
04322	52	18	8	37	<.3	5	7	525	2.32	5	<8	<2	12	128	.2	<3	<3	59	1.24	.055	11	14	.81	108	.08	<3	.98	.07	.13	<2	4.7
04323	1	42	6	45	.5	5	7	557	2.72	<2	<8	<2	12	169	.4	<3	<3	71	1.70	.060	12	15	.97	143	.07	<3	1.12	.06	.14	2	1.2
04324	2	28	6	63	1.4	6	9	1059	2.39	9	<8	<2	12	97	.2	<3	3	48	2.69	.059	13	12	1.05	106	.02	<3	1.29	.04	.24	2	10.9
04325	2	81	7	62	1.7	5	11	851	1.83	<2	<8	<2	11	67	<.2	<3	<3	33	2.07	.059	10	11	.95	73	.03	<3	1.16	.05	.21	<2	4.0
04326	2	13	6	55	<.3	6	10	706	2.49	<2	<8	<2	11	66	.2	<3	<3	63	1.76	.064	10	13	1.03	67	.09	<3	1.19	.07	.14	<2	1.1
04327	2	11	7	41	<.3	6	10	602	2.33	2	<8	<2	11	86	.2	<3	<3	59	1.63	.064	8	16	1.04	67	.11	<3	1.23	.06	.11	2	1.6
04328	1	28	7	40	.8	6	8	529	2.30	<2	8	<2	12	92	<.2	<3	<3	61	1.22	.063	9	14	.92	70	.12	<3	1.14	.07	.12	<2	.8
04329	1	144	16	57	1.8	6	11	644	2.76	<2	<8	<2	11	64	.3	<3	<3	67	1.28	.060	8	13	1.13	57	.11	<3	1.29	.07	.12	2	1.3
04330	2	549	11	65	8.3	10	16	621	4.23	<2	<8	<2	10	82	.3	<3	<3	57	1.16	.057	9	16	1.27	35	.08	<3	1.47	.05	.09	5	2.5
04331	2	13	8	36	<.3	7	10	583	2.68	<2	<8	<2	12	69	<.2	<3	<3	73	1.46	.066	13	19	1.11	59	.12	<3	1.22	.07	.11	<2	.4
04332	2	15	7	43	<.3	8	11	634	2.67	<2	<8	<2	10	76	<.2	<3	<3	75	1.44	.068	10	20	1.12	56	.13	<3	1.25	.09	.09	13	1.8
RE 04332	2	16	8	43	<.3	8	11	632	2.64	<2	<8	<2	11	76	.2	<3	<3	75	1.43	.067	10	22	1.12	55	.13	<3	1.24	.09	.09	14	1.2
RRE 04332	2	15	7	42	<.3	7	11	622	2.65	<2	<8	<2	10	74	<.2	<3	<3	74	1.40	.067	10	16	1.10	54	.13	<3	1.21	.08	.09	16	.8
04333	2	16	37	67	.3	9	11	1866	2.45	11	<8	<2	10	82	.5	<3	<3	47	1.54	.069	9	20	1.08	61	.11	<3	1.47	.06	.16	2	5.6
04334	1	21	7	41	<.3	8	11	686	2.55	<2	<8	<2	9	95	<.2	<3	<3	59	1.61	.071	10	17	1.23	57	.11	<3	1.36	.06	.10	<2	1.4
04335	2	15	6	38	<.3	9	11	706	2.67	<2	<8	<2	11	106	<.2	<3	<3	77	1.63	.067	11	22	1.12	72	.11	<3	1.31	.08	.10	<2	1.2
04336	2	24	6	47	<.3	8	12	790	2.86	11	<8	<2	12	338	<.2	<3	<3	69	2.15	.069	13	18	1.29	204	.01	<3	1.99	.05	.17	<2	9.4
04337	2	20	4	40	<.3	9	11	695	2.72	<2	8	<2	12	86	<.2	<3	<3	79	1.48	.070	12	22	1.14	73	.12	<3	1.27	.09	.10	<2	1.0
04338	2	26	5	41	.3	8	11	850	2.88	2	9	<2	11	73	<.2	<3	<3	78	2.08	.070	10	18	1.28	61	.09	<3	1.40	.06	.13	<2	2.5
04339	6	32	53	62	27.2	10	20	2213	3.10	161	<8	<2	9	189	.8	<3	<3	28	4.05	.061	9	15	.75	113	.02	<3	1.13	.01	.33	<2	323.0
STANDARD DS3	10	132	37	158	<.3	40	13	881	3.38	31	<8	<2	4	30	6.1	4	5	83	.58	.102	19	190	.65	157	.09	<3	1.79	.04	.18	3	21.0

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

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

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
04340	4	51	5	49	3.2	8	10	1612	2.27	29	<8	<2	10	93	.2	<3	<3	37	2.90	.066	9	20	1.24	63	.05	<3	1.49	.03	.21	<2	23.3
04341	5	22	3	52	.9	9	10	827	2.57	4	<8	<2	10	100	<.2	<3	<3	67	1.71	.067	12	23	1.17	110	.09	<3	1.41	.06	.12	<2	5.7
04342	3	20	5	60	<.3	8	12	889	2.65	2	<8	<2	9	76	<.2	<3	<3	59	2.25	.072	13	19	1.21	110	.05	<3	1.44	.06	.14	<2	3.6
04343	4	42	10	59	.7	9	12	881	2.69	2	<8	<2	9	76	.2	3	<3	67	2.14	.072	10	23	1.21	95	.08	<3	1.47	.06	.15	<2	.9
04344	5	27	11	113	.8	2	11	1132	4.16	2	<8	<2	3	92	.5	<3	<3	39	1.54	.218	16	4	1.03	62	.20	<3	1.99	.04	.13	2	13.8
04345	4	13	12	106	<.3	2	10	966	4.45	<2	<8	<2	2	71	.4	<3	<3	55	2.32	.212	16	4	1.01	82	.17	<3	2.02	.04	.17	2	2.3
04346	3	15	14	106	<.3	1	10	1019	4.56	3	<8	<2	2	71	.4	<3	<3	57	2.13	.207	17	4	1.13	72	.15	<3	2.06	.04	.15	2	1.1
04347	3	17	14	108	<.3	2	10	1034	4.47	5	<8	<2	2	106	.6	<3	<3	56	2.40	.206	19	3	.96	73	.17	<3	1.88	.05	.15	2	1.9
04348	4	16	5	114	<.3	4	10	1093	4.91	6	<8	<2	3	94	.4	<3	<3	63	2.47	.222	22	6	1.04	87	.19	<3	2.04	.05	.17	<2	.5
RE 04348	4	15	8	107	<.3	1	10	1028	4.66	4	<8	<2	3	88	.4	<3	<3	59	2.33	.211	20	5	.98	82	.18	<3	1.94	.05	.16	2	1.6
RRE 04348	4	17	8	109	<.3	2	10	1029	4.65	5	<8	<2	4	90	.4	<3	<3	60	2.35	.212	20	5	.99	86	.18	<3	1.94	.05	.17	3	.8
04351	4	16	11	107	<.3	1	10	1001	4.65	5	<8	<2	3	74	.4	<3	<3	60	2.10	.211	19	3	1.07	74	.17	<3	1.96	.06	.14	2	2.2
04352	4	18	3	106	.4	2	10	1163	4.54	5	<8	<2	3	64	.5	<3	<3	61	2.25	.212	19	5	.96	75	.17	<3	1.99	.06	.12	2	2.4
04353	4	9	6	41	.6	8	11	863	2.85	3	9	<2	10	78	<.2	<3	<3	78	2.10	.067	10	20	1.18	104	.08	<3	1.36	.07	.12	<2	13.5
04354	2	7	5	42	<.3	8	12	773	2.59	4	<8	<2	10	88	<.2	<3	<3	66	2.06	.068	13	20	1.27	164	.06	<3	1.38	.06	.15	<2	1.0
04355	3	10	<3	42	<.3	8	12	755	2.77	2	<8	<2	9	88	<.2	<3	<3	72	2.15	.068	13	24	1.29	156	.04	<3	1.41	.07	.14	<2	3.4
04356	3	16	<3	47	<.3	9	13	919	2.84	2	<8	<2	9	96	<.2	<3	<3	66	2.65	.070	14	27	1.42	166	.03	<3	1.59	.06	.17	<2	1.4
STANDARD DS3	11	121	33	153	<.3	37	12	815	3.13	30	<8	<2	3	28	5.5	4	5	77	.54	.093	17	191	.60	152	.09	<3	1.73	.04	.17	4	23.7

Sample type: CORE R150 60C. 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

[redacted]ME [redacted]YTI[redacted] LAB[redacted]TORI[redacted]LTD[redacted] 8[redacted]E. H[redacted]ING[redacted]. V[redacted]UVE[redacted]C V[redacted]1R6[redacted] PH[redacted](604[redacted]3-31[redacted]FAX[redacted])25[redacted]16 [redacted]
(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103136R

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Ag** gm/mt	Au** gm/mt
04303	1777.1	7.50
04305	254.7	2.34
RE 04305	242.8	2.28

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: CORE PULP
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 25 2001 **DATE REPORT MAILED:** Oct 3/01 **SIGNED BY** ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data 1 FA ___

[redacted]CME [redacted]LYT[redacted] LA[redacted]TOR[redacted] LTD[redacted] [redacted]E. [redacted]ING[redacted]T. V[redacted]DUV[redacted]C [redacted]1R6[redacted] PH[redacted](60[redacted]3-3[redacted] FAX[redacted])25[redacted]716[redacted]
(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103136R2

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Ag** gm/mt	Au** gm/mt
04304	19.7	.11

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: CORE PULP

DATE RECEIVED: NOV 2 2001 **DATE REPORT MAILED:** Nov 7/01 **SIGNED BY.** C. Leong .D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data V FA V/W5

[redacted]ME [redacted]LYTI[redacted] LA[redacted]TOR[redacted]LTD[redacted] 8[redacted]E. [redacted]ING[redacted]. V[redacted]OUVE[redacted]C [redacted]1R6[redacted] PH[redacted](604[redacted]3-3[redacted]FAX[redacted])25[redacted]16[redacted]

(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103166 Page 1

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
SI	<1	6	4	3	<.3	3	<1	24	.21	<2	<8	<2	<2	3	<.2	<3	<3	1	.12	<.001	<1	7	.01	5	<.01	<3	.01	.54	.01	<2	<.2
04357	1	9	5	47	<.3	9	14	943	2.80	7	<8	<2	9	93	<.2	<3	<3	64	3.14	.074	16	23	1.30	490	.03	<3	1.49	.05	.18	2	2.8
04358	<1	9	<3	48	<.3	9	13	908	2.94	<2	<8	<2	8	85	.3	<3	<3	77	2.13	.077	12	22	1.33	104	.07	<3	1.48	.07	.14	2	1.9
04359	2	13	3	41	.6	9	11	937	2.49	8	<8	<2	7	91	.2	<3	<3	65	2.07	.079	11	23	1.12	103	.09	<3	1.40	.07	.19	2	11.2
04360	13	7	26	61	.3	1	1	308	1.12	3	<8	<2	4	36	.4	<3	<3	3	.84	.005	31	9	.07	90	.01	<3	.39	.06	.22	2	2.1
04361	<1	10	7	46	<.3	11	12	808	2.66	<2	<8	<2	10	84	.4	<3	<3	67	2.13	.078	14	28	1.33	78	.11	<3	1.60	.07	.17	2	2.1
04362	5	3	22	46	<.3	3	2	600	1.21	<2	<8	<2	5	69	.3	<3	<3	8	1.86	.015	29	7	.26	79	.01	<3	.62	.05	.24	2	1.5
04363	<1	7	4	46	<.3	10	12	815	2.62	<2	<8	<2	10	90	<.2	3	<3	63	2.03	.077	14	25	1.38	93	.09	<3	1.61	.07	.14	2	.4
04364	1	16	6	43	.4	9	11	758	2.47	2	8	<2	10	66	<.2	<3	<3	67	1.52	.078	12	24	1.22	88	.11	<3	1.42	.08	.12	<2	.9
04365	2	13	3	38	<.3	10	11	631	2.51	2	<8	<2	11	79	.3	<3	<3	77	1.50	.080	11	27	1.12	116	.14	<3	1.35	.10	.14	2	1.3
04366	2	15	5	39	.3	10	11	656	2.48	<2	<8	<2	11	69	<.2	<3	<3	67	1.77	.077	11	26	1.17	186	.11	<3	1.35	.07	.13	<2	1.0
RE 04366	1	13	<3	38	<.3	10	11	656	2.48	<2	<8	<2	11	70	.2	<3	<3	69	1.77	.076	11	23	1.17	185	.11	<3	1.35	.07	.13	<2	.6
RRE 04366	<1	14	<3	41	<.3	10	11	657	2.50	<2	<8	<2	11	70	.3	3	<3	70	1.77	.077	11	25	1.18	192	.11	<3	1.37	.07	.12	2	.7
04367	<1	11	5	47	.6	9	13	1173	2.34	3	<8	<2	11	118	.2	3	<3	36	3.70	.074	18	20	1.33	92	.01	3	1.56	.03	.23	<2	.9
04368	1	8	4	41	.4	9	12	796	2.48	2	8	<2	11	85	.2	<3	<3	63	2.02	.068	14	30	1.24	318	.08	<3	1.48	.07	.18	2	1.1
04369	1	5	<3	45	<.3	7	10	916	2.52	2	<8	<2	12	78	.3	<3	<3	62	2.29	.064	14	21	1.14	288	.06	<3	1.32	.05	.17	2	1.4
04370	3	6	6	51	.3	9	11	1124	2.40	6	8	<2	12	93	.3	<3	<3	47	2.48	.066	16	20	1.13	649	.03	<3	1.43	.04	.26	<2	2.4
04371	<1	6	7	45	<.3	6	11	880	2.44	2	<8	<2	11	86	<.2	3	<3	54	2.25	.061	12	15	1.16	395	.06	<3	1.34	.05	.15	<2	2.2
04372	1	10	8	52	<.3	6	10	924	2.50	2	<8	<2	11	105	.3	<3	<3	57	2.87	.062	14	13	1.23	147	.04	<3	1.44	.05	.14	<2	3.3
04373	2	10	<3	39	<.3	5	10	782	2.56	3	<8	<2	12	66	<.2	<3	<3	69	1.72	.061	12	13	1.05	142	.07	<3	1.13	.06	.12	2	5.4
04374	<1	6	4	46	<.3	6	10	918	2.46	5	<8	<2	11	97	<.2	<3	<3	60	2.45	.064	14	14	1.22	293	.06	<3	1.35	.06	.10	<2	2.9
04375	<1	7	<3	50	<.3	5	11	985	2.54	2	<8	<2	11	104	.2	<3	<3	54	2.83	.066	14	10	1.23	457	.04	<3	1.37	.05	.12	2	2.0
04376	2	6	<3	40	.3	5	11	1014	2.57	2	<8	<2	11	121	.3	<3	<3	54	2.91	.059	13	14	1.06	308	.04	<3	1.25	.04	.18	<2	3.4
04377	3	10	6	45	<.3	6	10	853	2.35	4	<8	<2	10	99	<.2	<3	<3	51	2.32	.062	14	13	.97	483	.04	<3	1.26	.04	.19	2	2.2
04378	1	5	<3	42	.3	6	11	840	2.38	3	<8	<2	11	124	.2	<3	<3	45	2.43	.061	15	13	1.07	786	.02	<3	1.37	.04	.22	<2	2.8
RE 04378	2	6	6	44	<.3	6	11	852	2.42	3	<8	<2	11	125	<.2	<3	<3	45	2.47	.062	15	12	1.09	782	.02	<3	1.39	.04	.22	2	1.5
RRE 04378	1	6	5	41	<.3	5	11	827	2.35	<2	<8	<2	10	120	.2	3	<3	43	2.37	.061	14	10	1.06	753	.02	<3	1.33	.04	.20	<2	1.2
04379	2	5	6	39	.3	6	10	1052	2.05	<2	<8	<2	11	193	.3	3	<3	23	3.37	.057	18	12	.93	874	<.01	<3	1.32	.02	.35	<2	4.1
04380	<1	1	<3	46	<.3	5	11	861	2.41	<2	<8	<2	10	163	.2	3	<3	39	2.97	.060	15	11	1.15	978	.01	<3	1.37	.03	.20	<2	1.3
04381	<1	10	<3	60	.6	13	20	1132	3.75	<2	<8	<2	3	175	.3	3	<3	115	3.12	.083	9	55	2.17	556	.13	<3	2.08	.05	.13	<2	8.6
04382	<1	4	3	45	<.3	4	12	885	2.47	2	<8	<2	9	114	.4	3	<3	37	2.81	.062	17	12	1.21	300	.01	<3	1.49	.03	.21	<2	1.7
04383	1	4	<3	39	<.3	6	10	777	2.53	3	<8	<2	10	108	<.2	3	<3	62	2.10	.062	15	13	1.13	321	.04	<3	1.30	.05	.17	<2	2.2
04384	<1	5	<3	38	<.3	4	10	722	2.39	<2	<8	<2	11	87	<.2	<3	<3	61	1.88	.061	15	11	1.08	255	.05	<3	1.18	.05	.13	<2	1.7
04385	1	4	<3	44	.4	5	11	856	2.40	2	<8	<2	10	149	.4	3	<3	39	3.15	.059	16	10	1.04	337	<.01	<3	1.35	.03	.24	<2	4.5
STANDARD DS3	8	125	37	159	.3	38	12	832	3.22	31	<8	2	4	28	5.8	5	5	80	.55	.097	18	191	.61	176	.09	4	1.76	.04	.17	5	19.1

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE R150 60C AU* BY ACID LEACHED, ANALYZE BY ICP-MS. (10 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 14 2001 **DATE REPORT MAILED:** Sept 29/01 **SIGNED BY** ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data ✓ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
04386	2	22	583	338	134.9	5	12	1145	2.73	48	8	<2	10	155	6.8	3	<3	26	3.27	.057	8	8	.95	212	<.01	<3	1.25	.03	.28	6	1577.8
04387	2	43	725	526	210.9	6	11	1132	2.61	47	<8	3	11	160	10.5	5	<3	32	3.26	.059	10	13	.96	289	<.01	<3	1.34	.03	.28	11	1964.1
04388	3	6	24	51	2.0	6	11	964	2.38	7	<8	<2	11	173	.3	<3	<3	35	3.06	.063	16	11	1.07	687	<.01	<3	1.28	.04	.31	<2	15.3
04389	1	5	8	52	.4	6	11	920	2.49	6	<8	<2	10	153	<.2	<3	<3	23	2.88	.064	16	11	1.10	667	<.01	<3	1.23	.03	.26	2	8.0
04390	3	7	6	59	.5	6	11	968	2.43	6	<8	<2	10	178	.3	<3	<3	32	3.18	.063	15	13	1.02	479	<.01	<3	1.27	.03	.28	<2	1.9
04391	9	25	257	116	6.3	6	12	2373	2.44	212	<8	<2	11	157	1.6	4	<3	6	2.94	.068	14	7	.82	109	<.01	3	.64	.02	.30	3	215.5
04392	4	12	238	293	18.8	6	10	4405	2.56	3568	21	<2	9	165	4.3	6	<3	4	3.39	.054	8	7	.84	91	<.01	3	.47	.01	.30	7	598.8
04393	1	6	48	96	2.1	5	11	2435	2.29	50	8	<2	11	180	.7	<3	<3	3	3.46	.057	11	9	1.00	83	<.01	3	.57	.01	.29	2	7.7
04394	19	55	1082	1738	48.6	10	13	2225	3.52	6923	<8	3	6	198	28.8	7	<3	7	3.29	.062	6	13	1.02	65	<.01	<3	.52	.01	.30	37	895.0
04395	69	61	2483	2121	77.4	6	9	2759	4.13	12602	<8	5	8	167	36.1	12	3	3	2.57	.047	6	7	.77	69	<.01	<3	.35	.01	.28	44	2969.4
RE 04395	69	60	2509	2140	82.3	5	9	2787	4.16	12587	<8	3	8	169	36.6	12	<3	3	2.60	.047	6	5	.78	69	<.01	<3	.35	.01	.28	44	2772.4
RRE 04395	68	59	2592	2065	78.7	7	9	2784	4.19	12853	<8	3	9	167	34.7	14	<3	3	2.58	.049	5	9	.77	72	<.01	<3	.36	.01	.29	44	2736.6
04396	34	28	1244	1444	27.3	9	11	2790	2.56	4510	<8	<2	10	175	25.4	5	<3	5	2.46	.059	10	6	.51	85	<.01	<3	.39	.01	.32	31	673.0
04397	7	7	74	100	1.7	4	1	1135	.60	35	<8	<2	6	109	2.9	<3	<3	<1	1.46	.008	13	6	.09	170	<.01	<3	.29	.01	.31	3	86.1
04398	5	9	107	199	.9	1	<1	767	.31	12	<8	<2	7	76	6.2	<3	<3	<1	1.15	.005	13	4	.01	147	<.01	<3	.26	.01	.30	5	91.6
04401	6	8	103	174	.8	3	1	804	.47	12	8	<2	7	88	5.6	<3	<3	<1	1.46	.005	12	11	.02	107	<.01	3	.28	.01	.31	3	87.6
04402	5	9	30	83	1.2	2	5	1120	1.89	8	9	<2	5	194	1.4	<3	<3	2	2.32	.082	15	4	.26	84	<.01	<3	.41	.01	.30	2	6.7
04403	3	13	13	69	.6	1	9	1253	3.61	4	<8	<2	3	227	.3	<3	3	6	2.83	.205	19	3	.53	263	<.01	<3	.69	.01	.40	<2	2.5
04404	2	16	14	88	<.3	2	9	1309	3.88	<2	<8	<2	4	274	.5	<3	<3	10	2.93	.226	25	3	.54	146	<.01	<3	1.08	.01	.39	3	1.6
04405	6	19	278	218	6.3	7	5	1317	1.16	17	<8	<2	6	140	4.3	<3	<3	3	1.84	.038	13	11	.30	665	<.01	3	.44	.01	.36	5	194.1
04406	7	7	71	77	.9	2	1	798	.52	8	<8	<2	6	139	2.3	<3	<3	<1	1.40	.008	14	6	.06	102	<.01	<3	.27	.01	.31	2	44.7
04407	8	6	117	222	1.0	4	1	622	.43	18	<8	<2	7	128	6.3	<3	<3	<1	1.23	.005	13	9	.02	100	<.01	<3	.29	.01	.33	5	96.2
04408	10	7	59	93	.9	2	1	490	.41	9	<8	<2	7	86	2.4	<3	<3	<1	.82	.006	14	6	.02	70	<.01	3	.28	.01	.29	<2	64.7
RE 04408	10	7	55	93	.9	2	<1	493	.41	12	<8	<2	7	86	2.6	<3	<3	<1	.83	.005	14	8	.02	71	<.01	<3	.27	.01	.30	2	56.3
RRE 04408	11	5	55	81	1.0	3	<1	490	.39	10	8	<2	8	86	2.3	<3	<3	<1	.82	.005	14	9	.02	76	<.01	<3	.30	.01	.31	2	77.6
04409	10	11	64	62	.9	2	1	789	.61	11	12	<2	8	122	1.8	<3	<3	1	1.19	.012	19	9	.06	85	<.01	<3	.35	.01	.31	<2	31.8
04410	20	17	98	129	3.0	13	10	2097	1.90	21	<8	<2	11	247	2.1	<3	<3	7	3.25	.067	17	10	.42	96	<.01	<3	.64	.01	.36	<2	19.4
04411	19	9	62	65	1.7	9	5	1789	1.49	7	<8	<2	9	180	1.2	<3	<3	3	2.42	.041	13	9	.36	69	<.01	<3	.43	.01	.29	<2	12.0
04412	15	17	58	85	1.1	4	3	655	1.11	6	<8	<2	10	59	2.1	<3	<3	2	.77	.018	10	10	.15	79	<.01	<3	.53	.01	.31	2	14.7
04413	7	5	73	141	1.3	2	1	828	.33	12	24	<2	8	125	4.0	<3	<3	1	1.43	.004	6	9	.01	52	<.01	<3	.24	<.01	.26	3	36.6
STANDARD DS3	8	123	33	155	<.3	37	12	825	3.18	28	8	<2	3	26	5.7	5	6	76	.52	.095	17	190	.60	172	.08	<3	1.69	.03	.16	3	20.4

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

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

Data A FA ___

[redacted]ME [redacted]LYTI[redacted] LA[redacted]TOR[redacted] LTD[redacted] 8[redacted]E. [redacted]ING[redacted]. V[redacted]OUVE[redacted]C V[redacted]1R6[redacted] PH[redacted](604)[redacted]-31[redacted] FAX(604)252-1716
(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103166R

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Ag** gm/mt	Au** gm/mt
04386	128.2	1.92
04387	192.2	2.37
04395	67.0	3.19
RE 04395	67.3	2.93
STANDARD R-1/AU-1	98.8	3.37

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: CORE PULP
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 3 2001 **DATE REPORT MAILED:** Oct 11/01 **SIGNED BY:** .....D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data ✓ FA ___

[redacted]CME [redacted]LYT[redacted] LA[redacted]ATOR[redacted] LT[redacted] [redacted]E. [redacted]ING[redacted]T. [redacted]OUV[redacted]C [redacted]1R6[redacted] P[redacted](60[redacted]3-3[redacted] FA[redacted]:)2[redacted]7/16[redacted]
(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103166R2

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Ag** gm/mt	Au** gm/mt
04392	19.1	.83
04393	2.0	.01
04394	49.1	1.10
04396	27.9	1.04
RE 04396	27.1	1.09
STANDARD R-1/AU-1	101.6	3.33

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: CORE PULP
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: NOV 9 2001 **DATE REPORT MAILED:** Nov 16/01 **SIGNED BY** C. T. D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data___ FA ___

[redacted]TME [redacted]LYT [redacted]LA [redacted]TOR [redacted]LTI [redacted]E. [redacted]ING [redacted]T. V [redacted]DUV [redacted]C [redacted]1R6 [redacted] PH [redacted](60[redacted]3-3[redacted] FAX [redacted]) 25[redacted]716 [redacted]
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103179 Page 1

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
SI	1	3	<3	<1	<.3	<1	<1	5	.04	<2	<8	<2	<2	3	<.2	<3	<3	1	.12	<.001	<1	4	<.01	4	<.01	4	.01	.54	.01	<2	.4
01551	4	10	7	42	<.3	5	8	680	1.86	3	8	<2	15	75	.2	<3	<3	45	1.89	.048	11	11	.81	76	.05	<3	.95	.05	.16	3	1.3
01552	9	11	10	43	.4	2	5	538	1.26	<2	<8	<2	11	58	.3	<3	<3	14	1.34	.027	15	7	.42	73	.01	<3	.72	.04	.24	<2	1.6
01553	11	13	13	39	<.3	4	4	466	1.07	<2	<8	<2	8	61	.2	<3	<3	12	1.36	.022	17	8	.35	83	.02	<3	.62	.04	.26	<2	2.5
01554	29	18	24	49	.3	1	1	403	.92	<2	<8	<2	4	177	.4	<3	<3	1	1.42	.003	25	7	.05	320	.01	3	.43	.05	.27	<2	2.1
01555	4	6	5	35	<.3	3	6	536	.85	3	10	<2	19	225	.2	<3	<3	14	2.35	.020	15	6	.40	176	.01	<3	.60	.07	.11	<2	<.2
01556	4	5	7	29	<.3	2	5	467	1.07	<2	12	<2	19	61	<.2	<3	<3	20	1.57	.024	12	8	.50	45	.03	<3	.67	.05	.14	<2	.2
01557	2	7	9	66	<.3	10	16	1229	3.26	3	<8	<2	8	148	.3	<3	<3	76	3.08	.075	15	28	1.63	121	.03	<3	1.82	.05	.10	<2	1.8
01558	1	6	10	53	<.3	7	12	925	2.43	4	8	<2	8	156	.3	3	<3	57	2.99	.068	15	18	1.32	68	.06	<3	1.49	.05	.11	<2	.9
01559	2	9	11	63	<.3	10	15	1138	3.39	6	<8	<2	6	138	.3	<3	<3	76	3.40	.069	13	27	1.59	85	.08	<3	1.70	.04	.12	<2	.4
01560	1	3	10	51	<.3	6	12	909	2.32	2	<8	<2	9	172	.2	3	<3	55	2.95	.067	15	8	1.06	51	.10	<3	1.22	.07	.01	<2	<.2
RE 01560	1	4	10	49	<.3	6	12	903	2.30	4	<8	<2	9	170	.3	<3	<3	54	2.92	.068	15	8	1.05	50	.10	<3	1.21	.06	.01	<2	<.2
RRE 01560	1	3	7	49	<.3	7	12	913	2.28	4	<8	<2	8	170	.2	3	<3	54	3.01	.067	14	8	1.05	58	.10	<3	1.20	.06	.01	<2	<.2
01561	<1	9	10	80	<.3	10	16	1305	3.74	2	<8	<2	3	130	.6	<3	<3	99	2.64	.085	10	44	1.91	164	.15	6	1.75	.06	.05	2	<.2
01562	2	17	9	64	<.3	8	12	1384	2.54	13	<8	<2	10	125	<.2	5	<3	53	2.84	.068	13	16	1.25	83	.08	3	1.48	.05	.12	<2	7.8
01563	2	4	8	59	<.3	7	11	1737	2.42	6	8	<2	11	111	.3	4	<3	37	2.20	.062	14	14	1.10	1051	.04	<3	1.62	.04	.22	<2	.9
01564	27	2	15	41	2.1	6	9	2666	1.88	60	<8	<2	7	110	<.2	3	<3	15	3.37	.041	8	10	.84	112	<.01	3	1.13	.01	.33	2	181.4
01565	7	3	9	50	<.3	5	12	1356	1.94	7	10	<2	10	69	.3	4	<3	31	1.91	.060	12	11	1.07	256	.03	3	1.36	.03	.24	<2	2.0
01566	1	3	4	42	<.3	6	10	718	2.53	2	9	<2	12	64	<.2	<3	<3	71	1.61	.062	12	16	1.05	186	.10	<3	1.16	.06	.10	<2	.3
01567	2	8	9	44	<.3	6	12	1028	2.67	<2	10	<2	8	152	<.2	<3	<3	64	2.81	.064	17	24	1.12	417	.03	<3	1.30	.05	.21	<2	.7
01568	4	9	9	42	<.3	5	11	938	2.61	2	12	<2	10	219	<.2	3	<3	36	3.53	.065	18	9	1.10	678	<.01	<3	1.14	.03	.28	<2	1.4
01569	4	6	12	41	.3	5	11	947	2.65	<2	<8	<2	8	200	.2	3	<3	37	2.80	.067	20	13	1.10	738	<.01	<3	1.05	.04	.30	<2	2.9
01570	4	16	58	73	2.7	4	10	1801	2.31	34	9	<2	9	223	.9	3	<3	7	3.38	.067	10	6	.81	129	<.01	3	.51	.02	.32	<2	73.6
01571	4	16	22	46	1.6	5	11	1824	2.44	20	<8	<2	9	202	.3	<3	<3	8	3.37	.063	12	9	.89	158	<.01	<3	.56	.02	.36	<2	12.3
01572	3	22	191	237	6.8	4	10	2812	2.36	35	<8	<2	9	197	3.9	4	<3	5	3.93	.062	11	4	.73	125	<.01	3	.67	.01	.34	4	101.2
01573	5	10	88	60	3.1	4	6	1976	1.59	44	8	<2	7	114	.9	<3	<3	5	2.83	.042	9	9	.30	164	<.01	<3	.71	.01	.40	2	58.5
01574	1	7	107	250	6.9	3	10	3177	2.46	31	<8	<2	8	142	4.3	<3	<3	3	3.24	.061	11	2	.59	101	<.01	3	.94	.01	.34	3	435.6
RE 01574	2	8	108	252	6.4	3	9	3205	2.47	33	9	<2	8	143	4.3	<3	<3	4	3.26	.061	12	6	.59	103	<.01	4	.95	.01	.34	3	186.6
RRE 01574	2	7	115	255	7.7	5	9	3246	2.50	33	<8	<2	8	145	4.7	3	3	4	3.32	.061	11	7	.60	107	<.01	<3	.98	.01	.36	3	197.6
01575	5	8	118	74	3.5	1	2	1902	.70	28	<8	<2	7	111	1.5	<3	<3	1	2.45	.013	14	4	.09	454	<.01	5	.36	.01	.34	<2	75.3
01576	6	9	115	104	3.9	2	1	1242	.45	25	12	<2	7	109	3.0	<3	<3	<1	1.87	.006	12	8	.01	423	<.01	6	.29	.01	.33	3	1250.8
01577	4	13	85	197	1.1	1	1	1193	.43	20	<8	<2	6	90	5.4	<3	<3	<1	1.61	.006	13	4	.02	454	<.01	4	.28	.01	.32	3	55.7
01578	7	13	107	91	1.3	2	1	1218	.43	21	8	<2	7	74	2.4	<3	<3	<1	1.49	.006	12	7	.01	474	<.01	<3	.32	.01	.37	2	18.7
01579	8	14	110	104	2.7	<1	1	1130	.35	17	<8	<2	7	68	2.8	<3	<3	<1	1.47	.005	13	4	.01	670	<.01	<3	.32	<.01	.36	2	18.8
STANDARD DS3	9	128	36	161	<.3	36	13	849	3.27	33	8	<2	4	29	5.6	6	5	81	.56	.095	18	166	.62	182	.09	4	1.81	.04	.17	5	21.9

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE R150 60C AU* BY ACID LEACHED, ANALYZE BY ICP-MS. (10 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 17 2001 **DATE REPORT MAILED:** Sept 27/01 **SIGNED BY** ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
01580	7	9	73	107	2.0	1	1	797	.47	20	17	<2	8	59	2.9	<3	4	<1	1.10	.007	14	3	.03	426	<.01	<3	.34	.01	.31	2	87.6
01581	2	17	70	89	1.6	98	23	3132	2.99	28	<8	<2	3	364	1.3	5	3	14	5.15	.089	11	28	1.51	489	<.01	<3	.92	.01	.41	<2	24.6
01582	8	194	1187	3070	25.6	22	5	1429	1.51	1754	<8	<2	7	109	55.6	6	8	4	1.86	.022	6	12	.25	144	<.01	4	.65	.01	.28	36	487.4
01583	13	141	2325	5719	28.4	24	8	1979	3.35	8487	<8	3	7	110	110.5	18	11	6	1.92	.027	7	18	.55	63	<.01	5	1.14	.01	.30	73	2665.4
01584	7	69	255	519	4.0	2	3	626	.99	34	9	<2	9	46	7.5	<3	4	1	.79	.003	10	5	.09	174	<.01	<3	.41	<.01	.29	6	91.1
01585	7	77	237	376	3.0	3	4	379	.78	22	9	<2	10	34	5.3	3	4	<1	.48	.004	12	7	.06	266	<.01	4	.41	.01	.33	5	45.4
01586	3	83	364	1531	7.5	13	7	1924	2.31	21	<8	<2	12	175	16.6	3	14	8	2.89	.046	15	14	.68	94	<.01	4	1.44	.01	.33	17	36.0
01587	<1	143	756	6257	12.8	29	24	2578	6.14	74	<8	<2	9	195	77.8	<3	21	21	3.15	.081	11	23	1.24	82	<.01	<3	2.87	.01	.42	80	1218.9
01588	5	41	154	1034	2.6	25	11	2471	4.45	8	<8	<2	11	132	9.0	<3	11	27	2.20	.084	23	30	1.20	64	<.01	<3	2.54	.02	.34	12	7.1
01589	10	104	548	1280	8.2	21	8	2242	2.31	18	<8	<2	10	244	15.9	3	3	10	3.92	.037	12	19	.66	105	<.01	<3	1.40	.01	.31	14	182.9
01590	9	284	1101	2327	12.9	25	11	2126	2.68	24	<8	<2	9	194	24.9	4	10	18	3.27	.060	13	25	.87	106	<.01	3	1.64	.02	.31	26	276.5
RE 01590	10	275	1029	2224	11.8	24	10	2043	2.58	22	<8	<2	9	187	23.7	4	7	17	3.14	.060	12	28	.83	104	<.01	<3	1.60	.02	.31	27	274.3
RRE 01590	9	281	1097	2287	13.1	25	11	2142	2.74	25	9	<2	10	192	24.7	3	8	19	3.25	.063	13	29	.88	105	<.01	<3	1.65	.02	.30	26	418.0
01591	2	227	1095	1129	12.8	30	12	2161	2.85	9	<8	<2	11	161	11.2	10	18	32	3.18	.079	18	39	1.23	108	<.01	<3	1.99	.04	.28	13	359.7
01592	5	70	627	1066	3.8	23	11	2034	2.99	12	<8	<2	10	151	12.8	4	7	32	2.71	.073	18	31	1.14	81	<.01	3	1.94	.03	.30	12	227.4
01593	2	94	295	778	3.7	26	11	1788	2.67	5	<8	<2	10	111	7.7	3	3	34	2.54	.075	20	38	1.19	97	<.01	<3	1.87	.03	.28	9	183.5
01594	2	82	626	987	10.1	30	11	1824	2.71	4	<8	<2	11	103	9.8	3	16	32	2.49	.082	18	37	1.25	88	.01	<3	1.91	.03	.28	12	134.6
01595	1	430	663	3330	17.7	30	14	2084	2.84	20	<8	3	11	92	36.7	3	15	29	2.89	.080	13	37	1.21	67	<.01	<3	1.82	.03	.25	41	878.9
01596	1	85	75	165	2.4	30	10	1462	2.52	3	<8	<2	11	70	1.0	3	6	33	1.90	.078	18	45	1.24	73	<.01	<3	1.72	.04	.24	3	4.4
01597	<1	104	60	653	3.3	19	14	1628	2.89	9	<8	<2	13	92	5.4	3	<3	25	2.61	.072	13	29	1.13	113	<.01	<3	1.72	.03	.32	7	9.3
01598	2	29	354	357	1.1	5	6	1283	2.03	11	10	<2	15	88	4.4	3	3	20	2.33	.042	19	12	.78	150	<.01	<3	1.38	.03	.32	5	18.6
01601	3	57	300	372	2.2	7	6	1426	2.10	14	9	<2	12	92	5.0	<3	8	21	2.53	.044	16	11	.76	145	<.01	<3	1.30	.03	.27	5	19.6
01602	3	154	139	630	4.7	5	7	1523	2.23	8	<8	<2	13	98	5.3	4	7	19	2.29	.044	19	10	.79	92	<.01	<3	1.52	.02	.30	7	7.8
01603	4	193	184	1220	6.1	5	9	1475	2.15	9	<8	<2	14	86	10.6	4	6	16	2.11	.043	20	9	.63	111	<.01	<3	1.46	.02	.33	14	5.0
01604	3	94	333	1277	5.5	6	9	1626	2.40	72	<8	<2	12	113	13.5	6	9	17	2.33	.045	16	11	.71	93	<.01	<3	1.50	.02	.31	14	89.1
RE 01604	4	91	316	1237	5.2	5	8	1588	2.34	86	<8	<2	12	110	12.9	5	8	16	2.28	.045	17	9	.70	90	<.01	<3	1.47	.02	.30	14	160.0
RRE 01604	3	96	348	1278	5.4	5	8	1602	2.36	81	<8	<2	13	110	13.5	6	6	16	2.29	.045	15	8	.70	93	<.01	<3	1.47	.02	.31	15	77.1
01605	3	171	611	2103	9.8	14	9	1948	2.34	264	<8	<2	13	113	24.8	4	4	11	2.58	.063	15	15	.73	93	<.01	<3	1.44	.01	.37	24	278.2
01606	2	173	356	1990	5.3	8	9	2157	2.51	179	<8	<2	10	102	19.7	3	4	10	2.54	.055	10	7	.79	79	<.01	<3	1.50	.01	.37	22	85.6
01607	2	171	130	2877	4.5	21	11	2137	2.61	123	<8	<2	11	78	26.9	3	5	13	2.09	.070	16	13	.84	90	.01	4	1.68	.01	.44	34	51.6
01608	1	68	48	1780	1.6	27	11	1850	3.07	41	<8	<2	11	76	15.7	5	3	35	2.32	.083	22	38	1.19	87	.01	<3	2.13	.02	.34	19	7.3
01609	2	161	168	2956	11.8	20	11	1432	2.53	146	<8	<2	12	65	27.9	<3	16	27	1.83	.069	18	30	.90	102	.01	<3	1.69	.03	.33	36	25.2
01610	<1	120	75	2490	3.8	25	10	2048	2.95	18	<8	<2	11	91	22.9	3	4	30	2.70	.078	22	29	1.09	59	<.01	<3	1.93	.02	.28	29	3.5
01611	10	23	42	855	.9	25	9	1775	2.89	11	<8	<2	12	64	7.9	<3	<3	36	1.96	.076	22	36	1.18	103	.01	<3	1.99	.03	.30	10	1.3
01612	4	247	256	1487	8.9	9	8	2619	2.18	531	<8	<2	13	90	16.0	9	4	9	2.71	.047	10	8	.80	85	<.01	<3	1.33	.01	.34	17	134.8
STANDARD DS3	9	124	33	151	<.3	35	11	778	3.00	30	<8	<2	4	26	5.5	4	4	73	.51	.091	17	186	.57	164	.08	<3	1.71	.03	.16	4	19.3

Sample type: CORE R150 60C. 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 ___

[redacted]LYT[redacted] LA[redacted]TOR[redacted] LTI[redacted] [redacted]E. [redacted]ING[redacted]T. V[redacted]OUV[redacted]C [redacted]1R6[redacted] PH[redacted](60[redacted]3-3[redacted] FAX[redacted])2[redacted]716[redacted]
(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103179R

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Ag** gm/mt	Au** gm/mt
01576	5.6	.92
01583	28.1	2.71
01587	12.5	1.15
01595	16.0	.90
RE 01595	18.0	.99
STANDARD R-1/AU-1	98.8	3.32

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: CORE PULP
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: NOV 6 2001 **DATE REPORT MAILED:** Nov 9/01 **SIGNED BY.....**D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data FA

[redacted]CME [redacted]ANALYTICAL LABORATORIES LTD [redacted] [redacted]E. [redacted]TING[redacted]T. [redacted]OUV[redacted]C [redacted]1R[redacted] P[redacted](60[redacted]3-3[redacted] FA[redacted]4)2[redacted]716[redacted]
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103180 Page 1

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
SI	<1	<1	<3	3	<.3	1	<1	4	.03	<2	<8	<2	<2	2	<.2	<3	<3	<1	.12	<.001	<1	1	<.01	3	<.01	<3	<.01	.51	<.01	<2	<.2
04414	8	3	94	95	1.0	2	1	367	.40	5	<8	<2	9	42	2.4	<3	<3	1	.47	.007	5	7	.04	58	<.01	<3	.35	.01	.32	<2	13.3
04415	7	2	121	166	.7	5	2	1712	.80	7	<8	<2	7	104	4.2	<3	<3	<1	1.43	.013	7	7	.28	60	<.01	<3	.35	.01	.31	3	5.8
04416	28	61	1753	2640	10.0	56	13	3215	2.80	62	<8	<2	4	171	45.2	7	3	17	3.35	.067	6	41	.81	64	<.01	<3	1.08	.01	.32	28	185.5
04417	16	147	1041	2010	15.8	27	9	2794	2.33	96	8	<2	5	99	32.1	6	5	10	3.24	.055	8	21	.39	55	<.01	<3	.90	.01	.30	23	153.7
04418	18	29	451	642	2.9	15	4	1974	1.71	39	9	<2	6	71	9.8	5	<3	3	2.09	.018	8	12	.37	41	<.01	<3	.83	.01	.26	8	48.9
04419	10	24	177	423	1.3	4	1	1593	.74	23	<8	<2	10	40	6.6	3	<3	<1	.79	.005	10	12	.09	44	<.01	<3	.43	.01	.31	6	30.5
04420	14	87	360	1126	4.7	5	2	1140	.82	29	9	<2	9	29	15.4	3	<3	2	.77	.008	9	7	.13	44	<.01	<3	.41	.01	.28	13	31.2
04421	6	107	226	1924	3.7	157	20	5549	6.47	52	<8	<2	<2	170	19.7	<3	<3	81	4.33	.103	8	206	3.23	80	.02	<3	3.68	.01	.39	21	22.2
04422	5	231	573	5204	9.5	29	12	3382	3.48	47	<8	<2	9	144	51.3	4	6	20	3.20	.064	11	28	1.19	75	<.01	3	1.91	.01	.42	61	17.7
04423	5	88	572	1921	6.0	33	13	3102	3.10	675	<8	<2	10	137	20.0	6	3	17	2.82	.092	17	22	.94	99	<.01	3	1.60	.01	.44	22	298.5
04424	13	92	1353	1864	20.3	17	13	4274	3.38	659	<8	<2	7	159	29.6	10	<3	18	3.76	.081	10	10	.87	89	<.01	<3	1.31	.01	.40	20	995.6
RE 04424	13	89	1350	1809	19.6	16	13	4194	3.31	664	<8	2	7	157	29.0	10	<3	16	3.70	.079	9	9	.85	87	<.01	3	1.26	.01	.39	20	793.1
RRE 04424	13	92	1432	1814	21.5	17	13	4294	3.35	652	<8	<2	6	160	28.8	8	<3	18	3.79	.080	10	12	.88	93	<.01	4	1.32	.01	.41	21	686.9
04425	9	121	4715	3450	70.0	16	16	4267	4.31	2965	<8	<2	5	145	67.2	22	<3	20	3.63	.058	5	10	.90	63	<.01	<3	1.38	.01	.37	43	2015.8
04426	7	60	2881	2164	38.2	20	14	3129	4.09	2876	<8	<2	7	92	36.7	16	<3	21	2.33	.071	6	11	.77	64	<.01	<3	1.34	.01	.46	26	750.3
04427	7	58	1202	1873	13.8	3	3	1359	.96	98	<8	<2	10	28	34.7	4	<3	<1	.66	.005	10	6	.11	47	<.01	<3	.45	.01	.32	20	167.7
04428	6	38	550	1545	6.0	4	2	679	.57	55	9	<2	9	62	27.3	4	<3	<1	.99	.003	8	7	.04	58	<.01	<3	.36	.01	.31	17	82.2
04429	53	51	176	274	2.9	2	2	513	.34	16	<8	<2	9	51	4.7	4	<3	1	.82	.003	11	6	.02	59	<.01	<3	.31	.01	.30	3	25.1
04430	12	34	282	552	15.5	3	1	622	.41	735	<8	<2	10	45	9.5	5	<3	<1	.75	.003	9	10	.02	53	<.01	<3	.35	.01	.33	7	583.0
04431	4	28	160	414	5.7	2	1	614	.38	344	9	<2	9	30	6.8	<3	<3	<1	.46	.003	9	6	.02	49	<.01	5	.32	.01	.30	5	153.6
04432	8	8	173	153	1.6	2	<1	559	.24	26	8	<2	9	32	2.5	<3	<3	<1	.57	.003	12	8	.02	56	<.01	5	.33	.01	.30	3	66.9
04433	7	76	447	1974	107.8	3	1	750	1.18	1230	10	3	11	31	35.2	15	<3	1	.51	.003	8	5	.05	43	<.01	<3	.40	.01	.31	21	2644.3
04434	12	201	878	3932	302.4	4	2	370	1.56	855	<8	4	10	14	79.4	38	3	1	.15	.002	8	9	.05	50	<.01	<3	.44	.01	.33	48	4511.5
04435	12	30	416	1126	3.0	1	1	1181	.81	28	10	<2	8	35	19.6	<3	<3	<1	.90	.003	7	4	.09	40	<.01	3	.45	.01	.31	12	246.0
04436	7	22	297	868	1.6	6	2	1242	.78	4	<8	<2	7	58	13.4	<3	<3	1	1.49	.006	8	10	.22	55	<.01	<3	.61	.01	.33	10	11.0
RE 04436	6	22	298	890	1.6	6	2	1256	.79	6	10	<2	8	58	13.5	4	<3	1	1.51	.007	8	10	.23	56	<.01	4	.61	.01	.33	10	9.2
RRE 04436	5	21	287	842	1.2	6	2	1243	.82	7	<8	<2	8	58	12.8	<3	<3	<1	1.49	.007	8	9	.23	55	<.01	<3	.61	.01	.32	9	6.2
04437	7	87	549	3052	6.3	110	12	4566	6.10	63	<8	<2	3	130	41.7	4	8	59	4.20	.086	9	143	2.08	56	.01	5	3.52	.01	.44	35	10.0
04438	5	60	222	3250	3.2	46	14	2813	2.81	24	<8	<2	8	132	43.6	3	<3	25	3.30	.053	12	49	1.27	58	<.01	3	1.99	.01	.41	39	3.7
04439	3	25	70	292	.7	19	10	4478	2.63	4	<8	<2	10	146	3.0	<3	3	40	5.35	.059	16	32	1.45	48	<.01	<3	1.92	.02	.28	3	1.9
04440	<1	75	38	560	1.0	180	32	3484	5.12	7	<8	<2	<2	199	5.0	<3	<3	118	5.02	.113	9	287	4.07	130	.04	4	4.16	.09	.45	6	2.6
04441	1	126	19	991	1.3	161	28	3047	5.36	6	<8	<2	<2	243	8.6	<3	<3	138	4.25	.112	8	244	4.08	229	.17	<3	4.86	.30	1.00	10	2.8
04442	2	40	22	194	.9	17	11	1939	2.37	2	<8	<2	14	88	1.3	5	<3	41	2.56	.047	20	25	1.89	159	.02	3	2.10	.04	.61	3	1.4
STANDARD DS3	9	126	32	159	<.3	36	13	867	3.26	31	12	<2	4	30	5.7	5	6	81	.57	.095	17	193	.63	162	.10	6	1.80	.04	.18	5	19.2

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE R150 60C AU* BY ACID LEACHED, ANALYZE BY ICP-MS. (10 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 17 2001 **DATE REPORT MAILED:** Sept 28/01 **SIGNED BY** ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data ✓ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
04443	3	86	16	762	1.3	7	10	1673	2.29	4	<8	<2	16	50	7.0	3	<3	48	1.51	.045	12	20	1.35	103	.01	<3	1.69	.05	.20	9	2.9
04444	3	141	283	3893	4.3	5	8	1642	2.78	6	<8	<2	16	58	60.2	<3	4	37	1.46	.045	13	13	1.10	64	.02	<3	1.70	.04	.17	52	3.7
04445	10	85	161	1550	1.5	6	9	1548	2.29	<2	<8	<2	16	55	19.3	4	<3	34	1.39	.045	17	18	1.07	57	.02	<3	1.54	.05	.20	20	2.7
04446	2	36	25	285	.6	4	8	1263	2.03	3	<8	<2	18	60	2.5	<3	<3	38	1.34	.044	15	12	.99	78	.04	4	1.41	.05	.17	5	1.3
04447	3	61	32	510	.6	6	9	1423	2.21	8	<8	<2	17	56	4.8	<3	<3	43	1.48	.043	13	15	1.02	78	.05	<3	1.52	.05	.17	6	1.5
04448	3	21	34	160	<.3	4	7	1180	1.98	7	<8	<2	18	50	1.3	3	<3	40	1.31	.042	13	14	.95	59	.05	<3	1.32	.04	.15	3	1.1
04451	2	15	31	75	<.3	6	9	804	1.92	7	10	<2	20	70	.5	3	<3	39	1.13	.043	13	18	1.04	59	.12	<3	1.36	.05	.11	<2	1.1
04452	2	36	113	184	.5	5	9	897	2.00	10	<8	<2	18	55	1.8	<3	<3	46	1.25	.042	12	11	.99	58	.12	<3	1.16	.05	.10	3	1.3
04453	5	28	19	356	.4	6	9	954	2.13	<2	<8	<2	16	70	3.1	<3	<3	47	1.33	.046	13	19	.99	47	.12	<3	1.31	.05	.11	5	.8
04454	3	53	38	90	.4	29	9	791	2.02	<2	<8	<2	15	83	.6	<3	<3	43	1.51	.047	13	13	.97	54	.09	<3	1.33	.05	.13	<2	.7
RE 04454	3	52	38	90	.5	5	9	798	2.05	<2	8	<2	16	85	.7	3	<3	43	1.53	.048	14	14	.98	54	.09	<3	1.35	.05	.14	2	.9
RRE 04454	4	44	56	85	.4	6	9	776	2.00	<2	<8	<2	15	86	.6	4	<3	45	1.53	.048	14	17	.96	57	.09	5	1.33	.06	.14	<2	1.8
04455	1	37	13	99	<.3	5	9	787	2.00	<2	9	<2	16	88	.7	3	<3	44	1.37	.048	12	14	1.13	50	.13	<3	1.45	.05	.09	2	1.4
04456	4	37	25	155	<.3	6	10	934	2.15	2	<8	<2	14	72	1.6	3	<3	47	1.21	.048	14	18	1.24	51	.12	<3	1.53	.05	.10	2	1.2
04457	2	62	28	716	.9	5	10	968	2.14	<2	8	<2	11	87	8.6	3	<3	43	1.47	.049	12	13	1.13	43	.12	3	1.41	.05	.08	9	.8
04458	3	25	39	184	.4	6	9	992	2.02	2	<8	<2	14	80	1.6	3	<3	41	1.22	.045	11	15	1.12	54	.11	<3	1.49	.05	.10	3	.9
04459	4	40	28	570	.9	5	9	1286	2.20	4	<8	<2	12	55	5.6	4	<3	39	1.16	.047	9	15	1.13	64	.05	<3	1.58	.04	.14	8	.7
04460	15	20	10	106	.4	7	8	1060	1.96	<2	<8	<2	10	84	.5	4	<3	38	1.36	.049	11	15	1.11	42	.08	5	1.57	.05	.10	2	.8
04461	5	32	63	586	.6	6	9	1180	2.25	3	<8	<2	14	68	5.7	3	<3	42	1.13	.051	12	15	1.22	47	.07	<3	1.66	.05	.12	8	.4
04462	3	23	63	219	.6	7	10	1273	2.12	<2	<8	<2	14	95	1.8	4	<3	38	2.07	.050	15	16	1.06	47	.04	<3	1.61	.05	.19	3	.4
STANDARD DS3	10	121	35	158	.3	36	12	813	3.15	29	12	<2	4	29	5.5	6	6	79	.55	.093	18	187	.60	173	.10	3	1.77	.04	.18	4	21.3

Sample type: CORE R150 60C. 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 ___

[redacted]CME [redacted]LYT[redacted] LA[redacted]TOR[redacted] LT[redacted] [redacted]E. [redacted]TINC[redacted]T. Y[redacted]OUV[redacted]C [redacted]1R6[redacted] PH[redacted](604)253-3158 FAX(604)253-1716[redacted]
(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103180R

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Ag** gm/mt	Au** gm/mt
04425	74.0	1.97
04433	105.7	3.15
04434	381.8	4.59
RE 04434	389.5	4.49

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: CORE PULP
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 3 2001 **DATE REPORT MAILED:** Oct 11/01 **SIGNED BY** ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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Data ✓ FA ___

[redacted]CME [redacted]LYT[redacted] LA[redacted]ATOR[redacted] LT[redacted] [redacted]E. [redacted]TING[redacted]T. [redacted]OUV[redacted]C [redacted]1R6[redacted] P[redacted](60[redacted]3-3[redacted] FA[redacted]4)2[redacted]716[redacted]
(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103180R2

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Au** gm/mt
04424	1.05

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: CORE PULP

DATE RECEIVED: OCT 22 2001 **DATE REPORT MAILED:** Oct 24/01 **SIGNED BY** C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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Data [illegible] FA [illegible]

[redacted]ME [redacted]YTI [redacted]LAI [redacted]TOR [redacted]LTD [redacted] 8[redacted]E. H[redacted]INGS [redacted]. V[redacted]UVE[redacted]C V[redacted]1R6 [redacted] PH[redacted]604[redacted]-31[redacted]FAX[redacted])25[redacted]16 [redacted]

(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103180R3

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Ag** gm/mt	Au** gm/mt
04424	19.7	-
04426	36.3	.96
RE 04426	35.1	.96

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: CORE PULP
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: NOV 2 2001 **DATE REPORT MAILED:** Nov 7/01 **SIGNED BY:** C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data ✓ FA ___

[redacted]CME [redacted]LYT[redacted] LA[redacted]ATOR[redacted] LT[redacted] [redacted]E. [redacted]TING[redacted]T. V[redacted]OUV[redacted]C [redacted]1R6[redacted] P[redacted](60[redacted]3-3[redacted] FAX[redacted]4)2[redacted]716[redacted]
(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103180R4

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Ag** gm/mt	Au** gm/mt
04430	15.2	.50

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: CORE PULP

DATE RECEIVED: NOV 9 2001 **DATE REPORT MAILED:** Nov 16/01 **SIGNED BY.....** D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data___ FA ___

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

GEOCHEMICAL ANALYSIS CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103216

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
SI	<1	4	<3	8	<.3	<1	<1	20	.07	<2	<8	<2	<2	3	<.2	<3	<3	1	.14	<.001	1	<1	.01	6	<.01	<3	.03	.54	.01	<2	<.2
01599	57	2107	25530	22573	284.3	2326	50	1141	7.38	36241	<8	4	<2	21	518.5	927	40	37	.49	.008	3	2713	.18	48	<.01	6	.65	<.01	.19	9	8635.5
01600	1	19	4	39	<.3	25	6	333	1.72	4	<8	<2	<2	31	.4	<3	<3	46	.67	.046	4	32	.68	73	.11	3	1.06	.07	.11	<2	1.0
01613	6	263	914	2198	21.1	7	6	2016	2.89	1025	<8	<2	13	93	34.8	12	3	6	2.44	.041	4	6	.25	53	<.01	<3	.76	.01	.39	<2	705.1
01614	2	118	99	1655	4.1	4	8	3862	2.34	81	<8	<2	15	153	17.2	3	<3	10	3.47	.043	14	6	.80	60	<.01	<3	1.24	.01	.34	<2	48.0
01615	6	139	197	1991	5.4	5	9	1929	2.80	67	<8	<2	16	96	20.0	<3	4	13	2.06	.046	17	7	.72	82	<.01	3	1.49	.01	.35	<2	18.0
01616	4	226	644	3814	27.5	9	11	1082	2.80	2225	9	<2	13	46	58.2	10	5	7	1.01	.042	6	6	.36	66	<.01	<3	.95	.01	.36	<2	456.5
01617	4	158	574	2704	8.3	10	8	1597	2.57	651	<8	<2	14	74	33.7	3	3	5	1.81	.038	6	8	.58	49	<.01	<3	1.03	.01	.27	<2	258.2
01618	2	158	1108	2645	11.3	5	8	1053	2.68	2867	<8	<2	13	39	39.4	10	<3	8	1.00	.044	5	5	.21	52	<.01	<3	.67	.01	.35	<2	515.6
01619	2	128	361	2606	6.7	5	8	2429	2.81	1086	<8	<2	13	73	32.3	6	3	8	2.41	.042	5	6	.59	57	<.01	<3	.94	.01	.34	<2	420.8
01620	6	40	332	1619	3.5	6	6	1410	3.34	440	<8	<2	13	68	20.3	<3	<3	13	1.30	.041	5	4	.52	79	<.01	<3	1.18	.01	.40	<2	305.8
RE 01620	6	39	346	1628	3.4	6	6	1415	3.35	422	<8	<2	12	68	20.5	<3	3	13	1.31	.041	5	4	.52	80	<.01	<3	1.20	.01	.40	<2	305.9
RRE 01620	5	40	323	1664	3.7	6	6	1403	3.23	396	<8	<2	13	67	21.0	<3	3	11	1.30	.042	5	6	.52	67	<.01	5	1.10	.01	.33	<2	263.4
01621	6	53	263	1016	4.1	5	6	1727	2.90	211	<8	<2	14	68	13.3	<3	3	13	1.70	.045	9	4	.61	85	<.01	<3	1.34	.01	.40	<2	102.9
01622	9	109	212	1099	3.5	6	9	1537	2.97	35	<8	<2	13	65	11.0	<3	4	18	1.58	.047	17	8	.60	110	<.01	<3	1.60	.01	.35	<2	11.4
01623	2	40	88	852	2.3	4	9	1708	2.73	24	<8	<2	14	71	8.2	<3	5	32	1.98	.043	18	8	.78	92	<.01	3	1.58	.03	.31	<2	9.6
01624	2	14	69	1362	1.0	41	16	3013	5.15	54	<8	<2	<2	113	12.0	<3	<3	66	3.05	.094	13	59	1.96	107	.02	<3	3.09	.01	.45	<2	6.0
01625	4	83	277	2347	4.2	5	9	2361	2.01	979	<8	<2	17	133	25.5	3	5	8	2.70	.034	11	5	.55	60	<.01	<3	1.10	.01	.33	<2	478.8
01626	3	54	530	1140	4.3	4	8	2606	2.31	663	<8	<2	15	127	13.8	<3	<3	10	2.94	.041	11	3	.77	65	<.01	4	1.28	.01	.32	<2	718.0
01627	3	151	1972	5005	11.9	4	7	1675	3.40	1037	<8	<2	11	73	72.9	4	4	16	1.84	.045	5	6	.53	61	<.01	<3	1.29	.01	.39	<2	135.9
01628	3	201	1360	6322	11.2	5	9	2036	3.01	1051	<8	<2	13	86	87.2	<3	7	16	2.25	.044	9	8	.66	56	<.01	3	1.35	.01	.31	<2	243.3
01629	11	70	765	1378	3.6	4	8	1668	2.89	32	<8	<2	13	54	19.2	<3	4	25	1.62	.046	13	6	.78	67	<.01	<3	1.59	.02	.33	<2	26.3
01630	15	33	96	1227	1.8	5	9	1639	2.80	13	<8	<2	14	53	13.1	<3	5	31	1.53	.048	18	11	.88	81	<.01	<3	1.66	.03	.30	<2	10.1
STANDARD DS3	9	122	38	156	<.3	38	11	818	3.14	30	<8	<2	3	27	5.6	5	5	78	.53	.093	17	187	.60	172	.09	3	1.74	.04	.17	4	21.6

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE R150 60C AU* BY ACID LEACHED, ANALYZE BY ICP-MS. (10 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 19 2001 **DATE REPORT MAILED:** Sept 29/01 **SIGNED BY** ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

[redacted]ME [redacted]LYT[redacted] LA[redacted]TOR[redacted] LTD[redacted] [redacted]E. [redacted]ING[redacted]. V[redacted]DUVE[redacted]C [redacted]1R6[redacted] PH[redacted](604[redacted]3-3[redacted]FAX[redacted])25[redacted]716[redacted]
(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103216R
2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Ag** gm/mt	Au** gm/mt
01613	22.6	.77
01618	12.0	.51
01626	4.0	.99
RE 01626	4.7	.78

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: CORE PULP
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: NOV 9 2001 **DATE REPORT MAILED:** Nov 16/01 **SIGNED BY**.....D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data L FA YNS

[illegible]ME [illegible]LYT[illegible] LA[illegible]TOR[illegible] LTI[illegible] [illegible]E. [illegible]ING[illegible]. V[illegible]OUV[illegible]C [illegible]1R6[illegible] PH[illegible](60[illegible]3-3[illegible] FAX[illegible])25[illegible]716[illegible]
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103217 Page 1

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
SI	<1	1	<3	2	<.3	1	<1	3	.03	3	<8	<2	<2	2	.2	<3	<3	1	.09	<.001	<1	4	<.01	3	<.01	<3	.01	.40	<.01	<2	<.2
04349	52	1981	20333	21435	296.3	2265	46	1130	7.04	33168	<8	<2	2	22	509.2	1012	50	38	.47	.009	5	2573	.17	52	<.01	3	.69	<.01	.21	<2	9039.0
04350	1	18	6	37	<.3	25	5	313	1.61	5	<8	<2	<2	29	<.2	<3	<3	41	.61	.045	4	33	.65	71	.10	<3	1.04	.07	.10	<2	1.0
04399	47	1980	21383	21457	349.1	1920	40	1094	6.84	34633	<8	3	<2	22	508.3	1011	43	35	.47	.010	5	2161	.17	51	<.01	<3	.67	<.01	.20	<2	8979.0
04400	2	19	8	38	<.3	26	6	320	1.64	7	<8	<2	<2	30	.2	<3	<3	42	.63	.046	3	35	.66	75	.10	7	1.08	.07	.11	2	.5
04449	53	1968	20153	21359	295.2	2234	46	1119	6.85	34015	<8	<2	2	22	504.1	1001	44	38	.47	.009	5	2546	.17	50	<.01	3	.67	<.01	.20	<2	9038.7
04450	2	19	7	43	<.3	26	6	338	1.74	7	<8	<2	<2	32	.2	<3	<3	44	.65	.048	5	36	.69	80	.10	3	1.14	.08	.12	2	<.2
04463	2	8	13	145	<.3	6	9	1066	1.87	4	<8	<2	12	66	.7	4	<3	31	1.44	.050	12	18	1.07	59	.02	<3	1.56	.08	.18	2	<.2
04464	70	92	137	1123	2.6	5	9	662	1.60	8	<8	<2	13	44	11.1	<3	3	16	.89	.048	19	11	.31	72	.01	<3	1.13	.02	.48	<2	3.8
04465	18	108	660	1355	2.8	6	11	811	2.14	14	<8	<2	13	58	17.1	6	3	30	.74	.051	17	11	.88	53	.01	4	1.54	.04	.33	<2	17.0
04466	3	22	31	127	.3	5	9	898	1.97	14	<8	<2	14	65	.8	<3	<3	36	1.03	.048	15	14	1.11	54	.04	<3	1.41	.06	.12	2	3.1
04467	2	18	31	101	<.3	6	8	955	2.24	14	<8	<2	13	65	.5	4	<3	43	.97	.049	12	16	1.16	63	.06	<3	1.51	.05	.13	3	4.0
04468	2	17	34	70	<.3	6	9	816	2.20	10	<8	<2	13	58	.2	3	<3	46	1.19	.049	13	17	1.17	57	.06	4	1.41	.05	.12	2	3.0
RE 04468	2	17	31	68	<.3	5	9	792	2.15	10	<8	<2	14	56	.4	4	<3	44	1.15	.048	12	15	1.13	56	.06	<3	1.35	.05	.11	<2	4.9
RRE 04468	2	19	24	70	<.3	5	9	821	2.24	11	8	<2	13	61	.3	<3	<3	47	1.21	.049	13	17	1.16	68	.06	<3	1.46	.06	.14	2	4.6
04469	12	39	112	159	.5	6	11	742	2.09	15	<8	<2	14	57	1.1	3	<3	34	1.13	.051	16	19	1.08	64	.03	<3	1.44	.06	.18	<2	5.0
04470	2	37	36	165	.4	6	10	1015	2.24	5	<8	<2	13	54	2.0	3	<3	41	1.40	.051	14	16	1.06	78	.02	<3	1.52	.05	.18	<2	4.5
04471	3	46	51	352	.9	6	9	1111	2.28	5	<8	<2	14	60	5.3	4	<3	46	1.46	.052	13	14	1.12	74	.05	<3	1.63	.05	.15	<2	4.3
04472	4	50	240	925	1.7	7	9	944	2.60	37	<8	<2	14	45	5.0	4	<3	47	.71	.050	18	14	1.00	94	.01	<3	1.65	.04	.19	<2	258.4
04473	3	7	22	90	<.3	6	9	1048	2.02	4	<8	<2	11	76	.5	4	3	40	1.70	.052	13	19	1.11	79	.06	<3	1.49	.05	.13	2	11.5
04474	2	21	50	211	.4	6	10	1074	2.25	7	<8	<2	13	80	2.1	3	<3	43	1.56	.051	13	18	1.11	82	.05	<3	1.64	.05	.19	<2	5.2
04475	11	106	377	1269	3.6	5	11	1322	2.58	435	<8	<2	12	57	15.7	4	<3	36	1.79	.051	14	13	.75	75	.01	<3	1.62	.03	.34	<2	156.4
04476	3	20	17	112	<.3	6	8	1210	2.33	8	<8	<2	12	70	.5	<3	<3	47	1.90	.051	15	17	1.13	84	.04	<3	1.60	.05	.22	2	2.6
04477	2	43	128	468	.7	5	13	1066	2.48	9	<8	<2	13	65	6.2	3	3	48	1.63	.051	15	15	1.13	66	.03	<3	1.53	.05	.15	<2	22.8
04478	2	24	85	154	.4	5	10	951	2.40	3	<8	<2	13	57	1.6	<3	<3	59	1.57	.051	11	16	1.09	75	.09	<3	1.42	.07	.12	<2	4.0
04479	1	12	53	206	<.3	79	19	1908	3.77	<2	<8	<2	4	107	1.8	5	<3	94	3.24	.118	7	151	2.53	125	.14	<3	2.80	.13	.40	<2	2.3
04480	4	98	14	99	1.0	5	9	845	2.08	2	<8	<2	21	70	.8	3	<3	50	1.44	.048	15	16	1.07	86	.11	<3	1.41	.08	.13	3	1.6
RE 04480	5	92	20	95	.9	5	9	793	1.96	3	<8	<2	19	64	.7	3	<3	46	1.35	.045	14	12	1.01	75	.11	<3	1.27	.07	.11	3	2.0
RRE 04480	4	96	20	106	.8	6	9	864	2.10	2	<8	<2	20	66	1.0	4	<3	51	1.45	.049	15	19	1.11	76	.11	<3	1.41	.07	.12	3	2.4
04481	18	154	84	273	1.9	32	16	2012	3.82	7	<8	<2	8	80	2.2	3	<3	90	2.39	.119	9	52	2.31	109	.16	3	2.64	.08	.16	<2	3.8
04482	3	94	42	253	1.6	6	11	1209	2.12	3	<8	<2	13	65	2.4	<3	<3	37	1.53	.046	9	17	1.10	73	.06	<3	1.53	.07	.17	<2	36.7
04483	4	57	103	586	1.4	4	8	1426	2.09	<2	<8	<2	13	70	6.8	3	<3	29	2.22	.045	13	13	.93	51	.03	<3	1.48	.05	.26	<2	2.1
04484	4	51	46	600	.9	5	9	1152	2.10	2	<8	<2	15	52	6.2	3	<3	40	1.34	.046	10	17	1.05	65	.07	<3	1.46	.06	.14	<2	2.3
04485	3	43	39	687	.7	5	8	1131	2.06	<2	<8	<2	15	61	6.8	<3	3	35	1.48	.043	13	12	.94	91	.04	<3	1.52	.08	.24	<2	2.3
STANDARD DS3	9	125	33	149	<.3	37	12	781	3.03	28	<8	<2	4	26	5.5	5	6	73	.50	.090	17	186	.57	168	.08	3	1.71	.03	.16	5	20.3

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE R150 60C AU* BY ACID LEACHED, ANALYZE BY ICP-MS. (10 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 19 2001 **DATE REPORT MAILED:** Sept 29/01 **SIGNED BY** ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
04486	5	56	31	777	.7	5	8	1346	2.39	<2	<8	<2	13	84	8.2	<3	3	36	2.00	.049	15	13	1.06	68	.02	<3	1.58	.05	.25	3	3.3
04487	6	138	147	1420	2.0	5	8	1535	2.58	2	<8	<2	14	79	18.7	<3	<3	32	2.13	.047	19	13	.97	58	<.01	<3	1.58	.04	.28	<2	2.8
04488	12	166	280	2103	2.8	7	9	1862	3.30	4	<8	<2	16	83	29.9	<3	<3	44	2.59	.057	24	12	1.08	56	<.01	<3	1.85	.04	.26	<2	30.1
04489	112	707	2074	15799	20.4	20	22	2092	7.82	16	<8	<2	11	110	297.3	<3	17	70	3.63	.103	32	36	1.07	28	<.01	<3	2.20	.04	.19	<2	139.3
04490	46	287	1139	6027	13.0	14	22	1835	6.70	16	<8	<2	5	107	93.2	<3	10	73	3.34	.229	15	19	1.90	53	.09	<3	2.65	.04	.28	<2	28.4
04491	5	43	22	161	<.3	23	17	1380	3.42	<2	<8	<2	6	116	1.2	<3	4	81	3.23	.109	12	45	2.13	52	.14	<3	2.28	.05	.13	4	1.8
04492	3	64	82	219	1.0	22	15	1053	2.97	<2	<8	<2	5	90	2.2	<3	<3	82	1.90	.113	10	43	1.70	55	.18	<3	1.83	.08	.11	2	1.3
04493	3	45	36	330	.4	29	16	984	2.84	3	<8	<2	5	70	3.3	<3	<3	73	1.46	.118	8	57	1.66	69	.16	<3	1.68	.07	.09	<2	1.4
04494	3	95	43	1470	1.0	13	11	1079	2.77	9	<8	<2	10	47	19.3	<3	<3	53	1.45	.071	13	28	1.26	72	.11	<3	1.60	.05	.14	<2	1.1
04495	3	37	39	915	.6	11	12	1102	3.12	6	<8	<2	9	53	11.4	<3	3	75	1.63	.087	12	29	1.32	56	.12	<3	1.79	.07	.11	5	.9
04496	4	37	36	273	.9	5	6	896	2.17	6	<8	<2	13	33	3.3	<3	3	44	1.22	.047	17	16	.71	89	.07	<3	1.10	.07	.15	<2	1.6
RE 04496	4	37	36	271	.6	5	6	902	2.19	6	<8	<2	13	33	3.4	<3	<3	46	1.23	.047	17	14	.71	91	.07	<3	1.09	.07	.16	<2	1.3
RRE 04496	4	40	39	281	.9	5	6	946	2.24	6	10	<2	13	32	3.3	<3	3	47	1.26	.049	16	17	.75	73	.07	<3	1.12	.05	.14	2	1.8
04497	6	52	45	280	.7	5	6	764	1.94	5	<8	<2	13	36	3.4	<3	3	37	1.27	.037	17	13	.61	111	.07	<3	1.00	.07	.16	2	2.1
04498	2	23	20	410	.3	6	10	859	2.66	5	<8	<2	10	67	4.7	<3	<3	72	1.49	.065	11	20	1.14	67	.13	3	1.39	.06	.09	2	1.4
04499	57	2190	24907	23635	196.8	2214	48	1205	7.66	31431	<8	7	2	23	542.2	1007	43	38	.52	.010	6	2552	.19	47	<.01	7	.73	<.01	.20	8	9600.0
04500	3	19	4	44	<.3	28	6	356	1.84	3	<8	<2	<2	36	.2	<3	<3	49	.73	.049	5	39	.71	81	.11	4	1.21	.09	.12	2	1.3
04501	2	12	18	249	1.5	6	8	764	2.57	4	<8	<2	11	60	2.5	<3	4	71	1.31	.060	12	15	1.01	70	.12	<3	1.20	.08	.10	<2	1.9
04502	4	77	26	234	1.0	19	16	972	2.92	4	<8	<2	5	71	2.1	<3	<3	73	1.78	.112	8	35	1.52	62	.15	<3	1.68	.07	.08	2	1.9
04503	4	84	16	213	.9	22	17	966	3.12	3	<8	<2	5	73	1.8	<3	<3	89	1.73	.119	8	34	1.56	80	.16	<3	1.81	.09	.10	<2	2.2
04504	14	162	101	5882	2.4	40	22	2087	6.45	8	<8	<2	4	164	78.7	<3	6	88	4.25	.128	22	58	2.04	260	.02	<3	3.16	.02	.26	<2	3.0
04505	2	39	15	124	<.3	18	15	913	2.69	2	<8	<2	4	72	.9	<3	3	70	1.93	.142	9	39	1.50	107	.15	<3	1.65	.09	.11	3	3.4
04506	2	54	19	111	<.3	13	17	1113	3.21	<2	<8	<2	4	73	.4	<3	<3	79	1.70	.170	11	21	1.70	48	.15	<3	1.85	.07	.08	3	2.9
04507	3	28	44	296	.4	18	17	1212	3.17	2	<8	<2	5	82	2.4	<3	<3	70	1.78	.134	11	39	1.88	48	.16	<3	2.08	.07	.10	2	2.2
04508	7	12	31	148	<.3	4	4	502	1.53	<2	<8	<2	19	32	1.9	<3	<3	27	.80	.050	23	16	.47	53	.09	<3	.68	.06	.12	5	1.9
04509	6	23	16	101	<.3	5	4	542	1.55	<2	10	<2	17	39	.8	<3	<3	26	.86	.048	24	13	.53	60	.11	4	.79	.07	.13	3	1.2
04510	5	17	35	99	<.3	35	15	743	2.48	<2	<8	<2	3	73	.3	<3	<3	56	1.34	.142	7	50	1.61	65	.15	<3	1.75	.10	.08	3	1.5
STANDARD DS3	10	122	37	155	<.3	37	12	812	3.14	31	9	<2	3	26	5.5	5	6	75	.51	.096	17	183	.59	163	.08	<3	1.70	.03	.16	7	20.0

Sample type: CORE R150 60C. 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 ___

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(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103335 Page 1

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
SI	<1	2	<3	1	<.3	1	<1	2	.03	5	<8	<2	<2	1	<.2	<3	<3	2	.05	<.001	<1	5	<.01	2	<.01	4	.01	.23	<.01	<2	1.5
1631	3	124	1180	2928	8.7	5	9	1348	2.90	551	<8	<2	13	42	45.1	3	5	22	1.13	.041	10	30	.57	128	.01	4	1.70	.02	.56	<2	555.9
1632	10	113	663	2971	5.4	5	9	1543	2.94	126	<8	<2	13	45	44.3	3	5	22	1.31	.039	13	22	.62	77	<.01	<3	1.64	.02	.45	<2	218.3
1633	37	139	774	3056	5.0	14	13	2076	3.55	22	<8	<2	10	60	41.6	<3	7	43	1.47	.061	18	35	1.02	109	.01	<3	1.97	.04	.44	<2	19.6
1634	19	38	201	1078	.8	33	17	3424	3.54	10	<8	<2	3	67	11.4	3	4	68	1.99	.119	15	64	1.32	107	.12	<3	2.28	.04	.77	<2	59.0
1635	16	298	2525	5688	14.2	17	13	2860	4.99	97	<8	<2	8	85	91.6	5	12	47	2.27	.061	13	40	.73	81	.06	3	1.89	.03	.61	<2	121.4
1636	12	84	263	978	3.0	5	8	2018	2.72	11	<8	<2	14	79	12.6	3	4	28	2.25	.043	19	29	.65	85	.01	<3	1.61	.02	.51	<2	7.6
1637	6	103	408	2021	3.3	5	9	2018	2.94	4	<8	<2	14	117	26.4	<3	5	29	2.35	.044	19	44	.79	77	<.01	<3	1.72	.02	.48	<2	10.4
1638	7	209	551	4230	6.9	5	9	2171	3.59	37	<8	<2	11	123	79.3	<3	7	27	1.85	.041	9	27	.61	74	.01	<3	1.87	.01	.56	<2	105.9
1639	21	869	790	3727	495.9	6	13	2249	4.01	1368	<8	2	9	180	75.2	36	22	24	2.78	.034	7	40	.61	61	.01	<3	1.83	.02	.54	<2	2547.6
1640	36	294	691	3057	12.7	8	13	2954	3.99	89	<8	<2	9	177	53.1	<3	13	31	3.39	.047	11	32	.80	55	<.01	<3	1.79	.02	.45	<2	761.4
RE 1640	35	288	675	3027	12.6	8	13	2906	3.93	89	<8	<2	9	174	52.3	3	12	32	3.34	.046	11	30	.79	54	<.01	<3	1.79	.02	.45	<2	755.2
RRE 1640	36	283	653	2916	12.8	10	13	2870	3.87	95	<8	<2	9	171	49.7	<3	10	34	3.28	.045	11	40	.79	57	<.01	<3	1.81	.02	.48	<2	1226.5
1641	18	187	562	2240	9.1	30	16	2573	4.42	57	<8	<2	10	100	42.7	4	12	60	2.69	.060	15	80	1.28	95	.03	<3	2.38	.02	.66	<2	1603.4
1642	10	66	246	1105	1.9	7	9	1647	2.91	5	9	<2	14	64	13.2	<3	<3	26	1.61	.045	20	50	.60	83	.01	<3	1.84	.02	.58	<2	20.0
1643	7	70	787	2638	3.3	5	8	1276	2.48	4	<8	<2	17	52	36.0	<3	4	20	1.21	.039	22	35	.55	88	.01	3	1.72	.02	.58	<2	220.6
1644	5	396	1910	3086	26.1	7	10	1403	3.52	8	<8	<2	14	42	48.7	3	32	29	.98	.040	18	47	.60	75	.01	<3	1.89	.02	.56	<2	59.8
1645	36	5419	6340	14797	132.9	12	35	2155	11.39	49	<8	<2	6	148	300.1	7	96	102	3.42	.049	14	41	.81	44	.01	<3	2.74	.02	.39	<2	266.3
1646	20	332	4783	3998	79.1	14	7	988	6.70	20866	<8	6	4	41	97.8	86	<3	21	1.41	.041	11	77	.19	49	.01	4	1.05	.01	.45	2	4384.9
1647	14	360	3547	8254	34.5	12	9	1671	6.80	19061	<8	15	4	22	162.5	41	10	21	.98	.035	11	49	.37	43	.01	3	1.43	.01	.40	<2	11332.1
1648	4	174	1245	1512	34.6	11	10	1359	3.70	11330	<8	3	10	49	29.7	19	17	41	1.13	.061	12	57	.93	74	.03	<3	1.56	.05	.26	<2	2422.7
1649	50	2075	19041	22429	306.5	1680	42	1113	7.26	30262	<8	6	<2	23	528.2	1056	39	36	.49	.009	6	2026	.18	43	<.01	6	.67	<.01	.21	2	8985.0
1650	1	15	6	30	<.3	22	6	281	1.47	6	<8	<2	<2	17	<.2	<3	<3	35	.45	.047	3	20	.62	30	.06	<3	.76	.02	.05	<2	1.1
1652	5	34	81	430	1.3	23	16	1612	3.46	51	<8	<2	5	111	5.3	<3	<3	76	2.95	.100	12	74	1.83	58	.16	<3	2.25	.07	.21	<2	34.0
1653	15	37	128	628	.9	24	21	2032	3.87	29	<8	<2	4	116	7.5	3	<3	86	2.86	.108	7	70	1.95	57	.18	4	2.52	.10	.12	<2	7.2
1654	16	58	136	671	.8	7	14	1170	2.90	14	<8	<2	7	86	8.0	<3	<3	67	1.50	.074	9	36	1.39	58	.15	4	1.84	.12	.16	<2	47.7
RE 1654	14	55	132	644	1.0	6	14	1110	2.75	12	<8	<2	7	79	7.6	3	<3	64	1.40	.070	9	31	1.32	55	.14	6	1.74	.11	.15	<2	46.3
RRE 1654	16	54	132	616	1.0	8	14	1140	2.84	9	<8	<2	7	85	7.2	<3	<3	67	1.46	.073	9	41	1.35	59	.14	<3	1.82	.12	.16	<2	37.7
1655	5	32	16	104	.4	5	12	970	2.64	5	<8	<2	7	71	.8	<3	<3	83	1.29	.072	9	37	1.13	56	.14	<3	1.51	.12	.11	2	8.6
1656	5	17	17	65	<.3	6	10	786	2.47	5	<8	<2	6	90	.5	<3	<3	84	1.29	.074	10	44	.95	56	.15	3	1.43	.14	.11	2	6.6
1657	5	19	19	95	<.3	5	12	1090	2.82	14	<8	<2	8	87	.7	<3	<3	74	1.63	.067	9	34	1.33	44	.15	<3	1.66	.09	.11	3	9.1
1658	2	28	33	92	<.3	8	14	1045	3.14	4	<8	<2	7	91	.7	<3	<3	91	1.75	.076	10	40	1.60	48	.16	4	1.91	.12	.12	3	4.0
1659	4	33	16	163	<.3	5	12	834	2.77	6	<8	<2	8	80	1.8	<3	<3	85	1.66	.070	12	35	1.26	53	.13	<3	1.51	.09	.12	<2	3.2
1660	<1	9	38	4121	.7	5	8	4173	1.52	<2	<8	<2	13	141	54.8	<3	7	32	2.47	.053	12	28	.58	98	.11	<3	.90	.20	.02	<2	4.7
STANDARD DS3	10	130	36	163	<.3	35	12	856	3.32	31	12	<2	4	29	5.5	6	6	83	.57	.098	19	189	.63	153	.09	3	1.86	.04	.18	6	20.6

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE R150 60C AU* BY ACID LEACHED, ANALYZE BY ICP-MS. (10 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 24 2001 **DATE REPORT MAILED:** Oct 9/01 **SIGNED BY**.....D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
1661	1	4	22	693	.3	4	8	3593	2.38	7	<8	<2	13	174	6.3	<3	3	59	3.43	.053	15	28	.99	204	.09	<3	1.12	.08	.02	<2	1.0
1662	1	3	24	611	.5	6	7	2562	1.92	8	<8	<2	12	189	5.3	<3	<3	50	3.01	.053	10	32	.86	56	.10	<3	1.08	.09	.01	<2	2.6
1663	1	3	28	416	.4	4	5	1986	1.46	5	<8	<2	12	151	4.3	<3	<3	45	2.50	.056	11	26	.49	16	.12	<3	.77	.09	<.01	<2	1.2
1664	1	6	41	408	.9	4	6	2623	1.70	4	<8	<2	16	124	6.4	<3	<3	48	3.03	.056	14	29	.70	17	.12	<3	.84	.09	.01	<2	2.1
1665	1	2	17	189	.3	3	6	2265	1.98	7	<8	<2	11	188	1.6	<3	<3	45	3.10	.050	9	26	.83	17	.10	<3	1.17	.08	.02	<2	1.0
1666	<1	2	44	184	2.2	4	5	1861	1.54	6	<8	<2	19	128	2.1	<3	8	39	2.89	.031	16	26	.56	13	.03	<3	.88	.10	.04	<2	3.5
1667	2	4	9	140	.3	5	7	2077	2.16	7	<8	<2	16	139	.7	<3	<3	51	3.42	.044	15	27	.94	27	.03	<3	1.17	.08	.07	<2	1.7
1668	1	20	4	169	.4	17	9	1454	2.89	10	<8	<2	4	107	.8	<3	<3	68	1.90	.109	12	53	1.41	164	.14	<3	1.63	.10	.20	<2	4.9
RE 1668	1	21	5	173	.3	19	10	1467	2.94	11	<8	<2	4	110	.7	<3	<3	69	1.94	.111	12	54	1.43	165	.14	<3	1.66	.10	.20	<2	5.1
RRE 1668	2	20	4	171	.3	17	10	1479	2.96	11	<8	<2	5	107	.8	<3	<3	70	1.97	.113	11	49	1.46	156	.14	<3	1.65	.10	.19	<2	4.7
1669	1	29	11	376	.6	21	9	2185	2.92	20	<8	<2	4	126	2.1	<3	<3	68	2.93	.118	13	55	1.55	60	.11	<3	1.69	.08	.14	<2	14.7
1670	6	92	13	153	2.5	18	14	1748	3.40	28	<8	<2	5	140	1.9	<3	<3	54	3.38	.104	12	46	1.46	182	.07	4	1.81	.05	.31	5	55.1
1671	1	23	9	263	.6	19	10	2199	3.40	10	<8	<2	6	160	1.5	<3	3	65	3.63	.109	17	45	1.58	428	.03	<3	1.86	.07	.19	<2	3.6
1672	1	7	10	217	.4	5	8	2660	2.43	12	<8	<2	13	178	1.9	<3	<3	32	4.54	.058	10	25	.94	476	.01	<3	1.30	.04	.26	<2	7.3
1673	3	49	5	68	1.2	10	13	979	3.73	15	<8	<2	11	83	.9	<3	<3	67	1.93	.062	13	53	1.10	89	.07	<3	1.48	.06	.20	7	9.1
1674	2	5	11	49	.9	6	12	3837	2.68	31	<8	<2	11	105	.5	<3	3	24	3.15	.071	13	32	1.27	152	.02	<3	1.61	.02	.31	<2	11.0
1675	2	10	5	43	<.3	9	10	723	2.43	7	<8	<2	11	87	.3	<3	<3	66	1.48	.067	13	59	.96	152	.10	<3	1.26	.08	.14	<2	.9
1676	3	6	10	57	.5	8	10	2008	2.45	49	<8	<2	11	102	.2	<3	<3	26	3.19	.062	11	37	1.32	174	.01	<3	1.53	.02	.27	<2	20.0
1677	2	12	7	53	<.3	8	10	628	2.57	7	<8	<2	10	82	.4	<3	<3	73	1.45	.068	12	53	1.02	99	.12	<3	1.23	.09	.12	<2	3.3
STANDARD DS3	10	124	36	157	<.3	36	12	794	3.15	33	<8	<2	4	27	5.7	5	4	81	.54	.095	19	189	.60	153	.09	3	1.75	.03	.17	5	23.7

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

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

Data A FA ___

[redacted]ME [redacted]YTI [redacted]LA[redacted]TOR[redacted]LTD[redacted] 8[redacted]E. [redacted]ING[redacted]. V[redacted]UVE[redacted]C [redacted]1R6[redacted] PH[redacted]604[redacted]-3[redacted]FAX[redacted])25[redacted]16[redacted]
(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103335R

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Ag** gm/mt	Au** gm/mt
1639	522.6	2.93
1641	8.0	1.72
1642	2.0	<.01
1645	151.4	.32
1646	73.0	5.48
1647	32.0	13.94
1648	35.0	3.13
RE 1648	34.5	2.96
STANDARD R-1/AU-1	100.1	3.09

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: CORE PULP
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 11 2001 **DATE REPORT MAILED:** Oct 18/01 **SIGNED BY** ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data___ FA ___

(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103335R2

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Ag** gm/mt	Au** gm/mt
1640	12.3	1.81

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: CORE PULP

DATE RECEIVED: NOV 2 2001 **DATE REPORT MAILED:** Nov 7/01 **SIGNED BY.** C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data FA

[redacted]ME [redacted]YTI[redacted]LAB[redacted]TORI[redacted]LTD[redacted] 8[redacted]. H[redacted]INGS[redacted]. V[redacted]UVE[redacted] V[redacted]R6 [redacted] PH[redacted]604[redacted]-31[redacted]FAX [redacted]25[redacted]16 [redacted]

(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103335R3

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Ag** gm/mt	Au** gm/mt
1631	9.7	.73

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: CORE PULP

DATE RECEIVED: NOV 9 2001 **DATE REPORT MAILED:** Nov 16/01 **SIGNED BY.** C. Leong .D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data [redacted] FA [redacted]

[redacted]ME [redacted]LYT[redacted] LA[redacted]TOR[redacted] LTD[redacted] [redacted]E. [redacted]ING[redacted]T. V[redacted]DUV[redacted]C [redacted]1R6[redacted] PH[redacted](60[redacted]3-3[redacted] FAX[redacted])25[redacted]716[redacted]

(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103365 Page 1

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
SI	1	1	<3	3	<.3	2	<1	17	.04	<2	<8	<2	<2	2	.2	<3	<3	<1	.08	<.001	<1	5	<.01	4	<.01	<3	.01	.40	.01	<2	<.2
1678	2	10	7	54	.3	7	11	819	2.69	9	<8	<2	12	99	.3	<3	<3	69	2.16	.068	11	42	1.21	111	.07	<3	1.46	.07	.18	<2	6.2
1679	2	12	4	41	<.3	10	11	667	2.59	7	<8	<2	12	87	<.2	<3	<3	70	1.89	.066	10	55	1.18	113	.09	<3	1.39	.08	.16	<2	1.9
1680	1	6	6	59	<.3	8	11	856	2.67	11	<8	<2	11	102	.3	<3	<3	68	2.32	.065	14	39	1.22	264	.07	3	1.41	.07	.16	<2	7.0
1681	2	202	8	63	3.8	9	13	1398	3.09	15	<8	<2	12	102	.4	<3	<3	47	2.85	.061	15	48	1.20	432	.02	<3	1.62	.04	.31	<2	17.5
1682	4	41	15	64	1.5	6	12	2168	2.59	56	<8	<2	11	130	.4	<3	<3	46	3.10	.068	14	35	1.00	348	.03	<3	1.40	.03	.28	<2	42.7
1683	2	41	5	46	<.3	10	11	697	2.82	7	<8	<2	12	108	.2	<3	<3	85	1.58	.071	11	54	1.17	192	.11	<3	1.41	.10	.12	<2	1.5
1684	2	9	5	34	<.3	6	9	483	2.52	7	<8	<2	12	79	<.2	<3	<3	80	1.04	.067	11	53	.88	98	.14	<3	1.10	.09	.10	<2	.3
1685	2	10	4	33	<.3	9	9	451	2.48	5	<8	<2	11	75	<.2	<3	<3	78	1.00	.065	10	62	.81	89	.15	<3	1.06	.10	.10	<2	1.7
1686	3	26	4	38	<.3	8	10	540	2.60	10	<8	<2	11	84	<.2	<3	<3	84	1.12	.069	11	63	.96	93	.15	<3	1.18	.11	.12	<2	2.2
1687	3	36	8	43	.3	9	10	674	2.76	7	<8	<2	10	78	<.2	<3	<3	79	1.47	.066	11	53	.95	106	.13	<3	1.18	.10	.10	<2	.6
1688	2	20	3	45	<.3	7	11	926	2.99	12	<8	<2	11	64	<.2	<3	<3	78	1.90	.071	11	46	1.00	84	.09	<3	1.21	.08	.17	<2	2.0
RE 1688	2	21	7	45	.3	9	11	931	3.02	14	<8	<2	10	64	.2	<3	<3	78	1.91	.071	12	47	1.01	83	.09	<3	1.22	.07	.17	<2	3.0
RRE 1688	2	23	5	49	.3	10	11	924	3.03	14	<8	<2	10	66	<.2	<3	<3	78	1.92	.069	12	51	1.01	86	.09	<3	1.23	.07	.18	<2	3.1
1689	3	10	4	31	<.3	7	8	422	2.18	4	<8	<2	9	81	<.2	<3	<3	69	1.00	.069	10	49	.68	80	.14	<3	.99	.10	.09	<2	.2
1690	2	10	6	32	<.3	10	8	403	2.49	6	<8	<2	10	69	<.2	<3	<3	81	.83	.071	11	58	.69	100	.15	<3	1.01	.13	.12	<2	.4
1691	3	25	14	36	1.4	7	10	637	2.68	8	<8	<2	9	61	<.2	<3	<3	85	1.17	.068	11	50	.95	151	.14	<3	1.17	.10	.13	<2	7.7
1692	4	10	30	64	2.2	8	11	3173	2.44	144	<8	<2	9	104	.2	<3	3	32	3.60	.062	11	38	.78	102	<.01	<3	1.56	.08	.38	<2	213.8
1693	2	14	8	41	<.3	8	10	756	2.77	10	<8	<2	7	82	.3	<3	<3	84	1.84	.079	12	45	1.09	143	.11	<3	1.24	.09	.15	<2	3.6
1694	3	35	17	60	2.7	9	12	1065	2.88	19	<8	<2	8	102	.2	<3	<3	70	2.39	.078	13	39	1.28	164	.07	<3	1.56	.06	.22	<2	22.3
1695	1	17	5	48	<.3	11	12	828	2.81	9	<8	<2	9	91	<.2	<3	<3	78	1.97	.078	11	45	1.42	127	.11	3	1.62	.08	.13	<2	1.8
1696	1	24	5	50	<.3	13	14	895	3.12	15	<8	<2	9	81	<.2	<3	<3	86	2.08	.080	11	46	1.51	89	.11	<3	1.69	.08	.15	<2	6.9
1697	2	20	3	45	<.3	8	12	668	2.84	11	<8	<2	9	90	<.2	<3	<3	87	1.67	.081	10	46	1.29	87	.15	<3	1.51	.11	.11	<2	.8
1698	1	27	3	45	<.3	11	12	732	2.95	9	<8	<2	9	85	<.2	<3	<3	87	1.75	.079	10	48	1.36	85	.14	5	1.63	.12	.13	<2	.2
1699	58	2140	25552	20140	250.5	2182	50	912	7.88	35863	<8	11	3	23	534.6	966	40	27	.51	.010	5	2999	.18	47	<.01	4	.61	<.01	.21	<2	9618.7
1700	1	17	<3	34	<.3	25	6	279	1.55	8	<8	<2	<2	21	<.2	<3	<3	40	.44	.052	3	22	.65	44	.06	4	.88	.03	.07	<2	.9
1701	2	27	9	53	.5	10	13	868	2.95	13	<8	<2	9	164	.2	<3	<3	80	1.79	.077	10	42	1.45	85	.08	<3	1.80	.06	.12	<2	7.7
1702	1	5	8	58	<.3	4	10	1484	2.42	17	<8	<2	11	85	<.2	<3	<3	38	3.43	.059	13	28	1.57	102	<.01	<3	1.85	.04	.28	<2	16.3
RE 1702	1	6	9	59	.4	5	10	1486	2.42	14	<8	<2	10	84	<.2	<3	<3	39	3.45	.058	13	29	1.58	101	.01	<3	1.86	.04	.29	<2	15.2
RRE 1702	2	5	9	57	.5	5	10	1464	2.36	15	<8	<2	11	84	<.2	<3	<3	38	3.40	.058	13	30	1.55	96	.01	<3	1.80	.04	.26	<2	11.7
1703	2	9	13	71	.6	6	11	947	2.48	11	<8	<2	11	62	<.2	<3	<3	48	2.36	.063	14	29	1.18	100	.01	5	1.55	.06	.24	<2	5.1
1704	2	51	175	120	2.6	5	10	1226	2.51	28	<8	<2	12	107	2.7	<3	<3	36	4.07	.053	9	28	1.43	84	.01	<3	1.60	.02	.28	<2	138.3
1705	2	26	12	52	.5	7	12	771	2.55	9	<8	<2	12	68	<.2	<3	<3	60	2.01	.060	12	39	1.19	124	.03	<3	1.52	.05	.19	<2	16.5
1706	3	12	6	47	<.3	6	11	799	2.56	9	<8	<2	11	68	<.2	<3	<3	64	2.11	.061	14	31	1.14	79	.04	<3	1.43	.06	.17	<2	1.8
STANDARD DS3	9	125	37	160	<.3	37	12	804	3.20	34	<8	<2	4	27	5.5	4	6	81	.53	.096	17	189	.61	153	.08	3	1.76	.03	.17	4	19.3

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE R150 60C AU* BY ACID LEACHED, ANALYZE BY ICP-MS. (10 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 26 2001 **DATE REPORT MAILED:** Oct 9/01 **SIGNED BY.....** D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
1707	10	101	6	53	.3	12	22	899	3.66	12	<8	<2	6	133	.8	<3	<3	124	2.71	.081	10	51	1.89	497	.16	4	2.19	.10	.16	<2	7.0
1708	4	17	4	60	<.3	9	15	897	3.22	10	<8	<2	8	96	.6	<3	<3	100	2.83	.070	9	48	1.70	69	.11	5	1.91	.06	.11	<2	1.3
1709	2	14	5	51	.4	7	11	785	2.45	10	<8	<2	10	65	.3	<3	<3	59	1.76	.061	11	31	1.17	75	.07	4	1.43	.06	.15	<2	5.0
1710	3	19	6	57	<.3	6	11	699	2.37	9	<8	<2	11	66	.3	<3	<3	56	1.67	.062	11	40	1.25	86	.09	4	1.51	.06	.12	<2	1.2
1711	2	13	4	62	<.3	6	11	695	2.35	7	<8	<2	10	81	.2	3	<3	53	1.89	.063	13	38	1.21	86	.05	4	1.63	.06	.17	<2	.2
1712	2	16	6	107	<.3	7	10	655	2.35	10	<8	<2	11	68	.2	5	<3	63	1.55	.061	11	44	1.19	69	.09	4	1.44	.05	.09	<2	1.0
1713	2	9	7	47	<.3	7	10	676	2.21	8	<8	<2	10	74	.3	<3	<3	51	1.75	.060	13	36	1.17	63	.04	3	1.57	.05	.15	4	1.1
1714	2	8	4	44	<.3	6	11	755	2.37	8	<8	<2	11	73	.4	<3	<3	52	1.95	.059	16	35	1.17	66	.01	3	1.51	.05	.18	<2	4.7
1715	1	9	4	51	<.3	7	12	778	2.48	8	<8	<2	12	72	.3	3	<3	48	2.05	.064	16	38	1.27	77	.01	5	1.67	.05	.21	<2	1.8
1716	2	18	7	51	<.3	6	11	1103	2.42	10	<8	<2	11	76	.3	<3	<3	43	2.61	.060	16	35	1.18	56	.01	4	1.61	.05	.21	<2	5.9
RE 1716	2	17	8	51	<.3	6	11	1099	2.41	11	<8	<2	11	76	.4	4	<3	44	2.61	.059	16	36	1.18	56	.02	4	1.61	.05	.21	<2	7.5
RRE 1716	2	19	7	51	<.3	7	11	1090	2.46	9	<8	<2	11	78	.4	<3	<3	44	2.57	.060	16	40	1.19	62	.02	4	1.65	.05	.22	<2	4.1
1717	2	10	6	51	.5	33	14	1619	2.72	17	<8	<2	11	66	.5	4	<3	57	2.16	.070	15	59	1.67	73	.02	4	2.02	.04	.23	3	5.0
1718	3	10	8	73	.7	75	18	2073	3.08	39	<8	<2	7	181	.7	3	<3	49	4.81	.074	12	73	1.80	109	.02	5	2.28	.04	.38	<2	2.7
1719	2	15	21	120	1.4	142	25	1552	4.14	23	<8	<2	2	241	1.6	<3	<3	73	4.76	.100	10	165	3.24	76	<.01	5	3.02	.02	.29	<2	2.7
1720	4	10	89	185	.6	21	4	742	.87	8	<8	<2	9	76	4.8	<3	<3	10	1.17	.015	13	56	.49	72	<.01	5	.82	.02	.32	<2	6.2
1721	6	4	215	100	.4	2	<1	1063	.44	4	<8	<2	6	55	2.2	<3	<3	2	1.26	.006	18	38	.04	99	<.01	4	.43	.03	.39	<2	12.2
1722	8	8	181	270	.8	5	<1	902	.52	7	<8	<2	11	69	6.3	<3	<3	2	1.13	.004	16	62	.04	80	<.01	5	.50	.03	.38	<2	27.8
1723	6	5	125	141	.5	<1	<1	564	.62	10	<8	<2	7	27	2.9	<3	<3	2	.41	.006	19	43	.05	97	<.01	5	.46	.04	.34	<2	16.7
1724	5	8	34	97	<.3	6	4	655	1.71	5	<8	<2	6	49	.9	<3	<3	23	1.17	.023	29	50	.46	68	<.01	4	.94	.06	.23	<2	2.4
STANDARD DS3	9	121	38	154	<.3	37	12	789	3.11	34	<8	<2	4	27	5.8	4	6	80	.53	.094	18	183	.59	155	.09	5	1.73	.04	.17	7	20.1

Sample type: CORE R150 60C. 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 ____

[redacted]CME[redacted]LYT[redacted]L L[redacted]ATO[redacted] LT[redacted] [redacted]E. [redacted]TING[redacted]T. [redacted]NCOUVER BC [redacted]V6H 1R6[redacted] PH[redacted](604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103446 Page 1

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
SI	<1	1	<3	2	<.3	1	<1	3	.03	3	<8	<2	<2	1	<.2	<3	<3	<1	.07	.001	<1	4	.01	6	<.01	<3	.01	.29	<.01	<2	1.6
4511	2	6	8	37	<.3	5	9	683	2.52	13	<8	<2	11	68	<.2	<3	<3	77	1.54	.058	10	55	.95	127	.11	<3	1.11	.08	.13	<2	15.5
4512	1	5	5	47	<.3	3	9	706	2.27	15	<8	<2	11	78	<.2	<3	<3	64	1.98	.059	9	33	.91	119	.08	<3	1.11	.05	.21	2	2.1
4513	1	16	8	58	.5	5	10	1135	2.34	8	<8	<2	11	105	.3	<3	<3	47	2.80	.055	10	32	.97	213	.03	<3	1.32	.04	.34	<2	3.1
4514	7	46	60	84	28.6	3	12	2223	2.44	81	<8	<2	10	108	.7	<3	<3	18	3.00	.059	7	20	.84	99	.02	<3	1.13	.02	.39	<2	146.1
4515	1	12	7	54	1.4	5	10	910	2.61	13	<8	<2	9	67	.2	<3	<3	70	2.06	.060	10	51	1.03	108	.07	<3	1.20	.06	.17	<2	13.9
4516	2	95	10	52	2.3	4	9	910	2.45	13	<8	<2	10	92	<.2	<3	<3	61	2.22	.058	11	36	1.05	176	.04	<3	1.26	.04	.23	<2	11.4
4517	10	645	12	53	8.5	9	76	729	9.10	13	<8	<2	10	119	<.2	<3	<3	78	2.89	.045	4	46	.88	37	.02	<3	1.24	.03	.25	10	6.8
4518	2	10	7	42	.4	4	9	876	2.15	14	<8	<2	11	95	.2	<3	<3	46	2.83	.054	11	44	.85	131	.05	<3	1.11	.03	.26	2	6.6
4519	2	15	9	49	1.7	7	10	1033	2.41	31	<8	<2	12	114	<.2	<3	<3	52	2.25	.057	10	59	1.04	98	.05	<3	1.31	.04	.22	<2	45.4
4520	2	12	6	49	1.7	4	10	1008	2.34	32	<8	<2	10	112	<.2	<3	<3	52	2.22	.056	10	44	1.02	96	.05	<3	1.27	.04	.21	<2	28.8
RE 4520	3	11	8	49	1.6	4	10	1018	2.37	32	<8	<2	12	114	<.2	<3	<3	52	2.24	.057	10	45	1.04	98	.05	<3	1.28	.04	.20	<2	37.0
RRE 4520	2	8	8	44	.6	8	10	782	2.37	14	<8	<2	11	97	<.2	<3	<3	58	2.04	.058	11	65	1.06	110	.08	<3	1.27	.05	.17	2	10.2
4521	2	16	8	50	1.1	4	9	814	2.35	20	<8	<2	10	93	.2	<3	<3	52	1.90	.056	10	46	1.00	89	.07	<3	1.26	.05	.20	<2	9.4
4522	2	6	7	37	.3	6	9	552	2.37	6	<8	<2	11	76	<.2	<3	<3	68	1.20	.058	11	70	.93	73	.12	<3	1.15	.08	.11	<2	1.4
4523	2	13	7	52	.5	4	10	672	2.16	14	<8	<2	11	145	<.2	<3	<3	50	1.23	.056	9	47	1.10	82	.11	<3	1.37	.04	.12	<2	18.7
4524	2	7	6	40	.3	5	9	560	2.39	5	<8	<2	12	134	<.2	<3	3	72	1.16	.058	10	65	.97	99	.12	<3	1.16	.08	.10	<2	1.6
4525	2	6	5	37	.3	4	8	557	2.10	6	<8	<2	12	60	<.2	<3	<3	59	1.23	.050	10	47	.85	56	.09	<3	1.00	.06	.12	<2	.9
4526	2	8	5	51	.4	7	9	702	2.54	7	<8	<2	13	143	<.2	<3	<3	67	1.55	.051	19	63	1.02	95	.08	<3	1.19	.07	.13	<2	4.3
4527	3	5	7	76	.4	5	9	958	2.47	8	<8	<2	12	78	<.2	<3	<3	60	2.25	.055	10	45	1.02	108	.05	<3	1.21	.04	.23	<2	3.9
4528	1	39	12	71	1.7	6	10	1066	2.54	16	<8	<2	12	86	<.2	<3	<3	62	2.45	.059	11	55	1.03	134	.05	<3	1.27	.04	.27	<2	9.3
4529	3	95	12	82	2.8	4	9	1032	2.31	18	<8	<2	12	70	.3	3	<3	58	2.31	.059	8	44	1.14	90	.06	<3	1.30	.05	.18	6	15.8
4530	1	18	5	97	.4	7	9	885	1.99	6	<8	<2	10	101	.4	<3	<3	48	1.91	.062	11	41	.85	54	.12	<3	.96	.09	.05	<2	3.0
4531	2	9	12	96	2.1	7	10	1161	2.23	9	<8	<2	10	110	.3	<3	<3	57	2.35	.068	10	32	1.04	53	.11	<3	1.13	.08	.04	<2	5.5
4532	2	11	5	70	.3	5	10	842	2.55	5	<8	<2	12	120	.2	<3	<3	72	1.81	.058	9	56	.99	222	.08	<3	1.27	.06	.16	<2	.3
RE 4532	2	11	5	69	.3	7	9	830	2.50	3	<8	<2	11	117	<.2	<3	<3	70	1.78	.057	9	52	.97	216	.08	<3	1.23	.06	.16	<2	.5
RRE 4532	2	12	5	70	.3	4	9	820	2.44	4	<8	<2	9	99	<.2	<3	<3	67	1.78	.056	9	38	.96	173	.07	<3	1.18	.05	.14	<2	.4
4533	1	4	3	119	<.3	5	11	1065	2.65	4	<8	<2	10	349	.3	<3	<3	67	2.54	.061	11	39	1.21	637	.07	<3	1.56	.08	.08	<2	.2
4534	2	9	12	144	5.4	5	11	1431	2.78	10	<8	<2	11	111	.7	<3	8	62	2.98	.062	10	28	1.16	58	.09	<3	1.40	.07	.05	<2	2.7
4535	1	6	12	155	2.2	7	9	2426	2.75	25	<8	<2	9	138	.6	<3	<3	42	4.21	.052	8	33	1.25	60	.05	<3	1.44	.06	.08	<2	16.3
4536	4	22	41	193	5.9	15	10	2432	3.08	115	<8	<2	5	95	.8	3	<3	54	3.31	.099	10	41	1.30	79	.07	<3	1.60	.05	.22	<2	48.6
4537	18	95	461	177	73.5	14	6	2491	4.25	1300	<8	<2	3	50	2.5	14	<3	23	2.28	.067	5	74	.69	57	.05	<3	.99	.01	.32	4	1287.9
4538	4	236	16	216	4.1	18	11	1643	3.50	19	<8	<2	5	104	1.0	4	<3	77	2.58	.107	11	54	1.59	192	.07	<3	1.90	.10	.23	<2	9.7
4539	3	334	18	174	5.8	15	13	1407	3.41	13	<8	<2	4	76	.4	3	<3	63	2.17	.121	11	56	1.36	92	.13	<3	1.75	.06	.13	<2	19.8
STANDARD DS3	10	126	34	159	.3	37	12	813	3.18	33	<8	<2	4	27	5.7	5	6	79	.55	.096	18	195	.60	169	.08	3	1.75	.04	.16	4	21.4

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE R150 60C AU* BY ACID LEACHED, ANALYZE BY ICP-MS. (10 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 1 2001 **DATE REPORT MAILED:** Oct 9/01 **SIGNED BY.....** D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
4540	2	21	17	124	1.4	3	11	1312	4.96	3	<8	<2	4	44	.9	<3	<3	72	2.25	.213	22	9	1.20	91	.19	<3	2.07	.05	.12	<2	6.6
4541	2	15	17	109	.7	2	10	1125	4.74	5	<8	<2	4	68	.9	<3	<3	72	2.06	.204	20	19	1.14	157	.23	<3	1.91	.06	.12	<2	<.2
4542	3	15	14	131	.4	2	10	973	4.83	3	<8	<2	4	68	.7	<3	<3	77	2.01	.203	20	13	1.08	105	.23	<3	1.96	.08	.09	<2	<.2
4543	3	16	20	114	.5	2	10	995	4.87	2	<8	<2	4	92	.8	<3	<3	82	2.15	.202	19	17	1.07	83	.21	<3	1.99	.10	.09	<2	<.2
4544	4	15	23	134	.7	<1	11	1116	4.89	<2	<8	<2	3	89	1.3	<3	<3	74	2.26	.206	16	10	1.16	86	.19	<3	2.19	.08	.11	<2	<.2
4545	2	31	14	127	1.3	5	10	1082	4.38	6	<8	<2	5	97	.7	<3	<3	51	2.03	.209	17	18	1.04	110	.22	<3	2.15	.04	.21	<2	.9
4546	2	21	19	62	3.6	2	5	1116	1.11	17	<8	<2	19	81	.5	<3	<3	10	3.24	.030	12	34	.31	110	.02	<3	.77	.02	.33	<2	31.6
4547	1	5	20	75	1.0	6	8	1070	2.00	11	<8	<2	16	96	.3	<3	<3	35	2.99	.049	13	48	.69	106	<.01	<3	1.12	.04	.34	<2	3.8
4548	3	4	3	45	.3	4	8	804	1.86	7	<8	<2	15	103	<.2	<3	<3	34	2.53	.046	10	38	.71	162	.03	<3	1.04	.04	.28	2	1.1
RE 4548	2	4	7	45	.3	4	8	797	1.84	6	<8	<2	15	102	.2	<3	<3	31	2.52	.047	9	38	.70	159	.02	<3	1.02	.04	.28	<2	1.1
RRE 4548	2	5	7	44	.4	4	8	817	1.93	5	<8	<2	17	104	.3	<3	<3	34	2.57	.047	11	54	.72	189	.02	<3	1.06	.04	.28	2	.6
4549	60	2013	22361	20248	239.5	2228	52	990	7.51	31525	<8	14	3	22	511.6	861	45	25	.49	.010	5	3319	.17	46	<.01	<3	.56	.01	.20	<2	9584.1
4550	1	18	5	40	<.3	27	7	371	1.91	6	<8	<2	<2	41	.2	<3	<3	55	.81	.049	5	79	.73	97	.12	4	1.34	.11	.15	2	<.2
4551	3	5	5	39	.4	4	9	877	2.07	7	<8	<2	16	103	.2	<3	<3	40	2.31	.048	15	41	.84	307	.02	<3	1.07	.04	.26	<2	8.8
4552	6	4	7	35	<.3	6	8	734	2.15	7	<8	<2	16	81	.2	<3	<3	51	1.93	.049	14	68	.77	133	.06	<3	1.03	.05	.23	2	7.1
4553	19	3	5	30	<.3	6	7	465	2.21	6	<8	<2	18	58	.2	<3	<3	63	1.22	.049	14	52	.78	98	.11	<3	.94	.06	.14	3	.9
4554	33	6	3	40	<.3	7	8	537	2.47	5	<8	<2	17	73	.2	<3	<3	70	1.25	.052	13	73	.88	122	.13	<3	1.08	.07	.13	4	1.4
4555	29	1187	52	60	12.5	5	11	695	4.65	<2	<8	<2	16	63	1.0	<3	7	80	1.66	.045	10	43	.88	95	.08	<3	1.08	.05	.16	14	17.9
4556	26	6	4	53	<.3	8	9	718	2.49	4	8	<2	16	66	.2	3	<3	70	1.54	.053	12	61	.94	89	.10	<3	1.10	.08	.13	2	1.5
4557	32	30	5	60	1.1	4	9	876	2.47	7	<8	<2	16	80	<.2	<3	<3	57	1.91	.050	16	46	.96	91	.08	<3	1.21	.07	.15	<2	4.1
4558	1	13	7	163	1.0	6	9	1983	2.60	18	<8	<2	15	92	.5	<3	<3	43	3.22	.052	9	40	.95	44	.05	<3	1.30	.06	.10	<2	8.5
4559	3	22	8	832	2.2	2	8	1667	1.41	5	<8	<2	20	75	17.5	<3	6	24	2.65	.025	14	28	.47	141	.02	<3	.74	.07	.11	<2	3.3
4560	23	5	7	34	<.3	4	4	519	1.03	4	<8	<2	17	57	.2	<3	<3	18	1.42	.022	15	66	.34	114	.01	<3	.65	.05	.26	<2	1.4
4561	18	4	5	49	<.3	4	8	931	2.15	9	<8	<2	16	75	.3	<3	<3	50	1.88	.049	14	45	.79	172	.08	<3	1.01	.05	.27	<2	3.2
4562	19	14	24	98	4.0	8	8	1255	2.33	50	<8	<2	14	68	1.9	3	<3	50	1.85	.048	12	70	.80	138	.05	<3	1.09	.06	.28	<2	73.2
RE 4562	21	14	24	98	3.6	8	8	1255	2.34	48	<8	<2	14	68	2.0	<3	<3	52	1.85	.049	13	73	.80	139	.07	<3	1.10	.06	.28	<2	73.3
RRE 4562	28	11	18	101	3.1	4	8	1201	2.21	44	<8	<2	13	65	2.1	<3	<3	49	1.79	.049	13	45	.79	131	.06	<3	1.06	.05	.26	<2	58.1
4563	1	22	7	51	.8	7	8	730	2.51	5	<8	<2	11	63	.2	<3	<3	65	1.41	.055	13	58	.95	146	.09	<3	1.12	.06	.22	<2	4.0
4564	2	44	5	44	.4	5	8	517	2.44	4	<8	<2	12	56	.3	<3	<3	69	1.21	.056	11	45	.92	86	.12	<3	1.07	.06	.13	2	1.6
4565	1	6	4	35	<.3	7	9	623	2.37	3	<8	<2	12	67	.2	<3	<3	67	1.60	.057	12	61	.90	133	.09	<3	1.06	.06	.18	<2	.5
4566	2	3	7	39	.3	6	8	1228	1.78	12	<8	<2	10	132	.2	<3	<3	19	4.58	.055	14	39	.51	257	<.01	<3	.93	.01	.38	2	11.1
4567	2	6	<3	41	<.3	8	9	615	2.38	5	<8	<2	12	74	.3	<3	<3	62	1.92	.058	13	58	.98	276	.07	<3	1.15	.05	.18	2	2.2
4568	2	16	3	41	.3	6	9	670	2.57	3	<8	<2	12	62	.2	<3	<3	74	1.82	.058	11	44	1.01	127	.08	<3	1.16	.06	.14	2	1.3
4569	1	6	<3	39	<.3	9	10	686	2.69	5	<8	<2	11	78	<.2	<3	<3	84	1.70	.061	13	64	1.10	248	.12	<3	1.24	.07	.14	3	.2
STANDARD DS3	9	124	33	159	.4	36	12	807	3.19	30	<8	<2	5	28	5.4	5	6	80	.56	.096	18	188	.61	170	.09	<3	1.77	.03	.17	2	20.3

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

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

Data___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
4570	3	5	3	42	<.3	5	10	762	2.40	3	<8	<2	10	65	<.2	<3	<3	60	1.82	.059	9	40	1.04	109	.05	<3	1.31	.04	.17	<2	.5
4571	1	19	10	85	.5	5	11	1182	2.22	7	<8	<2	9	120	.4	<3	<3	44	2.33	.066	10	35	1.11	303	.10	<3	1.49	.06	.10	<2	1.0
4572	2	11	45	109	2.3	4	11	2341	2.17	68	<8	<2	9	91	1.6	<3	<3	28	2.80	.060	9	29	.92	236	.04	<3	1.26	.04	.19	<2	90.3
4573	2	14	7	55	.5	6	10	865	2.46	6	<8	<2	10	75	.3	<3	<3	57	1.93	.059	9	48	1.07	180	.04	3	1.32	.05	.15	<2	8.3
4574	2	7	6	62	<.3	6	9	698	2.44	3	<8	<2	10	63	.3	3	<3	63	1.60	.066	13	45	1.05	87	.10	3	1.25	.07	.16	<2	2.8
4575	2	25	8	38	.4	7	9	604	2.41	8	<8	<2	10	65	.2	<3	<3	71	1.21	.066	11	62	.91	81	.12	<3	1.13	.08	.12	2	6.3
4576	2	9	28	45	.5	6	10	741	2.44	8	<8	<2	10	72	.3	<3	<3	70	1.60	.067	10	47	1.08	74	.12	3	1.28	.07	.13	2	4.0
4577	2	12	16	60	2.2	7	10	1290	2.53	467	<8	<2	10	63	.5	<3	<3	57	1.67	.063	10	64	.87	74	.07	<3	1.15	.05	.22	<2	106.6
4578	1	7	6	43	.5	5	10	1010	2.49	41	<8	<2	9	67	.2	<3	<3	67	1.67	.068	10	42	1.01	67	.10	<3	1.21	.06	.17	<2	10.7
4579	2	14	11	47	.4	6	10	775	2.34	11	<8	<2	9	77	.2	3	<3	63	1.77	.065	11	60	1.02	77	.11	<3	1.30	.07	.16	2	3.3
4580	2	10	11	40	2.1	5	10	1323	2.57	341	<8	<2	8	86	<.2	<3	<3	55	2.25	.061	9	45	.90	87	.05	<3	1.23	.06	.22	2	62.7
RE 4580	2	9	10	39	1.9	6	10	1307	2.51	343	<8	<2	8	84	<.2	<3	<3	52	2.20	.061	9	44	.88	82	.05	<3	1.20	.05	.21	2	68.8
RRE 4580	1	10	7	38	1.9	6	10	1314	2.57	336	<8	<2	9	85	<.2	<3	<3	56	2.22	.062	9	55	.89	87	.05	<3	1.22	.06	.21	<2	63.1
4581	2	11	27	48	3.1	5	10	723	2.67	5	<8	<2	10	68	.3	3	<3	79	1.61	.068	12	47	1.12	103	.10	<3	1.27	.07	.13	<2	9.6
4582	2	16	3	40	.8	8	11	763	2.78	8	<8	<2	9	69	.3	<3	<3	80	1.68	.071	11	60	1.12	98	.11	3	1.36	.09	.15	2	7.1
4583	2	6	4	40	<.3	5	11	665	2.70	3	<8	<2	11	83	<.2	<3	<3	79	1.62	.068	12	50	1.19	56	.12	<3	1.39	.08	.11	<2	1.6
4584	1	6	4	35	<.3	7	10	575	2.64	3	<8	<2	10	95	<.2	<3	<3	80	1.39	.069	11	60	1.05	75	.13	<3	1.29	.09	.10	<2	1.0
4585	2	8	4	45	.3	5	10	807	2.49	14	<8	<2	10	81	<.2	3	<3	65	2.05	.067	11	44	1.06	85	.12	<3	1.29	.07	.15	2	9.0
4586	2	8	3	31	<.3	5	9	537	2.50	3	<8	<2	12	78	<.2	<3	<3	77	1.10	.065	11	64	.91	91	.14	<3	1.15	.10	.12	2	4.1
4587	2	9	5	32	<.3	5	9	498	2.45	<2	<8	<2	10	82	<.2	<3	<3	78	1.13	.065	10	45	.84	84	.14	<3	1.07	.09	.09	2	.7
4588	2	10	<3	34	.3	7	9	630	2.61	5	<8	<2	9	63	.2	3	<3	82	1.23	.066	12	62	.98	73	.14	3	1.15	.10	.08	<2	1.2
4589	3	19	5	38	1.5	5	10	1326	2.60	58	<8	<2	9	79	<.2	<3	<3	66	1.92	.067	12	46	1.02	104	.08	<3	1.24	.07	.19	<2	59.5
4590	1	16	4	46	<.3	7	10	730	2.65	4	<8	<2	10	75	.2	3	<3	77	1.68	.064	13	62	1.11	119	.10	<3	1.28	.09	.12	2	2.5
4591	2	16	4	38	<.3	6	11	723	2.72	5	<8	<2	10	70	<.2	3	<3	80	1.67	.067	12	47	1.16	95	.09	<3	1.29	.08	.10	2	1.7
4592	2	22	<3	42	.3	8	11	736	2.80	3	<8	<2	10	85	<.2	3	<3	80	1.83	.069	12	62	1.22	150	.11	<3	1.40	.08	.12	2	1.1
RE 4592	1	21	5	42	<.3	8	12	749	2.82	4	<8	<2	9	85	<.2	<3	<3	78	1.85	.069	12	60	1.23	149	.11	<3	1.42	.09	.12	<2	2.9
RRE 4592	2	19	<3	42	<.3	5	11	753	2.78	4	<8	<2	9	83	.2	<3	<3	78	1.85	.070	12	46	1.23	147	.11	3	1.39	.08	.11	<2	2.1
4593	1	22	6	46	.3	8	11	917	2.77	5	<8	<2	9	85	<.2	<3	<3	74	2.13	.072	14	58	1.15	236	.08	<3	1.41	.10	.18	2	3.3
4594	3	29	3	39	.4	5	10	757	2.61	9	<8	<2	9	68	<.2	<3	<3	82	1.48	.068	11	48	1.03	138	.13	<3	1.20	.10	.11	2	5.8
4595	4	27	3	33	.3	7	10	671	2.70	4	<8	<2	9	97	<.2	3	<3	86	1.42	.071	12	67	1.02	166	.14	<3	1.27	.12	.13	<2	1.6
4596	6	21	<3	35	<.3	6	9	642	2.57	3	<8	<2	9	66	<.2	<3	<3	85	1.22	.074	11	49	.97	127	.14	<3	1.18	.12	.14	<2	.5
4597	5	11	6	48	.7	9	12	1409	3.04	31	<8	<2	8	87	.3	<3	<3	70	2.62	.073	15	52	1.29	146	.05	3	1.52	.07	.22	<2	33.8
4598	2	9	<3	39	<.3	8	12	757	2.83	3	<8	<2	8	101	.2	<3	<3	84	1.91	.078	14	44	1.30	157	.09	<3	1.45	.10	.15	<2	1.7
4599	60	1972	22545	19761	232.8	2139	49	988	7.45	31558	<8	13	3	22	503.6	858	41	24	.49	.010	6	3076	.17	45	<.01	4	.57	.01	.19	<2	9500.4
4600	1	18	3	37	<.3	26	6	371	1.87	7	<8	<2	<2	35	.2	<3	<3	53	.76	.049	5	61	.73	82	.12	4	1.25	.09	.13	2	<.2
STANDARD DS3	10	131	35	159	.3	36	12	859	3.33	31	<8	<2	4	29	6.0	5	6	83	.58	.100	18	190	.64	173	.10	3	1.84	.03	.18	3	22.2

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

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Data___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
4601	2	14	8	41	<.3	11	12	859	2.85	6	<8	<2	8	123	.3	<3	4	82	1.94	.078	13	57	1.34	137	.09	<3	1.56	.09	.17	2	5.3
4602	1	15	8	37	<.3	8	11	716	2.68	3	<8	<2	9	222	.3	<3	<3	86	1.38	.079	14	48	1.15	356	.13	3	1.54	.12	.25	<2	.3
4603	2	15	5	36	<.3	9	11	579	2.64	3	8	<2	10	222	<.2	<3	<3	86	1.12	.076	13	60	1.03	407	.13	<3	1.59	.13	.30	<2	<.2
4604	3	15	14	53	.3	8	13	533	2.79	8	<8	<2	9	113	.2	<3	<3	53	.91	.079	19	42	1.38	209	.01	<3	1.79	.04	.30	<2	6.8
RE 4604	2	16	17	54	.3	8	12	525	2.74	11	<8	<2	8	111	.2	<3	<3	52	.90	.079	19	45	1.36	207	.01	<3	1.77	.04	.30	<2	6.3
RRE 4604	2	16	15	55	.4	11	13	552	2.89	8	<8	<2	9	112	.2	<3	<3	53	.94	.081	19	51	1.41	210	.01	<3	1.83	.04	.30	<2	9.0
4605	2	21	8	47	<.3	9	12	802	2.88	2	<8	<2	9	110	<.2	<3	<3	81	1.82	.081	15	45	1.40	194	.09	<3	1.62	.09	.16	<2	.3
4606	2	16	15	48	.9	10	12	1047	2.70	10	11	<2	9	95	.3	<3	<3	61	2.46	.079	14	49	1.13	101	.07	<3	1.44	.07	.20	<2	11.2
4607	4	50	13	70	1.8	10	14	1542	2.76	5	<8	<2	10	106	.2	<3	4	39	2.87	.086	17	31	1.28	117	.01	<3	1.81	.04	.27	<2	2.5
4608	1	11	8	53	<.3	11	13	826	2.96	<2	<8	<2	10	97	<.2	<3	<3	85	2.15	.082	15	54	1.34	245	.08	<3	1.53	.09	.17	<2	1.2
STANDARD DS3	9	128	36	164	<.3	36	12	834	3.28	32	<8	<2	4	28	5.9	4	5	82	.55	.099	19	192	.63	165	.09	3	1.82	.04	.17	5	19.9

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

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Data___ FA ____

ME LYT LA TOR LTD E. ING. V UVE C 1R6 PH (604 3-3 FAX)25 16
(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103446R

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Ag** gm/mt	Au** gm/mt
4537	70.8	1.37

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: CORE PULP

DATE RECEIVED: OCT 11 2001 **DATE REPORT MAILED:** Oct 18/01 **SIGNED BY.** C. Leong .D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

[redacted]ME [redacted]LYT[redacted] LA[redacted]TOR[redacted] LTI[redacted] [redacted]E. [redacted]ING[redacted]T. V[redacted]OUV[redacted]C [redacted]1R6[redacted] PH[redacted](60[redacted]3-3[redacted] FAX[redacted])2[redacted]716[redacted]

(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103498 Page 1

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
SI	1	2	<3	3	<.3	<1	<1	5	.04	<2	<8	<2	<2	2	<.2	<3	<3	<1	.08	<.001	<1	3	<.01	3	<.01	<3	.01	.36	<.01	<2	.6
4609	2	9	6	57	<.3	10	15	1081	2.86	5	<8	<2	10	106	<.2	3	<3	64	2.70	.078	17	31	1.47	291	.03	<3	1.61	.05	.18	2	6.6
4610	2	14	10	52	<.3	10	14	1056	2.89	7	<8	<2	11	106	.2	4	<3	63	2.95	.074	18	26	1.29	264	.03	<3	1.57	.06	.25	<2	4.0
4611	3	11	6	52	.7	6	11	1128	2.33	10	<8	<2	11	92	<.2	<3	<3	38	3.14	.060	15	18	1.04	229	.01	<3	1.42	.04	.30	2	2.8
4612	11	3	8	64	.4	5	11	2619	2.20	<2	<8	<2	10	74	.2	<3	<3	29	2.79	.062	19	15	1.13	54	.01	<3	1.65	.02	.38	<2	1.2
4613	22	9	23	48	<.3	1	1	1026	1.07	3	<8	<2	4	49	.2	<3	<3	1	1.47	.004	28	8	.10	70	<.01	<3	.43	.05	.24	3	7.1
4614	8	24	7	48	.5	6	19	1293	2.55	5	<8	<2	12	86	.3	3	<3	47	2.21	.058	15	17	.95	136	.03	<3	1.35	.05	.24	2	3.4
4615	3	11	6	44	.3	5	11	1015	2.64	11	<8	<2	13	82	.2	3	<3	66	2.26	.058	13	20	1.01	114	.06	3	1.19	.06	.15	2	5.7
4616	2	8	9	56	<.3	9	11	838	2.81	2	<8	<2	13	72	<.2	5	<3	78	1.99	.067	14	34	1.15	139	.08	4	1.32	.08	.15	2	.9
4617	4	7	8	36	<.3	6	9	765	2.51	3	<8	<2	11	61	.2	3	<3	70	1.49	.062	11	20	.93	129	.10	<3	1.12	.07	.16	2	2.3
4618	4	4	9	50	.8	6	11	1660	2.67	17	<8	<2	11	87	<.2	<3	<3	57	2.80	.060	14	17	1.06	133	.02	<3	1.33	.05	.26	<2	12.8
RE 4618	2	5	12	49	.8	5	11	1660	2.69	17	<8	<2	11	87	<.2	<3	<3	57	2.80	.059	14	19	1.06	132	.02	3	1.33	.05	.25	<2	12.2
RRE 4618	3	4	13	50	.6	5	11	1623	2.62	17	<8	<2	12	86	.2	<3	<3	58	2.79	.060	15	20	1.07	147	.02	<3	1.30	.05	.23	2	12.9
4619	2	7	55	25	1.4	3	3	1122	1.82	18	<8	<2	10	178	.2	<3	<3	23	2.78	.049	10	14	.28	198	.05	<3	1.18	.01	.41	<2	14.8
4620	3	16	10	41	.8	5	10	1976	2.33	28	<8	<2	11	100	<.2	<3	<3	44	2.74	.057	13	16	.84	136	.02	<3	1.17	.03	.29	2	20.4
4621	5	4	28	5	2.6	2	2	1312	.49	18	<8	<2	9	63	.2	<3	<3	<1	2.17	.006	18	11	.03	69	<.01	<3	.38	<.01	.40	<2	39.5
4622	4	9	6	53	.5	6	11	1340	2.54	12	<8	<2	11	98	.3	<3	<3	49	2.74	.061	13	21	1.06	184	.02	<3	1.35	.04	.26	<2	8.8
4623	4	7	8	55	.6	6	12	1343	2.82	18	<8	<2	11	117	.2	<3	4	50	2.98	.062	15	17	1.06	149	.01	<3	1.53	.06	.33	<2	7.3
4624	5	6	10	71	1.4	5	11	1785	2.76	18	<8	<2	12	103	.4	4	<3	42	2.96	.065	13	16	1.00	260	.01	<3	1.41	.07	.19	2	18.5
4625	15	5	13	13	.8	2	2	826	.68	20	<8	<2	8	45	<.2	3	<3	3	1.47	.008	16	7	.20	646	<.01	<3	.51	.01	.37	<2	21.3
4626	3	8	3	40	<.3	6	10	693	2.53	<2	8	<2	10	58	<.2	4	<3	72	1.32	.061	13	18	.89	108	.12	<3	1.08	.08	.14	2	3.0
4627	3	9	9	41	<.3	7	10	626	2.59	<2	<8	<2	11	74	<.2	<3	<3	75	1.43	.064	12	22	1.01	147	.13	<3	1.22	.09	.13	<2	.9
4628	3	6	7	47	<.3	6	11	754	2.64	<2	<8	<2	12	77	<.2	<3	<3	65	1.81	.061	12	19	1.16	169	.09	<3	1.41	.08	.14	2	1.1
4629	8	10	6	7	<.3	2	2	149	.48	<2	21	<2	33	27	<.2	<3	<3	5	.56	.003	13	9	.11	192	.01	<3	.27	.07	.14	<2	2.1
4630	2	5	10	49	<.3	5	11	797	2.46	2	<8	<2	14	75	.2	<3	<3	50	2.39	.059	13	15	1.07	149	.02	<3	1.35	.05	.23	<2	1.2
RE 4630	2	5	11	50	.3	5	11	792	2.45	<2	<8	<2	14	75	.2	<3	<3	52	2.38	.059	14	14	1.07	149	.02	<3	1.38	.05	.24	<2	.9
RRE 4630	2	7	8	50	<.3	6	11	814	2.55	3	<8	<2	15	77	<.2	3	<3	54	2.42	.060	13	17	1.09	164	.02	<3	1.44	.06	.26	<2	.8
4631	2	4	10	49	<.3	6	11	917	2.66	9	<8	<2	11	82	<.2	4	<3	60	2.54	.065	14	17	1.17	139	.05	3	1.38	.05	.22	2	10.2
4632	2	7	131	75	3.3	6	11	978	2.65	7	<8	<2	11	106	.9	4	3	58	2.56	.062	16	22	1.12	331	.03	4	1.39	.07	.22	<2	30.6
4633	3	9	10	56	.6	4	11	1005	2.48	2	<8	<2	13	118	<.2	4	<3	54	2.50	.055	17	13	1.10	732	.03	<3	1.34	.06	.20	2	10.5
4634	4	10	8	50	.3	6	11	867	2.74	3	<8	<2	9	90	.2	3	<3	74	1.87	.064	13	17	1.19	236	.10	<3	1.34	.09	.13	<2	6.7
4635	4	6	7	58	<.3	5	10	837	2.77	<2	<8	<2	9	78	<.2	3	<3	73	2.02	.063	11	16	1.21	147	.06	<3	1.32	.07	.14	2	.6
4636	2	11	7	67	.3	5	10	1211	2.68	4	<8	<2	10	93	.3	<3	<3	57	2.79	.062	15	16	1.15	288	.01	<3	1.44	.06	.24	<2	.7
4637	5	4	63	56	1.7	1	4	1864	1.09	25	<8	<2	7	77	.6	<3	<3	8	2.09	.046	19	4	.19	131	.01	<3	.88	.04	.43	<2	101.5
STANDARD DS3	11	126	36	162	<.3	35	12	844	3.25	30	10	<2	4	29	5.9	6	5	81	.56	.097	18	185	.62	146	.09	4	1.79	.04	.18	4	20.4

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE R150 60C AU* BY ACID LEACHED, ANALYZE BY ICP-MS. (10 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 3 2001 **DATE REPORT MAILED:** Oct 11/01 **SIGNED BY:** .....D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data ✓ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
4638	2	9	22	66	1.9	5	11	2454	2.56	27	<8	<2	11	100	.5	<3	<3	30	3.80	.069	13	10	1.11	145	<.01	<3	1.60	.02	.37	<2	20.8
4639	3	15	9	57	1.3	5	11	1127	2.65	7	<8	<2	11	84	.2	<3	3	59	2.37	.065	12	17	1.08	244	.04	<3	1.44	.06	.24	<2	7.5
4640	2	15	7	61	1.3	5	13	1082	3.00	6	<8	<2	10	90	.4	3	<3	63	2.73	.068	12	14	1.17	245	.05	<3	1.50	.07	.20	2	8.0
4641	6	10	33	62	3.1	5	12	1433	2.74	33	<8	<2	11	86	.6	<3	<3	56	2.50	.064	13	11	.98	289	.03	<3	1.34	.05	.24	2	37.8
4642	4	9	9	50	.6	5	11	1379	2.69	7	<8	<2	12	93	.2	3	<3	55	2.44	.064	13	16	1.09	466	.04	<3	1.60	.06	.27	3	4.3
4643	4	9	5	44	.5	5	11	890	2.57	5	<8	<2	12	69	<.2	<3	<3	64	1.66	.067	11	14	1.11	116	.08	<3	1.38	.06	.17	2	5.9
4644	3	6	6	47	.4	5	11	837	2.72	3	<8	<2	10	72	<.2	3	<3	72	1.89	.066	10	16	1.11	161	.09	<3	1.36	.08	.15	<2	1.3
4645	3	17	11	49	.6	5	12	948	2.89	6	<8	<2	10	71	.2	3	<3	79	2.17	.066	11	14	1.28	77	.07	3	1.48	.07	.16	3	8.4
4646	2	21	238	98	36.9	6	12	1045	2.78	17	<8	<2	9	80	.9	3	<3	65	2.20	.066	10	14	1.23	151	.06	3	1.51	.06	.22	3	528.0
RE 4646	3	22	248	101	37.7	5	12	1073	2.85	19	<8	2	10	82	1.0	3	<3	66	2.25	.067	10	14	1.26	152	.07	<3	1.55	.06	.22	2	654.0
RRE 4646	2	20	229	93	37.9	6	12	1049	2.76	19	<8	<2	9	80	.9	3	<3	66	2.23	.066	10	17	1.24	170	.07	<3	1.49	.05	.20	2	537.1
4647	5	56	13	95	1.9	6	16	1508	3.58	6	<8	<2	8	97	.3	4	<3	102	2.99	.067	9	18	1.97	110	.13	<3	2.03	.07	.16	2	25.0
4648	3	11	6	38	<.3	6	10	654	2.62	3	<8	<2	11	69	<.2	<3	3	79	1.38	.068	11	21	.99	111	.12	<3	1.15	.07	.12	2	6.8
4649	55	2023	27754	21921	236.0	1886	43	1136	7.34	34190	<8	4	<2	23	527.9	975	49	34	.49	.009	5	2095	.18	43	<.01	3	.68	<.01	.21	<2	8910.2
4650	4	19	<3	44	<.3	26	7	366	1.91	6	<8	<2	<2	41	<.2	<3	3	55	.80	.050	4	21	.75	78	.12	4	1.31	.11	.15	2	<.2
4651	2	12	19	56	1.0	6	12	1046	2.77	21	8	<2	10	92	.3	3	<3	63	2.62	.065	12	22	1.18	355	.04	<3	1.42	.06	.21	<2	33.3
4652	2	22	11	51	.8	5	12	819	2.46	4	<8	<2	10	104	.2	4	3	57	2.38	.067	14	16	1.11	304	.03	<3	1.33	.05	.20	2	7.8
4653	1	5	4	54	<.3	5	12	998	2.61	11	<8	<2	11	120	.3	3	3	49	2.78	.067	15	12	1.14	205	.03	3	1.51	.05	.29	<2	17.7
4654	3	7	5	49	<.3	5	12	867	2.61	7	<8	<2	10	94	.2	<3	3	60	2.39	.067	14	16	1.14	227	.03	<3	1.40	.05	.21	2	6.0
4655	3	9	5	56	<.3	5	13	1092	2.81	11	<8	<2	9	118	.3	<3	<3	50	3.37	.070	15	13	1.25	462	.01	<3	1.63	.03	.32	2	9.8
4656	3	14	4	50	<.3	6	13	1168	2.91	5	<8	<2	11	122	<.2	<3	3	72	2.88	.067	14	14	1.24	576	.01	<3	1.49	.05	.21	2	4.7
4657	2	13	9	43	<.3	6	12	812	2.67	3	<8	<2	12	132	<.2	<3	<3	63	2.42	.066	17	13	1.16	421	.02	<3	1.49	.06	.21	2	2.2
4658	3	14	3	41	<.3	4	12	801	2.56	2	<8	<2	11	94	<.2	<3	<3	57	2.59	.064	14	13	1.12	429	.02	3	1.38	.04	.20	<2	2.6
4659	3	14	5	45	<.3	5	12	910	2.59	4	<8	<2	12	96	<.2	4	<3	56	2.65	.065	14	13	1.13	303	.02	<3	1.44	.05	.26	3	3.6
4660	2	10	21	48	.5	6	10	646	2.47	2	<8	<2	11	87	<.2	<3	<3	70	1.51	.064	11	16	1.07	193	.11	<3	1.26	.07	.12	4	4.6
4661	3	7	19	58	.6	5	12	999	2.74	6	<8	<2	10	111	.4	4	<3	59	2.86	.066	14	13	1.21	515	.01	<3	1.52	.05	.25	2	4.2
4662	3	10	7	45	.3	5	11	896	2.48	7	<8	<2	9	91	<.2	<3	<3	56	2.64	.065	12	15	.99	150	.04	<3	1.28	.04	.23	3	3.1
RE 4662	3	10	5	46	.6	4	11	929	2.59	7	<8	<2	11	95	.2	<3	<3	60	2.72	.068	13	12	1.02	156	.05	<3	1.34	.04	.25	2	3.2
RRE 4662	2	17	7	47	.4	5	12	910	2.58	4	<8	<2	10	94	.2	3	<3	60	2.62	.066	12	11	1.03	168	.05	<3	1.39	.05	.28	2	2.6
4663	3	7	8	41	<.3	5	11	728	2.66	5	<8	<2	11	80	<.2	<3	<3	64	2.17	.066	15	15	1.06	99	.05	<3	1.36	.06	.19	2	1.5
4664	3	5	8	44	<.3	5	12	794	2.83	3	<8	<2	11	108	.2	<3	<3	69	2.42	.067	14	13	1.27	125	.06	<3	1.64	.06	.16	2	.8
4665	3	11	8	49	<.3	5	14	768	2.57	<2	<8	<2	10	83	<.2	<3	<3	46	2.15	.068	12	15	1.42	86	.03	<3	1.83	.05	.17	2	.6
4666	3	8	4	46	.6	5	11	1061	2.78	2	<8	<2	12	102	<.2	<3	4	49	3.97	.063	19	10	1.33	99	<.01	<3	1.79	.04	.30	2	1.7
4667	2	16	8	51	<.3	5	12	824	2.83	<2	<8	<2	11	71	<.2	<3	<3	68	2.21	.065	13	12	1.28	151	.04	<3	1.66	.05	.14	2	.9
STANDARD DS3	10	125	36	161	.3	36	13	830	3.24	29	9	<2	4	28	5.6	6	4	80	.56	.098	17	185	.62	141	.09	4	1.79	.04	.17	6	24.6

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

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Data ___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
4668	2	41	7	51	.3	5	12	943	2.75	<2	<8	<2	10	75	<.2	<3	<3	62	2.56	.061	13	13	1.15	182	.02	<3	1.57	.07	.19	<2	1.1
4669	2	19	9	54	<.3	4	10	898	2.52	<2	<8	<2	10	73	.3	<3	<3	57	2.07	.063	13	11	1.16	83	.05	3	1.43	.06	.12	2	1.2
4670	2	24	8	59	<.3	4	11	974	2.66	<2	<8	<2	11	78	<.2	<3	<3	54	2.65	.062	15	13	1.18	110	.02	<3	1.55	.05	.21	<2	2.0
4671	2	12	9	50	<.3	4	10	930	2.63	2	<8	<2	9	107	.2	<3	3	53	2.59	.056	18	12	1.11	238	<.01	<3	1.46	.05	.21	<2	1.8
4672	2	12	9	105	.8	1	11	1299	4.80	4	<8	<2	3	134	<.2	<3	<3	72	3.08	.219	28	3	.94	154	.03	<3	2.00	.09	.27	2	1.7
4673	3	14	6	107	.5	1	11	1092	4.95	5	<8	<2	3	119	.2	<3	3	85	2.52	.220	26	6	1.03	173	.04	<3	1.99	.12	.19	<2	1.2
4674	3	14	5	109	.6	1	10	1080	4.73	5	<8	<2	3	121	<.2	<3	3	82	2.37	.211	25	4	1.00	175	.05	<3	1.93	.12	.18	<2	1.1
4675	2	12	5	105	.7	2	11	1017	4.82	4	<8	<2	3	118	<.2	<3	<3	79	2.39	.214	29	3	1.01	120	.03	<3	1.91	.10	.19	<2	.9
4676	2	12	7	107	.9	2	11	1045	4.87	<2	<8	<2	5	134	<.2	<3	<3	77	2.43	.218	31	5	1.03	193	.02	<3	1.96	.10	.21	2	1.4
4677	4	4	6	48	.3	11	11	1787	2.87	15	<8	<2	10	125	<.2	<3	<3	44	2.79	.060	19	15	1.43	285	.01	<3	1.85	.07	.26	2	4.4
4678	4	13	9	101	1.0	2	10	1050	4.12	<2	<8	<2	4	94	<.2	<3	<3	46	2.06	.190	28	5	1.07	103	.01	<3	2.06	.05	.31	2	5.9
RE 4678	3	13	12	101	1.0	2	10	1062	4.16	3	<8	<2	4	95	<.2	3	<3	45	2.09	.193	29	2	1.09	105	.01	<3	2.08	.05	.31	<2	3.8
RRE 4678	3	13	11	103	.9	2	10	1044	4.06	2	<8	<2	4	92	<.2	<3	<3	42	2.04	.187	29	6	1.07	94	<.01	<3	1.97	.04	.28	2	5.8
4679	10	37	358	368	2.4	25	11	4106	3.16	34	<8	<2	6	187	6.0	<3	<3	11	6.03	.054	13	17	1.27	54	<.01	<3	1.71	.01	.32	4	33.3
4680	5	7	73	65	.7	2	2	677	.64	8	<8	<2	10	48	1.7	<3	<3	3	1.13	.014	15	8	.12	56	<.01	3	.46	.01	.31	2	9.8
4681	4	13	159	307	1.1	2	1	978	.47	12	<8	<2	9	56	9.3	<3	<3	1	1.13	.005	16	9	.02	77	<.01	<3	.41	.01	.39	4	36.4
4682	4	9	131	179	.6	2	1	904	.38	9	<8	<2	11	74	5.1	<3	3	<1	1.37	.003	13	8	.01	64	<.01	3	.44	.01	.38	4	64.5
4683	5	8	98	113	<.3	2	1	717	.40	4	<8	<2	11	54	3.6	<3	<3	<1	1.11	.003	15	5	.01	62	<.01	3	.43	.02	.39	2	17.8
4684	4	5	48	101	<.3	1	1	782	.40	7	<8	<2	10	72	3.6	<3	3	<1	1.23	.003	14	7	.01	46	<.01	<3	.31	.02	.31	3	10.4
4685	5	8	85	155	<.3	2	1	783	.57	5	<8	<2	10	75	4.7	<3	<3	1	1.24	.007	15	8	.06	53	<.01	<3	.41	.03	.33	2	25.2
4686	5	5	60	73	.4	3	3	638	.95	8	<8	<2	7	42	1.4	<3	<3	2	.92	.016	19	10	.22	55	<.01	3	.60	.02	.29	2	22.3
4687	8	15	227	222	1.2	5	2	447	.71	7	<8	<2	4	27	4.6	<3	<3	3	.60	.008	11	7	.16	38	<.01	<3	.42	.01	.21	3	15.0
4688	32	19	435	622	2.0	7	3	688	.98	7	<8	<2	4	29	12.1	<3	<3	3	.97	.011	7	10	.26	38	<.01	<3	.50	<.01	.21	8	16.1
4689	26	37	159	740	2.3	8	7	1404	1.52	17	<8	<2	6	56	11.1	3	<3	9	2.17	.029	10	10	.41	50	<.01	<3	.86	.01	.32	9	30.9
4690	91	45	628	1011	4.8	13	8	620	1.42	38	<8	<2	5	30	17.7	16	<3	8	.83	.027	9	19	.38	51	<.01	<3	.72	.01	.27	12	75.3
RE 4690	92	46	630	1006	4.7	13	8	614	1.41	36	<8	<2	4	30	17.7	14	<3	8	.83	.028	8	15	.38	51	<.01	<3	.71	<.01	.27	12	70.0
RRE 4690	90	48	663	1046	4.8	14	8	660	1.45	36	<8	<2	4	31	18.3	14	<3	8	.90	.028	8	14	.39	54	<.01	<3	.74	.01	.29	13	75.7
4691	41	51	121	457	2.4	6	5	629	1.56	16	<8	<2	10	26	6.3	<3	<3	7	.91	.042	19	10	.42	55	<.01	<3	.83	.01	.34	6	20.3
4692	12	34	230	588	2.0	35	8	830	1.72	20	10	<2	6	27	7.7	<3	3	16	1.10	.043	11	35	.64	53	<.01	<3	.99	.01	.31	7	39.6
4693	1	8	109	871	<.3	160	25	3168	5.55	16	<8	<2	<2	104	7.9	<3	<3	62	5.05	.110	9	160	2.52	34	<.01	<3	2.96	.01	.26	7	2.2
4694	3	1126	174	1493	25.2	27	21	1318	4.19	34	<8	<2	11	35	13.5	4	5	24	1.08	.056	16	33	1.20	55	<.01	3	2.13	.01	.45	18	47.5
4695	3	81	29	1124	1.6	5	8	1812	2.75	2	<8	<2	13	88	10.7	<3	<3	20	2.08	.046	21	11	.95	50	<.01	<3	1.60	.02	.32	14	4.2
4696	2	34	48	680	.6	5	9	1348	2.51	<2	<8	<2	15	81	5.6	<3	<3	29	1.65	.048	23	16	.90	107	<.01	<3	1.50	.05	.31	9	1.3
4697	3	43	33	760	1.0	5	8	1484	2.31	2	<8	<2	14	117	6.6	<3	<3	13	2.37	.049	24	11	.62	51	<.01	<3	1.27	.02	.33	10	2.3
STANDARD DS3	10	126	32	164	<.3	36	12	828	3.22	31	<8	<2	4	28	5.4	5	5	78	.55	.097	18	184	.61	152	.09	<3	1.76	.04	.17	3	19.1

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

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Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
4698	5	40	67	579	2.0	6	9	1384	2.64	<2	<8	<2	14	70	5.2	<3	4	30	1.56	.047	24	13	.91	58	<.01	<3	1.62	.05	.36	<2	2.1
4699	58	2094	15631	22046	160.3	2447	50	1207	7.71	35350	<8	6	<2	23	524.7	1018	41	40	.51	.010	6	2423	.19	42	<.01	<3	.65	<.01	.22	<2	7525.1
4700	2	19	<3	43	<.3	31	7	380	1.95	7	<8	<2	<2	41	.2	<3	<3	56	.82	.050	5	45	.76	78	.12	<3	1.32	.10	.15	2	.6
4701	7	37	59	457	1.4	6	9	1486	2.38	6	<8	<2	14	81	4.1	<3	<3	33	1.88	.048	23	17	.92	77	<.01	<3	1.52	.04	.27	<2	13.9
4702	17	30	86	358	8.1	9	10	1430	2.70	3	<8	<2	14	75	3.0	<3	18	34	1.87	.052	23	15	.95	61	<.01	<3	1.64	.03	.34	10	8.1
4703	8	20	66	384	.3	30	15	1755	3.32	3	<8	<2	4	99	2.0	<3	3	51	2.57	.086	17	39	1.33	82	.01	4	2.55	.02	.52	3	7.2
4704	3	178	316	1401	9.0	10	12	1592	3.20	4	<8	<2	12	54	15.7	<3	10	44	1.22	.055	17	14	1.05	104	.02	<3	1.92	.04	.28	2	7.5
4705	<1	57	38	867	1.5	5	10	1574	2.83	7	<8	<2	13	62	9.1	<3	<3	52	1.87	.048	17	14	1.05	51	.01	<3	1.73	.05	.21	<2	5.9
4706	6	39	107	551	3.3	6	9	1627	3.00	5	<8	<2	13	62	5.4	<3	8	48	1.80	.050	20	11	1.06	52	.01	<3	1.89	.05	.25	2	7.9
RE 4706	6	40	106	563	3.7	5	9	1671	3.07	5	<8	<2	14	64	5.4	<3	9	50	1.85	.052	20	11	1.09	54	.01	3	1.95	.06	.26	<2	3.6
RRE 4706	7	38	118	558	3.8	5	9	1662	3.02	3	<8	<2	13	61	5.2	<3	9	49	1.82	.051	19	15	1.09	47	.01	<3	1.88	.05	.23	3	3.5
4707	2	66	146	945	2.9	14	13	1690	3.40	10	8	<2	11	63	9.5	<3	5	58	1.83	.061	17	27	1.40	66	.02	<3	2.18	.06	.24	3	4.8
4708	2	28	45	400	.4	6	12	1313	2.62	9	10	<2	14	78	3.4	<3	<3	48	2.09	.052	16	19	1.11	68	.04	<3	1.83	.05	.20	2	10.8
4709	2	883	65	1147	13.7	6	12	1577	3.06	4	13	<2	14	65	10.6	4	28	56	1.83	.051	15	13	1.26	98	.05	4	1.99	.07	.21	<2	47.2
4710	11	194	52	1302	2.7	5	8	1637	2.87	5	<8	<2	13	64	13.4	<3	<3	43	2.48	.047	17	12	.92	89	.01	<3	1.81	.05	.28	2	6.6
4711	12	5556	1563	1530	196.2	5	22	1567	3.80	8	<8	<2	12	60	17.7	10	154	47	2.13	.045	11	11	1.00	53	<.01	<3	1.81	.05	.27	<2	270.7
4712	2	87	14	451	1.3	6	9	1358	2.66	2	<8	<2	14	61	4.3	<3	3	54	1.96	.048	18	16	1.04	67	.01	<3	1.58	.05	.18	2	7.5
4713	14	80	156	373	1.7	6	10	1130	2.23	4	8	<2	14	73	4.5	<3	<3	41	2.04	.048	19	14	.89	65	.02	3	1.51	.05	.25	2	31.1
4714	3	348	73	439	8.4	6	10	1294	2.66	3	<8	<2	13	63	4.6	<3	4	39	1.91	.051	19	15	.93	52	<.01	<3	1.62	.04	.25	2	8.6
4715	3	3361	713	1070	83.3	5	16	1511	3.29	8	8	<2	11	57	13.1	4	47	34	2.64	.043	11	12	.89	38	<.01	<3	1.65	.04	.27	<2	40.2
4716	2	404	46	485	6.1	5	11	1129	2.60	2	<8	<2	14	70	4.9	<3	3	56	1.96	.049	14	14	1.01	59	.06	<3	1.54	.05	.17	<2	7.3
4717	1	109	25	280	1.1	6	10	1079	2.44	2	<8	<2	14	70	2.6	<3	<3	56	1.99	.048	17	15	1.10	74	.04	<3	1.50	.06	.17	<2	3.1
4718	2	62	211	289	.6	13	11	997	2.45	<2	<8	<2	10	100	3.8	<3	<3	58	1.91	.074	12	24	1.24	115	.11	<3	1.70	.09	.15	<2	2.7
4719	2	52	27	188	<.3	6	11	982	2.29	2	<8	<2	12	92	1.5	<3	<3	40	2.00	.053	15	16	1.19	124	.04	<3	1.64	.05	.22	5	1.0
4720	4	33	53	195	.5	5	11	1072	2.14	3	<8	<2	14	87	2.0	<3	<3	38	2.12	.052	15	15	1.08	77	.03	<3	1.52	.04	.23	4	1.4
STANDARD DS3	10	131	32	168	<.3	39	13	863	3.37	34	10	<2	5	30	5.7	5	5	83	.58	.099	20	187	.64	147	.09	4	1.90	.04	.18	7	21.0

Sample type: CORE R150 60C. 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

[redacted]LYT[redacted] LA[redacted]TOR[redacted] LTD[redacted] [redacted]E. [redacted]ING[redacted]T. V[redacted]OUV[redacted]C [redacted]1R6[redacted] PH[redacted](60[redacted]3-3[redacted] FAX[redacted])25[redacted]716[redacted]
(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103498R

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Ag** gm/mt	Au** gm/mt
4699	1506.6	9.75
4711	201.0	.26
RE 4711	201.9	.27

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: CORE PULP
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 16 2001 **DATE REPORT MAILED:** Oct 17/01 **SIGNED BY.....** D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data V FA

[redacted]ME [redacted]YT[redacted] LA[redacted]TOR[redacted]LTD[redacted] 8[redacted]E. [redacted]ING[redacted]. V[redacted]OUVE[redacted]C [redacted]1R6[redacted] PH[redacted](604[redacted]3-3[redacted]FAX[redacted])25[redacted]16[redacted]
(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103498R2

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Ag** gm/mt	Au** gm/mt
4646	40.3	1.03

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: CORE PULP

DATE RECEIVED: NOV 9 2001 **DATE REPORT MAILED:** Nov 16/01 **SIGNED BY.** C. Leong **.D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS**

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

Data ✓ FA

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

GEOCHEMICAL ANALYSIS CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103533 Page 1

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
SI	1	1	6	4	<.3	2	<1	7	.04	<2	<8	<2	<2	3	<.2	<3	<3	1	.16	<.001	<1	6	.01	4	<.01	<3	.02	.68	.01	<2	<.2
4721	79	425	329	510	9.7	10	10	2015	2.19	12	<8	<2	8	165	7.7	<3	13	43	5.30	.044	9	21	.73	19	<.01	<3	1.17	.03	.20	<2	10.0
4722	3	335	271	1069	8.2	5	9	1639	2.85	<2	<8	<2	13	57	14.9	<3	6	41	1.47	.045	14	28	.92	78	.01	<3	1.75	.05	.33	<2	15.7
4723	3	301	159	1057	11.5	6	16	1442	2.95	6	<8	<2	18	61	13.5	<3	12	54	1.69	.047	15	26	1.02	69	.03	<3	1.66	.05	.17	<2	17.0
4724	5	230	34	371	4.1	5	10	1632	3.16	2	<8	<2	10	84	4.0	<3	3	51	1.83	.046	14	20	1.01	80	.01	<3	1.75	.04	.23	<2	5.5
4725	4	313	98	516	6.8	6	12	1602	3.55	<2	<8	<2	11	88	5.8	<3	7	52	1.65	.052	16	22	1.07	93	.01	3	1.88	.04	.29	2	3.6
4726	6	347	60	1221	5.0	5	10	1651	2.78	2	<8	<2	10	115	14.2	<3	3	41	2.80	.045	15	20	.89	85	<.01	<3	1.50	.05	.26	<2	3.6
4727	4	55	87	945	2.3	4	9	1659	3.08	2	8	<2	12	114	12.8	<3	6	39	2.26	.046	17	21	.94	64	<.01	<3	1.71	.04	.30	<2	2.4
4728	3	19	17	471	.6	5	10	1446	2.76	<2	8	<2	12	92	4.7	<3	6	44	2.05	.047	17	26	1.01	83	.01	<3	1.67	.05	.26	<2	2.9
4729	2	25	29	371	.6	5	10	1526	2.67	2	<8	<2	11	120	3.6	<3	<3	45	2.58	.047	16	27	.98	70	.01	<3	1.61	.04	.27	<2	.9
4730	2	56	257	1437	2.6	7	10	1730	3.20	<2	<8	<2	13	107	19.2	<3	8	46	2.30	.052	18	27	1.10	90	<.01	<3	1.83	.04	.28	<2	7.0
RE 4730	1	56	250	1422	1.9	7	10	1705	3.15	<2	<8	<2	12	105	19.1	<3	5	45	2.26	.051	17	28	1.08	89	<.01	<3	1.80	.04	.28	<2	9.0
RRE 4730	3	55	252	1346	2.0	6	10	1677	3.11	<2	11	<2	13	102	18.1	<3	4	43	2.22	.051	17	13	1.08	83	<.01	<3	1.75	.03	.26	<2	3.5
4731	3	58	50	961	1.5	8	11	1641	2.89	6	10	<2	12	130	10.1	<3	<3	43	2.89	.054	14	24	1.10	103	.01	<3	1.73	.04	.24	<2	3.1
4732	4	24	15	556	.6	5	9	1092	2.19	4	9	<2	12	112	4.8	<3	5	40	1.87	.045	13	20	.95	96	.06	<3	1.53	.05	.20	<2	1.0
4733	3	37	63	418	1.2	4	6	1125	2.24	6	<8	<2	15	79	4.2	<3	3	33	2.01	.035	17	9	.69	63	<.01	<3	1.27	.04	.22	<2	5.7
4734	2	8	18	401	.6	5	9	1207	2.61	2	<8	<2	11	85	3.5	<3	7	47	1.92	.048	16	12	1.02	78	.02	<3	1.57	.04	.19	<2	.8
4735	2	105	30	450	2.0	5	10	1298	2.79	2	<8	<2	10	79	4.2	<3	4	48	1.94	.050	15	12	1.08	62	.02	<3	1.66	.05	.21	3	1.3
4736	5	487	47	537	7.6	37	20	2135	5.15	3	11	<2	7	108	4.8	<3	5	106	2.29	.118	12	82	2.17	176	.13	<3	2.81	.05	.38	8	2.4
4737	2	81	19	246	1.1	67	21	2441	5.94	<2	<8	<2	2	136	1.5	<3	3	144	3.19	.158	9	125	3.06	231	.19	<3	3.80	.15	.76	35	1.2
4738	2	80	87	1273	3.3	8	10	1722	3.12	<2	8	<2	14	110	14.5	<3	5	42	2.06	.049	19	16	1.04	90	.01	<3	1.81	.04	.32	<2	5.6
4739	4	264	145	435	6.3	5	11	1637	3.26	<2	<8	<2	16	97	5.9	<3	7	35	1.57	.049	20	9	1.00	79	<.01	<3	1.80	.03	.33	<2	7.4
4740	3	363	1029	1529	14.0	4	14	1833	3.49	<2	<8	3	11	104	24.6	<3	6	35	1.88	.045	13	17	.83	89	.01	<3	1.78	.04	.37	8	4571.9
4741	2	72	65	406	1.7	5	9	1736	2.95	<2	<8	<2	14	135	5.5	<3	<3	37	2.28	.045	20	10	.93	61	<.01	<3	1.70	.03	.29	<2	9.4
4742	6	135	173	557	3.9	4	10	1470	2.74	<2	9	<2	13	106	8.1	<3	<3	32	1.85	.041	19	11	.86	62	<.01	<3	1.55	.04	.29	<2	13.3
RE 4742	6	135	176	551	4.0	4	10	1455	2.72	<2	8	<2	15	105	8.0	<3	6	31	1.84	.041	19	7	.86	62	<.01	<3	1.54	.04	.29	<2	9.8
RRE 4742	6	137	166	579	3.7	5	10	1494	2.78	2	<8	<2	16	111	8.5	<3	6	34	1.92	.041	21	30	.87	67	<.01	<3	1.60	.04	.31	<2	10.7
4743	3	4803	1024	503	149.1	5	21	1406	3.31	3	10	<2	9	105	8.3	3	117	38	1.85	.040	13	26	.95	60	<.01	<3	1.60	.04	.24	<2	49.7
4744	7	82	45	223	2.8	11	12	1282	2.47	<2	<8	<2	11	169	1.6	<3	4	29	2.71	.068	20	16	1.15	91	.01	<3	1.70	.03	.32	<2	3.6
4745	3	24	24	308	<.3	4	9	1300	2.49	<2	10	<2	13	115	2.8	<3	<3	45	2.26	.047	19	9	.98	63	.01	<3	1.52	.04	.25	<2	4.3
4746	2	27	100	648	1.6	6	10	1449	2.81	<2	<8	<2	12	90	7.6	<3	<3	55	2.07	.049	18	31	1.02	90	.01	<3	1.66	.05	.30	<2	19.1
4747	<1	41	141	464	2.1	5	10	1626	3.03	4	9	<2	12	81	5.7	3	5	63	2.10	.050	13	24	1.08	102	.06	<3	1.74	.05	.26	6	94.4
4748	1	11	16	201	.3	6	11	1238	2.62	3	<8	<2	12	78	1.5	<3	7	65	1.56	.051	9	28	1.14	148	.14	<3	1.86	.12	.38	<2	2.8
4749	54	2054	21520	21498	203.4	1951	42	1059	7.11	35370	15	4	<2	22	524.5	908	49	32	.46	.008	4	2090	.16	41	<.01	6	.61	<.01	.19	<2	9131.6
4750	1	20	7	44	<.3	26	7	360	1.85	6	10	<2	<2	42	<.2	3	<3	51	.80	.047	5	58	.72	84	.12	3	1.29	.13	.15	2	<.2
STANDARD DS3	10	124	37	156	<.3	35	12	823	3.22	31	<8	<2	3	29	5.7	5	7	80	.55	.096	18	187	.60	150	.09	<3	1.76	.04	.17	6	20.5

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE R150 60C AU* IGNITION BY ACID LEACHED, ANALYZE BY ICP-MS. (10 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 5 2001 DATE REPORT MAILED: Oct 16/01 SIGNED BY ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data ___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
4751	2	19	88	153	1.8	5	10	1649	3.33	3	<8	<2	8	96	1.1	<3	4	55	2.43	.047	11	31	1.00	93	.04	<3	1.86	.06	.23	60	15.8
4752	4	28	36	376	1.1	4	12	1378	3.07	3	<8	<2	6	73	3.5	<3	3	65	1.93	.052	9	27	1.13	101	.08	<3	1.76	.06	.23	10	64.5
4753	1	14	11	162	<.3	6	10	1004	2.30	<2	<8	<2	12	74	.9	<3	<3	54	1.55	.051	9	36	1.11	116	.11	<3	1.61	.08	.28	3	1.2
4754	3	15	11	131	<.3	4	9	894	2.26	2	<8	<2	11	103	.8	<3	6	52	1.56	.046	9	32	1.00	142	.12	<3	1.75	.10	.38	4	<.2
4755	2	15	46	270	1.9	5	11	1379	2.87	<2	8	<2	13	83	2.2	<3	6	61	1.96	.056	14	27	1.28	100	.06	<3	1.84	.06	.27	<2	25.2
4756	3	38	70	579	1.4	5	12	1115	2.34	3	<8	<2	11	80	5.4	3	4	53	1.52	.059	9	30	1.30	150	.11	<3	1.63	.05	.12	<2	2.5
4757	1	3	49	132	<.3	5	12	964	2.26	<2	<8	<2	12	97	1.2	<3	6	50	1.40	.060	11	21	1.35	130	.08	<3	1.72	.06	.34	3	1.2
4758	3	441	1504	2808	12.2	5	13	1605	3.40	<2	<8	<2	13	182	54.0	<3	18	39	2.76	.061	15	12	1.15	133	.01	<3	1.81	.04	.35	<2	33.3
4759	2	50	78	487	.7	5	12	1254	2.63	3	<8	<2	12	96	5.5	<3	3	56	1.58	.058	13	27	1.25	132	.11	<3	1.77	.07	.26	<2	2.2
4760	3	56	49	491	.7	4	11	1251	2.47	<2	<8	<2	13	76	5.2	3	5	54	1.63	.057	12	14	1.18	65	.07	<3	1.52	.05	.16	<2	3.5
4761	2	23	50	447	.5	5	10	1289	2.42	2	<8	<2	11	85	5.1	3	3	57	1.76	.058	10	15	1.20	66	.10	<3	1.63	.05	.16	<2	28.2
4762	1	30	122	479	1.5	5	11	1227	2.46	3	<8	<2	10	86	5.3	<3	9	61	1.67	.058	11	29	1.26	101	.11	<3	1.69	.05	.22	<2	3.7
RE 4762	2	31	122	482	1.5	5	12	1250	2.50	<2	<8	<2	11	87	5.4	3	6	63	1.70	.058	10	29	1.28	103	.11	<3	1.71	.06	.22	<2	2.5
RRE 4762	2	28	110	492	1.2	5	11	1231	2.47	2	<8	<2	10	83	5.5	<3	4	59	1.64	.059	10	14	1.26	99	.11	3	1.67	.05	.21	<2	2.6
4763	5	97	43	828	1.7	5	12	1429	3.13	4	<8	<2	12	90	10.1	<3	<3	68	1.60	.064	12	14	1.45	132	.12	<3	1.98	.06	.24	<2	7.4
4764	1	85	166	646	1.3	6	12	1296	2.99	3	<8	<2	11	83	10.3	<3	3	66	1.51	.059	12	23	1.26	173	.11	<3	1.81	.07	.32	<2	1.6
4765	69	272	917	713	4.7	4	8	2098	2.57	3	<8	<2	12	291	14.0	3	6	35	5.91	.054	15	21	.88	55	<.01	<3	1.50	.04	.30	<2	11.1
4766	14	270	1318	1572	38.6	5	12	1816	3.64	2	<8	<2	12	112	31.2	3	65	57	2.05	.059	20	13	1.35	65	.01	<3	2.00	.04	.26	<2	70.6
4767	4	51	175	440	1.2	5	10	1566	3.09	4	<8	<2	12	86	7.9	<3	3	55	1.70	.058	14	13	1.26	84	.05	<3	1.85	.05	.23	2	7.0
4768	6	388	1245	1547	15.2	5	17	1795	3.85	2	<8	<2	11	74	33.4	4	27	73	1.71	.058	10	23	1.27	163	.09	3	2.10	.07	.20	22	122.5
4769	3	48	25	215	.5	4	9	1176	2.44	<2	<8	<2	13	65	2.6	<3	4	51	1.45	.052	11	26	1.14	65	.09	<3	1.58	.06	.14	<2	3.4
4770	2	56	40	362	.6	5	9	1067	2.40	<2	<8	<2	15	66	3.9	<3	3	55	1.52	.052	12	32	1.07	70	.09	<3	1.45	.07	.16	<2	3.3
4771	2	45	42	321	.4	4	9	1191	2.03	5	<8	<2	15	114	3.6	3	<3	31	2.83	.048	19	32	.88	56	.01	<3	1.36	.05	.23	<2	5.7
4772	6	49	55	671	1.0	6	12	1367	2.90	3	<8	<2	12	75	8.6	3	6	55	1.61	.060	13	12	1.31	80	.09	<3	1.81	.05	.21	<2	2.4
4773	18	110	33	509	2.1	5	13	1465	3.01	5	<8	<2	12	119	6.5	3	8	41	2.66	.060	19	17	1.17	69	.01	<3	1.77	.04	.34	<2	4.4
4774	3	405	168	619	8.1	6	12	1629	3.13	2	<8	<2	14	96	9.4	4	14	42	2.32	.064	26	31	1.29	49	<.01	<3	1.91	.05	.35	<2	2.3
RE 4774	2	387	162	599	7.9	6	12	1577	3.03	3	<8	<2	12	92	9.0	3	10	41	2.24	.063	24	23	1.25	47	<.01	<3	1.85	.04	.34	<2	2.5
RRE 4774	2	390	163	601	7.7	5	12	1542	2.95	3	<8	<2	13	91	9.1	3	13	39	2.21	.061	23	22	1.22	44	<.01	<3	1.79	.04	.31	<2	3.9
4775	18	213	130	556	2.3	10	10	1493	2.61	3	<8	<2	14	99	7.3	3	5	35	2.96	.058	20	13	1.12	35	<.01	<3	1.59	.04	.30	<2	3.7
4776	6	204	323	1088	2.4	5	11	1399	2.71	11	<8	<2	10	105	16.7	3	8	33	2.58	.055	16	13	1.12	50	<.01	<3	1.75	.03	.37	<2	5.2
4777	5	94	293	1801	3.1	5	11	1664	2.82	4	<8	<2	12	153	29.0	<3	<3	39	3.94	.053	24	19	1.04	50	<.01	<3	1.74	.04	.38	<2	1.4
4778	2	71	47	764	1.3	6	11	1334	2.71	3	<8	<2	12	88	9.7	4	6	51	1.95	.059	16	27	1.26	65	.05	<3	1.71	.05	.21	<2	.4
4779	2	57	49	235	.4	5	11	1155	2.56	4	<8	<2	12	81	2.3	4	4	51	1.87	.058	15	22	1.27	83	.04	<3	1.67	.06	.27	<2	1.1
4780	2	25	95	262	1.4	4	10	1328	2.20	10	<8	<2	12	124	3.5	3	4	44	2.94	.054	14	25	1.02	52	.05	<3	1.56	.04	.21	<2	1.7
STANDARD DS3	9	127	35	158	<.3	35	12	840	3.25	32	<8	<2	4	29	5.8	5	6	81	.56	.099	19	189	.62	152	.09	<3	1.83	.04	.17	6	19.0

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

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

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
4781	21	111	44	130	.9	9	13	1138	2.45	4	<8	<2	10	86	1.0	<3	<3	53	1.38	.059	9	34	1.34	109	.11	<3	1.69	.07	.25	4	2.2
4782	1	2	23	145	<.3	34	18	1581	3.39	5	<8	<2	<2	117	.7	<3	<3	79	1.97	.103	6	67	2.11	230	.13	<3	2.28	.09	.41	4	6.5
4783	16	39	148	427	7.9	8	13	1298	2.92	6	<8	<2	11	100	5.8	<3	17	43	2.20	.058	15	30	1.19	91	.02	<3	1.80	.05	.40	<2	6.4
4784	14	31	302	295	10.8	11	14	1224	2.82	4	<8	<2	9	105	5.2	3	16	50	2.34	.073	13	26	1.26	85	.07	<3	1.78	.05	.36	<2	10.0
4785	5	6	26	232	1.0	19	15	1231	3.16	6	9	<2	8	116	2.0	3	4	70	1.79	.073	10	48	1.71	183	.14	<3	2.33	.12	.54	2	2.8
4786	163	1001	172	1199	21.0	47	26	1673	4.23	9	<8	<2	3	105	14.8	5	12	86	1.68	.095	5	103	2.27	201	.18	<3	2.59	.12	.33	4	9.8
4787	3	6	12	186	<.3	48	24	1530	4.42	9	<8	<2	4	126	1.1	5	<3	113	1.93	.138	7	73	2.49	266	.22	<3	2.91	.18	.54	<2	.8
4788	3	3	20	156	<.3	103	28	1767	4.08	11	<8	<2	3	185	.6	3	<3	109	3.97	.101	6	205	3.04	48	.19	<3	2.46	.06	.08	12	1.7
4789	5	78	956	3009	3.3	59	25	1937	5.35	16	<8	<2	3	105	54.6	<3	6	115	2.03	.123	6	100	2.52	155	.19	<3	2.89	.12	.39	7	18.0
4790	5	22	21	307	<.3	71	22	1573	4.13	8	<8	<2	4	84	3.0	<3	4	93	1.64	.099	5	159	2.57	162	.19	<3	2.68	.11	.48	3	3.1
RE 4790	4	21	11	296	.3	71	22	1567	4.12	8	<8	<2	4	84	2.8	<3	<3	90	1.63	.099	6	157	2.56	162	.19	<3	2.67	.11	.49	2	2.1
RRE 4790	4	21	14	295	<.3	71	23	1572	4.14	8	<8	<2	4	89	2.7	<3	<3	93	1.69	.101	5	153	2.57	165	.19	3	2.71	.11	.48	3	1.8
4791	2	80	731	1423	4.0	119	26	2122	4.45	21	<8	<2	2	101	22.7	3	<3	111	2.64	.104	5	272	2.97	110	.18	<3	2.66	.07	.27	<2	90.3
4792	1	3	54	156	.4	94	22	1504	3.03	10	<8	<2	3	84	1.1	3	4	88	1.85	.104	5	230	2.39	84	.18	4	2.05	.09	.13	4	1.2
4793	3	673	3237	6492	20.4	127	26	4575	7.19	30	<8	<2	<2	55	105.9	6	7	151	2.22	.097	5	281	3.82	44	.10	<3	4.02	.02	.13	<2	70.7
4794	3	8	102	256	.9	84	24	1871	4.37	14	<8	<2	6	120	2.7	5	<3	118	2.41	.104	8	194	2.84	218	.21	<3	3.18	.16	.74	9	3.5
4795	5	55	30	148	1.5	7	10	841	2.16	5	<8	<2	16	66	1.4	<3	<3	51	1.08	.046	11	32	1.23	88	.13	<3	1.50	.08	.18	5	1.9
4796	58	2173	21950	22505	200.5	2071	42	1096	7.41	38290	27	<2	<2	23	549.7	952	47	32	.48	.009	5	1980	.17	44	<.01	4	.52	<.01	.21	<2	8851.7
4797	2	20	6	40	<.3	27	7	364	1.90	6	<8	<2	2	42	.2	<3	<3	52	.81	.047	4	59	.74	86	.12	7	1.29	.12	.15	2	<.2
4798	4	43	29	457	1.2	29	12	1041	2.34	5	<8	<2	12	84	5.7	3	<3	61	1.73	.049	8	92	1.53	73	.13	<3	1.71	.08	.11	<2	11.3
4799	3	18	32	479	.3	87	22	2022	4.83	9	<8	<2	7	124	5.0	<3	<3	119	2.76	.079	9	211	3.12	104	.14	<3	3.25	.09	.28	<2	6.2
4800	11	263	81	306	7.5	10	9	790	1.66	3	<8	<2	17	89	4.3	3	5	27	2.26	.031	17	44	.74	40	.01	<3	1.12	.04	.24	<2	11.8
4801	6	1331	2031	579	154.4	112	28	2066	5.84	11	<8	<2	3	115	8.5	5	311	123	2.48	.104	8	230	3.27	132	.15	3	3.35	.06	.41	<2	17.6
4802	3	5	10	104	<.3	95	22	1413	3.42	7	<8	<2	2	95	.2	3	3	93	2.04	.119	5	197	2.80	127	.17	<3	2.49	.12	.25	4	3.5
RE 4802	2	6	9	104	<.3	96	21	1423	3.44	7	<8	<2	3	95	.3	<3	<3	93	2.06	.120	6	192	2.82	127	.17	<3	2.51	.12	.25	3	2.4
RRE 4802	2	12	18	112	1.1	98	22	1460	3.55	8	<8	<2	3	99	.2	4	<3	96	2.12	.123	7	202	2.90	134	.18	3	2.59	.12	.27	3	2.9
4803	4	223	3800	5243	13.1	116	30	3306	6.79	26	<8	5	2	151	99.2	13	4	158	3.77	.111	10	228	3.92	109	.08	<3	4.02	.06	.30	<2	3174.1
4804	2	25	195	388	1.4	103	27	2585	4.89	30	<8	<2	3	215	5.7	3	<3	142	5.23	.112	8	213	2.99	131	.11	<3	2.99	.09	.26	<2	13.4
4805	4	117	36	262	1.7	71	33	2165	5.61	23	<8	<2	2	139	2.0	<3	<3	134	2.22	.143	8	114	3.24	136	.16	<3	3.47	.09	.21	2	21.3
4806	6	148	1230	3145	4.0	122	31	2608	4.60	31	<8	<2	<2	225	49.7	4	<3	90	6.42	.090	5	205	2.58	21	.19	3	2.61	.03	.04	8	9.0
4807	3	1	10	109	<.3	108	22	1314	3.15	15	<8	<2	3	92	.2	4	<3	77	1.88	.101	6	228	2.49	97	.20	3	2.27	.16	.15	3	6.0
4808	9	<1	13	193	<.3	122	32	2142	5.85	17	8	<2	3	120	.8	4	<3	141	3.01	.114	7	251	3.83	57	.22	6	3.42	.11	.09	<2	3.4
4809	2	23	6	113	.3	89	23	1266	3.21	13	<8	<2	4	88	.3	<3	<3	89	1.53	.111	6	188	2.54	64	.20	3	2.33	.15	.11	5	1.8
4810	3	11	12	120	<.3	60	18	1168	2.93	11	<8	<2	3	91	.6	3	<3	82	1.75	.132	7	110	2.07	60	.19	<3	1.92	.09	.10	2	2.5
STANDARD DS3	10	132	35	161	<.3	37	13	864	3.37	31	<8	<2	4	30	5.8	6	5	83	.58	.098	17	186	.64	159	.09	6	1.88	.04	.18	6	19.0

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

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

Data FA

ACME ANALYTICAL LABORATORIES LTD. [redacted] E. [redacted]ING [redacted]. V[redacted]UVE[redacted]C V[redacted]1R6 [redacted] PH[redacted]604[redacted]3-31[redacted]FAX[redacted])25[redacted]16 [redacted]
(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103533R

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Ag** gm/mt	Au** gm/mt
4740	15.0	5.48
4743	142.7	.05
4801	156.4	.03
4803	12.8	4.03
RE 4803	11.9	4.14
STANDARD R-1/AU-1	99.1	3.21

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: CORE PULP
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 17 2001 **DATE REPORT MAILED:** Oct 22/01 **SIGNED BY.....** D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data FA VINS

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

GEOCHEMICAL ANALYSIS CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103551 Page 1

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
SI	<1	<1	3	2	<.3	<1	<1	16	.04	<2	<8	<2	<2	2	<.2	<3	<3	<1	.07	<.001	1	2	<.01	2	.02	6	.01	.36	<.01	<2	.7
1728	11	13	154	189	.9	1	1	265	.36	12	<8	<2	9	23	3.7	<3	<3	2	.45	.003	14	27	.03	37	.01	5	.37	.01	.31	4	26.6
1729	12	16	239	391	.7	5	1	436	.51	15	<8	<2	10	29	7.6	<3	<3	4	.63	.004	15	36	.08	35	.01	5	.40	.01	.31	<2	39.2
1730	8	51	181	408	1.9	73	13	2024	2.51	24	<8	<2	5	120	6.1	<3	<3	28	2.68	.053	10	88	1.12	63	<.01	4	1.52	.01	.36	2	18.4
1731	5	95	1947	2330	9.5	122	21	2864	4.38	138	<8	<2	3	107	36.2	<3	<3	47	3.23	.097	8	125	1.96	60	<.01	<3	2.40	.01	.37	<2	238.6
1732	15	504	5384	12378	64.4	96	16	3129	6.18	6711	<8	6	<2	113	236.3	6	20	35	3.46	.063	4	99	.87	29	<.01	<3	1.59	.01	.24	<2	2483.6
1733	10	720	3277	10187	52.8	177	28	3472	7.43	590	<8	<2	<2	97	125.0	5	29	48	3.29	.106	5	121	1.06	36	<.01	<3	1.93	.01	.37	<2	584.4
1734	38	141	1191	5040	10.9	115	17	3955	5.94	112	<8	<2	2	161	68.4	<3	4	49	4.59	.088	7	123	1.69	42	<.01	<3	2.65	.01	.34	<2	521.2
1735	39	207	547	4007	6.8	88	14	2523	4.50	12	<8	<2	5	120	52.5	<3	4	41	2.35	.072	13	135	1.53	51	<.01	3	2.31	.01	.37	<2	23.7
1736	10	166	149	989	2.6	2	1	132	.39	10	<8	<2	10	19	14.5	<3	<3	3	.25	.003	15	40	.03	55	<.01	<3	.35	.01	.34	<2	34.2
RE 1736	10	166	150	980	2.4	2	1	125	.38	10	<8	<2	10	18	14.4	<3	<3	2	.25	.003	15	41	.03	55	<.01	<3	.35	.01	.34	<2	30.5
RRE 1736	10	164	150	976	3.3	5	1	128	.45	8	<8	<2	10	18	14.4	<3	<3	3	.24	.003	15	46	.03	59	<.01	3	.39	.01	.36	<2	33.1
1737	7	33	180	281	1.0	1	1	127	.43	5	11	<2	11	32	4.3	<3	<3	1	.34	.003	14	41	.02	47	<.01	4	.33	.02	.31	<2	25.4
1738	7	52	126	344	1.2	5	2	112	.47	4	<8	<2	10	22	5.2	<3	<3	2	.25	.003	14	49	.02	56	<.01	4	.35	.01	.34	2	11.0
1739	7	162	88	634	3.5	2	2	265	.30	3	<8	<2	10	67	9.1	<3	<3	2	.95	.004	15	37	.01	56	<.01	5	.32	.01	.33	<2	23.3
1740	7	231	305	1234	7.1	3	2	561	.37	3	<8	<2	9	119	17.2	<3	<3	2	2.10	.003	12	39	.02	53	<.01	<3	.35	.01	.33	<2	174.5
1741	10	70	449	964	2.6	5	7	1421	2.18	11	<8	<2	12	95	13.1	<3	<3	15	2.12	.042	18	40	.65	53	<.01	<3	1.32	.01	.39	<2	30.9
1742	19	54	136	261	1.5	5	2	382	.45	3	<8	<2	9	55	4.1	<3	<3	3	1.04	.003	11	55	.02	57	<.01	<3	.32	.01	.31	2	9.4
1743	5	52	545	378	1.0	1	1	358	.28	2	11	<2	10	54	6.5	<3	<3	1	1.08	.003	12	36	.01	49	<.01	<3	.31	.01	.30	2	10.7
1744	69	71	239	639	1.7	6	4	1201	1.53	4	<8	<2	12	62	9.5	<3	<3	7	1.57	.020	11	39	.30	83	<.01	<3	.78	.01	.35	2	49.7
1745	38	64	242	1051	1.7	4	7	1607	2.53	2	<8	<2	13	84	15.7	<3	3	19	1.89	.044	17	28	.77	46	<.01	<3	1.42	.02	.36	<2	28.4
1746	8	8	105	108	.3	4	1	343	.33	2	<8	<2	11	28	1.7	<3	3	3	.99	.005	14	50	.03	52	<.01	4	.37	.01	.33	3	6.7
1747	14	21	167	177	.8	1	1	210	.26	<2	<8	<2	10	38	3.0	<3	<3	2	.75	.003	12	42	.01	59	<.01	<3	.29	.01	.30	3	7.4
1748	17	13	242	194	1.0	5	1	100	.43	4	<8	<2	9	17	3.3	<3	<3	2	.18	.003	12	48	.02	65	<.01	<3	.31	.03	.29	6	20.2
RE 1748	18	13	246	200	.9	5	1	101	.43	4	<8	<2	9	17	3.1	<3	<3	2	.18	.003	13	50	.02	67	<.01	<3	.30	.03	.36	5	15.5
RRE 1748	18	13	241	201	1.3	2	1	94	.37	4	<8	<2	10	17	3.2	<3	<3	2	.18	.003	13	42	.02	64	<.01	4	.30	.03	.28	<2	26.6
1749	53	2108	25267	22111	199.6	1909	42	1126	7.38	34630	<8	5	<2	22	515.5	918	44	33	.47	.009	6	2053	.18	42	<.01	5	.65	<.01	.20	<2	9263.1
1750	3	18	4	41	<.3	29	7	361	1.89	3	<8	<2	<2	41	.2	<3	<3	53	.80	.048	5	70	.74	81	.12	5	1.29	.11	.15	2	<.2
1751	6	8	130	126	<.3	2	1	144	.24	4	<8	<2	10	27	2.0	<3	<3	1	.47	.003	13	38	.01	121	<.01	3	.36	.03	.32	3	18.9
1752	7	15	92	144	.4	4	1	210	.33	2	<8	<2	10	27	2.2	<3	<3	2	.57	.003	12	47	.02	67	<.01	<3	.33	.03	.33	4	10.4
1753	16	16	212	250	1.0	1	1	302	.29	4	<8	<2	10	37	4.3	<3	<3	3	.81	.004	13	39	.04	52	<.01	<3	.33	.01	.32	2	6.3
1754	9	14	57	83	1.8	2	2	4272	.49	6	<8	<2	4	468	1.5	<3	<3	3	14.80	.003	12	24	.02	33	<.01	<3	.27	.01	.20	3	13.0
1755	10	45	231	689	1.8	4	6	1639	2.49	5	<8	<2	10	105	9.5	<3	<3	26	2.77	.036	12	38	.73	33	<.01	<3	1.37	.01	.30	<2	55.3
1756	10	54	262	1267	4.9	7	8	1836	3.04	3	<8	<2	12	149	16.3	<3	8	26	3.17	.044	16	37	.87	53	<.01	<3	1.67	.02	.36	<2	8.0
STANDARD DS3	10	125	33	162	<.3	37	12	826	3.24	31	8	<2	4	28	5.7	4	6	83	.55	.096	18	185	.62	144	.09	3	1.80	.04	.17	6	18.4

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE R150 60C AU* IGNITION BY ACID LEACHED, ANALYZE BY ICP-MS. (10 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 9 2001 DATE REPORT MAILED: Oct 13/01 SIGNED BY: D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
1757	2	78	54	1699	2.7	5	10	1296	3.20	4	<8	<2	13	63	17.3	<3	<3	45	1.65	.042	16	34	.94	89	<.01	<3	1.88	.03	.26	<2	4.3
1758	2	36	41	711	1.7	6	9	1473	3.00	4	<8	<2	12	105	6.7	<3	3	40	2.45	.043	18	39	.90	68	<.01	<3	1.77	.03	.30	<2	4.9
1759	3	61	89	889	3.9	4	11	1469	3.24	<2	<8	<2	13	75	8.5	<3	4	41	1.79	.041	19	35	.99	101	<.01	<3	1.85	.03	.27	<2	320.1
1760	3	109	77	2192	2.8	6	10	1404	2.84	2	<8	<2	12	130	19.5	<3	3	39	2.20	.038	16	40	.86	116	<.01	<3	1.65	.04	.29	2	9.8
1761	2	81	236	1804	4.0	4	8	1375	2.86	<2	<8	<2	12	95	17.7	<3	3	41	1.71	.040	17	29	.87	118	<.01	<3	1.64	.04	.25	<2	3.9
1762	4	94	202	1957	3.7	5	12	1660	3.16	3	<8	<2	12	114	25.9	<3	4	39	2.38	.040	15	28	.90	105	<.01	<3	1.75	.04	.26	3	4.2
1763	3	143	587	1493	4.3	4	10	1729	3.16	2	<8	<2	16	124	22.6	<3	5	37	2.37	.042	17	29	.90	102	<.01	<3	1.80	.03	.31	<2	13.5
1764	2	97	334	2195	3.4	5	9	1626	2.83	2	<8	<2	13	74	25.9	<3	<3	40	1.59	.041	15	32	.93	137	.01	<3	1.73	.04	.25	<2	10.9
1765	8	62	100	624	2.8	4	8	1510	2.88	<2	<8	<2	13	72	7.2	<3	3	39	1.76	.045	18	28	1.01	109	.01	<3	1.81	.04	.24	2	4.8
1766	4	50	72	758	1.2	5	7	1514	2.69	2	<8	<2	12	123	9.0	<3	<3	23	2.31	.043	18	40	.84	81	<.01	<3	1.60	.03	.32	<2	8.2
RE 1766	3	51	71	775	1.5	5	7	1544	2.74	3	<8	<2	13	126	9.3	<3	3	24	2.36	.043	18	40	.85	83	<.01	<3	1.62	.03	.33	<2	5.0
RRE 1766	4	46	69	794	1.3	3	7	1529	2.70	2	<8	<2	14	119	9.5	<3	<3	23	2.25	.043	19	30	.86	77	<.01	<3	1.60	.03	.30	<2	9.1
1767	5	116	96	1177	2.9	6	9	1511	2.81	<2	<8	<2	14	94	14.5	<3	6	30	2.15	.040	19	49	.92	70	<.01	<3	1.69	.03	.31	<2	6.6
1768	6	22	113	434	2.6	3	7	1122	2.19	<2	<8	<2	11	94	6.1	<3	4	11	2.53	.040	16	36	.56	66	<.01	<3	1.25	.01	.36	<2	42.5
1769	25	46	575	777	2.6	5	5	1131	1.81	12	<8	<2	10	110	12.6	<3	3	12	3.05	.034	10	48	.39	60	<.01	<3	1.02	.01	.38	<2	39.2
1770	3	80	68	1602	2.5	4	10	1480	2.65	3	<8	<2	13	140	22.0	<3	4	28	2.73	.043	19	37	.92	57	<.01	<3	1.56	.03	.31	<2	3.9
1771	2	20	88	515	2.0	6	10	1292	2.80	<2	<8	<2	13	90	6.5	<3	<3	41	1.70	.046	22	42	1.07	112	.01	<3	1.74	.04	.27	<2	4.4
1772	1	69	48	1466	2.1	12	11	1483	3.21	<2	<8	<2	12	90	21.9	<3	3	66	1.93	.058	17	38	1.19	182	.06	3	2.18	.09	.44	2	6.2
1773	2	112	110	1086	4.8	10	11	1548	2.97	<2	<8	<2	12	96	16.3	<3	4	53	2.14	.052	16	44	1.07	159	.02	<3	1.89	.06	.27	<2	59.3
1774	1	46	43	311	1.0	17	11	1999	3.83	2	<8	<2	8	91	4.0	<3	<3	65	2.23	.069	14	48	1.37	146	.06	<3	2.42	.09	.27	<2	9.1
1775	2	292	48	540	6.6	11	13	1538	3.39	3	<8	<2	11	86	8.1	<3	<3	55	2.00	.057	18	38	1.13	124	.03	<3	2.02	.05	.34	<2	18.9
1776	7	184	342	1297	4.4	17	12	1741	3.42	4	<8	<2	7	121	20.6	<3	3	61	2.46	.072	15	45	1.32	109	.05	<3	2.14	.05	.34	2	7.9
1777	6	24	310	681	2.7	12	12	1763	3.79	4	<8	<2	10	79	10.4	<3	5	67	1.65	.063	15	42	1.35	123	.07	<3	2.37	.08	.29	9	3.5
STANDARD DS3	9	128	33	157	<.3	37	11	773	3.07	29	10	<2	5	27	5.5	4	6	80	.56	.089	19	187	.61	158	.09	3	1.83	.04	.16	5	19.0

Sample type: CORE R150 60C. 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

[redacted]CME [redacted]LYT[redacted] LA[redacted]ATOR[redacted] LT[redacted] [redacted]E. [redacted]TING[redacted]T. [redacted]OUV[redacted]C [redacted]1R[redacted] P[redacted](60[redacted]3-3[redacted] FA[redacted]4)2[redacted]716[redacted]
(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103551R
2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Ag** gm/mt	Au** gm/mt
1732	57.3	3.09

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: CORE PULP

DATE RECEIVED: OCT 17 2001 **DATE REPORT MAILED:** Oct 24/01 **SIGNED BY** C. T. D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data ✓ FA ___

[redacted]CME [redacted]LYT[redacted] LA[redacted]TOR[redacted] LT[redacted] [redacted]E. [redacted]ING[redacted]T. [redacted]OUV[redacted]C [redacted]1R[redacted] P[redacted](60[redacted]3-3[redacted] FA[redacted]4)2[redacted]716[redacted]

(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103551R2

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Ag** gm/mt	Au** gm/mt
1733	56.4	.75
1734	9.9	.66
RE 1734	10.1	.64

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: CORE PULP
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns

DATE RECEIVED: NOV 9 2001 **DATE REPORT MAILED:** Nov 16/01 **SIGNED BY:** D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data FA

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

GEOCHEMICAL ANALYSIS CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103552 Page 1

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
SI	<1	<1	<3	1	<.3	<1	<1	2	.02	<2	<8	<2	<2	2	<.2	<3	<3	<1	.08	<.001	<1	3	<.01	1	<.01	<3	<.01	.30	<.01	<2	<.2
4811	7	4	172	287	1.0	92	22	2045	4.52	10	<8	<2	3	97	3.2	<3	<3	111	2.48	.114	8	203	3.08	55	.22	4	2.92	.10	.10	8	1.2
4812	3	13	95	254	<.3	103	23	2088	4.96	14	<8	<2	3	127	2.5	<3	3	113	2.12	.119	7	219	3.07	93	.20	<3	3.34	.15	.14	3	.6
4813	4	21	527	634	.5	78	16	1564	3.27	11	<8	<2	3	170	9.7	<3	<3	93	2.21	.111	7	187	2.11	54	.19	4	2.46	.11	.10	7	.7
4814	6	10	245	499	.5	98	20	1870	5.25	13	<8	<2	3	136	8.1	<3	<3	121	2.08	.119	7	205	3.03	120	.23	4	3.75	.23	.37	6	<.2
4815	16	26	126	406	2.4	124	30	2358	6.64	16	<8	<2	3	148	5.2	<3	8	141	2.88	.119	8	223	3.38	127	.23	3	4.33	.20	.50	5	1.5
4816	10	44	102	897	2.1	54	23	1673	4.66	11	<8	<2	9	56	12.8	<3	4	72	.95	.081	14	130	1.88	35	.03	<3	2.53	.04	.17	11	4.9
4817	4	52	228	759	.7	7	10	1161	2.37	13	8	<2	11	64	11.8	3	<3	48	1.65	.055	14	37	.99	38	.06	<3	1.62	.05	.14	10	2.7
4818	7	196	1864	2788	6.1	5	6	1122	2.96	66	<8	<2	3	56	63.1	<3	<3	23	1.23	.020	5	53	.51	5	.01	<3	1.41	.01	.05	34	18.6
4819	5	188	807	3074	17.0	8	4	681	2.94	64	<8	<2	9	31	70.1	<3	<3	23	.62	.041	9	65	.31	19	.01	3	1.18	.01	.28	39	520.2
4820	6	246	805	1913	18.2	6	9	1239	3.80	46	<8	<2	10	49	42.3	<3	<3	35	1.08	.051	11	43	.71	20	.01	<3	1.70	.02	.24	23	521.0
RE 4820	6	246	786	1897	19.2	5	9	1238	3.79	49	<8	<2	10	49	42.3	<3	<3	34	1.08	.051	11	46	.71	20	.01	<3	1.70	.02	.24	23	546.5
RRE 4820	5	240	781	1912	22.5	7	9	1234	3.75	45	<8	<2	10	49	42.4	<3	<3	34	1.06	.051	12	54	.71	21	.01	<3	1.70	.02	.24	24	529.4
4821	6	73	540	1304	2.3	5	10	1282	2.48	19	<8	<2	8	84	28.1	<3	<3	33	1.64	.046	12	42	.77	16	.01	3	1.56	.02	.15	16	20.0
4822	4	44	36	384	<.3	7	12	1309	3.23	7	<8	<2	12	90	4.7	<3	<3	57	1.61	.059	15	40	1.21	47	.01	<3	1.94	.05	.19	6	10.9
4823	11	109	132	1239	2.4	6	13	1188	3.17	9	<8	<2	12	86	20.1	<3	<3	59	1.31	.060	13	36	1.35	43	.03	<3	1.94	.05	.18	16	5.9
4824	58	2232	19731	23303	168.3	2135	44	1142	7.75	38000	<8	12	<2	23	548.1	1041	49	36	.50	.009	6	2167	.18	47	<.01	5	.69	<.01	.21	<2	9042.3
4825	2	19	5	43	<.3	29	7	367	1.92	7	<8	<2	<2	46	.3	<3	<3	54	.84	.046	5	72	.73	93	.12	6	1.37	.13	.16	<2	<.2
4826	3	29	19	104	1.1	5	10	1269	2.17	22	<8	<2	9	195	.9	<3	3	40	5.05	.051	12	39	.97	22	.02	<3	1.49	.04	.12	2	8.0
4827	3	12	11	137	<.3	22	15	1174	3.36	7	<8	<2	9	125	.5	<3	4	70	1.53	.092	13	57	1.87	81	.15	<3	2.48	.11	.31	3	5.9
4828	3	57	11	306	.6	11	13	1376	3.46	13	<8	<2	12	59	2.8	<3	<3	71	1.04	.064	12	51	1.61	58	.14	3	2.05	.07	.16	5	3.8
4829	67	58	21	569	.9	16	16	1240	3.30	7	<8	<2	9	102	5.7	<3	<3	75	1.42	.083	11	47	1.64	70	.13	3	2.15	.09	.18	7	2.6
4830	4	36	5	204	.3	22	17	1424	3.69	6	<8	<2	7	87	1.2	<3	<3	74	1.54	.115	11	49	2.09	35	.17	3	2.34	.06	.08	3	1.5
4831	11	57	7	304	.7	9	13	1118	3.15	6	<8	<2	11	68	2.4	<3	<3	76	1.17	.065	12	38	1.55	74	.15	<3	1.93	.09	.14	4	2.6
4832	17	89	9	418	1.2	15	16	1279	3.30	8	<8	<2	9	75	3.2	<3	<3	82	1.82	.078	10	47	1.70	62	.14	3	2.15	.11	.11	9	2.7
RE 4832	17	89	9	421	1.0	15	16	1290	3.33	7	<8	<2	9	75	3.2	<3	<3	82	1.83	.077	10	49	1.71	62	.14	<3	2.17	.11	.11	8	2.2
RRE 4832	17	94	7	450	.9	16	16	1264	3.29	7	<8	<2	9	74	3.5	<3	<3	81	1.81	.078	10	50	1.67	61	.14	<3	2.13	.11	.11	9	2.1
4833	3	18	30	234	1.1	27	18	1705	4.07	4	<8	<2	6	72	1.9	<3	5	106	2.26	.119	9	57	2.18	108	.19	4	2.58	.11	.32	6	2.5
4834	3	132	548	1319	3.4	15	12	1349	3.32	11	<8	<2	10	54	22.5	<3	3	65	1.07	.081	11	49	1.63	37	.13	<3	2.07	.06	.09	24	53.0
4835	1	4	<3	157	<.3	50	19	1668	4.33	12	<8	<2	6	100	.6	<3	<3	95	3.06	.138	11	78	2.43	37	.16	<3	3.02	.15	.12	3	2.1
4836	4	46	52	201	4.8	18	12	975	3.51	29	<8	<2	7	153	1.3	<3	42	73	1.81	.080	10	68	1.26	37	.12	4	2.68	.18	.12	93	5.2
4837	3	7	28	290	.5	5	10	1279	2.85	3	<8	<2	13	65	2.4	<3	4	63	2.28	.057	15	34	1.30	28	.03	<3	1.72	.05	.13	4	3.2
4838	3	34	21	450	.5	8	10	1075	2.77	8	<8	<2	13	61	4.2	<3	<3	62	1.27	.055	15	43	1.18	46	.05	4	1.74	.07	.16	6	.9
4839	3	33	75	218	6.6	6	12	1108	2.61	13	<8	<2	12	53	1.7	4	19	57	1.33	.051	14	40	1.16	53	.08	<3	1.65	.06	.12	8	1.7
STANDARD DS3	10	123	33	168	<.3	38	12	830	3.25	31	10	<2	4	29	6.0	5	5	80	.57	.097	19	188	.63	158	.09	5	1.85	.04	.18	4	20.9

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE R150 60C AU* IGNITION BY ACID LEACHED, ANALYZE BY ICP-MS. (10 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 9 2001 DATE REPORT MAILED: Oct 13/01 SIGNED BY: D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
4840	3	32	124	298	.3	7	10	832	2.23	9	8	<2	11	84	4.2	<3	3	49	1.35	.050	12	41	1.16	35	.08	<3	1.65	.06	.10	<2	1.5
4841	3	26	16	155	<.3	22	12	1007	2.87	6	<8	<2	7	130	1.0	<3	<3	60	1.66	.093	12	55	1.48	23	.12	<3	2.14	.05	.09	3	1.2
4842	2	36	14	271	.5	11	11	1029	2.75	3	9	<2	12	73	2.1	<3	3	63	1.26	.060	11	39	1.42	48	.09	<3	1.86	.08	.10	<2	1.2
4843	1	10	5	265	<.3	46	22	1636	4.13	12	<8	<2	5	94	1.9	<3	<3	90	2.21	.156	11	73	2.33	44	.18	<3	2.79	.14	.10	<2	.8
RE 4843	3	11	8	264	<.3	46	22	1656	4.18	13	<8	<2	5	95	1.9	<3	<3	91	2.25	.158	11	74	2.36	45	.19	<3	2.84	.14	.10	<2	.4
STANDARD DS3	9	128	33	157	<.3	37	11	773	3.07	29	10	<2	5	27	5.5	4	6	80	.56	.089	19	187	.61	158	.09	3	1.83	.04	.16	5	19.0

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

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

Data FA

ACME ANALYTICAL LABORATORIES LTD. [redacted] VANCOUVER BC [redacted] PH (60[redacted]3-3[redacted] FAX (2[redacted]716[redacted]
(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103552R

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Ag** gm/mt	Au** gm/mt
4819	18.0	.71
4820	19.7	.71
RE 4820	20.8	.67

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: CORE PULP
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: NOV 9 2001 **DATE REPORT MAILED:** Nov 16/01 **SIGNED BY** C.T. D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data ! FA

[redacted]CME [redacted]LYT [redacted] LA [redacted]ATOR [redacted] LTD [redacted] [redacted]E. [redacted]TING [redacted]T. [redacted]OUVER [redacted]C [redacted]1R6 [redacted] PH [redacted](60[redacted]3-3[redacted] FAX [redacted]) 25[redacted]716 [redacted]

(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103588 Page 1

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
SI	<1	3	<3	1	<.3	1	<1	2	.03	<2	<8	<2	<2	2	<.2	<3	<3	<1	.09	<.001	<1	1	<.01	2	<.01	<3	<.01	.36	<.01	<2	1.2
1778	2	14	47	184	1.0	9	11	1947	3.83	4	<8	<2	11	80	1.8	<3	3	66	1.84	.064	16	31	1.33	116	.04	<3	2.31	.06	.39	13	5.7
1779	1	13	60	275	2.3	28	15	2236	3.80	6	<8	<2	3	238	3.3	<3	4	50	4.49	.113	19	61	1.51	79	.01	<3	2.40	.03	.48	2	2.6
1780	4	5	79	240	7.9	31	15	1594	3.50	5	<8	<2	2	143	2.1	<3	21	50	2.73	.122	17	60	1.69	97	.02	<3	2.28	.04	.41	2	16.7
1781	4	11	123	307	3.8	9	12	1953	3.02	3	<8	<2	10	136	3.8	<3	7	52	3.34	.059	17	38	1.17	89	.03	<3	1.90	.06	.32	2	6.5
1782	3	11	75	404	<.3	5	11	1713	2.93	3	<8	<2	12	136	5.9	<3	<3	60	2.83	.059	19	33	1.18	80	.02	<3	1.76	.05	.26	<2	9.2
1783	2	21	116	497	.5	8	10	1516	2.92	2	<8	<2	12	93	8.2	<3	<3	54	1.91	.057	17	52	1.17	79	.02	<3	1.84	.06	.31	<2	24.2
1784	4	14	63	719	<.3	5	8	1640	2.78	<2	<8	<2	13	158	12.5	<3	<3	46	2.89	.051	20	42	1.01	62	.01	<3	1.76	.05	.37	<2	18.0
1785	2	24	101	1448	1.4	7	11	1621	3.02	2	<8	<2	12	132	27.3	<3	4	53	2.33	.055	17	47	1.09	87	.01	<3	1.86	.07	.36	<2	51.4
1786	2	46	265	1100	3.6	5	12	1777	3.34	3	<8	<2	11	109	20.3	<3	9	66	2.42	.054	18	34	1.22	97	.01	<3	2.03	.06	.32	<2	109.2
1787	14	108	59	676	2.1	6	7	1024	1.76	<2	<8	<2	18	73	12.1	<3	3	21	1.57	.028	17	57	.56	65	<.01	<3	1.02	.05	.26	<2	8.2
1788	9	58	58	457	1.2	4	8	1581	2.47	3	8	<2	15	86	7.7	<3	<3	38	1.91	.044	19	34	.87	72	<.01	<3	1.51	.04	.26	<2	46.9
RE 1788	9	59	64	456	1.0	4	8	1584	2.47	2	<8	<2	15	86	7.7	<3	<3	37	1.91	.044	19	37	.87	72	<.01	<3	1.49	.04	.26	<2	45.4
RRE 1788	7	60	68	456	.9	6	7	1587	2.51	3	<8	<2	15	87	7.7	<3	<3	39	1.92	.044	19	44	.87	75	<.01	<3	1.52	.04	.27	<2	51.2
1789	11	115	255	735	5.7	5	12	1568	3.09	2	<8	<2	13	97	12.0	<3	11	51	1.70	.049	16	35	1.01	112	.01	<3	1.80	.05	.30	<2	155.0
1790	2	73	73	1173	1.7	6	10	1917	3.42	<2	<8	<2	14	130	20.7	<3	4	39	2.19	.054	16	31	1.11	110	.02	<3	1.96	.06	.29	<2	49.9
1791	21	115	808	3282	6.2	5	19	3019	5.34	9	<8	<2	12	222	63.7	<3	9	39	4.72	.060	14	15	1.34	80	.01	<3	2.56	.04	.44	<2	19.9
1792	2	24	78	1150	1.4	6	10	3164	4.26	9	<8	<2	11	305	20.8	<3	3	28	6.20	.060	15	16	1.16	55	<.01	<3	2.13	.05	.37	<2	35.0
1793	17	25	68	624	3.0	6	9	2521	4.65	3	<8	<2	11	211	9.1	<3	7	47	3.27	.068	17	15	1.47	100	.04	<3	2.45	.07	.29	4	12.7
1794	2	78	447	2493	4.4	6	16	2961	4.92	7	<8	<2	12	188	44.1	<3	8	35	4.17	.063	16	18	1.33	90	.01	<3	2.51	.06	.44	<2	19.9
1795	3	20	62	696	1.5	5	10	1957	3.39	3	<8	<2	13	166	11.2	<3	4	38	2.58	.058	18	22	1.30	123	.02	<3	2.06	.08	.28	<2	6.1
1796	2	47	144	927	1.9	8	10	1600	3.01	2	<8	<2	12	92	15.4	<3	6	49	1.97	.054	20	48	1.13	109	.01	<3	1.89	.07	.32	<2	4.5
1797	3	26	97	799	1.5	10	10	2074	3.33	<2	<8	<2	12	186	13.0	<3	4	45	3.17	.061	19	41	1.25	79	.01	<3	2.01	.05	.34	<2	36.6
1798	2	27	85	459	1.2	8	12	1878	3.46	5	<8	<2	13	123	6.9	<3	<3	52	1.96	.051	15	41	1.19	112	.01	<3	2.13	.06	.38	2	30.6
1799	55	1881	26771	20377	352.9	1951	45	1152	7.04	35146	<8	10	2	22	472.7	933	39	35	.48	.009	6	2283	.17	38	<.01	7	.62	<.01	.19	<2	9539.3
1800	2	21	7	45	<.3	25	7	359	1.81	4	<8	<2	<2	39	.2	<3	<3	50	.74	.048	5	68	.71	79	.11	4	1.22	.10	.14	<2	<.2
1801	4	21	137	319	1.1	7	11	1868	3.52	4	<8	<2	13	80	4.1	<3	3	60	1.55	.054	13	37	1.22	136	.03	<3	2.13	.08	.25	5	28.1
1802	76	28	181	573	14.3	6	10	1758	3.16	3	9	<2	14	106	8.5	<3	33	52	2.22	.052	15	33	1.08	101	.03	<3	1.92	.07	.25	7	37.6
RE 1802	77	27	186	576	14.3	6	10	1772	3.19	2	<8	<2	14	107	8.8	<3	33	53	2.23	.052	15	30	1.09	102	.03	<3	1.96	.07	.26	7	34.5
RRE 1802	89	25	207	542	15.5	7	10	1725	3.17	<2	<8	<2	13	101	8.1	<3	36	53	2.10	.051	14	39	1.08	105	.03	<3	1.95	.08	.27	8	82.2
1803	34	31	214	835	6.2	5	10	2004	3.09	3	<8	<2	11	86	13.4	<3	12	49	1.82	.056	13	29	1.15	131	.02	<3	1.97	.06	.28	<2	29.8
1804	2	139	45	1582	3.9	6	11	2016	3.26	11	<8	<2	12	106	26.3	3	<3	58	2.28	.053	15	35	1.06	153	.01	<3	2.16	.09	.34	3	29.5
1805	2	47	59	1586	2.1	6	11	2384	3.42	61	<8	<2	13	107	25.5	3	<3	51	2.14	.057	15	28	.97	185	.03	4	2.42	.11	.45	2	86.6
1806	4	1986	1226	2611	97.8	81	26	3444	6.15	15277	<8	3	6	81	57.3	160	30	25	2.28	.081	5	60	.64	55	.01	7	1.64	.01	.54	<2	2721.9
STANDARD DS3	9	126	37	156	<.3	37	12	814	3.19	33	<8	<2	4	28	5.8	6	5	78	.53	.096	19	186	.59	145	.09	4	1.73	.03	.17	7	22.0

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE R150 60C AU* IGNITION BY ACID LEACHED, ANALYZE BY ICP-MS. (10 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 10 2001 **DATE REPORT MAILED:** Oct 17/01 **SIGNED BY.....** D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data ___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
1807	3	44	165	1076	2.4	4	11	4452	2.21	101	9	<2	11	151	14.7	<3	<3	20	4.04	.048	15	1	.77	43	<.01	3	1.53	.02	.44	<2	20.7
1808	4	27	191	1157	.4	5	11	2339	3.04	28	<8	<2	11	86	16.1	<3	<3	38	2.24	.056	15	9	1.10	69	<.01	<3	1.79	.04	.28	<2	42.0
1809	5	123	135	920	2.6	5	12	1951	3.20	16	<8	<2	10	99	12.7	<3	3	50	2.05	.062	14	12	1.26	79	.02	<3	1.96	.06	.25	<2	12.2
1810	4	91	150	869	5.1	5	14	1665	3.77	7	<8	<2	10	80	11.9	<3	12	64	1.67	.059	11	12	1.36	107	.02	<3	2.20	.07	.27	<2	14.3
1811	5	28	32	287	<.3	25	15	1630	3.50	16	<8	<2	6	102	3.3	<3	<3	83	1.95	.090	7	46	1.72	122	.14	<3	2.40	.09	.33	<2	8.5
1812	5	146	201	1031	3.6	14	15	1300	3.10	11	<8	<2	9	73	18.5	<3	3	55	1.37	.072	8	23	1.50	124	.10	<3	2.03	.05	.39	<2	7.7
1813	5	18	8	153	<.3	46	21	1475	4.24	<2	<8	<2	4	113	.4	<3	<3	98	1.64	.104	6	89	2.54	239	.22	<3	3.18	.13	.90	<2	1.1
1814	8	279	556	448	31.1	61	25	2480	5.57	<2	<8	<2	3	86	5.3	<3	68	117	1.43	.143	6	124	3.37	171	.23	<3	3.64	.08	.54	<2	18.3
1815	7	58	158	802	3.0	78	27	2700	6.60	5	<8	<2	3	101	11.4	<3	12	142	2.00	.147	6	153	3.57	325	.26	<3	4.31	.16	1.16	4	19.7
1816	4	303	169	377	5.5	50	27	2167	5.09	15	<8	<2	3	96	4.8	<3	6	110	1.66	.118	7	100	2.61	200	.20	<3	3.17	.08	.61	<2	4.2
RE 1816	4	311	181	390	5.4	52	28	2218	5.23	17	<8	<2	2	96	4.8	<3	5	111	1.69	.121	7	105	2.67	204	.20	<3	3.23	.08	.62	<2	4.2
RRE 1816	3	394	225	485	7.1	49	25	2212	5.11	14	<8	<2	3	95	7.3	<3	8	109	1.68	.115	7	101	2.58	190	.19	<3	3.13	.07	.58	<2	6.0
1817	3	139	66	233	4.0	16	19	1086	2.74	6	<8	<2	8	104	2.2	<3	8	57	1.49	.076	9	32	1.43	86	.13	<3	1.84	.06	.24	<2	3.7
1818	3	141	271	792	4.5	6	11	1644	3.23	7	15	<2	10	59	12.3	<3	6	61	1.74	.062	10	17	1.35	65	.07	<3	1.84	.04	.19	<2	3.6
1819	4	117	39	230	1.2	7	12	1352	3.18	2	<8	<2	10	59	1.5	<3	<3	66	1.48	.067	9	16	1.43	59	.11	<3	1.87	.05	.15	<2	2.7
1820	5	146	38	867	1.9	59	25	2117	5.50	2	<8	<2	3	107	7.1	<3	<3	100	3.21	.174	12	91	3.12	40	.14	<3	3.27	.04	.15	<2	.4
1821	4	509	32	525	5.5	14	26	1456	3.92	14	<8	<2	9	100	5.0	<3	<3	57	1.91	.096	9	24	1.74	41	.14	<3	2.09	.04	.13	<2	9.1
1822	3	135	43	599	1.2	26	17	1701	4.03	6	<8	<2	6	89	5.6	<3	3	74	1.66	.123	10	41	2.11	44	.16	<3	2.42	.05	.12	5	.2
1823	3	59	32	817	1.6	59	25	2365	6.07	5	9	<2	2	93	8.6	<3	8	121	2.75	.185	10	89	2.98	34	.19	<3	3.35	.06	.14	<2	1.8
1824	5	161	10	518	1.1	12	13	1366	3.33	8	12	<2	9	72	4.4	<3	<3	68	1.46	.073	8	22	1.45	36	.14	<3	1.94	.07	.11	<2	1.6
1825	6	351	16	1378	5.4	25	18	1804	4.02	9	<8	<2	8	76	12.7	<3	<3	80	1.69	.114	7	45	1.90	27	.17	<3	2.32	.06	.10	5	1.6
1826	4	112	13	1038	1.1	11	12	1270	3.06	5	<8	<2	9	85	10.1	<3	<3	65	1.51	.071	8	20	1.36	39	.14	<3	1.85	.06	.11	<2	1.8
1827	9	97	298	2236	5.9	44	22	3204	6.28	25	<8	<2	3	100	32.4	<3	5	104	2.67	.172	10	70	2.58	24	.16	<3	3.34	.03	.17	<2	10.8
1828	4	94	257	1071	2.1	57	24	2947	6.53	11	<8	<2	2	98	15.8	<3	3	132	3.02	.189	10	87	2.99	33	.23	<3	3.67	.07	.14	5	33.4
RE 1828	4	92	238	1022	2.2	54	23	2853	6.29	10	<8	<2	2	94	15.2	<3	<3	128	2.91	.183	9	86	2.88	31	.23	<3	3.53	.06	.14	5	10.0
RRE 1828	4	99	232	988	2.2	56	25	2942	6.49	12	<8	<2	2	95	14.0	<3	<3	130	3.03	.189	10	86	3.00	29	.21	<3	3.63	.06	.12	<2	6.3
1829	3	211	236	1370	3.2	41	22	2389	5.55	16	<8	<2	3	90	15.0	<3	<3	121	3.05	.171	10	64	2.48	39	.23	<3	3.09	.07	.14	7	6.1
1830	5	173	226	1601	5.6	37	19	2133	4.81	9	9	<2	3	69	26.3	<3	9	102	2.16	.169	9	52	2.40	45	.22	<3	2.67	.06	.11	4	3.4
1831	4	216	56	780	2.0	42	23	2192	5.16	4	<8	<2	3	113	7.2	<3	<3	106	3.06	.174	10	72	2.62	38	.18	<3	2.92	.04	.11	<2	3.0
1832	5	102	16	266	.6	26	19	1465	3.61	5	9	<2	8	102	1.6	<3	<3	89	2.36	.126	11	46	2.01	48	.21	<3	2.19	.07	.11	<2	.5
1833	9	169	169	405	3.7	19	15	1534	3.35	5	<8	<2	9	84	4.5	<3	<3	70	1.97	.099	9	29	1.76	43	.13	<3	2.03	.05	.13	<2	3.3
1834	8	155	64	1586	1.6	5	9	1263	2.84	6	11	<2	11	61	14.3	<3	<3	55	1.35	.057	10	15	1.24	69	.08	3	1.65	.05	.18	<2	2.2
1835	3	72	85	546	1.8	5	9	1022	2.18	3	<8	<2	11	96	6.3	<3	<3	49	1.54	.058	9	12	1.21	39	.12	<3	1.50	.05	.10	<2	.7
1836	2	120	23	1225	1.1	14	16	1577	3.70	11	<8	<2	7	100	11.0	<3	3	87	2.19	.128	10	26	1.71	62	.21	<3	2.09	.08	.12	<2	2.0
STANDARD DS3	11	126	36	159	<.3	34	12	846	3.23	30	8	<2	4	29	5.7	5	7	79	.55	.095	18	193	.61	146	.09	<3	1.77	.04	.17	2	22.2

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

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

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
1837	5	206	74	1582	3.6	38	23	2108	5.18	10	<8	<2	2	90	15.0	<3	3	106	1.98	.226	9	50	2.36	82	.21	<3	2.81	.10	.10	2	3.7
1838	16	233	39	2558	3.9	41	24	1695	4.40	9	<8	<2	4	95	24.9	<3	<3	87	1.64	.164	8	56	2.17	89	.22	3	2.48	.12	.11	<2	9.5
1839	7	130	103	795	3.2	9	12	1050	2.43	5	<8	<2	10	84	8.3	<3	<3	49	1.24	.068	8	15	1.31	40	.09	<3	1.55	.04	.08	<2	2.0
1840	2	163	82	838	2.8	16	15	1460	3.57	5	<8	<2	7	114	6.7	4	<3	68	1.65	.123	10	21	1.79	53	.10	<3	2.12	.05	.08	<2	.5
RE 1840	3	168	83	850	2.5	17	16	1497	3.66	7	<8	<2	7	118	6.7	4	<3	69	1.70	.126	11	20	1.83	54	.11	<3	2.19	.06	.08	<2	1.3
1841	55	2050	25413	21585	198.3	2045	44	1109	7.33	35793	<8	<2	<2	23	523.3	954	43	34	.48	.011	6	2323	.18	45	<.01	5	.67	<.01	.20	7	8995.6
1842	2	18	10	47	.3	27	7	348	1.83	11	<8	<2	<2	37	.2	<3	<3	49	.73	.047	5	30	.71	76	.11	6	1.19	.09	.13	2	<.2
STANDARD DS3	10	123	35	154	<.3	37	12	819	3.15	27	<8	<2	4	28	5.7	4	6	77	.53	.093	17	186	.59	145	.09	<3	1.71	.04	.16	6	22.0

Sample type: CORE R150 60C. 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

[redacted]CME[redacted]LYT[redacted]; LA[redacted]ATO[redacted] LT[redacted] [redacted] E. [redacted]TIN[redacted]T. [redacted]OUV[redacted]BC [redacted] 1R[redacted] P[redacted](60[redacted]53-[redacted] FA[redacted]4)2[redacted]716[redacted]

(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103588R

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Ag** gm/mt	Au** gm/mt
1806	118.5	3.29

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: CORE PULP

DATE RECEIVED: OCT 19 2001 **DATE REPORT MAILED:** Oct 24/01 **SIGNED BY** C. Leong .D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data ✓ FA ___

[redacted]CME[redacted]ALYT[redacted]L L[redacted]ATO[redacted] LT[redacted] [redacted] E. [redacted]TIN[redacted]T. [redacted]OUV[redacted]BC [redacted] 1R[redacted] P[redacted](6[redacted]53-[redacted] FA[redacted]4) 2[redacted]716[redacted]

(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103625 Page 1

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
SI	1	1	<3	2	<.3	<1	<1	6	.04	<2	<8	<2	<2	3	<.2	<3	<3	1	.13	<.001	<1	4	.01	4	<.01	<3	.01	.61	.01	<2	<.2
5501	2	6	9	36	<.3	4	9	742	2.31	3	<8	<2	11	107	<.2	<3	<3	57	2.20	.058	14	8	.94	189	.02	<3	1.08	.05	.14	2	.8
5502	2	2	3	38	<.3	4	9	837	1.88	2	<8	<2	12	138	<.2	<3	<3	25	3.16	.055	13	6	.70	727	<.01	<3	1.14	.03	.33	<2	2.6
5503	2	6	24	48	12.9	4	10	1704	2.35	96	<8	<2	9	102	.4	<3	<3	21	3.03	.045	7	8	.77	107	.02	<3	1.10	.02	.28	2	431.2
5504	3	6	4	49	.7	5	10	705	2.00	4	<8	<2	16	84	<.2	<3	<3	41	2.09	.046	14	11	.77	223	.03	<3	1.08	.05	.28	2	5.6
5505	4	54	258	178	143.6	3	8	1394	1.28	29	<8	<2	16	118	2.3	3	<3	10	3.53	.045	11	6	.52	95	.02	<3	.86	.02	.39	<2	749.2
5506	2	3	7	42	<.3	4	8	585	2.09	<2	<8	<2	15	79	<.2	<3	<3	49	1.75	.045	12	11	.76	122	.04	<3	.97	.06	.19	<2	1.4
5507	2	3	12	36	1.2	3	6	836	1.43	53	<8	<2	18	101	.2	<3	<3	14	2.18	.034	11	8	.48	84	.03	<3	.82	.03	.28	2	64.8
5508	3	12	3	45	.7	3	7	698	1.77	4	<8	<2	14	96	<.2	<3	<3	24	1.87	.046	8	5	.69	105	.05	<3	1.13	.03	.31	2	4.2
5509	2	8	7	41	<.3	4	7	654	1.82	<2	<8	<2	17	93	<.2	<3	<3	31	2.38	.049	13	10	.69	173	.03	<3	1.02	.03	.31	2	2.3
5510	2	870	8	47	1.7	4	10	575	2.56	3	<8	<2	17	83	.2	<3	<3	37	2.05	.046	17	6	.75	110	.04	<3	1.19	.05	.29	2	1.8
RE 5510	2	843	9	44	1.9	4	10	547	2.45	<2	<8	<2	16	79	<.2	<3	<3	35	1.96	.043	16	9	.72	106	.04	<3	1.13	.04	.28	2	1.1
RRE 5510	2	835	6	45	1.7	5	10	554	2.46	<2	<8	<2	17	79	<.2	<3	<3	35	2.00	.045	20	11	.72	101	.04	<3	1.08	.04	.25	3	1.2
5511	2	3942	22	82	7.9	8	26	647	9.03	2	<8	<2	13	49	.4	<3	13	71	1.38	.037	12	12	.81	59	.06	<3	1.17	.06	.16	10	1.3
5512	2	42	9	60	.3	5	9	577	2.12	<2	<8	<2	13	84	<.2	<3	3	36	1.19	.050	8	13	.88	92	.09	<3	1.23	.05	.16	4	<.2
5513	2	30	5	43	<.3	5	8	581	2.26	<2	11	<2	11	110	<.2	<3	<3	47	1.72	.049	19	13	.76	186	.05	<3	1.13	.06	.28	2	<.2
5514	4	31	7	44	.5	4	9	802	2.12	4	<8	<2	13	114	<.2	<3	3	36	2.26	.054	10	8	.80	299	.03	3	1.17	.04	.35	3	1.6
5515	4	835	6	64	11.3	4	11	966	2.21	13	<8	<2	11	75	<.2	<3	5	27	2.19	.048	12	9	.83	96	.01	5	1.30	.04	.31	3	8.3
5516	3	38	7	56	1.4	5	11	838	2.54	12	<8	<2	13	84	<.2	<3	4	50	2.38	.062	12	17	.99	288	.04	<3	1.31	.05	.23	3	6.9
5517	2	13	5	48	.3	6	10	534	2.32	<2	<8	<2	12	72	<.2	<3	<3	64	.98	.061	12	15	.87	132	.12	3	1.08	.07	.11	33	.3
5518	28	205	13	71	6.9	6	14	1312	2.42	14	<8	<2	11	84	.2	<3	<3	31	2.04	.057	10	15	.88	59	.01	<3	1.42	.02	.29	17	19.6
5519	57	2290	26576	24127	250.2	2208	49	1248	8.17	41735	<8	3	<2	24	566.9	1062	46	39	.53	.010	6	2404	.21	47	<.01	4	.74	<.01	.21	<2	9816.9
5520	2	19	7	39	<.3	26	6	354	1.90	7	<8	<2	<2	39	<.2	<3	<3	51	.77	.048	4	34	.71	84	.12	<3	1.26	.10	.14	2	<.2
5521	3	11	9	44	.3	5	10	823	2.33	12	<8	<2	12	71	<.2	<3	<3	54	1.33	.060	11	11	.92	165	.09	<3	1.23	.06	.15	3	5.1
5522	3	5	6	38	<.3	5	10	639	2.83	3	<8	<2	10	57	<.2	<3	<3	88	1.37	.064	12	17	1.07	71	.13	<3	1.22	.09	.10	<2	3.9
RE 5522	4	5	6	37	<.3	6	10	642	2.85	2	<8	<2	10	58	<.2	<3	<3	89	1.38	.064	11	15	1.08	71	.13	<3	1.22	.09	.10	2	1.5
RRE 5522	4	4	<3	35	<.3	5	10	614	2.66	<2	<8	<2	10	53	<.2	<3	<3	82	1.32	.063	11	16	1.04	62	.12	<3	1.15	.08	.08	2	2.6
5523	4	11	16	67	.4	5	10	630	2.82	2	<8	<2	11	57	.2	<3	<3	89	1.38	.063	11	15	1.03	93	.12	3	1.17	.09	.10	2	1.9
5524	4	25	37	96	.4	5	10	899	2.85	5	<8	<2	9	61	.7	<3	<3	73	1.98	.058	13	18	1.14	93	.05	<3	1.49	.07	.20	3	3.9
5525	3	7	11	60	.3	5	11	963	2.84	3	<8	<2	10	66	.2	<3	4	73	2.04	.061	14	11	1.16	87	.04	<3	1.51	.07	.18	2	2.0
5526	3	13	12	61	1.4	5	11	1314	2.75	5	<8	<2	10	89	.3	<3	<3	65	2.75	.062	17	13	1.03	92	.01	<3	1.43	.05	.22	2	3.7
5527	4	26	195	155	3.8	1	1	1231	.36	13	<8	<2	7	46	3.4	<3	<3	1	1.54	.006	16	6	.02	101	<.01	<3	.37	.01	.40	3	69.0
5528	5	10	137	59	3.0	1	1	1445	.37	11	<8	<2	8	58	1.2	<3	<3	1	1.70	.006	14	4	.01	80	<.01	<3	.33	.01	.38	2	274.8
5529	3	5	71	25	1.0	1	1	1175	.45	16	<8	<2	7	65	.6	<3	3	<1	1.54	.006	14	1	.02	86	<.01	<3	.43	.01	.44	<2	82.4
STANDARD DS3	10	124	32	155	<.3	38	12	808	3.20	31	<8	<2	4	28	5.7	5	7	80	.54	.094	17	190	.61	152	.09	3	1.76	.04	.17	5	19.0

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE R150 60C AU* IGNITION BY ACID LEACHED, ANALYZE BY ICP-MS. (10 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 12 2001 **DATE REPORT MAILED:** Oct 18/01 **SIGNED BY.** C. Leong .....D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data ___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
5530	5	19	10	45	1.6	5	10	1088	2.54	7	<8	<2	11	126	.3	<3	<3	52	2.77	.059	16	15	1.03	89	<.01	<3	1.38	.03	.26	<2	4.0
5531	27	15	9	47	1.3	5	10	1071	2.60	12	<8	<2	10	106	<.2	<3	<3	45	2.67	.058	18	12	1.15	107	<.01	<3	1.59	.04	.31	<2	7.3
5532	3	4	11	54	.9	5	11	1107	2.67	3	<8	<2	10	147	.3	<3	<3	45	2.91	.062	17	16	1.08	103	<.01	<3	1.47	.04	.26	<2	2.7
5533	2	11	13	58	2.4	5	12	1442	2.65	11	<8	<2	11	147	.3	<3	<3	30	3.09	.059	12	11	.92	80	<.01	<3	1.52	.04	.37	2	12.1
5534	7	17	13	61	1.3	5	10	1230	2.51	3	<8	<2	11	87	.2	<3	<3	29	2.70	.059	19	13	1.08	61	<.01	<3	1.48	.03	.26	<2	1.3
5535	3	29	12	51	.9	5	11	1136	2.82	<2	<8	<2	10	120	.2	<3	<3	46	2.54	.064	19	16	1.26	105	.01	<3	1.62	.04	.19	2	1.6
5536	<1	15	20	59	1.6	5	17	1386	3.53	3	<8	<2	12	157	.4	<3	<3	55	3.03	.069	15	14	1.26	365	.02	<3	1.76	.04	.20	2	4.9
5537	8	17	138	215	2.3	1	1	954	.41	16	<8	<2	7	60	4.8	<3	<3	<1	1.34	.006	15	8	.03	135	<.01	<3	.39	.01	.41	<2	45.1
5538	7	10	144	222	2.6	1	<1	887	.38	16	<8	<2	7	41	5.2	<3	<3	1	1.35	.006	13	6	.02	101	<.01	3	.33	.01	.37	<2	35.4
RE 5538	7	11	140	230	2.7	1	1	906	.38	16	<8	<2	7	42	5.3	<3	<3	<1	1.38	.006	14	7	.02	103	<.01	4	.34	.01	.38	<2	63.7
RRE 5538	7	10	146	238	2.9	1	<1	912	.42	17	<8	<2	8	42	5.7	<3	<3	1	1.37	.006	14	7	.02	112	<.01	3	.38	.01	.43	<2	36.1
5539	3	29	32	55	2.3	6	11	1425	2.60	6	<8	<2	13	95	.4	<3	<3	39	2.59	.058	20	18	.96	59	<.01	<3	1.46	.04	.26	2	5.4
5540	1	15	26	104	10.0	193	31	3224	5.03	9	<8	<2	<2	228	.3	4	<3	84	6.21	.109	10	247	3.25	73	<.01	<3	3.15	.03	.18	4	2.1
5541	3	40	28	55	3.5	5	9	1743	2.49	9	<8	<2	12	129	.5	<3	<3	34	3.56	.055	14	7	.84	70	<.01	<3	1.64	.03	.41	<2	11.6
5542	8	12	107	101	4.1	1	1	1053	.57	14	<8	<2	6	73	2.4	<3	<3	1	1.78	.007	14	3	.08	84	<.01	<3	.49	.01	.42	3	41.9
STANDARD DS3	10	127	35	158	<.3	35	12	832	3.24	31	<8	<2	3	29	6.0	4	5	81	.56	.098	18	192	.62	157	.09	<3	1.80	.04	.17	4	20.7

Sample type: CORE R150 60C. 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

[redacted]CME[redacted]LYT[redacted]L L[redacted]ATO[redacted] LT[redacted] [redacted] E. [redacted]TIN[redacted]T. [redacted]OUV[redacted]BC [redacted] 1R[redacted] P[redacted](60[redacted]53-[redacted] FA[redacted]4)2[redacted]716[redacted]
(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103625R

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Ag** gm/mt	Au** gm/mt
5505	142.6	1.12

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: CORE PULP

DATE RECEIVED: OCT 19 2001 **DATE REPORT MAILED:** Oct 26/01 **SIGNED BY** C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data___ FA ___

[redacted]CME[redacted]LYT[redacted]L LA[redacted]ATO[redacted] LT[redacted] [redacted] E. [redacted]TIN[redacted]T. [redacted]COUV[redacted]BC [redacted] 1R[redacted] P[redacted](60[redacted]53-1[redacted] FA[redacted]4)2[redacted]716[redacted]
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103689 Page 1

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
SI	1	2	<3	1	<.3	<1	<1	4	.03	<2	<8	<2	<2	1	<.2	<3	<3	<1	.05	<.001	<1	7	<.01	2	<.01	<3	<.01	.26	<.01	<2	<.2
5543	6	15	137	223	2.4	2	1	566	.59	14	<8	<2	7	30	5.2	<3	<3	2	1.32	.007	18	36	.06	163	<.01	4	1.04	.02	.74	<2	35.8
5544	12	23	327	306	1.8	18	4	1032	1.08	14	<8	<2	7	71	6.0	3	<3	6	1.59	.024	17	51	.38	80	<.01	<3	.76	.01	.39	<2	26.7
5545	20	21	195	257	1.0	5	2	831	.65	4	9	<2	10	46	4.9	<3	<3	2	1.15	.012	15	45	.19	43	<.01	<3	.47	.01	.27	<2	44.9
5546	31	27	64	105	1.5	4	1	587	.67	2	<8	<2	7	34	1.9	<3	<3	2	.72	.004	17	50	.16	47	<.01	<3	.46	.01	.27	<2	36.2
5547	11	16	160	268	.7	2	2	388	.45	15	<8	<2	8	22	4.5	<3	<3	2	.47	.005	12	42	.07	47	<.01	<3	.37	.01	.30	<2	21.8
5548	5	39	643	601	2.5	6	2	675	.72	21	<8	<2	8	32	11.5	3	<3	2	.63	.004	12	48	.15	43	<.01	<3	.48	.01	.32	<2	57.7
5549	10	19	271	657	1.6	2	1	455	.63	46	<8	<2	8	26	12.6	3	<3	2	.49	.003	11	44	.06	39	<.01	<3	.37	.01	.30	<2	112.4
5550	12	25	360	945	2.7	4	2	598	.72	66	8	<2	7	35	17.9	3	3	1	.85	.003	9	43	.04	41	<.01	3	.35	.01	.30	<2	68.5
5551	8	23	431	961	2.6	5	2	886	.86	54	<8	<2	6	49	17.2	3	3	2	1.27	.006	8	34	.14	43	<.01	<3	.42	<.01	.29	<2	43.1
5552	6	149	1284	1712	11.3	115	23	4223	4.10	86	<8	<2	<2	282	32.7	4	<3	33	6.72	.090	10	92	1.70	74	<.01	<3	2.01	.01	.32	<2	213.3
RE 5552	6	145	1289	1675	10.9	113	23	4147	4.01	84	<8	<2	<2	277	31.8	4	3	33	6.62	.088	10	85	1.67	72	<.01	<3	1.97	.01	.31	<2	219.4
RRE 5552	5	149	1318	1598	10.9	114	23	4276	4.05	84	<8	<2	<2	282	30.3	4	<3	34	6.85	.090	10	87	1.69	70	<.01	<3	1.97	.01	.30	<2	251.4
5553	11	55	182	779	2.0	8	7	1979	2.30	6	<8	<2	10	161	11.0	4	<3	8	3.68	.043	16	45	.84	61	<.01	<3	1.35	.01	.35	<2	17.4
5554	2	150	118	2096	3.3	6	14	1928	3.11	3	<8	<2	13	105	21.3	3	<3	45	2.40	.050	17	34	1.23	168	.01	<3	1.96	.03	.35	<2	3.4
5555	2	113	67	962	2.0	7	9	1658	2.80	2	<8	<2	12	97	9.6	3	4	38	2.18	.048	19	44	1.11	115	<.01	<3	1.84	.03	.37	<2	23.6
5556	3	38	222	944	1.3	4	8	2132	2.55	38	<8	<2	11	170	10.8	3	<3	27	4.05	.041	12	46	.81	59	<.01	<3	1.67	.02	.44	<2	9.8
5557	<1	127	1670	3747	16.9	7	10	1952	3.28	31	<8	3	12	110	50.7	3	<3	34	2.58	.047	11	56	.97	75	.01	<3	2.03	.03	.47	<2	2375.4
5558	<1	83	152	1831	3.0	5	10	1991	2.94	26	<8	<2	12	85	18.5	3	3	36	2.24	.045	15	46	.95	97	.01	<3	1.91	.05	.40	<2	21.2
5559	<1	183	886	2993	7.3	7	10	2136	3.03	34	9	<2	12	115	41.3	3	5	33	2.67	.046	12	53	.94	91	.01	<3	1.91	.03	.43	<2	274.5
5560	2	123	337	1385	4.3	5	10	1972	2.82	11	8	<2	12	100	16.3	3	3	34	2.40	.044	15	41	.99	120	.01	<3	1.89	.03	.40	<2	93.8
5561	1	20	164	767	.5	7	9	1775	2.57	4	<8	<2	12	106	9.2	3	4	42	2.60	.047	19	58	1.00	155	.01	<3	1.75	.05	.34	<2	3.8
5562	1	12	60	507	.4	5	10	1589	2.59	5	<8	<2	14	71	6.4	<3	<3	45	2.19	.046	18	41	1.02	121	.01	<3	1.78	.07	.28	<2	3.3
5563	<1	34	48	979	1.3	6	9	1403	2.19	4	<8	<2	13	86	14.9	<3	3	44	2.33	.040	19	49	.89	145	<.01	<3	1.50	.06	.27	<2	2.1
5564	1	15	99	598	.5	7	10	1883	2.66	2	<8	<2	14	106	8.5	<3	<3	49	2.74	.051	18	42	1.16	90	.01	<3	1.91	.07	.31	<2	2.0
RE 5564	2	15	98	601	.4	8	10	1917	2.71	<2	<8	<2	13	107	8.6	<3	<3	50	2.79	.053	19	43	1.18	92	.01	<3	1.95	.07	.31	<2	1.5
RRE 5564	1	16	101	657	.5	9	11	1920	2.76	3	<8	<2	14	107	9.4	<3	5	50	2.80	.053	19	64	1.18	99	.01	<3	2.00	.08	.34	<2	<.2
5565	4	21	45	586	.7	5	10	1690	2.50	3	<8	<2	11	78	7.7	<3	<3	50	2.16	.047	16	40	1.10	102	.01	<3	1.75	.07	.25	<2	.7
5566	<1	72	966	2357	4.5	15	11	2019	3.15	8	<8	2	12	86	35.9	<3	5	49	2.31	.062	17	61	1.33	66	<.01	<3	1.95	.04	.31	<2	813.2
5567	3	65	500	1591	1.8	5	9	1600	2.45	5	8	<2	13	72	25.1	<3	3	33	1.76	.046	17	41	1.02	85	<.01	<3	1.57	.04	.28	<2	32.7
5568	<1	197	807	3299	4.1	7	11	1768	2.78	11	<8	<2	13	119	56.2	3	4	36	2.55	.047	19	49	1.05	62	<.01	<3	1.70	.03	.34	<2	23.8
5569	4	21	140	658	1.1	5	10	1795	2.70	7	<8	<2	12	70	8.9	4	<3	47	1.71	.050	14	41	1.20	113	.03	<3	1.79	.05	.19	5	2.1
5570	9	19	35	500	.5	8	11	1757	3.08	7	<8	<2	12	85	6.3	<3	<3	48	2.05	.052	17	47	1.29	105	.02	<3	1.97	.05	.27	<2	1.1
5571	47	2147	23218	22980	193.1	2136	48	1163	7.74	37410	<8	9	<2	23	533.9	986	32	37	.51	.010	5	2509	.19	43	<.01	<3	.69	<.01	.21	<2	9629.8
5572	3	20	<3	45	<.3	27	6	367	1.86	6	<8	<2	<2	39	.2	<3	<3	52	.77	.049	5	69	.74	83	.12	4	1.27	.10	.14	<2	<.2
STANDARD DS3	10	122	35	164	<.3	36	11	806	3.10	31	9	<2	4	28	5.7	5	6	77	.54	.093	18	191	.59	145	.08	4	1.70	.04	.16	4	22.0

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE R150 60C AU* IGNITION BY ACID LEACHED, ANALYZE BY ICP-MS. (10 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 17 2001 **DATE REPORT MAILED:** Oct 23/01 **SIGNED BY.....** D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data ___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
5573	3	37	570	819	1.6	7	11	2258	3.33	13	<8	<2	11	123	12.5	4	<3	46	3.16	.054	17	38	1.17	75	.01	<3	1.90	.05	.31	<2	5.8
5574	3	32	294	1391	4.5	29	14	2123	3.90	13	<8	<2	4	102	21.3	<3	5	61	2.16	.100	10	68	1.76	125	.09	<3	2.46	.08	.39	<2	17.8
5575	1	19	465	1124	2.6	30	16	2285	4.14	2	<8	<2	3	97	14.1	3	<3	70	1.66	.102	6	88	1.92	263	.14	<3	2.72	.14	.24	<2	5.6
5576	1	9	36	355	.7	8	12	1789	3.21	2	8	<2	9	84	3.3	3	<3	59	1.44	.063	8	42	1.39	221	.13	<3	2.22	.12	.22	<2	.9
5577	7	41	559	442	16.4	8	10	2163	3.52	2	<8	<2	11	55	6.1	4	19	47	1.06	.055	10	44	1.22	427	.08	<3	2.11	.07	.30	21	867.7
5578	2	7	32	218	<.3	5	10	1745	3.12	4	8	<2	10	77	1.6	3	<3	60	1.40	.056	12	36	1.33	165	.11	<3	2.07	.10	.31	4	6.0
5579	1	25	111	976	1.8	6	9	1574	2.73	4	<8	<2	12	74	13.2	3	<3	30	2.23	.046	17	46	.92	58	<.01	<3	1.63	.05	.34	<2	7.5
5580	11	67	158	653	2.0	4	8	1920	2.59	5	<8	<2	13	200	8.8	<3	<3	28	4.01	.040	16	37	.81	53	<.01	<3	1.46	.04	.33	<2	3.3
5581	3	24	59	564	1.2	6	11	1431	2.94	6	<8	<2	13	78	7.0	<3	<3	40	1.61	.046	14	39	.97	98	.03	<3	1.78	.08	.27	<2	3.2
5582	4	26	56	619	.6	4	8	1451	2.39	<2	<8	<2	14	123	7.8	4	<3	33	2.54	.041	15	45	.81	72	.04	<3	1.52	.06	.27	<2	4.0
RE 5582	4	25	58	614	.8	5	8	1437	2.37	<2	9	<2	14	122	7.6	3	<3	32	2.52	.041	15	44	.80	71	.03	3	1.51	.07	.27	<2	2.6
RRE 5582	3	25	58	605	1.0	6	8	1461	2.40	<2	9	<2	14	124	7.4	<3	<3	33	2.60	.040	16	54	.81	71	.03	<3	1.51	.06	.28	<2	2.3
5583	5	54	384	891	1.5	4	7	1421	1.89	4	8	<2	17	92	15.1	3	<3	19	2.40	.041	17	41	.47	68	<.01	4	1.14	.04	.41	<2	5.6
5584	6	24	219	507	2.3	8	8	2098	2.82	2	<8	<2	13	129	8.0	3	<3	35	3.26	.046	16	47	.74	63	<.01	<3	1.67	.04	.45	<2	8.5
5585	4	34	41	398	.8	7	10	2251	3.98	<2	<8	<2	12	83	4.9	3	<3	54	1.99	.054	15	38	1.34	123	.04	<3	2.28	.07	.30	2	1.8
5586	<1	67	242	1371	6.2	8	18	2311	4.45	4	<8	<2	12	121	19.0	<3	8	50	1.98	.057	14	39	1.43	379	.10	<3	2.50	.07	.21	26	4.3
5587	1	74	172	800	5.6	5	12	1626	3.25	2	<8	<2	13	80	10.8	3	3	52	1.52	.049	11	37	1.12	99	.09	<3	2.02	.09	.23	<2	2.2
5588	1	12	231	260	2.4	18	11	2082	3.89	3	<8	<2	2	68	3.0	3	<3	59	1.32	.058	4	35	1.45	113	.13	<3	2.48	.12	.22	2	11.6
5589	2	103	178	312	3.3	18	13	2093	3.98	2	<8	<2	2	82	3.5	3	<3	53	2.20	.061	6	29	1.52	70	.09	<3	2.28	.07	.19	<2	2.4
5590	6	31	230	1169	6.8	8	12	1650	3.05	2	<8	<2	12	73	18.3	4	10	50	1.69	.053	13	44	1.14	83	.08	3	1.90	.10	.22	<2	11.2
5591	3	79	639	1449	4.7	5	10	1975	3.38	5	<8	2	11	54	22.0	5	3	46	1.61	.052	13	32	1.10	101	.06	<3	2.05	.07	.29	<2	1750.3
5592	<1	35	366	1077	1.8	7	11	1894	3.37	<2	<8	<2	12	63	16.4	4	<3	58	1.69	.055	13	46	1.16	147	.05	<3	2.08	.08	.26	<2	5.5
5593	1	52	218	1449	4.1	5	10	2115	3.14	<2	<8	<2	14	60	22.2	5	4	51	2.37	.053	14	34	1.10	91	.04	4	1.93	.06	.27	<2	5.4
5594	<1	36	152	1132	2.3	6	11	1880	3.32	3	<8	<2	12	52	18.0	4	<3	55	1.62	.054	14	41	1.03	111	.07	<3	2.02	.09	.27	<2	3.7
RE 5594	1	36	151	1129	2.2	7	11	1870	3.31	2	<8	<2	12	51	17.9	4	4	55	1.60	.053	14	40	1.03	110	.07	<3	2.01	.09	.27	<2	5.9
RRE 5594	<1	35	145	1134	2.4	5	11	1838	3.22	<2	<8	<2	11	49	17.9	4	<3	52	1.55	.054	13	35	1.02	100	.07	<3	1.94	.08	.24	<2	5.3
5595	7	21	173	561	9.3	7	12	1583	3.24	<2	<8	<2	12	51	8.0	4	14	56	1.30	.051	11	42	.98	109	.09	<3	1.97	.08	.24	<2	23.9
5596	71	24	732	1515	15.2	5	10	1593	2.67	<2	<8	<2	10	68	22.0	5	26	48	1.69	.052	11	35	1.05	68	.11	<3	1.78	.09	.13	<2	31.0
5597	16	42	260	1422	8.0	7	12	1805	3.62	2	<8	<2	12	111	22.2	5	10	64	1.40	.055	11	41	1.07	366	.11	<3	2.89	.23	.30	<2	46.9
5598	52	29	462	1012	26.7	6	12	2184	3.56	4	<8	<2	13	134	14.8	4	64	65	1.62	.054	10	37	.91	594	.12	<3	3.36	.28	.36	<2	126.5
5599	20	96	431	1940	8.8	54	19	3779	4.82	67	<8	<2	9	50	25.0	13	8	58	1.67	.061	12	142	1.91	60	.06	<3	2.73	.01	.32	7	26.6
5600	4	600	457	4245	18.5	50	19	2879	5.04	64	<8	<2	11	58	68.9	24	15	53	1.75	.058	15	97	1.54	53	.03	<3	2.49	.01	.40	<2	25.2
5601	<1	106	124	3391	8.4	7	16	1716	3.62	39	<8	<2	14	65	42.7	8	6	51	1.49	.056	13	37	1.15	161	.10	<3	2.22	.06	.29	10	3.9
5602	1	103	60	1268	6.3	5	12	1603	3.64	102	8	<2	12	96	14.9	8	7	59	1.35	.054	9	25	1.12	235	.10	<3	2.63	.18	.22	7	5.1
STANDARD DS3	10	125	37	166	.4	37	12	833	3.20	31	<8	<2	4	28	5.9	6	6	80	.56	.095	19	188	.61	145	.09	<3	1.79	.04	.17	4	19.0

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

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

Data A FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
5603	3	159	75	1107	4.3	5	10	1651	3.47	132	<8	<2	12	73	13.6	5	6	49	1.89	.052	13	18	.99	114	.03	<3	2.01	.05	.33	6	6.5
5604	5	162	41	1950	5.7	5	13	1532	3.56	113	<8	<2	11	55	22.9	4	10	52	1.23	.053	11	24	1.06	132	.06	<3	1.96	.05	.22	<2	2.3
5605	5	3939	317	3821	78.7	7	24	1379	4.04	48	<8	<2	11	74	50.4	20	67	44	.97	.048	8	28	1.04	128	.08	<3	2.12	.09	.24	9	14.1
5606	6	1857	47	2642	32.1	5	18	1282	3.54	53	<8	<2	12	53	33.5	32	7	39	.89	.050	9	29	1.01	125	.07	<3	1.75	.04	.25	<2	5.9
5607	3	149	72	1785	4.5	6	13	1626	3.39	31	<8	<2	13	77	21.5	5	<3	52	1.69	.056	14	35	1.10	155	.04	<3	1.95	.05	.26	<2	4.5
5608	5	331	1048	3358	13.0	4	13	2197	3.46	50	<8	<2	13	89	54.9	11	7	29	2.30	.049	12	29	.87	86	.02	<3	1.61	.01	.35	2	19.6
5609	4	102	183	1305	8.2	5	12	2056	3.83	24	<8	<2	12	108	17.5	<3	12	48	1.91	.052	8	32	1.13	206	.08	3	2.65	.13	.35	13	45.9
5610	6	51	143	453	5.5	5	10	1778	3.13	60	<8	<2	11	85	5.8	4	9	48	1.35	.048	8	31	1.09	146	.08	<3	2.16	.10	.25	7	7.9
RE 5610	5	53	143	451	5.7	4	10	1800	3.16	59	<8	<2	12	85	5.7	4	7	49	1.36	.049	8	30	1.10	144	.08	<3	2.16	.10	.24	7	6.7
RRE 5610	4	52	124	388	5.4	5	10	1834	3.22	63	<8	<2	11	88	4.6	6	12	51	1.39	.050	9	31	1.11	155	.08	<3	2.21	.10	.26	4	5.4
5611	4	71	106	1096	4.8	5	11	1234	2.72	30	<8	<2	10	66	14.2	4	6	47	.97	.051	9	37	1.11	65	.08	<3	1.74	.06	.14	<2	1.5
5612	4	364	829	3359	16.7	10	17	1910	3.75	370	<8	<2	11	98	60.4	8	15	44	1.37	.051	9	40	1.03	57	.02	<3	1.83	.03	.24	<2	268.2
5613	10	1696	5082	33870	59.9	30	21	1563	6.42	4676	<8	<2	6	103	927.0	14	25	19	.92	.044	7	31	.37	38	.02	<3	1.09	.02	.33	<2	2475.4
5614	60	2113	24626	22306	188.1	2127	47	1090	7.53	36750	<8	3	<2	25	542.3	1013	29	36	.46	.008	6	2498	.18	40	<.01	5	.63	<.01	.20	<2	9427.6
5615	2	23	4	57	<.3	26	7	371	1.98	7	10	<2	<2	45	.4	<3	<3	54	.80	.048	5	74	.75	83	.12	6	1.32	.11	.15	<2	<.2
STANDARD DS3	10	132	36	163	<.3	35	12	832	3.27	29	<8	<2	4	31	6.1	5	5	81	.55	.093	19	193	.61	145	.09	<3	1.78	.04	.17	<2	22.0

Sample type: CORE R150 60C. 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 ___

[redacted]CME [redacted]LYT[redacted]L LA[redacted]ATO[redacted] LT[redacted] [redacted] E. [redacted]TIN[redacted]T. [redacted]OUV[redacted]BC [redacted] 1R[redacted] P[redacted]E(60[redacted]53-[redacted] FA[redacted]4)2[redacted]71[redacted]
(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103689R

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Ag** gm/mt	Au** gm/mt
5557	8.9	3.68
5571	1553.3	9.33
5591	4.4	1.93
5613	61.3	2.78
5614	1548.2	9.52
RE 5614	1532.6	9.44

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: CORE PULP
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 25 2001 **DATE REPORT MAILED:** Nov 2/01 **SIGNED BY.** D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data ___ FA ___

[redacted]CME[redacted]LYT[redacted]L LA[redacted]ATO[redacted] LT[redacted] [redacted] E. [redacted]TIN[redacted]T. [redacted]OUV[redacted]BC [redacted] 1R[redacted] P[redacted](60[redacted]53-[redacted] FA[redacted]4)2[redacted]716[redacted]

(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103689R2

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Ag** gm/mt	Au** gm/mt
5566	4.4	.93
5577	13.3	.89
RE 5577	13.7	.86

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: CORE PULP
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: NOV 9 2001 **DATE REPORT MAILED:** Nov 16/01 **SIGNED BY** ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data___ FA ___

[redacted]CME[redacted]LYT[redacted]L LA[redacted]ATO[redacted] LT[redacted] [redacted] E. [redacted]TIN[redacted] T. [redacted]COUV[redacted]BC [redacted] 1R[redacted] P[redacted](60[redacted]53-[redacted] FA[redacted]4) 2[redacted]716[redacted]
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103741 Page 1

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
SI	<1	<1	<3	3	<.3	<1	<1	4	.02	<2	<8	<2	<2	15	<.2	<3	<3	<1	.20	.001	<1	1	<.01	3	<.01	<3	<.01	.35	<.01	<2	.4
4844	15	5	11	56	<.3	5	9	663	2.49	2	<8	<2	<2	94	<.2	3	<3	73	1.64	.053	20	58	.97	135	.11	<3	1.12	.08	.16	<2	2.2
4845	12	9	16	48	<.3	5	9	909	2.62	<2	<8	<2	3	117	<.2	<3	<3	66	1.82	.054	14	50	1.05	125	.09	<3	1.39	.11	.26	2	1.4
4846	41	81	12	48	2.5	6	11	1507	3.66	13	<8	<2	4	118	<.2	<3	<3	49	2.44	.055	10	52	1.02	115	.10	<3	1.41	.07	.31	2	22.1
4847	39	40	20	54	2.0	7	13	1570	2.61	44	<8	<2	4	110	.4	<3	<3	42	2.07	.053	10	59	.82	122	.11	<3	1.47	.09	.43	2	35.6
4848	25	50	10	46	1.0	7	10	776	2.60	<2	<8	<2	7	88	.2	<3	<3	55	1.18	.058	11	61	1.18	97	.13	<3	1.60	.11	.26	2	3.4
4849	35	112	8	55	1.9	6	15	782	3.40	5	<8	<2	6	127	.2	<3	<3	42	1.47	.055	6	45	1.21	106	.12	<3	1.61	.10	.25	<2	7.3
4850	16	47	11	36	1.0	7	10	496	2.43	<2	<8	<2	5	94	.2	<3	<3	60	1.11	.057	10	62	1.16	115	.12	4	1.50	.11	.22	<2	1.5
4851	34	14	6	34	.3	5	8	465	2.24	<2	<8	<2	5	115	<.2	<3	<3	51	1.37	.056	10	45	1.10	99	.11	3	1.41	.09	.18	<2	.6
4852	30	9	6	43	<.3	7	9	583	2.50	<2	<8	<2	4	98	.2	<3	<3	59	1.54	.056	11	57	1.12	101	.11	<3	1.48	.11	.19	<2	<.2
4853	66	71	9	50	1.3	5	12	875	2.32	8	<8	<2	4	150	.2	<3	3	47	1.38	.058	10	42	1.19	157	.09	<3	1.53	.10	.22	2	36.1
4854	21	44	6	45	1.0	7	12	619	2.88	<2	<8	<2	2	133	.3	<3	<3	80	1.71	.061	12	61	1.24	152	.12	4	1.51	.14	.19	2	1.2
RE 4854	21	45	7	45	.9	7	12	603	2.81	<2	<8	<2	2	128	.2	3	<3	79	1.66	.061	12	57	1.21	147	.11	5	1.48	.13	.19	<2	.9
RRE 4854	23	46	8	48	.7	5	12	624	2.86	<2	<8	<2	2	127	.2	<3	<3	79	1.69	.064	12	50	1.26	137	.12	<3	1.47	.11	.17	2	1.5
4855	11	30	9	37	<.3	7	10	501	2.74	2	<8	<2	2	181	<.2	<3	<3	75	1.46	.058	12	57	1.13	236	.13	<3	1.47	.14	.21	2	<.2
4856	2	4	7	44	<.3	7	12	749	2.65	<2	<8	<2	<2	100	<.2	<3	<3	54	2.78	.061	15	44	1.20	267	.03	<3	1.55	.09	.29	<2	.2
4857	2	7	3	37	<.3	8	12	742	2.90	<2	<8	<2	<2	126	<.2	<3	<3	66	3.19	.063	16	50	1.23	354	.02	<3	1.50	.08	.31	<2	.3
4858	1062	713	16	44	1.0	9	240	626	8.21	18	<8	<2	<2	131	<.2	<3	<3	70	2.19	.050	7	46	1.25	90	.08	<3	1.59	.08	.26	3	4.7
4859	10	28	5	38	<.3	11	17	746	3.39	<2	<8	<2	<2	148	<.2	<3	<3	113	2.49	.070	12	60	1.56	179	.17	3	1.84	.16	.22	<2	1.2
4860	7	26	21	31	<.3	7	12	556	2.70	<2	<8	<2	<2	100	.6	<3	<3	88	1.37	.067	13	53	1.14	215	.16	<3	1.31	.13	.16	<2	.4
4861	6	32	6	50	.8	9	12	1166	2.58	3	<8	<2	<2	110	<.2	<3	<3	62	1.59	.070	14	52	1.19	144	.13	<3	1.57	.12	.21	<2	2.0
4862	6	13	5	36	<.3	7	11	723	2.47	6	<8	<2	<2	116	<.2	<3	<3	66	2.20	.064	15	46	1.06	140	.09	<3	1.23	.09	.20	<2	4.5
4863	4	13	3	36	<.3	8	11	626	2.57	4	<8	<2	2	112	<.2	<3	<3	70	1.86	.062	13	62	1.13	112	.11	<3	1.34	.11	.19	<2	.5
4864	8	261	10	56	4.8	8	38	751	3.98	15	<8	<2	3	154	<.2	<3	<3	63	1.95	.056	11	47	1.24	120	.09	<3	1.79	.09	.25	<2	15.9
4865	5	117	6	40	1.0	8	13	637	2.69	2	<8	<2	2	86	<.2	<3	<3	57	1.90	.065	15	52	1.11	178	.06	<3	1.54	.08	.32	<2	2.1
4866	12	23	5	49	.6	7	12	877	2.82	<2	<8	<2	4	104	<.2	<3	<3	59	1.77	.061	12	46	1.17	131	.11	3	1.56	.10	.22	<2	1.6
4867	9	15	19	128	.8	9	12	1921	2.68	14	<8	<2	3	98	2.2	<3	<3	52	1.87	.064	11	59	1.23	105	.11	<3	1.71	.10	.30	2	8.2
4868	2	3	<3	45	<.3	6	11	693	2.68	<2	<8	<2	<2	92	.2	<3	<3	76	2.08	.065	13	40	1.10	127	.11	4	1.25	.10	.18	<2	.2
RE 4868	2	3	<3	45	<.3	6	11	695	2.71	<2	<8	<2	2	92	<.2	<3	<3	77	2.10	.066	13	40	1.11	128	.11	<3	1.27	.10	.18	<2	<.2
RRE 4868	1	5	6	46	<.3	7	11	699	2.73	<2	<8	<2	<2	94	.2	<3	<3	78	2.10	.066	13	47	1.11	125	.11	<3	1.28	.11	.19	<2	.5
4869	3	17	<3	41	<.3	6	11	686	2.70	2	<8	<2	<2	99	<.2	<3	<3	75	2.21	.065	15	38	1.16	207	.08	<3	1.30	.10	.19	<2	3.2
4870	1	12	7	50	<.3	7	12	947	2.88	<2	<8	<2	<2	121	<.2	<3	<3	63	3.05	.067	18	41	1.25	606	.03	<3	1.60	.09	.34	<2	.3
4871	3	24	22	86	.9	7	12	1679	2.78	4	<8	<2	<2	125	.3	<3	<3	52	3.42	.063	15	34	1.22	441	.03	<3	1.62	.08	.34	<2	5.3
4872	4	273	5	54	2.1	21	20	776	3.82	3	<8	<2	<2	112	<.2	<3	<3	78	2.11	.109	14	58	1.71	145	.13	<3	1.97	.16	.22	4	3.3
4873	4	202	6	47	.4	17	12	675	3.47	2	<8	<2	<2	114	<.2	<3	3	79	1.99	.108	13	53	1.67	215	.13	<3	1.77	.13	.20	5	1.5
STANDARD DS3	10	130	35	162	<.3	37	13	831	3.38	31	<8	<2	<2	31	5.8	5	7	87	.59	.098	20	189	.64	154	.09	<3	1.78	.04	.19	4	21.8

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE R150 60C AU* IGNITION BY ACID LEACHED, ANALYZE BY ICP-MS. (10 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 22 2001 **DATE REPORT MAILED:** Oct 30/01 **SIGNED BY.....** D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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Data ✓ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
4874	1	385	11	58	2.1	19	23	831	3.90	3	<8	<2	5	103	.2	<3	3	58	2.69	.112	18	53	1.79	182	.01	<3	2.02	.08	.33	3	3.5
4875	1	27	4	38	<.3	8	11	671	2.89	3	<8	<2	9	106	<.2	<3	<3	70	2.14	.073	14	40	1.37	270	.09	<3	1.59	.10	.18	<2	2.5
4876	1	112	9	54	<.3	17	18	714	3.75	5	<8	<2	5	124	<.2	<3	<3	67	2.27	.106	12	51	1.71	215	.10	3	1.92	.12	.21	4	3.7
4877	3	317	304	265	5.5	17	22	2244	3.90	22	<8	<2	5	126	5.5	<3	<3	63	2.42	.111	15	47	1.64	193	.04	<3	1.96	.09	.30	6	21.0
4878	59	2129	22560	22869	298.0	1856	42	1112	7.68	35329	8	6	<2	23	534.7	1065	47	34	.51	.010	5	1957	.20	46	<.01	5	.66	<.01	.21	13	6171.5
4879	1	19	9	42	<.3	25	6	349	1.93	8	<8	<2	<2	44	.2	<3	<3	55	.85	.049	5	68	.74	93	.13	5	1.27	.12	.16	<2	<.2
4880	3	43	15	53	<.3	17	13	913	3.26	5	<8	<2	5	124	<.2	<3	<3	61	2.64	.104	19	48	1.56	323	.02	<3	1.70	.07	.23	4	8.5
4881	3	474	13	91	1.6	19	18	870	3.38	8	<8	<2	5	147	.2	<3	<3	60	2.65	.105	17	52	1.66	281	.02	<3	1.78	.08	.25	50	11.9
4882	3	85	7	51	<.3	16	12	811	3.19	3	<8	<2	4	152	<.2	<3	<3	59	2.32	.103	14	48	1.67	490	.06	<3	1.74	.09	.18	37	5.7
4883	2	80	11	59	.5	16	13	1337	3.37	4	<8	<2	6	159	<.2	<3	<3	64	2.36	.104	16	48	1.58	577	.04	<3	1.75	.09	.20	17	4.0
4884	2	42	26	115	.9	6	12	2015	2.75	4	<8	<2	10	129	2.7	<3	<3	44	2.58	.063	19	34	1.10	307	.01	<3	1.51	.05	.33	2	7.0
RE 4884	1	42	29	111	.6	6	12	2011	2.74	7	<8	<2	11	129	2.6	<3	<3	45	2.57	.063	19	33	1.10	308	.01	<3	1.53	.05	.33	<2	10.7
RRE 4884	1	43	28	121	.9	7	12	2038	2.80	3	<8	<2	11	134	2.8	<3	<3	46	2.64	.061	20	41	1.12	322	.01	<3	1.58	.06	.36	3	13.4
4885	5	16	56	59	.5	5	11	1682	2.53	2	<8	<2	10	155	.3	<3	3	34	3.09	.061	19	23	1.06	473	.01	<3	1.56	.06	.38	<2	4.7
4886	<1	18	12	53	<.3	5	11	1255	2.64	2	<8	<2	12	175	<.2	<3	<3	34	2.83	.062	21	25	1.17	859	.01	<3	1.62	.06	.35	<2	3.7
4887	1	9	102	163	.7	5	12	3272	2.83	6	<8	<2	11	196	3.5	<3	<3	40	3.31	.063	21	23	1.09	839	<.01	<3	1.58	.06	.38	2	7.7
4888	2	11	86	115	.9	5	11	4250	2.94	22	<8	<2	11	169	1.6	<3	3	44	2.98	.063	17	27	1.02	395	<.01	<3	1.46	.06	.35	2	22.4
4889	12	32	18	51	.8	5	11	1565	2.51	11	<8	<2	11	207	<.2	<3	3	35	3.26	.060	19	29	1.09	659	<.01	<3	1.49	.06	.39	<2	8.8
4890	<1	3	28	68	.5	5	10	1915	2.38	5	<8	<2	11	174	.2	<3	<3	26	2.86	.060	21	24	.96	314	<.01	<3	1.35	.04	.38	<2	5.8
4891	9	14	41	119	1.1	5	11	2242	3.84	14	<8	<2	8	188	.8	<3	3	34	3.66	.128	27	29	1.08	132	.01	<3	2.19	.03	.54	<2	22.2
4892	3	11	9	96	<.3	2	10	1444	4.61	15	<8	<2	3	209	.4	<3	<3	68	3.67	.214	27	8	.87	136	.02	<3	2.11	.07	.42	<2	3.3
4893	3	12	14	118	<.3	2	12	1178	4.73	10	<8	<2	4	152	.2	<3	<3	61	3.49	.210	27	10	1.14	157	.01	<3	2.25	.06	.40	<2	2.6
4894	4	11	13	107	<.3	1	11	1269	4.68	5	<8	<2	4	121	.3	<3	<3	57	2.97	.210	28	8	1.02	123	.01	<3	2.13	.06	.37	2	3.0
4895	17	5	82	85	1.2	2	3	547	1.50	15	8	<2	8	56	1.5	<3	4	13	1.14	.060	18	29	.28	77	<.01	<3	.84	.01	.38	2	22.0
4896	17	4	192	273	2.1	1	<1	527	.41	28	<8	<2	10	43	6.7	<3	<3	1	.82	.003	14	28	.03	49	<.01	<3	.38	.01	.34	<2	55.6
RE 4896	18	4	195	274	2.4	1	<1	530	.41	28	<8	<2	11	44	6.8	<3	<3	1	.82	.003	14	29	.03	50	<.01	<3	.38	.01	.35	<2	67.7
RRE 4896	18	4	195	277	2.2	3	<1	540	.45	28	8	<2	11	45	6.8	<3	<3	1	.83	.003	15	33	.03	55	<.01	<3	.43	.01	.39	<2	67.7
4897	26	4	202	206	2.3	2	1	1894	.47	41	<8	<2	7	123	4.3	<3	<3	<1	2.94	.003	10	31	.03	42	<.01	3	.38	<.01	.32	<2	76.2
4898	7	3	50	94	1.8	59	17	2238	2.32	61	<8	<2	4	109	.9	<3	4	20	3.50	.068	11	58	1.00	163	<.01	3	1.34	.01	.39	2	11.0
4899	2	5	22	69	.7	185	32	2254	5.45	16	<8	<2	2	130	.4	<3	3	84	3.46	.111	13	129	3.97	58	<.01	<3	3.34	.02	.24	3	8.2
4900	6	22	13	49	.8	11	15	1564	3.20	13	<8	<2	8	205	.2	<3	4	35	4.01	.069	18	31	1.45	144	<.01	<3	1.75	.03	.42	<2	4.1
4901	4	3	41	48	.4	2	1	441	.65	4	<8	<2	6	57	.8	<3	<3	1	.77	.007	21	37	.10	143	<.01	<3	.38	.05	.31	<2	3.4
4902	8	5	62	160	.7	3	1	526	.65	10	<8	<2	8	59	3.3	<3	<3	2	.83	.006	20	48	.03	165	<.01	<3	.43	.05	.39	4	21.2
4903	7	6	55	125	.7	1	<1	625	.65	11	<8	<2	7	62	2.4	<3	<3	1	.84	.006	19	41	.03	122	<.01	<3	.38	.05	.35	3	14.8
4904	16	4	68	150	.5	3	1	532	.63	7	<8	<2	7	70	2.9	<3	<3	1	.88	.006	24	44	.04	145	<.01	<3	.44	.06	.38	3	17.6
STANDARD DS3	9	131	36	166	<.3	35	13	829	3.39	33	8	<2	5	32	5.9	6	5	86	.60	.101	20	182	.65	164	.09	<3	1.76	.04	.19	3	21.4

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

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Data A FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
4905	6	8	25	72	.5	51	10	1198	1.80	4	<8	<2	<2	176	.8	<3	<3	17	2.78	.040	18	56	.89	98	<.01	<3	.83	.04	.32	2	3.9
4906	2	11	5	34	<.3	7	10	984	1.77	5	<8	<2	5	178	.3	<3	<3	11	3.99	.049	24	25	.64	330	<.01	3	1.19	.02	.46	<2	3.1
4907	1	8	14	42	<.3	3	10	933	1.86	<2	<8	<2	4	205	.3	<3	<3	10	3.83	.048	21	10	.76	1167	<.01	<3	1.08	.02	.41	<2	1.2
4908	2	7	14	49	<.3	4	11	812	2.02	4	<8	<2	4	126	.2	<3	<3	14	2.85	.052	22	9	.87	545	<.01	3	1.20	.04	.37	<2	1.5
4909	1	21	20	32	<.3	6	11	500	2.13	6	<8	<2	3	52	.2	<3	<3	11	1.16	.053	21	46	1.11	93	<.01	3	1.36	.04	.37	<2	1.9
4910	2	30	17	50	.3	13	14	1240	2.68	3	<8	<2	<2	113	.2	<3	<3	19	2.88	.087	21	41	1.22	91	<.01	<3	1.56	.03	.39	<2	.9
4911	9	20	100	130	1.9	9	11	1593	1.99	14	<8	<2	3	103	1.8	<3	<3	9	3.06	.038	20	10	.71	109	<.01	<3	1.29	.02	.32	3	20.9
4912	9	26	245	378	3.2	3	5	803	.82	14	<8	<2	<2	48	6.4	3	<3	1	1.34	.007	17	7	.16	96	<.01	<3	.55	.03	.30	<2	41.1
4913	8	28	361	550	7.0	9	9	1705	2.88	40	<8	<2	<2	71	10.2	4	<3	23	1.89	.046	19	17	1.20	56	<.01	<3	2.40	.01	.37	<2	107.9
4914	1	32	14	71	.6	15	21	1689	4.04	4	<8	<2	<2	148	.4	<3	<3	56	4.22	.080	16	26	2.13	85	<.01	<3	2.39	.03	.37	<2	2.3
RE 4914	2	32	12	67	.5	16	21	1665	3.99	4	<8	<2	<2	146	.3	<3	<3	53	4.05	.079	16	27	2.11	85	<.01	<3	2.35	.03	.37	<2	1.8
RRE 4914	2	32	13	68	.6	16	21	1675	4.05	<2	<8	<2	<2	147	.2	<3	<3	55	4.23	.080	16	18	2.13	92	<.01	<3	2.40	.03	.39	<2	2.3
4915	2	58	12	91	1.0	24	30	1980	5.72	<2	<8	<2	<2	159	.3	<3	<3	99	4.99	.106	12	27	3.20	74	.01	<3	3.40	.03	.36	2	3.9
4916	1	29	7	83	.4	23	27	1955	4.98	11	<8	<2	<2	159	.2	<3	<3	91	5.15	.091	11	31	2.87	81	.01	<3	3.09	.04	.40	<2	5.0
4917	1	8	11	96	.6	21	28	1870	5.08	9	<8	<2	<2	162	.3	<3	<3	87	4.73	.097	14	30	2.73	73	.01	<3	3.13	.04	.44	<2	3.3
4918	1	3	5	51	<.3	6	13	1768	2.55	12	<8	<2	3	165	.3	<3	<3	25	3.90	.061	18	29	1.07	92	<.01	<3	1.63	.02	.55	<2	2.0
4919	2	4	28	81	.4	6	13	3035	2.84	32	<8	<2	3	202	.5	3	<3	20	4.22	.063	22	9	1.15	75	<.01	<3	1.66	.02	.44	2	8.4
4920	8	23	447	553	7.1	8	12	4467	2.42	893	<8	<2	4	124	9.8	5	<3	12	3.69	.059	12	7	.83	90	<.01	3	1.02	.01	.51	<2	181.7
4921	17	23	128	223	4.1	8	12	3826	1.67	299	<8	<2	<2	125	3.0	3	<3	15	4.12	.064	14	24	.37	96	<.01	<3	.96	.01	.44	<2	72.3
4922	6	29	19	177	1.7	7	12	3549	2.64	54	<8	<2	4	193	.6	<3	<3	12	4.38	.062	13	44	.81	90	<.01	<3	1.37	.01	.48	<2	26.4
4923	20	30	588	1300	11.6	5	16	2387	2.80	66	<8	<2	<2	108	13.8	5	<3	9	1.98	.060	18	38	.84	99	<.01	<3	1.41	.01	.42	<2	237.6
4924	29	251	7434	8676	107.9	27	14	2586	5.29	920	<8	3	<2	47	227.0	18	<3	28	1.25	.095	9	51	.74	47	<.01	<3	1.58	.01	.60	<2	1690.0
4925	10	231	6157	12215	109.4	29	13	2756	4.90	5207	<8	3	2	57	260.5	26	<3	20	1.69	.075	6	38	.50	47	<.01	<3	1.21	.01	.55	<2	2213.2
4926	39	176	3606	5926	54.6	27	19	2043	3.51	4990	<8	3	2	50	108.9	16	<3	15	1.44	.057	10	36	.36	63	<.01	<3	1.13	.01	.57	<2	2020.7
RE 4926	36	172	3522	5777	51.1	26	19	1993	3.42	4831	<8	2	2	49	106.1	15	4	14	1.41	.056	9	35	.35	62	<.01	<3	1.11	.01	.56	<2	1973.7
RRE 4926	40	172	3574	5775	54.5	26	19	2005	3.46	5035	<8	3	2	49	106.0	16	3	14	1.42	.056	10	38	.35	60	<.01	<3	1.07	.01	.53	<2	2172.8
4927	7	33	246	389	1.9	7	4	1473	1.88	14	<8	<2	<2	70	4.8	<3	<3	9	1.54	.036	38	34	.41	44	<.01	<3	.90	.07	.26	<2	37.0
4928	3	9	519	551	4.2	154	52	4299	5.23	93	<8	<2	<2	203	4.5	3	<3	59	5.18	.111	8	126	2.51	139	.01	3	2.67	.01	.51	<2	30.0
4929	66	1909	20812	22681	217.3	2201	49	1090	7.27	36483	<8	2	<2	22	529.4	1040	18	36	.49	.009	6	2542	.19	41	<.01	3	.61	<.01	.21	4	6898.9
4930	2	18	9	43	<.3	24	7	351	1.90	7	<8	<2	<2	44	.2	<3	<3	52	.82	.048	5	34	.75	86	.13	4	1.21	.13	.17	2	<.2
4931	5	9	97	128	2.6	7	11	2068	2.41	20	<8	<2	8	110	.9	3	<3	13	2.79	.046	14	12	1.05	82	<.01	3	1.36	.03	.45	3	20.0
4932	7	77	964	829	10.2	3	8	1878	1.59	59	<8	<2	9	80	17.4	4	<3	9	2.18	.036	17	8	.65	72	<.01	3	1.13	.01	.52	<2	113.0
4933	3	7	194	464	1.1	124	22	3665	4.44	84	<8	<2	<2	83	3.6	4	<3	74	2.93	.095	14	158	3.14	81	.01	<3	3.01	.01	.43	<2	42.0
4934	3	6	224	378	1.1	3	11	2974	1.87	642	<8	<2	8	142	5.4	<3	<3	12	3.74	.043	12	29	.59	116	<.01	<3	1.10	.02	.51	<2	332.0
STANDARD DS3	10	123	35	162	.3	36	13	845	3.29	32	<8	<2	<2	32	6.0	4	6	85	.60	.100	21	185	.67	148	.10	<3	1.73	.04	.19	5	20.5

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

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

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
4960	6	492	847	9192	41.0	40	18	4472	6.09	615	<8	<2	<2	24	93.0	3	3	71	.42	.096	13	85	2.07	117	.03	<3	3.10	.01	.39	113	252.2
4961	1	64	29	1481	.9	39	19	2718	3.82	16	<8	<2	<2	59	11.9	<3	<3	81	2.65	.091	11	94	2.24	51	.09	<3	2.50	.04	.18	17	4.3
4962	2	13	135	1135	1.0	129	25	4578	6.78	95	<8	3	<2	69	7.6	<3	<3	144	4.04	.093	8	275	4.32	44	.08	<3	4.44	.01	.26	5	17.2
4963	44	3304	24435	45613	246.4	30	27	2162	12.47	79325	<8	51	<2	64	1026.6	72	74	40	.29	.048	7	51	.80	53	.02	<3	1.72	.01	.32	594	33968.0
4964	3	59	142	1137	1.4	17	16	2141	3.13	144	<8	<2	<2	108	10.3	5	<3	70	1.97	.127	13	42	2.01	38	.13	<3	2.18	.05	.07	15	34.0
4965	32	180	1698	4275	11.7	16	21	1732	3.24	26	<8	<2	<2	72	73.6	3	11	57	1.79	.086	11	50	1.73	37	.14	<3	1.85	.05	.10	61	103.0
4966	5	5	31	273	<.3	27	22	1976	3.62	22	<8	<2	<2	110	1.9	4	<3	81	2.60	.116	8	61	2.69	37	.18	<3	2.57	.05	.07	4	7.2
4967	3	11	50	147	<.3	21	17	1408	3.09	47	<8	<2	<2	112	1.1	<3	<3	65	2.00	.105	11	45	2.17	35	.12	<3	2.21	.05	.06	<2	18.0
4968	2	18	532	923	3.1	13	11	3149	3.21	43	<8	<2	5	114	12.5	<3	<3	29	3.40	.051	11	29	1.21	83	.01	<3	2.01	.01	.51	12	118.3
4969	9	16	431	522	4.2	1	1	824	.52	47	<8	<2	4	49	8.4	<3	<3	<1	1.08	.004	12	6	.05	47	<.01	<3	.37	.01	.31	8	45.6
4970	7	28	594	646	7.3	2	2	790	.63	60	<8	<2	5	32	10.7	<3	<3	<1	.97	.004	10	10	.03	55	<.01	4	.40	.01	.34	10	119.0
RE 4970	7	27	593	649	7.4	2	2	793	.64	60	<8	<2	5	32	10.6	<3	<3	<1	.98	.004	11	7	.03	56	<.01	3	.40	.01	.34	11	108.7
RRE 4970	7	27	632	732	7.2	2	2	786	.62	56	<8	<2	5	32	12.0	<3	<3	2	.97	.004	11	30	.04	56	<.01	4	.42	.01	.36	11	119.7
4971	22	165	2908	3148	47.6	11	9	1692	3.68	336	<8	<2	<2	37	60.6	9	3	32	.76	.085	17	34	.60	89	<.01	3	1.53	.01	.42	44	1599.7
4972	5	15	117	164	.9	3	3	706	1.63	11	<8	<2	<2	42	2.5	<3	<3	10	1.07	.030	33	12	.24	59	<.01	<3	.78	.04	.26	3	80.4
4973	4	12	47	107	<.3	6	5	724	1.88	9	<8	<2	<2	34	1.0	<3	<3	15	.83	.035	34	21	.42	61	<.01	<3	.98	.05	.28	2	12.9
4974	12	72	3239	5523	50.7	3	2	512	1.79	377	<8	<2	4	14	136.8	6	3	2	.31	.003	8	42	.07	32	<.01	<3	.48	.01	.30	76	1170.4
4975	7	30	629	677	13.2	1	1	1135	.49	17	<8	<2	3	25	11.8	3	<3	1	.69	.004	13	27	.10	41	<.01	4	.46	.01	.33	10	104.4
4976	6	20	76	126	.3	13	5	1300	2.00	7	<8	<2	<2	40	1.1	<3	<3	14	1.08	.043	32	25	.45	59	<.01	<3	1.03	.04	.25	2	70.8
4977	5	15	107	191	<.3	6	4	910	1.77	5	<8	<2	<2	50	2.1	<3	<3	10	1.17	.034	34	25	.31	52	<.01	<3	.86	.05	.26	4	12.0
4978	5	16	214	330	1.7	7	3	1541	1.64	8	<8	<2	<2	84	5.5	<3	<3	10	2.46	.026	31	46	.27	53	<.01	<3	.92	.05	.27	5	55.4
4979	6	18	113	255	.6	3	3	714	1.18	22	<8	<2	<2	40	3.8	<3	<3	6	.89	.015	24	44	.19	38	<.01	<3	.61	.04	.24	4	41.9
4980	11	52	855	1818	8.6	32	9	1356	2.44	398	<8	<2	<2	39	26.2	3	<3	16	1.04	.037	12	47	.63	71	<.01	<3	1.30	.01	.41	22	235.1
4981	114	111	1567	3442	20.8	48	11	1133	3.27	5814	<8	<2	<2	46	58.9	29	4	16	1.11	.047	9	50	.65	41	<.01	<3	1.24	.01	.30	44	1382.4
4982	46	15	68	109	2.6	6	9	1132	1.59	43	<8	<2	<2	64	1.5	5	<3	7	1.57	.032	9	20	.42	51	<.01	<3	.93	.01	.31	2	74.9
RE 4982	46	15	73	110	2.6	6	9	1126	1.59	43	<8	<2	2	64	1.6	6	<3	7	1.56	.032	9	17	.42	52	<.01	<3	.94	.01	.31	2	82.3
RRE 4982	46	13	68	108	2.4	6	9	1133	1.55	41	<8	<2	<2	64	1.6	6	<3	6	1.57	.033	8	9	.41	42	<.01	<3	.83	.01	.24	3	78.0
4983	35	33	310	492	4.4	13	8	1183	1.78	44	<8	<2	<2	58	8.0	6	3	10	1.62	.036	9	13	.47	55	<.01	<3	.98	.01	.28	7	132.6
4984	16	49	705	1038	5.4	26	13	2266	1.99	26	<8	<2	4	184	16.4	4	6	12	3.46	.060	12	23	.67	110	<.01	<3	.86	.01	.37	14	115.8
4985	7	3	147	75	2.7	5	2	789	.67	13	<8	<2	<2	57	1.4	<3	3	1	.80	.012	14	27	.18	412	<.01	<3	.39	.01	.35	2	20.0
5626	11	1051	5967	11473	105.1	8	25	1409	9.50	84154	<8	17	<2	23	220.0	47	79	22	.77	.040	10	28	.54	57	.01	<3	1.56	.01	.39	148	16281.2
5627	5	67	131	384	3.9	11	10	1499	2.58	209	<8	<2	5	65	4.9	4	3	50	1.40	.075	16	39	1.06	68	.05	3	1.74	.05	.27	5	567.0
STANDARD DS3	10	126	35	159	<.3	35	12	831	3.26	30	<8	<2	<2	28	6.0	4	5	80	.55	.097	18	185	.61	149	.09	<3	1.80	.04	.17	3	20.6

Sample type: CORE R150 60C. 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 ____

[illegible]CME [illegible]LYT[illegible] LA[illegible]TOR[illegible] LTD[illegible] [illegible]E. [illegible]TING[illegible]T. V[illegible]OUV[illegible]C [illegible]1R6[illegible] PH[illegible](60[illegible]3-3[illegible] FAX[illegible])2[illegible]716[illegible]
(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103741R

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Ag** gm/mt	Au** gm/mt
4878	1471.0	10.74
4924	101.0	1.74
4925	105.6	2.50
4926	52.0	2.12
4929	1476.7	10.16
4963	243.2	40.37
4971	47.2	1.79
4974	49.9	1.01
4981	20.6	1.43
5626	105.0	16.22
RE 5626	105.7	17.83
STANDARD R-1/AU-1	102.2	3.23

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: CORE PULP
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 31 2001 **DATE REPORT MAILED:** Nov 5/01 **SIGNED BY** ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data ✓ FA ___

[redacted] LTD [redacted] E. [redacted] ING [redacted]. V[redacted] UVE [redacted] C [redacted] 1R6 [redacted] PH [redacted] (604 [redacted] 3-3 [redacted] FAX [redacted]) 25 [redacted] 716 [redacted]
(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103741R2
2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Au** gm/mt	Pt** gm/mt	Pd** gm/mt
4963	40.90	<.01	<.01

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: CORE PULP

DATE RECEIVED: NOV 2 2001 **DATE REPORT MAILED:** Nov 7/01 **SIGNED BY.** C. Leong .D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data FA YING

[redacted]CME [redacted]LYT[redacted] LA[redacted]TOR[redacted] LTD[redacted] [redacted]E. [redacted]TING[redacted]T. [redacted]OUV[redacted]C [redacted]1R6[redacted] P[redacted](60[redacted]3-3[redacted] FA[redacted])2[redacted]716[redacted]
(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103741R3

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Ag** gm/mt	Au** gm/mt
5627	4.2	.58

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: CORE PULP

DATE RECEIVED: NOV 9 2001 **DATE REPORT MAILED:** Nov 16/01 **SIGNED BY.** C. Leong .D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data FA

[redacted]CI[redacted]LYT[redacted]L L[redacted]ATO[redacted] LT[redacted] [redacted] E. [redacted]TIN[redacted]T. [redacted]OUV[redacted]BC [redacted] 1R[redacted] P[redacted]:(60[redacted]53-[redacted] FA[redacted]4) 2[redacted]716[redacted]

(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103776 Page 1

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
SI	<1	<1	<3	<1	<.3	<1	<1	<2	<.01	<2	<8	<2	<2	<1	<.2	<3	<3	<1	<.01	<.001	<1	2	<.01	<1	<.01	<3	<.01	<.01	<.01	<2	.5
4935	1	9	152	378	1.4	4	6	2540	1.64	575	<8	<2	15	108	5.8	<3	<3	10	2.84	.041	11	25	.40	102	<.01	<3	.96	.03	.42	<2	232.3
4936	1	12	77	130	1.7	3	6	2188	1.32	155	<8	<2	19	72	1.7	<3	<3	10	2.26	.040	16	29	.40	100	<.01	<3	.89	.04	.36	2	99.4
4937	2	17	153	126	2.0	4	16	2273	1.86	153	<8	<2	13	92	1.3	<3	<3	15	2.80	.050	13	34	.53	105	<.01	<3	1.16	.03	.43	2	100.4
4938	1	3	10	54	<.3	3	5	1751	1.85	7	<8	<2	12	95	.2	<3	<3	21	2.99	.049	23	10	.65	141	.01	<3	1.43	.04	.47	<2	25.0
4939	4	5	95	63	<.3	4	6	1665	1.98	12	<8	<2	13	88	<.2	<3	<3	28	2.77	.048	18	11	.77	144	.01	3	1.49	.05	.40	2	4.2
4940	1	13	26	184	.4	4	9	1775	2.31	4	<8	<2	15	73	1.9	<3	<3	36	2.33	.055	22	33	1.04	135	.01	3	1.74	.09	.39	3	3.9
4941	3	24	334	421	1.6	5	9	1596	2.27	26	<8	<2	16	39	1.8	<3	<3	25	1.32	.046	31	40	.87	112	<.01	<3	1.58	.05	.41	<2	28.6
4942	7	4	67	183	<.3	4	8	1510	2.30	9	<8	<2	13	46	2.4	<3	<3	36	1.43	.055	21	35	1.01	105	.01	4	1.65	.08	.34	3	3.2
4943	<1	6	23	102	<.3	5	7	1455	2.02	11	<8	<2	13	45	.8	<3	<3	29	1.74	.052	24	43	.90	158	.01	3	1.61	.08	.41	2	3.2
4944	1	28	99	113	.9	4	8	1324	1.78	6	<8	<2	13	64	1.2	<3	<3	25	2.04	.041	13	10	.71	125	.01	<3	1.25	.07	.32	2	12.5
RE 4944	2	30	101	121	1.0	4	9	1414	1.89	9	<8	<2	14	68	1.4	<3	<3	27	2.16	.045	14	12	.76	133	.01	<3	1.36	.08	.35	2	9.7
RRE 4944	2	32	111	125	1.0	4	9	1382	1.86	6	<8	<2	14	65	1.4	<3	<3	27	2.09	.044	15	13	.76	133	.01	<3	1.35	.08	.34	3	8.7
4945	2	14	73	108	.5	4	9	1323	2.09	2	<8	<2	13	74	.6	<3	<3	40	1.80	.052	13	31	1.02	110	.02	5	1.52	.08	.25	2	2.5
4946	1	6	12	80	<.3	5	9	1170	2.10	<2	<8	<2	14	74	.2	<3	<3	47	1.70	.052	15	32	1.06	77	.02	<3	1.40	.07	.19	2	1.1
4947	2	5	55	148	.3	4	8	1998	2.11	7	<8	<2	12	84	.9	<3	<3	26	2.50	.054	17	11	.78	107	.01	<3	1.58	.04	.43	3	7.7
4948	8	40	464	583	4.0	4	11	2042	2.42	66	<8	<2	12	64	9.2	<3	<3	27	2.27	.053	15	12	.79	109	.01	<3	1.66	.05	.48	<2	137.5
4949	2	7	29	120	.5	4	6	1689	2.23	<2	<8	<2	12	73	.3	<3	<3	29	2.42	.050	14	28	.93	128	.01	<3	1.67	.06	.38	2	2.3
4950	2	4	23	95	.3	5	7	1516	2.12	<2	<8	<2	12	76	.5	<3	<3	31	2.37	.050	13	34	.90	107	.02	<3	1.65	.08	.38	2	2.5
4951	1	3	23	106	<.3	4	5	1343	2.11	3	<8	<2	13	61	.5	<3	<3	37	1.62	.052	13	29	1.02	77	.03	<3	1.60	.09	.22	2	.8
4952	7	33	383	456	2.9	4	8	1838	2.48	67	<8	<2	15	33	5.5	<3	<3	30	1.37	.050	17	10	.87	113	.01	<3	1.64	.04	.39	4	56.6
4953	6	19	211	324	1.3	4	5	1997	2.23	14	<8	<2	13	56	4.8	<3	<3	29	2.58	.054	26	13	.80	108	.01	<3	1.73	.03	.50	<2	12.4
4954	2	12	229	480	1.5	4	7	2216	2.44	8	<8	<2	12	60	5.6	<3	<3	28	2.70	.053	17	33	.82	111	.01	<3	1.89	.03	.58	<2	4.8
4955	3	132	2486	2892	10.4	3	37	2079	3.03	41	<8	<2	11	60	48.3	<3	3	25	2.45	.045	8	29	.66	115	.01	3	1.69	.02	.51	<2	39.9
4956	2	11	196	259	.5	5	8	1665	2.26	<2	<8	<2	13	39	1.9	<3	<3	43	1.50	.053	16	14	1.00	67	.01	<3	1.64	.08	.27	<2	1.4
RE 4956	2	11	198	256	.4	4	8	1660	2.25	<2	<8	<2	13	39	1.9	<3	<3	43	1.49	.053	15	14	.99	67	.01	<3	1.64	.08	.27	<2	.7
RRE 4956	1	10	229	246	.4	4	7	1580	2.14	4	<8	<2	12	38	2.0	<3	<3	40	1.45	.051	15	11	.94	64	.01	<3	1.53	.08	.25	<2	.8
4957	1	29	24	125	.5	7	10	1269	2.20	5	<8	<2	11	58	1.0	<3	<3	45	1.51	.058	13	39	1.10	68	.06	<3	1.61	.08	.18	3	.6
4958	1	11	19	95	<.3	4	10	1305	1.88	9	<8	<2	13	58	.6	<3	3	34	1.74	.050	18	28	.97	61	.01	<3	1.47	.08	.26	2	1.5
4959	1	18	15	72	.7	6	11	1059	2.02	29	11	<2	14	48	.3	<3	<3	39	.99	.052	19	47	.97	81	.01	3	1.45	.08	.24	2	21.1
4986	5	13	328	552	5.2	17	6	2731	1.41	20	<8	<2	9	161	10.5	3	<3	5	2.47	.035	13	12	.45	96	<.01	<3	.63	.01	.36	<2	78.8
4987	10	16	173	229	1.5	10	4	1909	.94	15	8	<2	9	127	4.9	<3	<3	2	1.64	.023	9	7	.24	198	<.01	<3	.45	.01	.37	<2	30.7
4988	1	10	8	153	.3	17	13	985	3.50	10	<8	<2	7	66	.7	<3	<3	82	1.82	.107	13	43	1.57	68	.14	<3	2.03	.10	.17	4	3.2
4989	2	5	15	157	.4	17	15	2840	4.88	340	<8	<2	8	38	.8	4	<3	52	1.47	.097	19	29	1.29	50	.04	8	2.76	.03	.55	5	78.5
STANDARD DS3	10	128	35	161	<.3	37	12	822	3.26	31	9	<2	4	29	6.2	5	6	80	.55	.098	18	185	.61	153	.08	4	1.79	.04	.17	6	20.0

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE R150 60C AU* IGNITION BY ACID LEACHED, ANALYZE BY ICP-MS. (10 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 25 2001 **DATE REPORT MAILED:** Oct 30/01 **SIGNED BY.** C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data A FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
4990	1	8	19	96	<.3	16	29	1290	3.38	4	<8	<2	7	66	<.2	<3	<3	73	1.89	.104	12	43	1.59	37	.14	<3	1.97	.06	.14	3	1.2
4991	1	10	10	111	<.3	17	13	971	3.36	3	<8	<2	8	74	.3	<3	<3	76	1.95	.111	12	46	1.63	42	.12	<3	1.94	.07	.12	4	2.4
4992	1	12	10	124	.5	16	14	1182	3.94	3	<8	<2	6	64	.5	<3	<3	91	2.19	.114	12	35	1.69	36	.13	4	2.11	.07	.14	5	8.9
4993	<1	12	5	110	<.3	14	11	1284	3.32	4	<8	<2	7	48	.2	<3	<3	83	1.57	.113	12	31	1.38	43	.14	<3	1.80	.07	.14	4	1.2
4994	1	9	14	103	<.3	15	13	1840	3.46	586	<8	<2	8	39	.2	4	<3	64	1.62	.101	14	39	1.17	44	.09	3	1.77	.05	.23	7	15.5
4995	<1	6	3	106	<.3	15	15	1885	4.04	6	<8	<2	8	47	.4	<3	<3	77	2.03	.092	13	44	1.50	45	.10	<3	2.12	.05	.17	5	1.0
4996	1	12	5	57	<.3	13	9	597	2.55	4	<8	<2	8	53	<.2	<3	<3	64	1.29	.108	13	44	1.08	43	.13	<3	1.25	.07	.09	3	<.2
4997	1	21	10	60	<.3	13	11	533	2.64	3	<8	<2	6	64	<.2	<3	<3	73	1.42	.121	12	28	1.23	36	.14	<3	1.31	.08	.08	3	.5
4998	1	22	4	56	<.3	12	10	552	2.68	3	<8	<2	6	64	<.2	<3	<3	77	1.35	.110	12	25	1.27	38	.14	<3	1.38	.08	.08	2	1.5
4999	68	2055	28428	22318	299.4	2249	50	1209	7.83	35500	<8	9	<2	22	503.8	763	<3	40	.49	.009	6	2255	.20	41	<.01	6	.68	<.01	.20	77	9412.7
5000	1	19	<3	40	<.3	25	6	360	1.89	6	<8	<2	<2	42	<.2	<3	<3	54	.80	.048	5	60	.73	82	.12	5	1.35	.13	.16	3	<.2
5001	1	15	15	82	.3	14	12	775	2.86	24	<8	<2	7	62	.6	<3	<3	77	1.73	.111	13	42	1.40	52	.14	<3	1.45	.07	.11	2	8.3
5002	1	11	9	87	<.3	16	13	753	3.08	5	<8	<2	7	72	.2	<3	<3	83	1.99	.103	13	39	1.70	44	.14	<3	1.63	.06	.08	3	2.4
RE 5002	1	11	12	89	<.3	17	13	776	3.18	4	<8	<2	7	73	.2	<3	<3	86	2.06	.106	13	36	1.75	42	.14	<3	1.66	.06	.08	3	2.3
RRE 5002	1	11	17	87	.3	17	13	762	3.12	6	<8	<2	8	76	<.2	<3	<3	86	2.04	.104	13	40	1.72	54	.15	<3	1.68	.08	.10	4	2.0
5003	1	12	10	95	.3	17	12	973	3.21	5	<8	<2	8	93	.4	<3	<3	85	2.64	.102	14	50	1.94	46	.13	<3	1.79	.07	.08	3	.6
5004	1	9	20	86	<.3	15	11	694	2.83	3	<8	<2	8	68	.2	<3	<3	74	1.71	.109	13	46	1.51	47	.14	<3	1.50	.06	.08	3	1.3
5005	<1	9	21	96	<.3	16	12	743	3.07	3	<8	<2	8	65	.7	<3	<3	80	1.65	.108	14	47	1.60	62	.15	<3	1.55	.08	.09	4	.7
5006	1	7	19	112	<.3	16	13	831	3.06	5	<8	<2	8	56	1.5	<3	<3	78	1.83	.111	14	50	1.52	59	.14	<3	1.51	.06	.10	3	7.6
5007	2	8	32	1951	.6	21	34	1736	3.91	7	<8	<2	7	77	6.4	<3	3	76	2.36	.111	13	52	1.98	74	.11	<3	2.36	.06	.11	<2	.4
5008	1	8	11	83	<.3	18	14	832	3.15	3	<8	<2	7	81	.2	<3	<3	86	2.39	.110	14	47	1.73	54	.14	<3	1.65	.07	.09	3	<.2
5009	1	11	18	185	<.3	19	17	959	3.24	3	<8	<2	7	79	.5	<3	<3	78	2.20	.113	15	53	1.76	57	.11	<3	1.92	.06	.11	4	<.2
5010	1	10	27	560	.3	18	21	1808	3.99	<2	<8	<2	7	103	3.6	<3	<3	83	3.38	.099	14	40	2.53	59	.09	<3	2.60	.04	.11	<2	1.8
5011	1	9	10	257	<.3	16	16	1059	3.15	2	<8	<2	8	76	1.3	<3	<3	76	2.58	.103	15	45	1.76	67	.08	<3	1.89	.04	.12	<2	1.0
5012	<1	7	8	239	<.3	18	15	1222	3.14	3	<8	<2	8	95	.9	<3	<3	64	2.68	.100	16	43	1.85	67	.05	<3	2.03	.04	.18	<2	.5
5013	1	13	4	173	<.3	31	17	1167	3.45	5	<8	<2	7	95	.6	3	<3	84	3.04	.108	14	68	1.97	84	.08	<3	2.04	.05	.14	2	<.2
5014	1	12	3	210	<.3	19	15	1032	3.21	3	<8	<2	7	88	.8	<3	4	79	2.58	.102	15	48	1.71	105	.05	<3	1.83	.05	.13	<2	1.0
RE 5014	1	12	6	220	<.3	19	16	1079	3.36	<2	<8	<2	8	91	.9	<3	<3	82	2.69	.106	15	49	1.79	108	.05	<3	1.91	.05	.13	<2	<.2
RRE 5014	1	11	9	217	.4	19	15	1050	3.26	<2	<8	<2	8	89	.8	<3	<3	82	2.62	.103	15	48	1.75	112	.05	<3	1.87	.05	.13	<2	<.2
5015	<1	9	4	136	.3	18	15	988	3.23	4	<8	<2	8	97	.3	<3	5	77	2.47	.106	16	46	1.81	126	.05	3	1.95	.06	.11	3	.5
5016	1	11	16	149	.7	16	15	1570	3.29	2	<8	<2	7	96	.7	<3	<3	71	3.11	.113	18	41	1.70	120	.05	4	1.99	.05	.15	4	.3
5017	1	14	15	653	.5	19	16	1838	3.68	2	<8	<2	7	82	2.8	3	<3	71	2.88	.112	23	39	1.70	358	.02	<3	2.13	.06	.17	<2	<.2
5018	3	3	31	140	<.3	2	1	565	1.16	<2	<8	<2	8	34	.8	<3	<3	4	1.48	.008	42	31	.12	154	<.01	<3	.54	.06	.20	2	4.5
5019	3	5	50	699	.9	13	10	2230	3.83	<2	<8	<2	5	69	5.1	<3	<3	39	3.60	.075	30	28	1.07	425	<.01	<3	1.97	.05	.31	<2	3.2
STANDARD DS3	10	128	33	163	<.3	35	12	849	3.29	34	<8	<2	4	29	5.9	5	6	82	.55	.100	19	185	.63	145	.09	<3	1.83	.04	.17	5	19.7

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

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

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
5020	1	1	15	104	<.3	<1	1	791	2.07	<2	<8	<2	4	53	.4	<3	<3	2	1.62	.023	31	22	.10	1336	<.01	<3	.77	.07	.26	2	1.4
5021	2	3	21	55	<.3	2	<1	528	1.22	<2	<8	<2	7	22	.2	<3	<3	2	.98	.006	39	31	.03	60	<.01	<3	.49	.08	.23	<2	25.3
5022	2	2	44	103	<.3	1	<1	561	1.49	<2	<8	<2	4	17	.7	<3	<3	1	.83	.005	35	24	.03	49	.01	<3	.52	.08	.26	2	43.0
5023	2	4	15	85	<.3	2	<1	594	1.58	<2	<8	<2	5	13	.5	<3	<3	2	.77	.006	33	30	.03	42	<.01	<3	.53	.08	.24	<2	25.0
5024	2	2	11	77	<.3	1	<1	633	1.63	<2	<8	<2	4	12	.4	<3	<3	1	.77	.005	33	29	.02	39	.01	<3	.51	.08	.22	<2	18.2
5025	1	2	19	87	<.3	2	<1	731	1.61	<2	<8	<2	4	14	.5	<3	<3	2	.99	.005	34	29	.02	43	.01	<3	.55	.08	.24	<2	23.5
RE 5025	2	2	21	88	<.3	3	<1	734	1.63	<2	<8	<2	4	14	.5	<3	<3	1	.99	.005	35	28	.02	43	.01	<3	.55	.08	.24	2	17.3
RRE 5025	2	2	20	87	<.3	1	<1	733	1.58	<2	<8	<2	4	14	.5	<3	<3	1	.99	.005	34	30	.02	41	.01	<3	.54	.07	.23	2	14.5
5026	2	3	11	79	<.3	3	<1	595	1.67	<2	<8	<2	5	11	.5	<3	<3	2	.80	.005	33	34	.01	40	.01	<3	.50	.09	.24	<2	21.2
5027	2	1	9	64	<.3	1	<1	599	1.61	<2	<8	<2	4	12	.3	<3	<3	1	.78	.005	33	31	.01	43	.01	<3	.52	.09	.25	<2	18.1
5028	2	4	12	56	<.3	3	<1	593	1.56	<2	<8	<2	4	14	<.2	<3	<3	1	.86	.005	34	29	.01	39	.01	<3	.51	.08	.27	<2	77.0
STANDARD DS3	10	131	32	153	<.3	36	11	787	3.09	30	<8	<2	3	26	5.7	4	5	75	.51	.092	16	180	.57	140	.08	<3	1.65	.04	.16	5	21.3

Sample type: CORE R150 60C. 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 ___

[redacted]CME [redacted]LYT[redacted] LA[redacted]ATO[redacted] LT[redacted] [redacted]E. [redacted]TIN[redacted]T. [redacted]OUV[redacted]C [redacted]1R[redacted] P[redacted](60[redacted]3-3[redacted] FA[redacted]4)2[redacted]716[redacted]

(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103776R

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Ag** gm/mt	Au** gm/mt
4999	1485.1	10.19

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: CORE PULP

DATE RECEIVED: OCT 31 2001 **DATE REPORT MAILED:** Nov 5/01 **SIGNED BY** ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data ___ FA ___

[redacted]CME [redacted]LYT[redacted] LA[redacted]ATO[redacted] LT[redacted] [redacted]E. [redacted]TIN[redacted]T. [redacted]OUV[redacted]BC [redacted] 1R[redacted] P[redacted] (60[redacted]53-3[redacted] FA[redacted]4)2[redacted]716[redacted]
(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103776R2

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Au** gm/mt	Pt** gm/mt	Pd** gm/mt
4999	9.71	<.01	<.01

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: CORE PULP

DATE RECEIVED: NOV 2 2001 **DATE REPORT MAILED:** Nov 7/01 **SIGNED BY.** C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data ___ FA ___

(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103807 Page 1

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
SI	1	2	<3	2	<.3	<1	<1	8	.05	<2	<8	<2	<2	4	<.2	<3	<3	1	.16	<.001	<1	7	.01	6	.01	3	.04	.68	.01	<2	.5
5029	2	3	12	48	.7	3	<1	591	1.49	<2	<8	<2	<2	15	.2	<3	<3	3	.80	.006	35	33	.02	32	.01	<3	.49	.07	.23	<2	4.1
5030	3	1	10	56	.6	<1	<1	584	1.53	2	<8	<2	<2	13	.2	<3	<3	2	.76	.005	35	25	.02	31	<.01	<3	.50	.07	.24	<2	5.2
5031	2	4	19	74	.7	2	<1	674	1.63	<2	11	<2	<2	11	.3	<3	<3	2	.80	.005	35	33	.02	31	.01	<3	.51	.07	.24	<2	53.7
5032	3	4	57	103	.5	1	<1	742	1.52	2	<8	<2	<2	12	.9	<3	<3	1	.95	.005	34	26	.02	33	.01	<3	.50	.06	.25	<2	77.2
5033	2	6	12	64	.4	1	<1	623	1.54	2	<8	<2	<2	12	.3	<3	<3	1	.83	.005	34	29	.02	37	.01	<3	.51	.07	.24	<2	5.5
5034	2	2	10	49	.5	1	<1	546	1.30	<2	<8	<2	<2	12	<.2	<3	<3	2	.69	.005	38	29	.03	32	.01	<3	.43	.06	.21	<2	1.6
5035	1	2	11	57	1.1	2	1	699	1.68	4	<8	<2	<2	19	<.2	<3	<3	3	.97	.018	38	30	.10	87	.01	<3	.64	.06	.23	<2	3.1
5036	2	32	137	840	1.4	5	9	1159	2.97	9	<8	<2	<2	43	5.7	<3	<3	23	1.39	.051	19	24	.55	244	.04	<3	1.55	.11	.20	5	9.8
5037	1	25	11	566	.6	18	19	1076	2.92	11	<8	<2	5	53	3.1	<3	<3	63	1.63	.102	12	42	1.37	71	.09	<3	1.67	.07	.12	6	1.7
5038	1	11	12	877	.4	16	18	1190	2.80	7	<8	<2	6	58	3.6	<3	3	54	1.90	.097	13	37	1.52	55	.05	<3	1.77	.04	.13	3	3.9
RE 5038	1	11	10	874	.6	16	18	1182	2.78	5	<8	<2	4	57	3.6	<3	3	53	1.89	.096	13	37	1.52	52	.04	<3	1.76	.04	.12	3	4.2
RRE 5038	1	12	11	913	.4	20	19	1243	2.92	7	<8	<2	5	62	3.8	3	<3	57	2.01	.101	13	41	1.58	60	.04	<3	1.88	.05	.15	<2	2.7
5039	2	3	12	98	.6	1	1	827	2.03	3	<8	<2	<2	30	.4	<3	<3	5	1.53	.022	31	20	.16	97	<.01	<3	.77	.06	.22	<2	5.0
5040	57	2097	24425	20093	187.1	2154	48	978	7.28	35519	<8	11	3	22	519.4	973	53	26	.47	.010	5	3271	.17	44	.01	3	.59	.01	.20	<2	9625.7
5041	2	18	<3	40	<.3	26	6	345	1.79	4	<8	<2	<2	38	.2	<3	<3	51	.72	.047	4	60	.69	78	.11	3	1.27	.11	.14	<2	1.4
5042	2	4	25	1009	.4	18	17	1812	3.41	15	<8	<2	3	57	6.0	<3	<3	71	2.96	.104	19	38	1.47	86	.02	<3	1.95	.05	.15	<2	16.0
5043	3	94	1160	6863	5.6	39	65	3049	5.16	60	<8	<2	2	212	53.6	<3	6	63	4.79	.083	16	85	1.52	83	.03	<3	2.82	.03	.33	<2	34.5
5044	1	67	51	1147	.8	15	22	1374	3.59	10	<8	<2	3	56	10.4	<3	<3	80	1.77	.111	15	33	1.41	67	.13	<3	1.85	.06	.14	<2	3.8
5045	1	13	10	107	.4	15	12	851	2.86	5	<8	<2	6	56	.7	<3	<3	71	1.43	.103	10	43	1.36	52	.13	<3	1.50	.07	.10	<2	2.8
5046	1	17	6	71	.5	13	8	534	2.49	7	<8	<2	7	51	.4	<3	<3	64	1.15	.101	11	42	1.04	49	.12	<3	1.20	.08	.09	<2	1.9
5047	1	18	8	62	.4	14	9	528	2.62	6	<8	<2	6	43	.4	<3	<3	69	1.12	.105	11	47	1.05	51	.13	<3	1.22	.08	.09	<2	2.3
5048	2	11	3	36	.3	13	9	350	2.44	4	<8	<2	5	37	<.2	<3	<3	66	.95	.106	11	46	.87	44	.13	<3	1.00	.08	.08	<2	1.7
5049	1	25	3	47	.3	11	9	392	2.48	4	<8	<2	6	40	.4	<3	4	67	.97	.102	10	46	.91	49	.14	<3	1.09	.09	.09	<2	1.5
5050	1	38	7	64	.4	13	10	603	2.69	6	<8	<2	6	50	.6	<3	<3	72	1.39	.106	11	46	1.23	42	.15	<3	1.33	.07	.09	<2	1.7
RE 5050	1	38	7	64	.4	15	9	586	2.67	7	<8	<2	5	49	.7	<3	4	72	1.37	.103	10	46	1.21	41	.15	<3	1.30	.07	.09	<2	1.6
RRE 5050	1	37	8	63	.4	13	10	574	2.60	6	<8	<2	5	48	.5	<3	<3	69	1.33	.101	10	44	1.17	43	.14	<3	1.27	.07	.08	<2	2.0
5051	4	25	45	501	.7	12	8	639	2.29	47	<8	<2	8	30	1.7	<3	<3	55	.95	.080	12	47	.96	48	.11	<3	1.14	.06	.11	<2	.9
5052	15	63	730	3137	6.3	20	11	2565	3.94	1405	<8	<2	5	19	26.0	4	3	57	.61	.094	12	44	1.51	120	.04	<3	2.21	.02	.34	<2	102.4
5053	6	75	722	1954	2.4	65	20	2621	5.17	19	<8	<2	4	36	14.7	3	<3	110	1.46	.113	9	160	3.22	53	.11	<3	3.21	.03	.14	<2	2.5
5054	<1	2	71	972	.4	139	32	2808	6.42	17	<8	<2	2	64	11.5	<3	<3	145	3.53	.099	5	337	4.93	29	.07	<3	4.45	.01	.14	<2	7.2
5055	1	78	38	735	1.9	18	14	1087	3.04	12	<8	<2	4	52	3.9	<3	<3	78	1.90	.100	14	46	1.63	42	.07	<3	1.81	.06	.13	2	8.1
5056	1	78	11	174	.7	16	11	698	2.54	7	<8	<2	5	52	1.4	<3	<3	64	1.37	.103	11	42	1.28	57	.13	<3	1.46	.07	.09	<2	4.7
5057	1	39	5	358	.6	13	10	673	2.53	6	<8	<2	6	40	1.3	<3	<3	65	1.34	.102	11	39	1.12	50	.12	<3	1.33	.07	.13	<2	1.4
STANDARD DS3	10	124	36	153	.6	36	12	803	3.11	33	8	<2	<2	27	6.0	7	7	76	.52	.094	17	192	.58	146	.08	<3	1.70	.04	.16	7	19.8

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE R150 60C AU* IGNITION BY ACID LEACHED, ANALYZE BY ICP-MS. (10 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 26 2001 **DATE REPORT MAILED:** Nov 1/01 **SIGNED BY** ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data ___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
5058	1	40	17	134	.7	15	11	759	2.65	7	<8	<2	7	43	1.3	<3	<3	67	1.46	.109	10	35	1.19	45	.13	<3	1.38	.07	.09	<2	2.6
5059	1	24	8	71	.5	14	10	597	2.52	7	<8	<2	8	43	.5	<3	<3	67	1.20	.100	11	44	1.07	51	.14	<3	1.22	.09	.10	<2	1.7
5060	1	28	15	196	.8	16	12	866	2.73	9	<8	<2	6	53	.9	<3	4	68	1.80	.097	11	37	1.36	35	.13	<3	1.54	.06	.09	<2	1.4
5061	3	20	91	255	.5	38	15	1541	3.18	6	<8	<2	6	46	2.4	<3	<3	77	1.71	.104	9	87	1.92	38	.13	<3	1.89	.05	.11	<2	1.3
5062	1	31	24	70	.6	13	9	416	2.35	8	<8	<2	4	52	.8	<3	5	67	1.08	.107	10	32	.89	41	.14	<3	1.05	.10	.09	<2	.3
5063	1	37	8	86	.6	17	12	477	2.55	7	<8	<2	4	51	.6	<3	<3	75	1.10	.113	9	35	.95	43	.14	4	1.22	.10	.09	<2	<.2
5064	5	25	156	231	.4	13	10	499	2.41	5	<8	<2	5	39	1.3	<3	<3	61	.98	.098	10	40	.98	48	.13	<3	1.16	.08	.10	<2	1.5
5065	8	23	163	460	.6	14	10	428	2.36	6	<8	<2	6	49	2.5	<3	<3	60	.85	.105	11	37	.96	40	.13	<3	1.12	.07	.09	<2	1.3
5066	3	32	158	214	.4	10	10	494	2.76	8	<8	<2	5	65	1.8	3	<3	84	1.56	.105	12	18	1.04	34	.18	4	1.16	.06	.10	<2	.6
5067	2	10	23	56	.4	2	1	416	1.23	4	<8	<2	<2	22	.9	<3	<3	12	.95	.011	30	30	.19	55	.04	<3	.43	.05	.19	3	.7
5068	1	27	8	104	.5	17	12	707	2.77	6	<8	<2	8	53	1.0	<3	<3	71	1.74	.102	13	41	1.27	44	.15	3	1.34	.07	.10	<2	.6
RE 5068	2	26	9	104	.6	16	13	728	2.85	6	<8	<2	7	54	.9	<3	<3	72	1.78	.105	13	41	1.30	44	.15	<3	1.38	.07	.10	<2	.8
RRE 5068	1	27	8	103	.4	17	13	717	2.84	6	<8	<2	7	51	1.0	<3	<3	70	1.73	.104	13	33	1.29	41	.14	<3	1.32	.06	.10	<2	.4
5069	2	11	21	73	.5	1	1	425	1.21	2	<8	<2	<2	15	.7	<3	<3	4	.74	.004	35	6	.08	31	.02	<3	.34	.07	.14	4	<.2
5070	2	44	14	238	.8	17	12	824	2.67	6	<8	<2	5	59	1.6	<3	<3	69	1.36	.116	12	46	1.31	41	.15	<3	1.45	.08	.11	<2	1.5
5071	1	34	7	171	.4	16	11	657	2.65	4	<8	<2	8	44	.9	<3	<3	68	1.38	.101	11	44	1.15	45	.13	<3	1.34	.08	.11	<2	.3
5072	1	30	7	87	.3	13	12	578	2.74	7	<8	<2	5	54	.5	<3	<3	73	1.48	.108	11	32	1.12	39	.13	<3	1.26	.08	.09	<2	.7
5073	1	39	15	304	.4	13	12	641	2.50	6	<8	<2	7	80	1.5	<3	<3	62	1.64	.104	12	38	1.14	44	.15	<3	1.28	.07	.10	<2	<.2
5074	2	17	6	208	<.3	16	11	753	2.58	3	<8	<2	8	74	.9	<3	<3	64	1.82	.101	13	39	1.16	54	.16	<3	1.32	.08	.15	<2	.4
5075	3	53	109	143	2.3	<1	1	561	1.31	2	9	<2	<2	45	.9	<3	<3	15	1.46	.007	40	11	.11	16	.02	<3	.37	.09	.09	5	3.1
5076	2	17	23	66	.5	2	<1	354	1.02	<2	<8	<2	<2	15	.7	<3	<3	5	.57	.003	32	27	.07	31	.01	<3	.32	.07	.13	5	.5
5077	1	40	9	305	.4	19	14	1195	3.30	6	<8	<2	5	65	1.8	<3	<3	78	2.25	.104	11	49	1.69	37	.13	3	1.85	.05	.08	<2	1.7
5078	1	38	16	677	.6	17	15	1393	3.56	9	10	<2	6	49	2.7	<3	<3	81	2.34	.101	12	42	1.60	41	.13	<3	2.05	.05	.14	<2	.7
5079	1	58	8	617	.9	16	13	1052	3.07	5	<8	<2	9	45	2.5	<3	<3	75	1.85	.099	10	38	1.41	40	.14	<3	1.68	.06	.11	5	.8
5080	1	46	13	275	.8	17	13	1015	3.09	7	9	<2	7	60	1.3	<3	<3	79	1.94	.103	10	37	1.44	41	.14	<3	1.75	.06	.10	3	.8
RE 5080	<1	46	13	271	.7	16	13	987	3.04	5	<8	<2	7	60	1.3	<3	<3	79	1.91	.100	10	37	1.42	41	.14	<3	1.74	.07	.10	5	.8
RRE 5080	1	45	13	264	.6	16	13	987	3.01	7	<8	<2	6	60	1.4	<3	<3	77	1.90	.099	9	34	1.40	39	.14	<3	1.72	.07	.09	2	.5
5081	1	19	6	144	.3	14	11	627	2.64	6	<8	<2	6	49	.8	<3	<3	67	1.28	.102	12	28	1.07	43	.13	<3	1.33	.07	.08	<2	.5
5082	1	16	13	323	.3	16	12	904	2.87	5	<8	<2	7	49	1.1	<3	<3	73	1.62	.098	10	44	1.30	52	.14	<3	1.58	.08	.10	10	<.2
5083	1	38	10	134	.4	14	12	819	2.78	8	<8	<2	7	55	.6	<3	<3	72	1.51	.100	11	37	1.27	47	.14	<3	1.53	.08	.09	<2	.6
5084	1	26	12	354	.5	18	14	1132	3.08	9	9	<2	7	52	1.3	3	3	77	1.97	.099	10	44	1.49	51	.15	<3	1.79	.07	.10	4	.9
5085	1	22	9	131	.4	13	11	684	2.67	3	<8	<2	9	46	.7	<3	<3	73	1.32	.102	10	30	1.06	55	.13	<3	1.32	.08	.09	<2	.7
5086	1	21	9	149	.5	15	11	730	2.59	5	<8	<2	9	55	.7	3	<3	70	1.45	.104	11	41	1.11	60	.14	<3	1.41	.09	.08	<2	.4
5087	1	19	7	51	.4	13	10	487	2.67	14	<8	<2	8	61	.5	<3	<3	74	1.24	.108	12	40	.93	62	.15	<3	1.31	.09	.10	<2	.4
STANDARD DS3	10	126	35	160	.5	37	12	824	3.22	30	10	<2	<2	27	5.7	6	7	77	.54	.095	18	189	.61	148	.08	<3	1.76	.03	.17	3	20.7

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

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

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
5088	<1	18	15	81	<.3	13	9	525	2.43	13	<8	<2	4	55	.2	<3	<3	68	1.19	.103	10	33	1.03	46	.14	6	1.22	.08	.08	<2	2.0
5089	<1	88	18	172	1.0	14	11	769	2.59	11	<8	<2	5	50	.6	<3	<3	70	1.58	.097	9	34	1.21	43	.14	<3	1.37	.07	.09	<2	2.8
5090	49	1767	22155	18097	186.5	1920	41	886	6.38	34489	<8	8	2	21	472.8	868	41	22	.43	.009	4	2863	.16	39	.01	<3	.50	<.01	.18	<2	9044.7
5091	2	16	8	44	.3	25	6	342	1.72	10	<8	<2	<2	38	.2	<3	<3	49	.73	.045	3	58	.70	77	.11	4	1.24	.11	.14	<2	1.6
5092	1	126	28	247	1.7	15	12	940	2.84	7	<8	<2	4	53	1.6	<3	<3	73	1.69	.097	8	27	1.41	40	.13	<3	1.62	.05	.09	<2	3.8
5093	1	30	11	159	.5	14	9	650	2.49	16	<8	<2	5	49	.8	<3	<3	65	1.24	.097	10	42	1.05	51	.14	<3	1.30	.07	.09	<2	1.0
5094	1	40	11	79	.5	14	10	570	2.49	16	<8	<2	5	55	.2	<3	3	70	1.27	.099	10	38	1.03	49	.15	<3	1.18	.07	.08	<2	1.3
5095	<1	38	9	65	.5	17	9	569	2.57	16	<8	<2	4	51	<.2	<3	<3	74	1.40	.100	11	41	1.01	58	.15	<3	1.15	.09	.09	<2	4.2
5096	<1	37	10	65	.6	13	9	508	2.54	8	<8	<2	5	45	.2	<3	<3	75	1.16	.109	10	26	.86	65	.14	<3	1.09	.08	.08	<2	2.5
5097	1	29	3	36	.3	12	9	451	2.40	5	<8	<2	5	40	.4	<3	<3	70	1.05	.100	10	36	.79	86	.13	<3	.91	.08	.09	<2	1.6
5098	2	64	20	84	2.6	15	12	677	2.87	136	8	<2	<2	104	1.4	3	<3	78	2.71	.076	17	41	1.16	255	.02	<3	2.74	.20	.54	<2	119.6
5099	1	15	5	47	.3	14	10	744	2.53	7	<8	<2	5	53	<.2	<3	<3	74	1.71	.097	11	40	1.11	75	.14	<3	1.15	.07	.10	<2	.5
5100	1	18	8	49	.4	16	11	897	2.86	27	<8	<2	4	64	<.2	3	<3	81	2.11	.101	12	39	1.16	64	.12	<3	1.27	.06	.10	<2	1.8
RE 5100	1	18	<3	49	.4	17	11	919	2.93	27	<8	<2	4	66	<.2	<3	<3	84	2.17	.103	12	39	1.19	67	.12	<3	1.30	.06	.10	<2	1.2
RRE 5100	1	17	5	49	.4	16	11	884	2.84	26	<8	<2	5	63	<.2	<3	<3	80	2.10	.100	12	39	1.16	63	.11	<3	1.25	.05	.10	<2	1.4
5101	1	78	23	208	1.4	15	12	980	2.74	8	<8	<2	5	53	1.0	<3	<3	77	1.85	.099	10	44	1.25	61	.12	<3	1.34	.07	.11	3	3.4
5102	1	115	99	778	2.6	54	16	1930	3.83	18	<8	<2	3	58	9.1	<3	<3	96	2.54	.097	10	109	2.31	43	.12	<3	2.16	.03	.13	<2	14.1
5103	<1	153	67	600	3.3	37	13	1981	3.23	21	<8	<2	5	34	7.4	3	<3	69	1.56	.088	10	71	2.06	44	.05	<3	2.10	.03	.18	<2	8.0
5104	1	57	42	333	1.4	21	12	1816	3.21	19	<8	<2	4	55	2.8	<3	<3	63	2.09	.095	9	32	1.85	35	.08	<3	1.97	.03	.13	<2	8.5
5105	<1	628	90	1161	11.7	19	14	2093	3.97	14	<8	<2	5	52	13.8	<3	<3	81	1.75	.096	8	30	1.98	52	.11	<3	2.27	.05	.14	<2	12.7
5106	<1	266	82	1591	5.7	18	13	2218	3.41	19	<8	<2	5	46	20.0	4	<3	69	2.23	.096	11	32	1.53	45	.09	<3	2.03	.04	.17	<2	6.1
5107	12	574	821	5464	24.8	93	20	4976	7.38	579	<8	<2	2	20	88.5	4	6	112	1.62	.096	8	210	3.19	50	.03	<3	3.83	.01	.23	<2	251.4
5108	2	15	40	173	.9	23	15	1421	2.99	16	<8	<2	3	72	1.6	<3	<3	69	2.09	.105	12	47	1.96	42	.06	<3	1.91	.05	.11	<2	2.7
5109	3	7	71	193	.7	16	12	1637	2.58	24	<8	<2	2	50	1.4	3	<3	51	1.77	.102	13	32	1.40	71	.04	<3	1.83	.04	.29	<2	19.1
5110	3	5	23	141	.5	23	13	1991	3.05	9	<8	<2	3	53	.3	3	<3	63	2.06	.096	10	38	1.57	78	.11	<3	2.05	.05	.25	<2	.9
5111	5	5	37	147	.6	18	11	1598	2.63	6	<8	<2	2	57	1.0	3	<3	57	1.99	.103	10	37	1.60	76	.13	<3	1.86	.04	.13	<2	1.1
5112	7	29	508	529	1.6	18	14	1828	3.15	15	<8	<2	<2	64	5.7	7	<3	62	2.49	.134	9	33	1.93	115	.13	<3	2.27	.05	.27	<2	5.4
5113	1	17	11	81	.4	22	16	1234	3.26	18	<8	<2	<2	75	.2	3	<3	73	2.03	.132	10	39	2.03	67	.14	<3	1.94	.05	.10	<2	3.3
5114	1	20	4	66	.3	21	18	1014	2.90	21	<8	<2	2	84	<.2	<3	<3	74	1.73	.108	9	37	1.98	62	.12	<3	1.84	.05	.09	<2	1.7
STANDARD DS3	9	120	37	153	.5	36	11	789	3.07	32	<8	<2	<2	27	5.6	7	5	76	.54	.093	16	189	.58	141	.08	3	1.67	.04	.16	3	22.0

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

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

Data A FA ____

[redacted] (ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103807R

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Ag** gm/mt	Au** gm/mt
5040	1510.3	9.92
5090	1507.9	9.28
RE 5090	1490.3	10.37

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: CORE PULP
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: NOV 1 2001 **DATE REPORT MAILED:** Nov 7/01 **SIGNED BY** .....D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

[redacted]CME [redacted]LYT [redacted] LA [redacted]TOR [redacted] LT [redacted] [redacted] E. [redacted]TIN [redacted]T. [redacted]OUV [redacted]C [redacted] 1R [redacted] P [redacted](60[redacted]53-3[redacted] FA [redacted]4) 2[redacted]716[redacted]

(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103831 Page 1

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
SI	1	1	<3	3	<.3	<1	<1	5	.04	7	<8	<2	<2	3	<.2	<3	<3	2	.14	<.001	<1	6	.01	5	<.01	<3	.01	.60	<.01	<2	22.4
1843	4	2	23	60	.4	2	<1	600	1.42	9	<8	<2	<2	77	<.2	5	<3	2	.72	.011	38	35	.05	109	<.01	<3	.32	.08	.24	<2	16.5
1844	5	5	16	71	.8	<1	<1	1500	2.67	24	<8	<2	<2	143	.4	8	<3	2	1.26	.027	27	20	.13	190	<.01	<3	.50	.09	.20	<2	33.5
1845	2	78	30	60	.4	15	12	654	2.48	6	<8	<2	<2	134	.5	9	<3	29	2.85	.102	12	37	.99	324	<.01	<3	1.43	.04	.43	<2	8.7
1846	2	63	37	44	<.3	18	11	544	2.04	6	<8	<2	<2	119	.8	7	<3	25	2.50	.073	8	42	.93	287	<.01	3	1.17	.05	.32	<2	5.9
1847	2	77	35	93	<.3	51	23	898	4.03	8	<8	<2	<2	168	1.2	<3	<3	69	3.32	.143	14	83	2.44	586	.01	4	2.61	.08	.30	<2	4.3
1848	6	15	17	8	<.3	3	5	183	1.21	<2	<8	<2	<2	97	.2	<3	<3	5	1.24	.027	6	8	.14	154	<.01	<3	.32	.07	.23	<2	3.9
1849	5	8	23	10	<.3	2	3	258	1.06	5	<8	<2	<2	106	<.2	<3	<3	3	1.25	.025	4	9	.12	191	<.01	<3	.37	.05	.28	<2	4.5
1850	3	4	17	15	<.3	2	3	226	1.07	3	<8	<2	<2	135	.9	<3	<3	6	2.10	.026	4	7	.11	175	<.01	<3	.45	.06	.30	<2	4.7
5115	3	19	13	84	.4	18	16	1303	2.98	12	<8	<2	4	103	.4	<3	<3	77	2.23	.112	10	39	1.94	85	.17	4	1.94	.10	.12	2	2.4
5116	3	27	4	63	.3	23	14	728	2.49	8	<8	<2	3	103	.3	<3	<3	61	1.52	.111	9	41	1.71	66	.18	<3	1.71	.10	.07	2	.9
RE 5116	3	24	3	62	.3	22	14	714	2.44	9	<8	<2	3	101	.4	<3	<3	61	1.47	.108	9	42	1.63	67	.17	<3	1.67	.11	.09	<2	.5
RRE 5116	3	26	<3	64	.3	24	15	754	2.58	9	<8	<2	3	107	.3	<3	4	64	1.56	.115	10	45	1.85	69	.18	<3	1.78	.11	.10	2	.3
5117	2	32	7	118	<.3	90	23	1016	3.50	14	<8	<2	2	88	.9	<3	<3	79	1.68	.105	7	162	2.99	99	.16	<3	2.63	.12	.09	<2	.6
5118	3	33	5	80	<.3	33	14	763	2.34	9	<8	<2	6	69	.9	<3	<3	56	1.70	.077	10	67	1.84	77	.13	<3	1.65	.11	.11	2	.3
5119	2	9	6	83	<.3	5	7	644	1.54	7	<8	<2	10	72	.7	<3	<3	33	1.00	.041	11	16	.93	76	.08	<3	1.37	.10	.15	2	<.2
5120	1	23	52	223	1.2	31	16	1313	2.47	12	<8	<2	9	65	2.0	<3	<3	48	1.68	.058	10	81	1.68	74	.05	<3	2.03	.08	.23	<2	4.6
5121	2	6	9	57	<.3	4	9	817	2.06	4	<8	<2	9	60	.2	<3	<3	52	1.28	.052	11	36	1.14	89	.09	5	1.52	.12	.19	<2	.4
5122	7	12	4	43	<.3	5	8	634	2.14	2	<8	<2	12	58	<.2	<3	<3	63	1.21	.050	11	40	.98	103	.12	<3	1.16	.09	.15	2	1.1
5123	18	9	10	58	<.3	4	9	956	2.17	5	<8	<2	9	69	.3	<3	<3	61	1.62	.054	10	34	1.09	81	.10	3	1.44	.10	.18	<2	.4
5124	1	27	10	73	.3	40	14	1083	2.74	7	<8	<2	7	81	.4	<3	<3	78	1.66	.065	7	71	1.92	97	.15	<3	1.83	.11	.15	2	1.1
5125	3	26	7	43	<.3	5	9	710	2.22	6	<8	<2	12	84	<.2	<3	<3	62	1.45	.055	12	15	1.01	88	.10	<3	1.31	.11	.16	3	.5
5126	1	33	5	46	.3	5	10	754	2.22	6	<8	<2	12	82	.2	<3	<3	63	1.54	.053	11	52	1.04	93	.12	<3	1.41	.13	.20	<2	1.0
5127	2	34	7	61	.5	5	9	885	2.26	6	<8	<2	12	93	.2	<3	3	61	1.73	.054	13	36	1.16	87	.11	<3	1.61	.12	.21	<2	2.0
5128	2	47	12	86	.6	13	13	1163	2.87	6	<8	<2	9	93	.5	<3	3	72	1.74	.077	9	24	1.58	82	.14	<3	1.93	.11	.17	2	1.1
RE 5128	1	47	12	83	.5	14	13	1156	2.82	6	<8	<2	7	91	.5	<3	4	70	1.70	.075	9	23	1.56	82	.13	<3	1.91	.12	.18	<2	1.1
RRE 5128	1	54	9	86	.7	14	13	1183	2.92	8	<8	<2	9	95	.5	<3	<3	74	1.79	.077	9	26	1.60	76	.14	<3	1.94	.10	.16	2	1.3
5129	5	151	77	110	2.2	5	10	985	2.07	6	<8	<2	8	88	1.2	<3	3	48	1.50	.053	13	15	1.04	69	.09	4	1.54	.10	.19	5	2.7
5130	3	73	114	201	2.4	7	10	1355	2.40	8	<8	<2	6	81	2.5	<3	<3	48	1.80	.058	10	14	1.14	61	.07	4	1.71	.08	.21	<2	3.4
5131	3	104	472	2085	4.9	14	12	1758	3.14	15	<8	<2	8	65	28.8	<3	4	66	1.85	.090	12	41	1.40	108	.11	4	1.94	.08	.22	<2	130.5
5132	7	18	60	165	1.0	32	21	2113	4.42	14	<8	<2	3	96	1.3	<3	4	104	2.95	.171	9	46	2.43	81	.19	<3	2.59	.08	.18	<2	4.6
5133	3	9	22	212	.3	37	17	2202	4.58	12	<8	<2	3	78	1.7	<3	<3	102	2.64	.169	9	48	2.64	110	.18	4	2.81	.07	.50	<2	2.0
5134	83	10	64	136	1.4	6	7	1371	2.21	7	<8	<2	11	61	.7	<3	<3	40	1.53	.056	14	15	1.09	91	.06	<3	1.70	.07	.27	2	4.5
5135	3	10	41	120	.9	5	7	1333	2.05	7	<8	<2	12	81	.9	<3	4	38	1.87	.051	15	40	.99	124	.04	<3	1.74	.10	.32	<2	3.5
STANDARD DS3	10	127	33	157	.4	36	12	815	3.23	31	<8	<2	2	28	5.9	4	6	82	.55	.096	18	189	.61	152	.08	<3	1.77	.04	.17	3	19.6

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE R150 60C AU* IGNITION BY ACID LEACHED, ANALYZE BY ICP-MS. (10 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 29 2001 **DATE REPORT MAILED:** Nov 2/01 **SIGNED BY** ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data A FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
5136	2	12	85	195	1.1	2	8	1284	1.26	7	<8	<2	9	71	2.5	<3	<3	18	2.25	.028	14	25	.57	126	<.01	<3	1.11	.08	.38	<2	18.9
5137	1	10	14	85	1.0	5	7	1516	2.18	7	<8	<2	11	108	.4	4	<3	35	2.32	.057	14	29	.98	158	.04	<3	1.66	.08	.37	2	26.8
5138	2	9	18	97	.9	5	8	1652	1.98	9	<8	<2	11	77	.5	<3	<3	31	2.46	.054	21	8	.95	125	.01	3	1.46	.06	.37	7	2.1
5139	3	6	51	238	1.5	5	9	1608	1.84	9	<8	<2	8	84	2.3	<3	<3	27	2.68	.051	22	12	.91	121	.01	<3	1.59	.04	.55	2	13.5
5140	5	10	295	840	5.6	101	24	3688	4.48	29	<8	<2	2	131	11.5	3	6	73	4.60	.102	11	164	2.73	106	.01	<3	3.10	.01	.49	<2	19.5
5141	10	6	134	169	1.9	3	1	518	.33	8	<8	<2	8	46	4.6	<3	3	4	.65	.006	7	29	.03	52	<.01	<3	.45	<.01	.41	<2	14.8
5142	47	34	128	469	3.2	11	10	2891	2.70	22	<8	<2	7	173	8.8	<3	<3	9	2.64	.064	14	6	.73	62	<.01	<3	.94	.01	.41	2	19.5
5143	13	8	61	77	1.2	24	5	1744	1.04	11	<8	<2	2	139	1.3	<3	<3	6	1.94	.025	14	12	.42	66	<.01	<3	.53	.01	.41	2	14.2
5144	8	10	170	199	2.2	4	2	1023	.64	16	<8	<2	3	103	4.7	<3	<3	5	1.38	.014	14	22	.14	95	<.01	<3	.46	.01	.43	<2	74.2
5145	4	10	41	79	1.8	7	8	1960	2.06	16	<8	<2	5	253	1.0	<3	<3	12	2.95	.072	17	24	.65	206	.01	<3	.80	.02	.57	<2	36.7
5146	3	17	9	106	.7	1	9	1586	4.26	<2	<8	<2	<2	307	1.0	<3	<3	17	3.56	.235	25	2	.62	282	.01	<3	1.02	.03	.57	<2	2.4
RE 5146	3	17	9	107	.9	1	9	1587	4.26	2	<8	<2	<2	308	.9	<3	<3	18	3.56	.237	26	2	.62	285	.01	<3	1.02	.03	.56	<2	2.3
RRE 5146	3	17	6	110	.6	1	9	1593	4.31	2	<8	<2	<2	305	.8	<3	<3	20	3.55	.237	27	3	.63	278	.01	3	1.15	.04	.64	<2	1.3
5147	4	15	6	97	.6	<1	10	1376	4.59	13	<8	<2	<2	300	.9	<3	<3	54	3.83	.228	25	9	.72	164	.03	<3	1.88	.08	.56	2	2.8
5148	8	6	82	151	1.4	2	1	786	.71	19	<8	<2	3	97	4.0	<3	<3	4	1.29	.016	18	35	.10	103	<.01	3	.50	.03	.42	<2	111.4
5149	57	2106	20037	20435	350.4	2119	49	1019	7.31	36202	<8	10	3	23	522.6	1040	50	25	.49	.010	5	3205	.19	42	<.01	<3	.57	.01	.22	<2	9489.9
5150	2	18	3	41	<.3	24	7	381	1.84	8	<8	<2	<2	46	.2	<3	<3	56	.82	.051	5	61	.77	86	.12	4	1.32	.13	.18	<2	2.8
5151	5	6	68	72	1.3	2	1	544	.59	17	<8	<2	3	69	1.8	3	<3	3	.82	.011	18	5	.09	74	.01	8	.45	.02	.40	2	48.0
5152	8	67	31	55	4.2	4	8	2030	2.04	19	<8	<2	5	227	.8	<3	<3	8	3.38	.047	16	5	.84	109	<.01	3	.73	.02	.53	2	17.0
5153	30	52	200	413	14.9	7	11	5303	2.52	167	<8	<2	6	176	7.1	4	<3	10	3.73	.060	9	34	.95	92	.01	6	.59	.01	.47	<2	388.2
5154	2	17	22	47	1.3	4	12	1234	2.44	20	<8	<2	7	197	.4	3	<3	20	2.88	.070	16	20	.82	162	<.01	3	.91	.03	.50	2	12.0
5155	3	11	34	71	10.4	4	12	2020	2.64	318	<8	<2	7	203	.5	4	<3	26	3.33	.067	15	6	.97	126	<.01	3	1.24	.04	.49	<2	633.9
5156	3	7	20	98	.8	6	10	2803	2.36	123	<8	<2	8	157	.9	<3	<3	26	3.19	.064	16	7	.93	132	.01	4	1.34	.04	.49	6	120.4
5157	1	25	9	53	1.2	7	12	1247	2.67	14	<8	<2	6	169	.6	4	<3	45	3.28	.065	17	28	1.08	295	.01	3	1.66	.07	.47	<2	14.6
5158	2	9	9	56	.8	5	12	1111	2.70	10	<8	<2	5	156	.4	<3	<3	50	3.28	.067	19	26	1.15	298	<.01	3	1.57	.06	.36	<2	9.8
RE 5158	2	9	6	55	.8	5	12	1070	2.59	9	<8	<2	6	151	.5	<3	<3	48	3.15	.065	17	26	1.10	293	.01	<3	1.53	.07	.36	<2	7.3
RRE 5158	2	9	6	57	.7	5	12	1124	2.75	10	<8	<2	6	157	.5	<3	<3	51	3.29	.067	19	14	1.15	295	.01	<3	1.61	.06	.36	<2	7.1
5159	2	8	<3	48	<.3	5	13	918	2.71	5	<8	<2	6	141	.5	<3	<3	68	2.52	.065	16	13	1.20	358	.02	4	1.39	.09	.24	4	4.3
5160	2	7	7	55	.6	5	12	1294	2.85	24	<8	<2	6	167	.5	<3	<3	65	2.84	.068	16	31	1.18	371	.01	<3	1.55	.08	.32	2	35.3
5161	4	77	5	100	1.0	12	23	1583	4.45	20	<8	<2	<2	254	1.0	<3	<3	81	5.78	.091	12	35	2.29	544	.01	8	2.57	.04	.42	<2	8.1
5162	1	4	5	52	.4	7	12	980	2.65	6	<8	<2	6	174	.4	<3	<3	53	3.31	.068	20	31	1.22	398	.01	5	1.62	.07	.37	<2	3.1
5163	2	4	5	49	.3	5	12	1039	2.67	6	<8	<2	5	187	.4	<3	<3	46	3.59	.066	20	23	1.16	343	<.01	3	1.64	.05	.41	2	2.5
5164	1	4	7	52	.3	6	12	1149	2.67	7	<8	<2	6	153	.4	<3	<3	40	3.50	.069	16	27	1.15	499	.01	3	1.65	.06	.40	<2	11.1
5165	3	10	5	53	.3	5	12	1010	2.61	5	<8	<2	6	129	.4	<3	<3	56	2.83	.066	18	26	1.23	443	<.01	3	1.54	.07	.29	<2	2.3
STANDARD DS3	10	131	36	162	.6	37	13	875	3.26	32	<8	<2	<2	30	6.0	5	7	86	.59	.104	18	195	.65	149	.09	<3	1.72	.05	.19	3	22.8

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

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

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
5166	2	13	8	47	.4	4	11	1107	2.37	19	<8	<2	10	101	.3	<3	<3	52	2.49	.060	13	25	1.00	270	.03	<3	1.11	.05	.22	<2	29.3
5167	2	16	50	70	1.7	5	12	1569	2.71	30	<8	<2	9	104	.6	<3	4	49	3.13	.062	12	32	1.13	274	.01	<3	1.38	.04	.33	2	84.5
5168	2	8	4	49	<.3	5	12	1017	2.75	4	<8	<2	10	81	.3	<3	5	67	2.50	.063	14	12	1.20	219	.02	<3	1.27	.06	.18	<2	5.7
5169	2	8	5	45	<.3	5	11	818	2.66	<2	<8	<2	10	88	.2	<3	4	73	2.21	.064	13	12	1.18	225	.08	3	1.18	.07	.13	<2	.9
5170	2	6	11	48	.7	5	12	1093	2.57	7	<8	<2	8	112	.4	<3	4	58	2.79	.061	12	22	1.13	358	.06	<3	1.21	.07	.12	<2	7.3
5171	1	8	5	49	<.3	5	10	925	2.56	2	<8	<2	10	99	.2	<3	<3	67	2.27	.062	13	27	1.09	233	.08	<3	1.22	.07	.20	2	1.1
5172	2	4	12	54	.4	5	12	1377	2.58	33	<8	<2	10	84	.3	<3	<3	48	2.79	.063	13	9	1.08	109	.03	<3	1.33	.04	.34	2	13.4
5173	3	10	15	48	.6	5	11	1081	2.56	13	<8	<2	11	85	<.2	<3	3	59	2.43	.064	12	13	1.14	252	.05	<3	1.27	.05	.24	3	9.3
5174	3	9	7	35	<.3	5	10	718	2.56	4	<8	<2	11	130	.2	<3	3	81	1.61	.062	12	30	1.06	300	.11	<3	1.09	.08	.11	2	2.5
RE 5174	2	9	6	36	<.3	5	11	746	2.66	<2	<8	<2	11	136	.4	<3	9	84	1.67	.064	12	32	1.10	316	.12	<3	1.13	.09	.11	2	2.7
RRE 5174	2	10	<3	36	<.3	5	10	738	2.66	2	<8	<2	10	134	.4	<3	<3	86	1.64	.064	13	40	1.08	304	.12	<3	1.13	.09	.12	2	1.9
5175	2	47	26	60	2.0	6	12	1070	2.97	19	<8	<2	10	87	.4	<3	3	82	2.28	.066	13	35	1.28	143	.10	3	1.37	.08	.17	2	13.5
5176	2	9	130	142	7.7	6	12	959	2.95	15	<8	<2	11	64	1.9	<3	<3	79	2.27	.063	13	27	1.30	67	.05	<3	1.39	.07	.16	3	60.7
5177	2	14	76	96	2.5	5	11	780	2.75	8	8	<2	10	62	1.2	3	4	71	1.93	.064	11	15	1.22	60	.09	<3	1.32	.07	.15	3	35.9
5178	3	15	3	31	<.3	5	9	531	2.49	<2	<8	<2	10	51	.3	<3	<3	79	1.13	.065	12	17	.88	58	.14	5	.94	.09	.10	2	1.0
5179	3	10	5	32	<.3	8	9	519	2.51	<2	<8	<2	10	56	.2	<3	4	80	1.03	.071	12	29	.92	67	.14	<3	.97	.11	.09	3	.4
5180	59	2257	30546	24670	237.4	2216	48	1288	8.60	37440	<8	6	<2	24	594.7	1109	12	40	.53	.012	7	2185	.20	44	<.01	<3	.65	<.01	.22	478	9045.4
5181	2	19	5	40	<.3	23	6	358	1.87	4	<8	<2	<2	41	<.2	<3	3	52	.81	.049	6	56	.73	81	.12	5	1.18	.12	.15	<2	1.8
5616	6	16	55	28	.4	9	21	464	4.66	8	<8	<2	3	41	.2	<3	5	12	.29	.108	10	2	.20	42	<.01	<3	.65	.05	.29	<2	.2
5617	10	26	107	135	.3	16	17	2037	5.47	11	<8	<2	2	102	<.2	<3	<3	24	.41	.081	6	14	1.30	109	<.01	<3	1.10	.09	.28	4	2.4
5618	5	68	83	49	<.3	11	27	435	4.66	13	<8	<2	<2	109	<.2	<3	<3	15	.29	.095	5	8	.36	45	<.01	<3	1.10	.10	.27	<2	3.7
5619	3	26	11	30	<.3	9	23	119	5.34	28	<8	<2	<2	69	<.2	3	4	17	.26	.106	5	10	.15	29	<.01	<3	.88	.06	.24	<2	2.5
5620	3	8	113	242	4.7	3	1	946	2.60	376	<8	<2	4	51	2.0	8	<3	3	.64	.030	23	6	.13	139	<.01	<3	.75	.06	.20	5	216.9
5621	14	9	112	197	5.4	2	1	1368	3.21	162	<8	<2	3	45	1.8	9	<3	3	.45	.032	23	5	.19	176	<.01	<3	1.07	.07	.19	4	34.9
5622	2	3	17	42	.4	3	3	1380	1.06	7	<8	<2	3	76	.4	3	<3	5	1.17	.041	10	27	.24	346	<.01	<3	.44	.04	.29	2	2.3
5623	3	17	31	86	.7	15	10	955	2.10	10	<8	<2	<2	143	.5	10	<3	19	2.59	.084	11	32	.61	200	<.01	4	1.04	.05	.36	4	6.4
5624	4	13	14	26	.5	3	4	557	1.08	4	<8	<2	2	118	.2	6	<3	6	2.17	.043	8	22	.16	176	<.01	<3	.44	.05	.29	<2	40.4
5625	2	16	23	48	.6	4	3	1008	1.29	8	<8	<2	<2	112	.6	6	<3	4	1.85	.039	8	26	.29	161	<.01	<3	.37	.05	.29	2	31.5
STANDARD DS3	10	133	36	160	.3	35	13	872	3.38	31	<8	<2	4	30	5.9	4	6	84	.58	.100	21	187	.64	148	.09	<3	1.69	.04	.18	4	21.7

Sample type: CORE R150 60C. 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

[redacted]CME[redacted]LYT[redacted] LA[redacted]ATO[redacted] LT[redacted] [redacted] E. [redacted]TIN[redacted]T. [redacted]OUV[redacted]BC [redacted] 1R[redacted] P[redacted](60[redacted]53-[redacted] FA[redacted]4)2[redacted]716[redacted]
(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103831R

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Ag** gm/mt	Au** gm/mt
5149	1476.4	9.84
5180	1495.3	9.82
RE 5180	1470.6	9.77

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: CORE PULP
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: NOV 5 2001 **DATE REPORT MAILED:** Nov 7/01 **SIGNED BY:** C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data ___ FA ___

[redacted] LTD. [redacted] INC. [redacted] DUV[redacted] C [redacted] 1R6 [redacted] PH [redacted] (60[redacted] 3-3[redacted] FAX [redacted]) 25[redacted] 716 [redacted]

(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56A File # A103831R2

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Ag** gm/mt	Au** gm/mt
5155	9.2	.58

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: CORE PULP

DATE RECEIVED: NOV 9 2001 **DATE REPORT MAILED:** Nov 16/01 **SIGNED BY.** C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data FA

APPENDIX III

CERTIFICATES OF ANALYSIS

c. Analytical Check Samples

BONDAR CLEGG

Geochemical Lab Report

REPORT: V01-02401.0 (COMPLETE) REFERENCE: CP56A

CLIENT: CME CONSULTING LTD. SUBMITTED BY: ACME LAB

PROJECT: SKUKUM DATE RECEIVED: 04-DEC-01 DATE PRINTED: 9-JAN-02

DATE APPROVED	ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
011207	1	AuGrav Au - FA10/11	6	0.17 GMT	FIRE ASSAY	GRAVIMETRIC
011207	2	AgGrav Ag - FA10A/11	6	1.7 GMT	FIRE ASSAY	FIRE ASSAY-GRAV

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
P PREPARED PULP	6	4 AS RECEIVED	6	AS RECEIVED	6

REPORT COPIES TO: 2130 - 21331 GORDON WAY INVOICE TO: 2130 - 21331 GORDON WAY

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Bondar Clegg Canada Limited
130 Pemberton Avenue, North Vancouver, BC, V7P 2R5, Canada
Tel: (604) 985-0681, Fax: (604) 985-1071

BONDAR CLEGG

Geochemical Lab Report

CLIENT: CME CONSULTING LTD. PROJECT: SKUKUM

REPORT: V01-02401.0 (COMPLETE) DATE RECEIVED: 04-DEC-01 DATE PRINTED: 9-JAN-02

SAMPLE NUMBER	ELEMENT UNITS	AuGrav GMT	AgGrav GMT
P4 01647		14.26	30.9
P4 04434		4.73	330.5
P4 04700		<0.17	21.3
P4 04963		41.86	241.1
P4 05149		11.39	1488.9
P4 05505		2.07	147.7

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CLIENT: CME CONSULTING LTD. PROJECT: SKUKUM

REPORT: V01-02401.0 (COMPLETE) DATE RECEIVED: 04-DEC-01 DATE PRINTED: 9-JAN-02 PAGE 2 OF 3

STANDARD NAME	ELEMENT UNITS	AuGrav GMT	AgGrav GMT
HX12 Oxide		6.42	10.2
Number of Analyses		1	1
Mean Value		6.420	10.20
Standard Deviation		-	-
Accepted Value		6.60	10.4

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BONDAR CLEGG

Geochemical Lab Report

CLIENT: CME CONSULTING LTD. PROJECT: SKUKUM

REPORT: V01-02401.0 (COMPLETE) DATE RECEIVED: 04-DEC-01 DATE PRINTED: 9-JAN-02

SAMPLE NUMBER	ELEMENT UNITS	AuGrav GMT	AgGrav GMT
05505		2.07	147.7
Duplicate		2.41	153.1

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BONDAR CLEGG

Geochemical Lab Report

REPORT: V01-02402.0 (COMPLETE) REFERENCE: CP56A

CLIENT: CME CONSULTING LTD. SUBMITTED BY: ACME LAB

PROJECT: SKUKUM DATE RECEIVED: 03-DEC-01 DATE PRINTED: 14-DEC-01

DATE APPROVED	ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
011206	1	AuGrav Au - FA10/11	4	0.17 GMT	FIRE ASSAY	GRAVIMETRIC
011206	2	AgGrav Ag - FA10A/11	4	1.7 GMT	FIRE ASSAY	FIRE ASSAY-GRAV

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
R ROCK	4	2 -150	4	SAMPLE SPLITS	4
				PULVERIZATION	4

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Geochemical Lab Report

CLIENT: CME CONSULTING LTD. PROJECT: SKUKUM

REPORT: V01-02402.0 (COMPLETE) DATE RECEIVED: 03-DEC-01 DATE PRINTED: 14-DEC-01

SAMPLE NUMBER	ELEMENT UNITS	AuGrav GMT	AgGrav GMT
R2 01587		0.86	5.0
R2 04433		2.84	101.1
R2 04981		1.49	9.4
R2 05626		17.16	99.5

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CLIENT: CME CONSULTING LTD. PROJECT: SKUKUM

REPORT: V01-02402.0 (COMPLETE) DATE RECEIVED: 03-DEC-01 DATE PRINTED: 14-DEC-01 PAGE 2 OF 2

STANDARD NAME	ELEMENT UNITS	AuGrav GMT	AgGrav GMT
OX11 Oxide		2.96	23.8
Number of Analyses		1	1
Mean Value		2.960	23.80
Standard Deviation		-	-
Accepted Value		2.94	25.0

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BONDAR CLEGG

Vancouver BC, Canada

"URGENT & CONFIDENTIAL"

To: CME CONSULTING LTD. Our Fax No: (604) 985-0681
Attention : Your Fax No: 604-248-2996
Reference : CP56A Number of Pages : 2 including this page.
Submitter : ACME LAB

Report : V01-02401.1 Status : COMPLETE Total number of samples: 6

Element	Method	Totl	Element	Method	Totl	Element	Method	Totl
AuGrav	GRAVIMETRIC	6	AgGrav	FIRE ASSAY-GRAV	6			

Sample Preparations	Totl	Sample Type	Totl	Size Fraction	Totl	Remarks
SAMPLES FROM STORAGE	6	PREPARED PULP	6	AS RECEIVED	6	

Notes:

If you do not receive the entire transmission in legible form, please call us at (604) 985-0681.

BONDAR CLEGG

CLIENT: CMZ CONSULTING LTD. PROJECT: NONE GIVEN

REPORT: V01-02401.1 (COMPLETE) DATE RECEIVED: 31-MAY-02 DATE PRINTED: 11-JUN-02 PAGE 1 OF 1

SAMPLE NUMBER	ELEMENT UNITS	AuGrav GMT	AgGrav GMT
P4 01647		14.20	32.3
P4 04434		4.06	357.3
P4 04700		<0.17	1.9
P4 04963		39.86	227.1
P4 05149		9.81	1432.3
P4 05505		1.49	148.3

APPENDIX IV

SURFACE SAMPLE DESCRIPTIONS

SAMPLE NO.	AREA OR ZONE	DESCRIPTION	RESULTS	
			Au (ppb) (g/t)	Ag (ppm) (g/t)
901	King Canyon	Float; Gossanous fault/joint in granodiorite	734.9	8.8
902	Ridge Zone	Float; Very gossanous quartz-rhyolite breccia; pyrite, galena, tetrahedrite, unidentified blue-grey oxidized sulphide mineral; open cavities with intergrown quartz	10.9	140.9
903	King Canyon	Grab from outcrop; Granodiorite with stringer of epidote and bladed calcite	4.5	3.5
904	King Canyon	Grab from outcrop; Rhyolite dyke, sample taken from most gossanous area, numerous open cavities and oxidized sulphide veins (abundant limonite and hematite staining)	2.7	1.9
905	King Canyon	Grab from outcrop; "Denero Vein", 2cm quartz-calcite vein, with aspy(?)/galena, 048/80SE Taken at same site as 98DENMR-03	17.4	1.3
906	King Canyon	Grab from outcrop; Small 1-2cm quartz vein, discontinuous (may be a tension gash), similar mineralogy to sample 905	12.6	0.6
907	King Canyon	Float/subcrop; Very fine-grained rhyolite(?), 6cm wide, Mn-staining on surface	31.9	1.3
908	King Canyon	Grab from outcrop; White bull quartz with galena-tetrahedrite(?) vein, 1.5-2 cm wide 045/85SE, slightly vuggy	400.8	169.2
909	King Canyon	Grab from outcrop; Granodiorite with calcite-quartz veinlets. Veinlets show inclusions of wall rock (chloritized granodiorite), minor Mn-staining in surfaces.	4.8	1.7
910	King Canyon	Grab from outcrop; Rhyolite or rhyodacite dyke, very fine-grained, tan to light brown in colour	10.4	0.3
911	King Canyon	Grab from outcrop; Rhyolite dyke, 40-70cm wide, orange, flaggy	9.9	1.1
912	King Canyon	Composite grab from outcrop; Orange-brown, limonite-stained rhyolite dyke, 1m wide, local Mn-staining.	8.5	0.7
913	King Canyon	Composite grab from outcrop; Rhyolite dyke, 2.5-3m wide, light orange to tan coloured, very fractured (flaggy).	4.9	<0.3
914	King Canyon	Grab from outcrop; Granodiorite with quartz veins or sweats, minor clots of chlorite within vein.	5.4	<0.3
915	King Canyon	Grab from outcrop; Fault gouge material, very rusty red.	879.7	24.9
916	King Canyon	Grab from outcrop; Andesite(?) dyke, medium to dark grey, fine-grained, surface is rusty yellow (limonite) with malachite staining.	22.8	16.4
917	King Canyon	Grab from outcrop; Small rhyolite dyke, light orange to tan coloured, flaggy partings along contact orientation 018/76E. Same site as historical sample 121111.	9.7	3.4
918	King Canyon	Chip; 2-3cm bull quartz-sulphide vein with locally abundant galena, stibnite, and tetrahedrite(?), vuggy, limonite-hematite-staining.	141.8	20.3
919	Western bluffs	Float; Rhyolite dyke, orange weathering highly fractured (flaggy).	10.6	0.7
920	Western bluffs	Grab from outcrop; 4-5cm wide fault gouge with narrow (up to 1 cm) quartz fragments with minor disseminated galena or moly.	834.1	67.2
921	Western bluffs	Grab from outcrop; Highly fractured shear zone within fine-grained andesite(?) with calcite and limonite occurring as a lens or pod. Same site as historical sample 121082.	3.4	0.8

SAMPLE NO.	AREA OR ZONE	DESCRIPTION	RESULTS	
			Au (ppb) (g/t)	Ag (ppm) (g/t)
922	Western bluffs	Grab from outcrop; Gossanous andesite(?)	33.4	2.8
923	King Canyon	Float; Granodiorite with quartz-sulphide veins up to 5mm wide with locally abundant dark-grey mineral (tetrahedrite), minor calcite and rare fluorite crystals	7.1	0.5
924	Taxi Zone	Float; Composite grab; gossanous 1-1.5cm quartz vein fragments with minor pyrite, heavy limonite-staining	1730.8 **1.93**	63.2 **60.9**
925	Taxi Zone	Chip; Quartz-sulphide vein; galena (5-10%), pyrite (2-5%), up to 12cm wide, 015/59W.	70500.0 **56.27**	230.4 **638.8**
926	Taxi Zone	Grab from subcrop; Very gossanous dark brown-red to maroon sheared granodiorite(?), no original texture. Minor pyrite on some fracture surfaces.	257.0	12.5
927	Taxi Zone	Chip; 3cm quartz vein with bands of very fine-grained galena. Pyrite tends to form weak bands to large disseminations near the vein margins. Locally vuggy. Limonite and hematite staining along vein margins. Orientation 039/64W.	17317.7 **14.39**	144.2 **143.2**
928	Taxi Zone	Grab from outcrop; Dark grey-green rock from fault/joint (andesite(?) dyke)	144.9	7.9
929	Taxi Zone	Grab from float/subcrop; 2-4cm wide quartz-sulphide vein, similar characteristics as sample 927, galena (20-30%), pyrite (5-10%).	21124.8 **17.84**	207.8 **721.4**
930	Taxi Zone	Grab from outcrop; Similar vein material as sample 929 taken from ~30cm below talus/soil	6602.1 **7.04**	19.1 **19.6**
931	Taxi Zone	Float; Dark grey-green, heavily altered and silica-rich, open cavities with limonite and hematite staining, euhedral quartz crystals and unknown medium green crystals (small and coating surface-epi?)	1005.2 **1.16**	383.6 **391.2**
932	Taxi Zone	Float, composite grab; Gossanous 2.5cm wide vein material with galena and pyrite (<5% combined) from fault/joint within granodiorite.	1028.7 **1.15**	10.5 **9.6**
933	Taxi Zone	Chip; Fault zone with 0.5-1cm pale yellow stained quartz vein. Quartz looks sheared and recrystallized. Local pyrite up to 5%, overall <1%.	6039.8 **5.92**	177.5 **166.2**
934	Taxi Zone	Chip, continuation of fault zone in sample 933; 7mm quartz vein in limonite-stained granodiorite. Vein contains 2-3% pyrite with minor galena.	501.8	30.2
935	Taxi Zone	Float, composite grab; various fragments of gossanous material from the fault/joint alteration. Minor quartz fragments.	1836.5 **2.09**	152.1 **147.9**
936	Taxi Zone	Float/subcrop, grab; gossanous fault material, deep red to maroon granodiorite(?).	35.2	2.5
937	Taxi Zone	Float/subcrop, grab; very gossanous fault material (granodiorite(?)), limonite and hematite stained, minor Mn wad. Fault/joint is 15cm wide, 017/81E.	5507.9 **5.73**	202.8 **196.9**
938	Taxi Zone	Float, composite grab; high-grade vein material up to 9cm wide with rich galena (5-10%) and pyrite (2%), and possible tetrahedrite. Samples taken from 15cm below surface.	1337.5 **1.54**	16.8 **16.1**

SAMPLE NO.	AREA OR ZONE	DESCRIPTION	RESULTS	
			Au (ppb) (g/t)	Ag (ppm) (g/t)
939	Taxi Zone	Float; dominantly white bull quartz vein 3-6cm wide with small off-shooting veins (<5mm). Different vein characteristic from typical vein mineralogy and morphology. Sulphides decrease in abundance (<5%), limonite-hematite staining present.	239.5	36.4
940	Taxi Zone	Float; 2cm wide quartz vein material, dominantly white bull quartz with minor pyrite.	1237.3 **1.45**	9.9 **10.4**
941	Taxi Zone	Float, gossanous quartz vein, yellow-orange staining, approximately 2% very fine-grained galena, vein width 2-3cm.	12506.2 **13.61**	335.4 **328.9**
942	Taxi Zone,	Composite grab from outcrop; 15cm wide dark grey dolerite(?) to gabbro dyke, minor Mn-staining, 008/85SE	81.9	13.1
943	Taxi Zone	Float, composite; Gossanous material with minor quartz fragments.	4625.7 **4.94**	305.3 **291.5**
944	Taxi Zone	Float; 2-3cm wide quartz vein with 2-3% pyrite + 3-5% galena.	1058.7 **1.16**	102.9 **100.3**
945	Taxi Zone	Float; limonite stained quartz vein, 2-4cm wide; quartz is banded (<5mm) and appears highly fractured and recrystallized. Bands separated by layer of limonite/hematite.	238.3	385.8
946	Taxi Zone	Float, composite; Highly fractured, vuggy, limonite stained quartz vein material over an area of $2m^2$. Vein width approximately 3-6cm. Quartz recrystallized.	242.3	257.7
947	Taxi Zone	Float, composite; Zone of gossanous brecciated rhyolite(?) and/or recrystallized quartz.	15.6	2.2
948	Taxi Zone	Float; Medium to dark green brecciated(?) andesite with small 1-3mm quartz-calcite veinlets. Sample from near trench at top of Taxi Zone.	1.8	0.5
949	Taxi Zone	Float; Granodiorite boulder with narrow (3-4mm) diffuse quartz vein containing pyrite. Also 1-2% disseminated pyrite within the granodiorite.	33.6	8.6
950	Polaris Zone	Float; Very gossanous conglomerate; dark brown to yellow to black. Fracture surfaces show black to purple sheen.	15.8	0.4
849	Raca Zone	Grab from outcrop; Gossanous, malachite stained, fine-grained, sheared quartz diorite(?)	16.0	29.0
850	Raca Zone	Grab from outcrop; Fault gouge breccia with lithic fragments; light grey with light malachite staining. Fault is approximately 20cm wide.	0.4	0.5
851	Raca Zone	Grab from outcrop; Red hematite coated massive, but blocky rhyolite.	1.8	9.7
852	Raca Zone	Grab from outcrop; Red gossanous rhyolite; fresh material is off-white to tan in colour, fine-grained.	9.2	0.3
853	Raca Zone	Grab from outcrop; Similar to 852, but medium-grained with crystals of chloritized hornblende(?).	25.6	4.9
854	Raca Zone	Float/subcrop; Bright red-orange gossanous rhyolite(?)	0.6	0.6
801	King Canyon	Grab from outcrop; A 1 cm quartz vein at 311/30E. Centre of vein is smoky white (5 mm) with both edges rusty brown for 3mm. Rusty brown stringers splay from the quartz vein into the host chlorite altered granodiorite at various directions.	5.2	2.0

SAMPLE NO.	AREA OR ZONE	DESCRIPTION	RESULTS Au (ppb) (g/t)	RESULTS Ag (ppm) (g/t)
802	King Canyon	Grab from outcrop; Rhyolite dyke weathering rusty brown with rusty brown stringers parallel creek (<1 mm wide) darker/lighter rusty layers gives a banding appearance difficult to see contact with host granodiorite.	5.9	<0.3
803	King Canyon	Chip; Quartz vein pod approx. 0.80 m long and 1 cm wide. Gossanous smoky white quartz vein with sulphide blebs to 4 mm in size with 3% galena and 1% chalcopyrite	10124.0 **9.37**	70.5 **66.2**
804	King Canyon	Chip;.Same style of quartz vein as sample 803 with similar sulphides but quartz vein is up to 5 cm wide.	5738.6 **6.64**	23.1 **25.0**
805	Taxi Zone	Grab from outcrop; Fractured granodiorite with rusty brown staining. Unable to get attitude of fracturing. Host rock is medium grained chlorite-limonite altered granodiorite. No visible sulphides.	1839.4 **1.89**	332.1 **514.3**
806	Taxi Zone	Grab from outcrop.	229.8	11.1
807	Taxi Zone	Float.	2224.9 **2.48**	94.2 **90.8**
808	Taxi Zone	Float.	1512.9 **1.84**	340.6 **432.8**
809	Taxi Zone	Grab from outcrop; 8cm quartz-sulphide vein.	3798.3 **4.18**	354.8 **458.7**
810	Taxi Zone	Grab from outcrop;4 cm quartz-sulphide vein.	7643.4 **8.74**	130.4 **123.7**
811	Taxi Zone	Grab from outcrop; 5 cm quartz-sulphide vein.	26726.7 **28.74**	190.5 **2997.7**
812	Taxi Zone	Grab from outcrop; 3 cm quartz-sulphide vein.	6422.6 **7.85**	197.1 **1027.5**
813	Taxi Zone	Grab from outcrop; 8 cm quartz-sulphide vein.	15797.0 **16.21**	100.7 **95.4**
814	Taxi Zone	Grab from outcrop; 7 cm quartz-sulphide vein.	12191.1 **13.13**	220.6 **638.2**
815	Taxi Zone	Grab from outcrop;	77.9	15.6
816	Taxi Zone	Grab from outcrop	136.8	37.0
817	Taxi Zone	Grab from outcrop	530.6	15.0
818	Taxi Zone	Grab from outcrop; 4 cm quartz-sulphide vein.	5008.9 **4.31**	119.6 **113.6**
819	Taxi Zone	Grab from outcrop	119.1	21.2
820	Taxi Zone	Grab from outcrop	33.8	14.7
821	Taxi Zone	Grab from outcrop; 3 cm quartz-sulphide vein.	3635.7 **4.21**	90.9 **91.2**
822	Taxi Zone	Grab from outcrop.	32.9	11.3
823	Taxi Zone	Grab from outcrop; 3 cm quartz-sulphide vein	4440.6 **5.49**	47.9 **45.1**
752	Taxi Zone	Quartz carbonate veinlets in Taxi Zone joint/vein trend; trace very fine-grained pyrite, local float.	4.1	0.3
753	Sterling Zone?	Quartz veinlets, 1cm, with pyrite, galena.	583.6	113.0
754	Sterling Zone	Sterling Zone, old hand trench?, possible source of sample 753, rusty quartz-carbonate-limonitic boxwork vein system; pyritic quartz fractures to 5%.	1650.3 **1.70**	121.7 **116.2**
755	Ridge/Kuhn Zone	Coarse brown weathering crystalline carbonate veinlets, minor quartz, trace galena and pyrite.	46.5	99.0

SAMPLE NO.	AREA OR ZONE	DESCRIPTION	RESULTS	
			Au (ppb) **(g/t)**	Ag (ppm) **(g/t)**
756	Ridge/Kuhn Zone	Cobble-sized quartz-carbonate vein of coarse crystalline, vuggy, glassy quartz and limonitic coatings.	6.7	1.0
757	Taxi Zone	High-grade float of arsenopyrite, pyrite quartz vein	20900.0 **18.67**	252.3 **645.6**

APPENDIX V

DIAMOND DRILL LOGS

a. 2001 Drillholes
b. 1997 Relogged Drillholes

APPENDIX V

DIAMOND DRILL LOGS

a. 2001 Drillholes

CME

Project name: SKUKUM
Project #: CD56
D.D. Hole #: S(01-1

Length (m): 419.71m
Grid: KUHN (RIDGE)
Dip: -72
Azimuth: 340.5
Core size: HQ/NQ

Contractor: Caron
Northing: 6670701.94
Easting: 477405.27
Collar Elev.: 1796.67

Hole survey type: Digital Multishot
Started: Sept 1/01
Completed: Sept 13/01
Logged by: T. VanderWard
Date logged: 09/02/01-

Depth	Dip	Azimuth

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0-2.53	CASING								
2.53-102.85	Med. to crs grained, equigranular GRDR;	Weak propylitic alteration in general. Locally moderate, partic around fracs where alt^n may be strong and create a banded appearance	Disseminated magnetite, core V. magnetic, some magn. xtals up to 1mm.						
	@32.50 White, pale pink & pale green coarse grained dyke, possible pegm w/ minor chl.	Moderately chloritized, particularly the amphiboles (hbl).			32-- 34				
	35.8-361 Aplastile dyke (?): fine grained diffuse, pale pink and green, qz-rich	Moderate qz-carb alteration - typically manifested as vnlts, but also along frac sfcs.	34.7-35.7 Fracture / fault zone Fracs 10°TCA.						
			@35.75 grey carb vnlt, 4mm / 47° TCA.						
			@40.4 qz-carb veining over 5cm, poss. fault healed by qz flooding Carb vnlts cross-cut qz veins						
	50-50.2 Pegmatite dyke (?), qz rich 8cm / 40°TCA		50.95 Discontinuous qz vn up to 2cm wide but pinches out. 1-2% py 45°TCA						
	52.6. Aplastile dyke: narrow (5mm-1cm) pink, very fine grained, irregular orientation								
		65.1-66.15 Moderate to strong propylitic alt^n, may be a shear zone w/in GRDR	61.45 Narrow, 3mm qz-carb vnlt w/ ankerite or poss fldspr or hem alteration (purple) and minor dissem py (<1%)						
			65.1-66.15 Shear zone (?), lower contact 50°TCA w/ 3mm qz vnlt.						

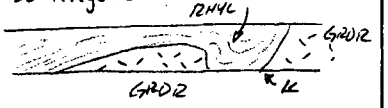
From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	(cont'd 2.53 - 102.85)								
		Moderate chloritic alt^n around vn @ 75.80.	@ 75.80 qz-carb vnlt. w/ offset. Vn is 6mm/20°TCA, Wallrock shows py halo up to 5cm from vein (5%py)						
	80.40 - 84.43 GRDR finer grained in fault/shear zone	80.40 - 84.43 increasd chl alt^n, minor clay/hem alt^n associated w/ fracture sets, occassional lim assoc w/ oxidation of core @ 81.38 - 82.00	80.40 - 84.43 Fault zone. variably oriented qz-carb vnlts						
			@ 85.55 qz-carb vnlt 4mm/47°TCA						
			@ 86.80 qz vnlt, 2mm/~10°TCA w/ abundant py along selvege and in immediate wallrock to 10%.						
	88.2 - 88.7 Sheared GRDR	88.2 - 88.7 incr. epi + chl							
			@ 94.15 Patch of rich chl w/ minor epi + qz, ~2cm wide/ 25° TCA						
			@ 100.55 qz vn, 1.5cm/20°TCA w/ 5% py + gal ± aspy (gal/aspy ~ 2% combined)						
102.85 - 118.05	Porphyritic ANDS., medium to dark grey; ragged white to pale green fsp phenos.	Carb vnlts w/ minor py Generally moderate chl.							
		106.15 - 107.95 Moderate to strong chl + epi alt^n	106.15 - 107.95 Shears of chl + epi, ~20° TCA, ~5cm wide. Main shear @ 106.55, another @ 106.40 Also similar shears @ 107.00 & 107.80 (near 11 TCA)						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
			@110.15 Similar chl-epi rich zone as above w/ carb vnlt @ ctr. ~25°TCA.						
			@112.55 Epi seam w/ carb. "Selv" margins						
		114.10 - 118.05 Sharp alt^n change or poss lith change Core becomes lighter (more silica) fsp phenos to 4mm.	@114.10 narrow shear/vn w/ locally abund py strong alt along vn orientation						
118.05 - 190.55	Medium grained, generally equigranular GRDR. Amphs may be quite large (7-8mm) Magnetic	Moderate to strong propylitic alt^n, pastic @ upper contact	Contact ~50°TCA, irregular.						
	119.4 - 119.5 Narrow ANDS dyke, running near parallel to CA as GRDR is evident on one side of core.		118.3 - 118.4 Breccia?, ground up GRDR w/ v. fine ak grey to black matrix						
			@119.35 carb-hem vnlt, narrow w/ py on frac sfc and along vn.						
			@120.95 hem-carb vnlt w/ abund. diffuse, dissem py in wallrock where vn is crossed by chl-epi carb vnlt.						
		123.90 → decr in prop alt^n to wk → mod. Core is v. silica rich, less granular, may be sheared. Wk potassic alt^n	@122.75 Chl-carb vnlt.						
		124.4 - 125.35 Silica-rich zone, abund chl fracs @ 40°TCA							

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
			125.55 - 126.40 Strong shear zone UC w/ hem, carb, qz. Py 2% finely dissem @ upper contact decreasing to <1% near bottom of shear.						
		126.5 - 126.6 Chl @ seri (argill.c) alteration around qz vn.	126.5 - 126.6 qz vn w/ minor carb. Py to 10% dissem in vn as large patchy blebs ~5mm. Gal 3.5% and poss aspy	4303	126.45 - 126.65	0.20	6896.9 (750)	187.3 (1777.1)	
		126.8 - 127.0 Argillic alt'd GRDR	Below vn to 126.8, core shattered w/ clay gouge	4304	126.65 - 127.70	1.05	101.4	215	
			Below fault @ 126.8 increased dissem pyrite in GRDR partic along fracs, though still <1%.	4305	127.70 - 129.90	0.20	2184.2 (7.34)	210.6 (254.7)	
		134.75 - 138.15 Incr. silicia (core becomes pale, bleached) w/ abund dark grey-brown chl-carb frac-fills. Argillic alt'n (?)							
		@136.00 ~20cm zone of mod. potassic alt'n that grades into lt grey silicified GRDR							
	GRDR coarser grained	138.8 - 139.1 Strong chl - seri alteration below vn @ 138.71.	@138.71 Bx'd qz vn 5cm/20°TCA w/ 10% dissem py in vn. Patchy & diffuse chl - seri in vn.						
			@140.35 carb vn w/ py, poss ank, Magn along selvage, 1cm/75°TCA						
			@141.65 qz vn 5mm/32°CA w/ py + tr. gal.						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
			@144.35 Qz vn w/ hem, carb + fine disem cubic py - purple white colour. Frac offset and vn "spirals" wound core.						
	150.7→ incr in xenoliths, though still fairly rare.	150.7 prop alt^n incrs to mod.	@147.90 Alaskite dytelet, pale pnk, v. fn grained 3cm/70°TCA						
			@154.20 ank-carb vnlt 1-2mm/ 25°TCA						
		155.5-155.95 Core lighter (more silicic) less chl.	155.95-162.75 Fault - broken core to 159.90; moderately broken & frac'd, locally bx'd (@161.40) bx healed w/ qz flooding, abund epi + qz; bx 30°TCA; minor py.						
			@162.70 qz vn 3mm/35°TCA						
			@164.30 chl-epi shear w/ carb and 1% py 5cm/40°TCA						
			@167.55 shear, prop alt'd w/ chl, offset, ~3cm/30°TCA; minor py.						
			170.15-170.80 Strong shear in GRDR epi chl±carb vning, upper contact marked by dk grey 4mm/15°TCA carb vnlt. w/ 10-15% py.. Discontinuous carb vning below						
	170.9-174.2 Dk grey crs-grained GRDR w/ prop alt'd fracs. oriented 30°TCA		170.9-174.2 local disem py.						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	174.2 - 176.60 Sheared GRDR Fine - med grained	174.2 - 176.6 Strong prop alt^{n} minor carb vnlts.	179.8 - 180.2 V. fractured, series of 2-5mm carb vnlts, minor clay on frac sfcs. - FAULT. @184.25 qz-carb -py vn, 8mm / 15°TCA. Py strung out along vn margin & dissem in vn up to 20%, generally 15%; tr gal(?), sm offset - 2.5cm @184.65 qz-carb vnlt, wht, 4mm / 22°CA 187.40 - 187.65 - Fault (broken core)						
190.55 - 202.45	Porphyritic ANDS. 190.55 - 192.50 bleached, large phenos of fsp. (5mm) 192.50 - 202.45 Darker grey, smaller phenos (≤1mm) homogenous & massive, less carb vnlts	190.55 - 192.50 5mm phenos of fsp, opi altered; core bleached w/ numerous hcw line carb vnlts.	@190.55 upper contact of ANDS Sheared & bx'd; 22°CA @202.45 lower contact sharp; wk bx ~ 55°TCA						
202.45 - 214.60	Med to crs-grained GRDR.	Wk propylitic alt^{n} @214.35 potassic alt^{n} & prop alt^{n} assoc w/ shear.	205.7 - 205.9 Broken core Fault? @209.80 sm chl shear w/ minor carb. @214.35 Shear. 3cm / 75°TCA						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
214.60 - 215.52	RHYL dyke, spherulitic w/ foliation (looks flow-banded) <10°TCA; RHYL is light brown (matrix) w/ 5-40% 1-2mm fsp spherules (wht to pale green)	Mod. silicification, epi.	@214.60 upper contact sharp, sheared 40°TCA 214.60-215.52 Py <<1% but fairly evenly dissem in dyke						
215.52 - 216.80	GRDR	Wk oxidation (lim) @ lower contact.	@215.52 lower contact sharp almost ⊥ to core axis, minor assoc carb vnlts,						
216.80 - 217.60	RHYL dyke, as above		@216.80 upper contact 23°TCA @217.60 lower contact ~40°TCA but irregular 						
217.60 - 249.55	GRDR, as previously described	Wk to locally strong prop alt°, partic along fracs and creates a banded appearance @220.65 abund hem on frac sfcs.	General frac orientation as marked by prop alt° ~20°TCA. @220.30 qz-carb vnlt 1-2mm/27°TCA Prop alt° halo around vnlt. @222.60 Carb-qz vnlt w/ minor hem 5mm/60°TCA. 223.75-224.75 FAULT - frac'd core, hem coated frac sfcs, fracs down core axis, red hem gouge mat'l. 229-230 Sheared GRDR, abund chl+epi+carb vnlts. @229.75 Main frac in shear, w/ gouge, 23°TCA						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
		232.80 → incr prop alt to mod intensity (lt greenish core) dk green to black chl fracs may be weakly bx'd.	@231.05 discontinuous qz vn w/ 1% dissem py 7mm/15°TCA @233.50 possible Alaskite dyke - does not cross core; pale pink w/ epi hairline fracs @232.70 15-20cm zone of up to 5% dissem py @234.05 as @ 232.70.						
		236.70-239.65 Strong prop alt'n 239.65-240.4 Prop alt'n decr. to wk intensity; v. chloritic, amphs in GZDR appear sericitized (white) - argillic alt'n (?) 240.4-249.55 Mod prop alt'n w/ locally strong zones. 242.90-243.10 moderately silicified 243.7-244.45 core lightly bleached	@240.05 carb-qz vn w/ py up to 10% partic in wallrock and offshooting vnlt. 2.5cm wide / 55° TCA. 242.35-242.55 Fine grained disseminated py, 2-3%. 242.90-243.10 minor py + cpy(?) @246.2 Frac'd, broken core w/ hem alt'n on sfcs @245.9 qz-carb vnlt 3mm/18°TCA 245.9-248.1 core moderately broken w/ wk oxidation (minor lim staining) 249.35-249.55 carb vnlt 4-5mm/ 10-15°TCA w/ minor py along selvage. + chl, discontinuous.						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
249.55 - 251.00	AND S dyke; massive dk grey-green, abund hairline carb vnlts	mod. chl alt^{n}	@ 249.55 upper contact irreg but ~30°TCA @ 251.00 lower contact ~10-15°TCA						
251.00 - 269.5	GRDR., core generally lt grey w/ dk green chloritic patches	Mod propylitic alt^{n}, Mod silicification Wk potassic alt^{n} to 50cm below upper contact	@ 253.30 chl seam w/ 5% py. 3mm/25°TCA @ 257.55 chl. carb frac/vnlt. dk grey to black chl w/ wht carb along selvage and stringy dissem py to 5% w/in the chl.; 3-4mm/15°TCA 258.4 - 259.6 Qz-carb vn, 3-5mm, running approx parallel to core axis w/ 5-10% py. locally, qz is grey, white carb.; vn width is 3-5mm @ 259.30 vn offset by qz-carb bx @ 259.50 vnlt 2-3mm/15°TCA @ 260.85 Sheared, mod foliated GRDR ~60°TCA						
	@ 263.40 Start of first mineralized Fault zone. (Kuhn Fault)		263.40 - 266.8 Fault + bx zone. abund. chl-carb fracs., core broken w/ gouge (graph?) on frac sfcs., ~2% py overall, locally to 5%. @ 264.60 shear plane w/ bx'd wall rock, poss graph, 25°TCA						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	(Fault/Breccia Zone cont'd)		264.9-265.20 qz-sx bx w/ carb. 10-15% aspy, 3% py. ~3% gal, poss sph 265.20-266.8 Bx'd core continues, but less sx. 266.8-269.5 Qz-sx-bx. Core is more competent but incr qz-sx vning along core axis. w/ offshooting vns & vnlts; carb infill of tensional gashes; 1-3% aspy, tr. cpy, 5-10% gal, 3-5% py @ 267.4 carb-qz vn w/ gal + aspy 1cm/30°TCA @ 267.1 bx of carb, cross-cuts qz-sx vn @ 267.65 qz vn w/ 20% aspy ~3% gal, 3% py; 7mm/20°TCA @ 268.40 rich aspy in qz vn (~20% aspy, 5% py+gal) NOTE Sulphides are also lightly dissem in fractured wall rock; generally w/ py and rare aspy & gal. 268.45-268.50 qz vn down core axis w/ 10-15% gal, 5-10% py. 269.2-269.5 Lesser vns.						
269.50 - 292.21	RHYL dyke, pale, green to tan coloured, brecciated, extremely altered	Silica flooded, argillic alt^n (?) Locally rich epi; carb vning. mio clay alt^n	@ 269.50 upper contact v. bx'd w/ rich epi, locally dissem gal, py, sph?						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
			269.50-271.90 Banded, foliated(?) rhyl; Sx along fol^n plane (35°TCA); silicification						
			271.90-276.40 Bx'd, silicified w/ py ± aspy along fracs, ~2-3%						
			@272.35 clayey gouge						
			@276.10 qz vn w/ 5%py, 1% aspy 3mm wide / ~15°CA, irreg. contacts and frac'd.						
			@276.20 similar qz vn as @ 276.10, pinches out due to offset						
			276.40-279.15 Foliated rhyl ~30°CA						
			279.15-292.91 Strongly bx'd zones along core axis w/in v. fn grained rhyl; Rhyl bands crumbled along core axis — Crackle breccia w/ minor Sx vning and coating fracs; dominantly py w/ tr. gal and aspy.						
			286.1-288.04 Gouge-bx'd core, locally competent (~10cm segments) round qz frags w/in v. fn grained lt brownish-green matrix						
			@290.10 Strong qz carb bx w/ py vnlts, also small hairline black vnlts may be v. fn Sx.						
292.91-297.25	ANDS (?), bx'd, dk greenish grey w/ abund qz-carb frac-fill vnlts.		Py is dominant Sx occuring in locally abund pods & patches up to 5%.						
297.25-300.00	HLBX, (lateral/thin breccia); various frags of qp including blue-grey vein qz w/ py ± gal.		@297.25 Contact ~15°TCA of HLBX	4424	297.25-298.34	1.09	995.6	20.3	
				4425	298.34-299.24	0.90	2015.8	70.0	

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
300.00 - 311.70	RHYL dyke, bx'd w/ abund sx vnlts. Brecciation is strong through entire unit. Sulphides and frac fill chl (?) or poss v. fn sx is variable.	Clay-altered (?)	@301.30 dissem py, gal, aspy 301.35 - 302.51 less vnlts, dark tan coloured rhyl 302.51 - 307.70 abund dk grey vnlts, dissem py + gal ~2%, if vnlts are sx, up to 35-40% sx content 303.90 - 304.10 major bx zone w/ blue-grey disrupted qz vn w/ poss gal. + py 304.10 - 307.9 lesser sx content (vnlts a dissem). ~1%; 307.90 - 308.95 v. strong bx w/ qz "clasts", vn frags (blue-grey) and disrupted qz vns and locally rich gal, py and aspy up to 15%; dominantly py w/ v. fn grained gal (?); frac @ 45° TCA marks lower contact of bx zone. @309.05 another narrow shear ~15-20° TCA marks decr in bx? 309.30 - 309.70 Broken core / faulted @309.75 narrow qz-carb vnlt w/ py offset by hairline frac by 35cm.	4433 4434	306.90 - 307.90 307.90 - 308.95	1.00 1.05	2644.3 4511.5	107.80 302.40	
311.70 - 312.80	ANDS, bx'd, dk green, v. chloritic frac'd, broken core.								
312.80 - 315.15	Major fault zone, v. broken core, lithology difficult to identify, highly bx'd, may be RHYL or RHDC; rare sx.		314.25 - 315 goopy core w/ 1cm vuggy qz vn w/ cc weathered out						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
315.05 - 316.05	Possible DIOR ?, chl-epi alt^n, med-grained looks intrusive; may be med-grained heavily altered ANDS.		[END OF FIRST FAULT ZONE]						
316.05 - 317.35	ANDS dyke; massive, homogenous, dk grey w/ minor tension-filled carb. vnlts.								
317.35 -	GRDR; med grained, equigranular. greenish	Strong propylitic alt^n; rich chl & strong carb 325.2 - Increasing potassic alt^n to strong; pink fsp, rich epi + qz + carb + chl.	@317.35 upper contact extremely sheared w/ dk blue grey vnlts w/ disseminated py as well as qz + chl @325 Broken, offset aplastite (?) dyke pink, fn-grained, 1-2% disseminated py. 348.60 - 348.10 Fault - v. broken core, abund clayey gouge on frac. sfcs. @348.60 zone of epi + qz + chl - shear (10 cm wide) @351.15 10 cm wide gouged GRDR. also @ 352.20, 352.40, 353.75 355.50 - 357 fault zone, oxidized, sheared, broken core, carb alteration 356.95 wispy chalcedonic and carb vn 7cm / 45°CA						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	(SECOND FAULT ZONE)		@ 385.35 - 387.25 Fault / shear zone w/ abund. py strong out @ 20-25° TCA w/ tr cpy, gal and poss aspy	4489 4490	385.57 - 386.80 386.80 - 388.32	1.23 1.52			1579 ppb Zn 6027 ppb Zn
392.58 - 395.40	Fine-grained, dark green rock unit. Probable ANDS though also looks like a possible DIORITIC phase of the GRDR.	Rich epi + chl alt^{n}							
395.40 - 404.90	Med to crs grained, equigranular GRDR; sporadic fragments and dykes of alaskite	Moderate potassic alt^{n} Moderate propylitic alt^{n}	@ 395.60 Alaskite dyke/sill, pink, v. fn-grained.						
			396.80 - 397.10 Fault, broken core w/ carb vning						
			401.45 - 401.75 Narrow (5mm) low angle to CA alaskite dyke/sills (~10° CA)						
		@ 402.90 Rich epi over 5cm, probable frac related. Potassic alt^{n} strong around epi fracs	@ 403.60 Alaskite 6cm/65° CA						
404.90 - 418.10	ANDS, as @ 392.58 - 395.40 Slightly porphyritic w/ fsp phenos; generally white but looks pink	Abund epi assoc w/ fracs Abund chloritic alt^{n}	408.40 - 409.25 Fault, minor gouge; Shearing, partic @ 408.40 - 408.60 where carb vn/bx w/ rare py. (3cm/25° CA)	4504	408.20 - 409.60	1.40			5882 ppb Zn

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
413.10 - 413.60	GRDR, med-crs grained, equi granular, massive & competent trace py.	Strong potassic alt^ Strong chlorite Strong propylitic (ep'-gz) fsp are pink	@ 409.10 Py assoc w/ shear, dissem along shear plane. @ LC sheared/faulted w/ minor gouge & carb vns. (~25°CA)						
413.60 - 415.10	ANDS, as describe above	Strong epi + chl.							
415.10 - 418.30	GRDR	Strong potassic & propyl. hc							
418.30 - 419.71	ANDS								
419.71	END OF HOLE								

CME

Project name: SKUKUM
Project #: CP56A
D.D. Hole #: SC01-2

Length (m): 512.67
Grid: KUHN (RIDGE)
Dip: -77
Azimuth: 340
Core size: HQ/NQ

Contractor: CARON
Northing: 6670701.64
Easting: 477405.37
Collar Elev.: 1777.03

Hole survey type: DIGITAL MULTISHOT
Started: Sept 14/01
Completed: Oct 2/01
Logged by: TN
Date logged: 09/17/01 -

Depth	Dip	Azimuth

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0-3.05	CASING.								
3.05-4.72	OVERBURDEN.								
4.72-106.40	Medium to coarse-grained, equigranular, med. grey, mottled, greenish hue. GRDR. Generally more competent, some fracturing down core axis	Wk to locally strong propylitic alt^n w/ carb alt^n and locally sericitic. Propylitic along fracs creates banded appearance;	@6.00 qz vn w/ tr. py 4mm/15°CA 31.10-35.55 Shear zone, slightly oxidized, abundant epi alt^n w/ chl-sil-ser(?) centred by alaskite dyke. 37.35-37.95 Similar to above, poss alaskite but diffuse, core is bleached sheared @ upper/lower contacts. @43.59 qz vnlt w/ dissem py 25-30° TCA @45.95 Alaskite dyke 2.5cm/40°CA v. fg grained, pink, sharp contacts. @48.30 narrow, diffuse, discontinuous vnlt qz vn w/in narrow shears. @55.25 narrow vnlt w/ py along sdv. 5-15%, 3mm/25°CA @58.65 epi-qz rich shear ~59°CA w/ chl						
		54.05-55.40 oxidized (wk) core, v. green prop alt^n w/ carb weathered out - Shear zone							

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
			@59.50 qz vn 7mm/ 79°CA w/ chl + py (5%) @62.50 carb-chl shear, dk grey, fine-grained w/ 1% py, 2cm/ 25°TCA @65.40 narrow shear/vnlt. ~~60~~10-~~67~~.70 Pyritic zone (5%) dissem in fine/med grained silicified GRDR, narrow vnlt @ 67.20 w/ py, 3-4mm/ 30°TCA @72.55 xenoliths of ANDS or DIOR fn-grained, dk green 76.00-76.40 Fine-grained sheared qz vn @ upper margin, py in w/r and vn and dissem through interval; vn is 1cm/50°TCA, shear is 25°TCA. @79.40 qz vn(?) pinkish w/ carb and dk grey fracs down vn axis w/ fine-grained py. Py is also dissem in w/r which is silicified and contains minor py vnlts 2.5cm/35°TCA 79.50-79.95 Pyritic zone, py locally * massive, 50% w/ fine black metallic * mineral - ~~spl~~ magn? to 20-30%. Main * zone of py @ 79.60-79.75, more dk * mineral @ lower contact, no assoc. vein, but frac-controlled. Py frac's w/ dk mineral infilled. @81.50 Aplite (?) 1.5cm/ 30°TCA Aplite cut crossed by dk frac-fill and carb vn, pink to greenish. @85.55 qz vn 5-7mm/ 25°TCA						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
		88.60-89.00 argillic alt'n (sericite) in fine-grained GRDR, greenish	87.58-88.30 several qz-carb vns, sheared, stringy 91.5-91.7 Aplokite, massive fine-grained pink, 24°TCA, ~10cm w.to. @92.1 qz vn, 5mm/25°, massive, white barren, offset by chl frac w/ epi, 25cm offset 92.20-92.55 low angle to core axis qz vn, diffuse wht qz w/ abund green "swirled" or br'd chl w/ rare py, ± poss sph., 35°TCA; diffuse vn margins, wk potassic alt'n of w/r. @93.50 aplokite dyke 2cm/25°CA, frac-offsetted and discontinuous.						
		96.75-106.50 mod to strong prop alt'n, mod carb alt'n	@95.50 dissem py and trace cpy. @106.40 - contact, broken, no angle available.						
106.40-119.75	ANDS, dk greenish-grey, fine-grained, homogenous		106.40-110.95 generally v. broken and frac'd w/ numerous carb vnlts (oriented 70-85°), silicified and py to 1%, partic along fracs.						
	110.95-118.85 ANDS becomes porphyritic, ragged fp phenos.	110.95-111.20 slightly bleached.	@107.65 qz-sx vn, dom py to 20% w/ trace gal, v. low to core axis, broken 110.30-110.45 qz-flooded, minor py, frac'd and healed w/ chl-carb + epi and continues to 110.95	4537	107.59-107.95	0.36	1287.9	73.5	
	@119.45 Inclusion of GRDR.		118.85-119.75 Sheared ANDS, chl-epi-carb alt'd stringers, locally br'd, py 1-2%, dissem + frac controlled.						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
119.75 - 127.0	GRDR - sheared, silicified, qz flooded and bleached; med-grained		@120.65 prominent lightly oxidized frac, ~12°CA @121.75 qz-carb vn, wht and purple carb + wht qz; 1cm/75°TCA						
127.0 - 220.70	GRDR, rel competent, not sheared, med-grained, equigranular	124.4-124.60 potassic alt'd GRDR w/ abund chl fracs @ 20-25°TCA wk propylitic, chloritized matics	@130.90 qz-sx vn 1cm/24°TCA w/ rich cpy + sph(?) or poss tetr. (dk grey, metallic)						
		134.05-136.70 abund patches of epi	@132.40 chl-epi shear. @131.15 qz-carb vn w/ py (5-10%), narrow vnlt, 3mm/25°CA						
		137-139.30 incr. silica, bleached + chl hairline fracs	136.05-136.55 sheared, rich chl, py 1-2%. @138.55 diffuse qz vn, Si-flooded w/ epi + chl + ser.(?)						
	139.30-143.60 Rel unaltered GRDR, med-grained, equigranular, chlortic, rare carb, magnetic	143.60-154.25 incr prop alt^n, locally banded.	@142.80 qz vn 1cm/279°CA w/ rare py, chl along frac/selv., white milky qz. @145.00 qz vn, diffuse and floods into w/r, rare py, milky wht w/ argill.ic (ser.) alt^n + chl in alt^n halo; also epi in vn. 6mm/30°CA.						
		148.75-149.25, fine grained chl. alt^n around vnlts - argille alt^n	@149.05 - over 5cm, series of narrow carb vnlts, one is 1cm w/ purplish carb vnlts, minor py (2%) @153.70 qz-carb vn 1cm/55°TCA						
	154.25-156.40 sheared, silicified zone, fine-grained w/ locally unsheared GRDR, med-green, chl-rich + ser. and incr. epi								

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	156.4 – 188.60 Typical prop-alt'd GRDZ. dk grey w/ light greenish whi prop alt± creating banded appearance; v. magnetic	176.75 – 177.45 strong prop alt±	@155.20 massive wht qz vn, 1.5cm/38°TCA w/ sect'n choked by epi+chl, lower margin/selv w/ rich sx of py (dominant) + poss gal ± aspy (v. fn grained). Vn floods into w/r w/ local patchy dissem py. Overall vn width + flooding 12cm.						
			155.15 – 155.60 qz vn zone, upper vein marks contact. Lower vn is @ 155.55 1cm/30° w/ sx along selv. (py)						
			@162 5mm grain of magnetite						
			@166.10 qz-carb vnlt, 4mm/40°TCA						
			167.70 – 168.55 Zone of qz vning, massive milky wht qz vns @ 167.80 & 168.35 w/ some flooding into w/r. - upper vn 1cm/36°CA w/ py on selv, minor dissem py in w/r. - lower vn 1.5cm/33°TCA						
			@173.60 epi stringer, low angle TCA are cut off by fract						
			@176.75 narrow epi-carb-chl vnlt w/ rare py.						
			184.25 – 184.45 pair of wht qz vns, parallel w/in sheared GRDZ; 5mm/ 25°TCA (both), minor dissem py.						
		188.60 – 190.10 No prop alt± banding – more even and mod to strong intensity	@185.15 narrow epi-qz vnlt 5mm/15°TCA						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
190	190.10 → back to banded GRDR, finer grained than typical, moderately flooded w/ qz, magnetic	207.50-208.05 clay ± intense argillic alt^n ; light green-grey core ; kaol(?) on frac sfcs.	@205.40 qz vn w/ large (2-4mm) platy muscovite in tension fracture; vn is discontinuous, terminated by frac. @206.85 similar vn as above. @207.00 clay vn (kaol?), v. soft, fine grained, white ; also @ 207.20 & 207.30. 211.40-212.40 Shear, diffuse GRDR texture; sil-epi-chl and rare qz frags; some seri- @214.45 cataclastic bx?, v. fn dark grey matrix w/ qz "eyes" @217.80 qz-epi-chl vn.						
220.70 - 222.10	RHYL dyke, foliated/banded, spherulitic tan to pale greenish rust; abund silica	Minor epi + chl and some hem all ^	Foliation/Banding 20° CA Py dissem in RHYL 1-2% locally, generally as cubes up to 2mm						
222.10 - 233.75	GRDR, med grained, equigranular	wk → mod prop alteration locally strong silicification	@228.60 Fault(?), broken core, gouge on frac sfcs. 232.05-232.35 Epi-rich zone, probable bx w/ dk chl fracs, qz frags, minor carb						
233.75 - 234.85	RHYL dyke ; greenish-tan, banded/foliated no spherules	chl	Foliation/banding 15-20° CA Dissem py ~ 1%. @LC contact is 25° CA.						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
234.85 – 239.05	GRDR								
239.05 – 240.33	BX RHYL w/ qz vn running at low angle to the core axis. Numerous small qz stringers in fracs offshooting from main vn ; RHYL is homogenous tan-coloured v. fn grained	Abund sil. ; chl	Qz vn in RHYL is 5-10°CA, white to translucent blue qz.						
240.33 – 257.65	GRDR 244.80 - 245.30 Alaskite dyke ~25°CA. 252.20 - 252.75 Sheared GRDR - fairly random oriented tension gash qz vnlts. py 1-2%	Purple hem-altered carbonate in fracs and vnlts.							
257.65 - 258.55	RHYL dyke ; broken @ upper contact (faulted?) Foliated/banding observed in competent pieces.		Banding/foliation ~ 27°CA Py dissem ~ 2%. @258.45 Bx zone w/ abund py and sph (?) ; 39°CA w/ qz (qz-sx-bx ?) ~20% py up to 10% sph @ LC fault gouge						
258.55 - 309	GRDR	269.50 - 269.90 abund patchy epi	262.70 - 262.95 abund purple hem-carb vnlts, random orient'd w/ minor py. 274.30 - 274.63 dk greenish-grey, fine-grained w/ qz "eyes", poss cataclastic bx/shear w/in GRDR; minor qz vnlts ; rare dissem py.	4646	273.3 - 274.3	1.00	528	393	

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
		278.00 → increased hem alteration of fracs - deep maroon to brick red; also purple carb vnlts.	275.95-276.10 chl-carb shear, centre is purple carb vnlts w/ 1% py assoc. Minor seri. Centre carb vn is 1.5cm/50°CA @278.60 Similar to above but narrow (2-3mm) w/ py vnlt; 33°CA. @281.30 qz vn 4mm/30°CA, minor carb-chl w/ 5% py. @286.95 hem-carb vnlt, purple 2mm/55°CA @290.75 hem-carb vnlt 7mm/60°CA also @ 296.60 7mm/63°CA @301.10 Fault, hem-carb-qz vnlt w/ gouge (carb-clay), 26°CA 304.50 - 305.30 Bx zone, chl-epi-qz discontinuous carb-qz vnlts, abundant hem alt'n						
309.00 - 323.00	ANDS, weakly porphyritic, v. broken faulted core; dk green-grey, generally homogeneous, minor carb-qz fract-fill vnlts.	Chl. - mod Carb. - mod.	@309.00 (UC) faulted 40°CA						
323.00 - 323.85	GRDR - sheared								

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
323.85-326.40	RHDC – ANDS ;	Bleached & UC, tan coloured similar to RHYL	Core very competent to 324.00m at which becomes blocky, broken and gouggy. 325.50-325.80 V. Strong BX – dark grey matrix w/ RHYL, QZ frags, rounded and milled. Dark grey matrix w/ dissem py, chl; Fault/frac parallel to CA.						
326.40-336.90	RHYL ; banded, w/ hairline dk grey fracs, poss sx vnlts		Banding 40°CA Dissem py in rock and along fracs ~1-2%. Poss galena associated, but rare						
336.90-341.99	HLBX - rounded, milled RHYL, QZ, FRDR(?) frags in med to dk grey fine-grained matrix ; locally vuggy and gouggy. 334.37-336.96 – v. poor recovery – clay seam encountered by drilling but all clay washed away. 341.07-341.99 greenish RHYL, broken.		Dissem py 1-2% 339-340.70 BX w/ large open-space filling calcite xtals up to 4cm long ; v. dark grey (almost blueish) matrix/gouge @ 340.70. No v.s sx in matrix, but may be v.fn grained, some dissem py.						
341.99-401.35	GRDR - broken, sheared & locally bx'd.	341.99-348.80 oxidized?, soft gouggy gge core w/ open space filling carb and chalcedony Abund propylitic & chloritic ± argillic alteration ; some clay altered	@353.10 carb vn - open space filling – wanders along core axis 356.40-357.00 – Fault gouge 15°CA, soft core, light bx, v. green & fine grained						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	* Start of cpy-py bearing * vein system @ 358.10 - * 385.45m.; also found @ 407.50m	Core @ 360 is more competent mottled greenish-grey, strong epi-qz-chl	@358.10 qz-py-cpy-gal vnlt 4mm/25°CA; frac-offsetted and discontinuous; 50% sx dominantly py & cpy, minor gal. @359.95 cpy-py-gal.(moly?) vnlt 5mm/26°CA @360.40 narrow qz-carb sheared vnlt 1-2mm/45°CA w/ py+cpy. @361 strong epi w/ py vnlts crossing epi orientation; vnlts of carb also. 361.35-361.55 Fault. frac'd, gougy core. Also @ 363.10-363.40. 362.20-362.35 ANDS dyke or xenolith w/ narrow (1mm) 43°CA qz vn (blueish) w/ py, cpy ± gal(?) Minor dissem py. @362.75 patchy, diffuse qz vn, crosscuts epi stringer (1cm wide); narrow cross-cutting fracs contain py + Sph(?) (reddish brown) @363.80 carb-qz vnlt, local dissem py. + gal(?), dark grey (#altr?) 363.40-363.60 gougy core w/ minor py. @365.50 qz-cpy-py-gal vn 4mm/20°CA ~60% sx (30% cpy, 25% py, ≤5% gal) @367.20 carb-filled shear, minor chalcedony 2cm/30°CA, minor py						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
		368.85 decr chl incr prop.	367.80-368.85 vnlts and fracs w/ patchy a disseminated cpy, py, gal and sph(?) - nonorientation significant frac-offsets.						
			371.10-373.20 Fault; UC epi-rich shear, 30°CA, becomes broken o gouge						
			@372.20 qz vn, v. low angle to CA 6-10mm wide w/ cpy, py, gal, sph(?) and/or tetr(?), frac bifurcated.						
			@374.35 narrow seri-altered/talc fault gouge, ~2mm/30°CA, gouge is pale green, talc-like						
375.90-376.15	ANDS dyke or xeno, sheared UC w/ epi + qz and minor py/cpy.		@376.35 Narrow diffuse qz vn w/ py, gal, rpy (~20% sx - 10% py, 8% gal, 2% cpy)						
			@376.6 epi stringer/vn w/ minor red hem on frac sfcs						
			@377 shear, epi + chl, minor gouge slicks on frac sfc.						
			@377.30 epi(?) shear + clay + seri 4/cm/30°CA						
			379.70-380.00 - epi-qz-chl shear.						
			@380.50 Fault w/ gouge and carb open space filling w/ minor purple-red hem alt° and minor py.						
			380.50-381.50 BX w/ carb and chalcedony filling open spaces, dominant carb @ 380.50, good chalcedony near 381.50.						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
			@382.70 discontinuous qz vn(?) w/ py + cpy						
		@383.50-383.65 rich epi-qz-ser	@383.00 py + cpy vnlt 1-2mm/20°CA						
			@384.80 minor qz sx vn w/ py + cpy.						
			385.10-385.45 narrow 3mm qz vnlt w/ py + cpy + gal, v. low angle to CA and offsetted. Some py + cpy dissem in w/r.						
			@386.60 minor chl shear, local dissem py associated w/ shear. (20°CA)						
			386.80-389.40 Faulted - broken core chloritic and gouge clay on frac sfcs.; occassonal carb open space filling vns.						
			@390.90 carb on frac sfcs w/ slickensides perpendicular to frac orientation.						
		390.90-395.75 strong epi + chl alt°; carb + qz also.	390.90-395.75 Fault/bx zone in GRDR; wk to moderate intensity, but strong chl-epi alteration w/ healing by qz-carb (occassonal chalcedony)						
			@394.35 ANDS xenolith						
			394.55-394.65 Large carb vn ; frac-filling w/ minor purple hem? Bx'd w/ entrained w/r.						
			@395.60 Carb vn 1-1.5cm/38° CA						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	395.70 → core becomes more competent and hard.	395.70-396.75 strong epi assoc w/ shear	396.60-396.75 shear 45°CA						
	397.80-398.60 Pale, bleached section of GRDR, poss QZDI phase; mottled white/black w/ abund. qz.								
401.35-404.00	ANDS dyke; massive, homogeneous, dark green-grey; numerous hairline carb-qz vnlts.								
	402.15-402.55 Section of GRDR w/ irreg contacts w/ ANDS								
404.00 —	GRDR								
		407.25-407.75 strong epi-clay alteration;	@406.90 carb vn.						
			407.25-407.75 sheared/frac'd/ offset qz vns up to 1cm wide w/ 30-50% sx content. Dominantly py (20%), gal to 1%, rare cpy and trace bornite? or tetr?	4749	407.25-407.75	0.50	4579		
			@409.60 small frac w/ gouge & rare py.						
			@410.70 qz sx vn 6mm/20°CA cpy 30%, 3-5% gal + dark mineral w/in vn (chl/ser?) + green chl in vn. Argillic alt° around vn in w/r.						
			@411.60 local dissem py + cpy @ UC of pale green epi-chl shear zone in GRDR.						

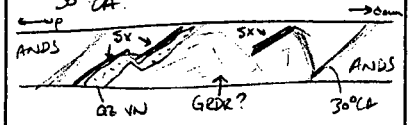
From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	(GRDR cont'd)		411.60-412.15 Shear @413.05 qz vn, light pink. @414.80 small shear w/ epi + py + qz, 20-30°CA 415.05-416.50 zone of carb frac. fill vnlts up to 1cm along CA 416.30-416.80 shear, epi + qz + dark seri (?) along shear margins. @419.45 carb vnlt, one splits into 2 ~2mm/25°CA, rare py.						
		426.20 → v. strong epidote w/ abund chl + qz. Epi occurs in rich patches assoc w/ fracs locally bx'd (?)	421.55-427.40 Bx (?) qz-epi, v. dk, fine-grained matic (chl) matrix, abund pale green epi obscures GRDR foliation. @422.85 carb-qz vn, pinches out w/ multiple offsets, ~10°CA. @423.40 15cm epi rich zone, also @424.55, 424.85, 425.50, 426.40 @427.70 Fault, 2.50m/15-20°CA, gouge v. soft w/ w/r frags, minor Sx, incl py + sph (?). Sx in hanging wall, poss Sb (?). Galena in footwall assoc w/ fracs @428.45 Fault, narrow, w/ gouge. @430.95 Strong epi shear, 9cm/60°CA @433.05 Epi zone w/ purplish mineral poss fluorite (?)						

From - to m.	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	(GRDR cont'd)	434.45-434.70 Strong epi.	@435.80 Low angle qz-carb-sx vnlt, ~1cm wide / 10°CA; galena dominant sx as fine gouge matl (v. soft)						
			@436.10 qz vn w/ cpy, gal, py, sph & aspy(?); 4mm / 20°CA. Different orientation to vein described above.						
	437.25-437.66 GRDR finer grained ; sheared?		437.25-437.60 patchy dissem cpy, frac-controlled; wk hairline frac w/ cpy, sph, gal @ 437.45.						
	437.60-453.90 GRDR med-grained equigranular.								
	438.50-440.15 crs-grained, competent	438.50-440.15 Strong prop., wk potassic.	440.15-441.45 Fault - frac'd, broken core w/ gouge, pyritic; minor bluish-grey gouge, pass sx at upper contact; locally abund epi-qz.						
			442.60-448.40 Fault zone, v. low angle to CA ≤ 5°CA.						
			@443.20 Carb-hem vning, bx'd w/ finely dissem py assoc w/ hem/carb; also offset qz vn w/ py						
			@444.60 crushed core to gravel						
			@445.85 carb vn						
			446.30-448.00 Fault gouge parallel to core axis, v. soft ground GRDR, pyritic (1-2%) generally assoc w/ carb vning, but also dissem in gouge.						
			450.30-451.10 Frac zone, fracs // to CA						
			451.25-452.15 Fault, w/ gouge.						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
453.90 – 454.75	ANDS, dk greenish grey, fine grained	v. rich epi + chl obund qz-carb vnlts. rare hem.	Contacts irregular						
454.75 – 459.40	GRDR, v. sheared	Strong epi-qz-chl alt^ Frac-fill carb vning minor hem on frac sfcs.	@455.40 wk crackle bx w/ carb infill 455.50–455.65 broken core w/ qz vns Vns are ~ 5mm w/ py ± gal + chl + epi. Some gouge between vns. @457.50 Strong shear w/ carb, chl hem; qz (30-45°CA)						
459.40 – 460.50	Mixed zone of GRDR + ANDS (sheared). Strong epi alteration.	457.50–458.45 Strong epi fracturing w/ carb + qz vnlts.	460.00–460.50 Strong epi w/ qz-sx vns @ 460.1 and 460.2 w/ cpy-sph-gal. Also some cpy assoc w/ fars + dissem. Epi + chl also in vns						
460.50 – 469.70	ANDS, dk green-grey, v. frac'd & pt heal w/ epi and to lesser extent carb. qz (second phase)	Strong epi + chl	461.45–462.95 v. strong epi-rich shear zone w/ main shear @ 462.80 (carb-qz-hem-chl) @463.55 qz-sx vn, 60% sx (py-sph-minor gal) 5mm/18°CA 463.75–464.15 Strong epi, bx'd						
	464.55–464.80 GRDR frag	464.95–465.35 v. strong epi	@465.35 47°CA shear w/ gouge, carb + chl + epi, ~ 2cm wide. @467.25 carb vn, 1-1.5cm/40°CA w/ chl; orientation perpendicular to qz-sx vns below.						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	(ANDS cont'd)		@467.60 qz-sx vn (50% sx) py,gal,sph, cpy; 3-5mm/15-20°CA.						
			@467.75 qz sx vn (50% sx), sph, py,gal, cpy 5mm/15-20°CA						
469.20 - 471.55	GRDR	wk potassic Strong propylitic Mod. chlorite	Two vns described above are connected by low angle to CA qz vn w/ sx						
			@469.30 - narrow qz vnlt w/ pass gal 2mm/22°CA.						
471.55 - 473.40	Shear zone of both GRDR and ANDS	Abund epi (strong)	472.50-473.40 low angle to CA fault w/ gouge.						
473.40 - 498.70	ANDS.		@471.50 qz-sx vn, py-gal-cpy-sph along lower fault contact, minor cpy in gougy material.						
			475.70-476.05 Carb hem wk crackle bx.	4803	475.7 - 476.7	1.00	317		
			@476.40 sx-qz vn 80-90% sx of sph-py-gal 7mm/35°CA; small fault w/ carb veining immediately below w/ minor gouge						
			476.46-478.40 Fault, occ v. broken, gougy, carb vnlts.						
			@476.90 qz vn w/ minor sx py+gal; also chl-ser; 6mm/50°CA disrupted						
			@477.70 carb vn 2cm/60°CA w/ w/r inclusions.						

2 of 2

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	(ANDS cont'd)	479.25 - 489.17 abund epi alt^{n} along fracs, minor carb veins	479.25 - 479.90 Strong epi - qz vein + Shear zone; offsetting shows "lifeps", appears poss. GRDR Sx near qz vn and along frac planes (py-gal-sph) plus hem. ~30° CA.  Below shear, continued epi - qz - carb hairline fracs @ 484.15 v. rich epi fragS, may be GRDR completely epi-altered w/ minor potassic alt^{n}. @ 488.60 qz - epi vn, disrupted & offset w/ cpy. @ 489.20 qz vn w/ minor py, offset a discontinuous; local Sx walls w/ py + gal @ 30° CA. @ 489.35 irregular qz vn, barren, white, massive, ~5mm wide						
489.70 - 511.28	GRDR		@ UC 489.70 - 492.05 faulted, gouge rock w/ locally competent v. epi-altered.						
		Qz vns w/ patchy dk green chl w/ py lins and py w/ magn lins.	492.05 - 494.29 qz vning w/ rich epi alt^{n}; vns are nearly parallel to CA and contain local patchy distrn py, magn. Also minor cpy, gal, sph.	4819 4820	492.86 - 493.62 493.62 - 494.29	0.76 0.67	[illegible]	[illegible]	

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
		494.29-498.04 wk to mod potassic alt'n, though localized	494.29-498.04 incr. broken rock w/ carb vning, less qz and rare sx. — core completely fragmented from 496.40-497.92.						
	@ 498.50 dk grey-green-black ANDS frag w/in GRDR; also narrow qz-carb-epi vn/lt along contact (?)		@ 498.05 Carb vn, ~ 2mm						
			499.00 Strong epi fracturing w/ broken core & minor gouge. @ 499.20						
			@ 505.28 qz-sx vn (50% sx) w/ py+gal+sph, 3mm/35°CA						
		@ 508.50 V. strong epi over 10cm.	@ 506.00 sx-qz vn w/ cal, sx is py.						
			@ LC of GRDR, faulted broken core						
511.28 – 512.67	ANDS dyke., abund epi fracs, minor carb vning.								
			@ 512.5-512.67 faulted, broken core						
512.67	END OF HOLE								

CME

Project name: SKUKUM
Project #: CP56A
D.D. Hole #: SC01-3

Length (m): 269.44
Grid: KUHN (RIDGE)
Dip: -62°
Azimuth: 350°
Core size: HQ

Contractor: CARON
Northing: 6670690.69
Easting: 477368.21
Collar Elev.: 1779.10

Hole survey type: DIGITAL MULTISHOT
Started: Oct 3/01
Completed: Oct 8/01
Logged by: TV
Date logged:

Depth	Dip	Azimuth

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0 - 3.77	Casing								
3.77 - 6.00	Overburden								
6.00 - 56.00	GRDR, med-grained equigranular, locally xenolithic, magnetic; amphiboles accessorially v. large (up to 1cm)	Wk propylitic alt^{n} forming banded appearance. Wk-mod chloritic alt^{n} of mafics 47.40 - 49.60 argillic altered, green core, finer-grained w/ occ. purple carbonate vns w/ more intense arg alt^{n} in halo, pervasive @ 49.45.	@17.70 2mm/60°CA py-carb vnlt w/ arg alt^{n} halo ~1cm wide w/ dissem py in wlr and in vn; minor hem. @29.15 closet of chalcedony qz, med-grey ~5cm wide @52.80 closet of pink dyke material (pegmatite? or aplite?) @54.00 shear, w/ oxidized gouge 1cm/35°CA						
56.00 - 67.60	ANDS, porphyritic, med-dk green-grey; fsp phenos + carb-epi altered.	Epi alt^{n} w/ incr. intensity w/ depth.							
67.60 - 96.00	GRDR, as @ 6.00-56.00	Wk-mod prop. @69.30-69.55 fine-grained silt+epi zone. 75.05-75.45 epi-rich zone	@72.90 minor carb-hem-qz vnlt w/ dissem py. @74.90 qz vn, wht w/ chl selv. 4mm/55°CA 76.30-76.70 fine-grained shear (?) w/ offset chl stringer and carb vn in opposite orientation (shear 45°CA, vn 45°CA)						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
		84.10-84.30 minor oxidation, incr. hem alt'n	@83.40 alaskite/aplite dyke, 10°CA ~2cm wide.						
		88.90-90.35 epi rich zone wk-mod potassic	88.90-90.35 wk bx/stockwk.						
			@90.65 alaskite 2cm/32°CA, frac offset by 2.5cm						
		91.45-92.35 banded prop alt'n	@91.45 alaskite 1cm/25°CA						
			@92.60 pair of alaskites 1.5cm and 1cm 30°CA						
			@92.95 alaskite 1cm/30°CA						
	95.30-95.60 ANDS injected along fracs in GRDR		@93.50 qz vn, barren, pinches out, ~7mm/35°CA						
97.15-99.20	ANDS	epi+chl rich w/ local carb veining (frac-fill), barren and w/ some w/r frags	@UC, v. low angle to CA (~5°)						
			@98.90 carb-qz vn w/ gouge on either side, ~7-10cm, clay-altered (kaol?)						
99.20-102.35	GRDR								
	99.20-100.65 relatively sheared, soft core w/ carb-hem (purple) veining, shear textures at low angle to CA.								
	100.65-102.35 med-crs grained, unsheared.	mod prop mod chl							
102.35-104.05	ANDS		@UC sharp 60°CA						
			@LC sharp ~35°CA						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
104.05 - 105.80	GRDR								
105.80 - 106.30	ANDS		@ UC ~15°CA @ LC ~65°CA						
106.30 - 107.55	GRDR, locally small shear textures; epi+chl abundant in shears.								
107.55 - 108.75	ANDS		UC/LC sheared, abundant hairline, epi frac-fills.						
108.75 - 111.70	GRDR	mod propylitic							
111.70 - 121.65	GRNT or QZMZ, pale, bleached looking w/ v. minor mafics <5% and abundant qz.	wk-mod potassic	@ UC abnd red hem alt^n, sheared qz w/ epi + carb. 11290-11310 broken core 11805-119.30 low angle to CA epi-rich stringer vn/shears. 120.25-121.65, incr. shearing, incr. chl and bleaching toward LC						
121.65 - 125.85	Mixed phases of GRDR to GRNT/QZMZ 121.65-123.05 GRNT/QZMZ 123.05 - 124.60 GRDR 124.60 - 125.85 GRNT/QZMZ	wk-mod potassic in GRNT/QZMZ Mod prop in GRDR							
125.85 - 129.10	ANDS, med-dk green grey, v. fn grained	epi+chl (mod) alt^n minor qz-carb frac-fill vnlts.	@ UC abnd epi shears for 20cm @ 40°CA.						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
129.10 - 130.15	RHYL, tan coloured, spherulitic								
130.15 - 132.30	GRDR/GRNT, bx'd w/ fragments up to 3cm, bound in pale green chl-epi-qz-carb matrix (med-grained)		@132.10 qz rich zone in GRDR (parallel @ 30°CA)						
132.30 - 133.30	RHYL dyke, spherulitic and banded (banding 35°CA)		wk dissem py in interval. uc/lc sheared w/ rich chl.						
133.30 - 142.20	GRDR, lt grey, med grained	wk prop - banded.	@136.75 carb-hem qz vn 1-3mm / 35°CA purplish w/in 13cm wide argillic alt^{n} zone (chl+serin musc)						
	140.50 - 142.70 GRDR, fine-grained, bleached silicified, rare mafics, or completely chloritized								
142.20 - 147.15	ANDS, non-porphyritic	V. epi rich; epi is patchy and frac-controlled.	@ uc 70°CA (intrusive)						
			143.40 - 143.90 faulted, broken core, abund chl-carb-epi fracs/vn lts.						
			@145.05 chl frac/stringers w/ assoc py along frac orientations (60°CA)						
			@146.85 carb-qz-hem vnlt w/ py ~3mm/35°CA						
147.15 - 151.70	ANDS / GRDR contact zone. ANDS @ low angle to CA from 147.15 - 148.70; ANDS is soft, bx'd and gougy along contact (~50°CA) GRDR is competent, rel unfrac'd; wk potassic and prop altered. Irreg contact below 148.70 w/ various pieces of AND & GRDR at different orientations								

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
159.70 - 159.80	GRDR, rel unaltered	wk prop, chl, carb, but incr. w/ depth	@159.60 qz-carb-sx vn, 5-8mm wide w/ up to 80% sx (py+sph) 20°CA Dissem py in alt^{n} halo around vn (~3% py) @153.05 shear w/ qz-carb vning and sx (py+sph) up to 15-20%, ~20°CA 5-7cm w.ide. @154.00 sx vn w/ nearby parallel epi-chl stringer w/ lesser sx; 2mm/30°CA (sx is comminantly py, poss sph.) @155.65 rare dissem gal w/ py (<<1%) probably assoc w/ fracs of epi + qz flooding @156.20 low angle epi-carb-chl shear w/ minor py and dissem gal (rare), local parallel frac w/ epy @157.10 chl stringer/patch w/ epi 158.70 - 158.95 series of chl rich vns w/ carb + hem @158.95 ANDS xeno.						
159.80 - 161.60	ANDS	chl-carb-epi frac network carb tension fill							
161.60 - 197.05	GRDR 168.80 - 170.80 sheared GRDR, arg alt^{n}, qz carb vning, rich epi + chl, 1% py		@161.50 chl-epi-qz shear 3cm/30°CA @174.25 epi-carb tension fill, core pyritic below ~ 10-20% py w/ abund mag. @176.40 white massive qz vn 1cm/40°CA						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
			@177.10 chl-epi-qz-carb shear ~10cm/35°CA						
			@179.15: qz-sx veining w/ gal ± sfg. in arg altered GRDR						
	179.25-179.35 ANDS (?) frag, dk green homogeneous, also narrow ANDS dyke @ 180.00, 2cm / irreg. orientation		@179.80 qz-sx vn, rich py to 60% w/ poss sph ± moly.						
			@182.80 carb vn, slightly vuggy 3mm/30°CA just below is chl-py vn/stringer 4mm/35°CA (oriented ~90° to above)						
			183.15-183.45 broken core.						
			@183.30 4mm carb valt.						
			@184.00 narrow py-chl-carb valt/shear 3mm/31°CA						
		184.30 → mod prop alt^n	@184.30 strong epi over 15cm.						
		186.85-187.35 Arg-altered zone w/ strong epi, centred by narrow potassic(?) shear ~1cm/40°CA							
		189.00-190.30 Arg alt^n, centred on 189.90-190.00 by "swirly" epi w/ up to 10% py + dk green chl, frac w/ gouge							
			@191.15 py seam, ~2-3mm/35°CA						
			@192.50 shear 30°CA w/ arg alt^n halo.						
197.05-199.70	ANDS, porphyritic,	mod chl	Approx 5% dissem and frac-controlled py, assoc w/ epi patches						
199.70-200.20	GRDR	mod prop.							
200.20-205.90	ANDS, as above	wk-mod sil w/ qz-carb frac valts wk chl wk-mod epi	Dissem py ~5%						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
205.90 - 213.35	GRDR, wkly sheared	mod chl mod prop mod arg wk-mod potassic wk-mod sil.	@UC faulted broken core 205.90 - 207.00 Faulted. @210.45 narrow carb valt, minor dissem py (<1%) w/ py halo ~ 2cm wide w/ 5% py.; also @ 210.05 w/ 10% py. @211.05 shear, ~10cm/40°CA w/ epi-chl-qz-carb @212.80 strong shear, continues to 213.35 between is sliver of oxidized GRDR (fem + lim alt?)						
213.35 - 215.85	ANDS, v fn grained w/ qz-carb stkwk/bx black phenos, rare py		214.55 - 215.75 Fault, oxidized fracs (hem + lim)						
215.85 - 218.80	RHYL, greenish - tan coloured, frac'd & healed w/ silica ± carb, minor banding though almost obscured	wk oxidation on fracs.							
	217.50 - 218.80 brecciated RHYL w/ strong qz-carb vn/bx, 2% minor py cubes, along fracs and dissem		217.50 - 218.80 bx'd RHYL w/ strong qz-carb vn/bx, 2% py cubes along fracs & dissem.; also dark blue-grey fine-grained mineral in fracs (gal?) from 217.80 - 218.30						
218.80 - 219.35	ANDS.	wk-mod chl.	@ LC fault gouge (cataclastic?) 2.5cm/40°CA						
219.35 - 220.55	GRDR, strongly sheared/foliated		@ UC sharp 60°CA @ LC sharp 45°CA, sheared (cataclastic?)						
220.55 - 225.05	RHYL, pale green/tan, banded 35°CA, localized sx valts. 224.90 - 225.00 ANDS sliver between RHYL/GRDR		@ 222.55 banding offset + bx'd. RHYL w/ sx valts infilling (py ± gal)						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
225.05 - 229.30	GRDR, sheared 227.69 - 228.10 Crs-grained GRDR, broken. 228.10 - 228.40 sliver of ANDS (uc ~ 18°CA) 228.40 - 229.30 GRDR		@ uc sharp 60°CA Abund chl-carb vnlts w/ purple hem-carb vnlts w/ minor dissem py. 227.57 - 227.69 shear/fault 50°CA						
229.30 - 230.25	RHYL, soft, bxid, white to light tan.		@ uc 2.5 cm / 30°CA gouge, sx? (fine dk grey material) 230.10 - 230.30 dk grey, fine-grained, soft core, pass sx in gouge						
230.25 - 230.70	GRDR, soft, foliated, sheared.								
230.70 - 230.90	ANDS(?), fine-grained, green-ish, soft upper/lower contacts sheared/gouge.								
230.90 - 238.55	GRDR (?) v. sheared, no original texture	clay-altered (?)	~ 2% dissem py over interval @ 233.50 fault/gouge ~ 30°CA @ 236.50 - 236.60 ductile shear, fine-grained, probable sx concentration of py/aspy @ 236.55 237.05 - 237.35 shear zone w/ qz-carb + py + aspy ~ 5-10% combined @ LC soft oxidized core, lots of lim + hem w/ minor qz frags; sharp contact below						
238.55 - 240.58	HLBX; sheared GRDR and pass Bended RHYL w/ localized QZ-SX-BX; dark grey to med green		@ 238.85 QZ-SX-BX, ~30% Sx of py, aspy, gal + sheared qz and probable sph. @ 239.85 QZ-SX-BX, as above.						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
			@240.35 cataclastic bx 5cm/40°CA w/ 30% py in fine-grained matrix w/ qz. fsp frags.						
240.58-241.70	GRDR, bx'd to HLBX, lt green, extremely bx'd w/ chl fracs, (V. similar to bx style in SC01-4 and 86-K3)		@UC sharp but irreg. Rare BX @LC sheared ~83°CA						
241.70-242.30	ANDS, wk bx/frac, carb. qz vnlts.	Oxidation along fracs.	Approx 5% py along fracs & vnlts.						
242.30-243.15	GRDR, sheared to bx'd.								
243.15-244.50	RHYL to RHDC(?), faulted, broken.		@243.35 Sx?, bx, ~1.5cm wide, dark grey bx matrix						
244.50-269.44	GRDR, sheared to bx'd., becoming more competent toward end of hole.		@245.90 1.5cm/5-10°CA qz-Sx vn, bx'd, 30% py, poss sph + asPy						
			@247.80 soft core, locally abund py (2-3%) w/ abund qz, arg (seri) alt'n (lt green), also oxidation on fracs.						
			@253.70 abund qz w/ rich chl seams in highly frac'd GRDR; patch of py assoc w/ fracs (~5%)						
		258.00-258.00 strong epi+chl local potassic (mod)	258.60-258.95 oxidized fault frags						
			236.04-264.63 oxidized fault frags with low angle to CA fracs below 264.63 and minor clay gouge.						
			@265.85 low angle to CA qz vn w/ 5-10% py, poss asPy to 5%, ~7.5cm/5-15°CA						
269.44	END OF HOLE								

CME

Project name: SKUKUM
Project #: LPS6A
D.D. Hole #: SC01-4

Length (m): 300.53m
Grid: KUHN (RIDGE)
Dip: -47°
Azimuth: 145°
Core size: HQ/NQ

Contractor: CAPON
Northing: 6670953.38
Easting: 477303.53
Collar Elev.: 1692.10

Hole survey type: DIGITAL MULTISHOT
Started: Oct 9/01
Completed: Oct 15/01
Logged by: TV
Date logged: 10/23/01

Depth	Dip	Azimuth

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0 - 3.20	Casing								
3.20 - 8.75	Overburden - GRDR w/ oxidized rugs.								
8.75 -	GRDR, med. grained equigranular. Locally coarse-grained and fine grained. Xenolithic, though not abundant, magnetic (quite strong)	wk-mod propylitic wk potassic wk-mod chl							
12.05 - 13.65	Coarse-grained GRDR, mod potassic and bleached								
		@13.45 Strong Fe-oxidation, slightly wggy, pass low angle qz vn	@16.78 disrupted qz vn or frac-filling fine-grained qz (chalcedony) + carb + fine green chl (<3.5cm / 33° CA) @17.15 pale green epi-altered alaskite(?) 15cm / 25° CA @19.50 slightly vuggy core oxidized and fracs immediately above. @20.80 pass highly oxidized, vuggy carb-qz-chl vn, only brown sil remains @26.30 epi-qz vnlt 1mm / 25° CA w/ 1cm epi alt° halo. @28.00 qz-epi vn/vnlts 1.5cm / 44° CA 28.60 - 35.20 mod-strong epi fracturing w/ narrow vnlts and alt° halos.						
		33.45 - 33.80 bleached, altered zone, wk potassic, epi fracs + frac plane w/ minor gouge ~ 10° CA							

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	35.20– competent core, wk prop, chl, carb incr. xenos of AMDS/DIOR up to 10cm wide @39.30 7cm section of almost pegmatitic texture on one side of core; assoc w/ strong epi fracs.	49.05-49.90 oxidation zone w/ arg. alt^{n} – oxidized joint? vuggy with abund lim.	@50.05 qz flooding/bx around xenos w/ local epi fracs, pinkish "potassic" qz. @54.05 shear w/ vnlts and dissem py ~5% 54.15-54.20 oxidized joint (?) vuggy, limonitic, both @ 55°CA. @58.25 purple hem-carb frac w/ dissem py in "halo" + dissem in va/frac, vnlt ~2mm wide. 61.50-74.40 increased shearing in core GRDR w/ v. wk folⁿ, narrow vnlts and dykes w/ zones of strong shearing by epi+chl ± qz (Probable start of King Canyon Fault.) @64.40 epi-chl-qz shear 1cm/55°CA @65.35 qz-carb-chl tension fill vn, 2-4mm wide					
	66.50-67.10 minor bx GRDR, arg. alt^{n}, fragmented + healed w/ qz.	@67.70 strong epi fracs w/ epi + arg. alt^{n} halo ~20cm wide/ 60°CA	69.-69.20 Strong shearing (carb-hem vnlts-purple) + musc/seri and qz wk bx.						
	74.40-75.65 pale pinkish to red, highly sheared bleached core w/ minor chl (<5%) QZM2? abund qz+fsp, contacts are sharp, sheared, irregular.; chalcedony (brick-red colour) @ upper contact; sheared alaskite dyke?								

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
75.65-76.25	Bx'd, sheared GRDR (pink-red purple low angle bx)								
76.25-93.20	RHDC to RHYL; med brownish-green, v. fn grained and competent; porphyritic w/ fsp well-developed to ragged and altered - probable sanidine (p.ut) fsp. 85.20-86.45 no phenos, fn-med-grained w/ chl stringer, generally oriented at low angles to CA (5-20°CA) - may be sheared. 91.60-93.20 phenos decr, lighting banded core (~35°CA)								
93.20-94.75	GRDR								
94.75-96.20	RHDC/RHYL, bx'd (weak) @ UC. abund carb fracs, minor hem on frac sfcs, LC is darker, grey rich-grey, almost andesitic								
96.20-120.51	GRDR - competent, equigranular. Very fresh looking, xenolithic	wk prop, chl alt^n 104.90-105.25 Oxidized zone w/ oxide in fracs, strong (lim+hem)	@105.00 qz sx vn in oxidized zone vuggy w/ oxide on fracs. Py + aspy disem in vn ~ 10% combined; frac sfcs w/ red-brown Fe-oxide, also black oxide, pass As-oxide Vn is 5mm/55°CA, py halo up to 3cm wide — POSSIBLE TAXI ZONE VEIN (SIMILAR CHARACTER)							
	106-106.80 Finer-grained (sheared) GRDR.	106.00-106.80 v. chl w/ minor carb stwk and frac'd/faulted core w/ lim+hem staining @106.30	Carb vnlts, 1-3mm/55°CA.						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	113.35-113.60 Fine-grained, sheared, sil-rich 114.30-114.85 Sheared GRDR, epi frac's. 115.00-115.85 Sheared GRDR, poss ANDS? but appears too crs-grained ~ 50°CA [Reduce to NQ @ 114.91 m]		109.45-109.90 Foliated GRDR ~65°CA 117.40-117.85 oxidized vn/frac along CA w/ py+lim (v. narrow) @118.50 narrow carb-qz-magn vnlt. 1-2mm/10°CA, x-cut by epi selvld carb-chl vnlt, 3-4mm/55°CA -below vnlt, v. fn grained, "diuntic" texture						
120.51-120.87	RHYL dyke, pale-pinkish brown, spherulitic, white.	chalcedony alt^{n}, epi fracs. Spherules cored by chl ± epi	@UC 40°CA @LC ~50°CA						
120.87-122.35	GRDR								
122.35-123.65	RHYL dyke, spherulitic, as above, Spherules foliated 50-65°CA.		@UC 50-60°CA @LC 45-50°CA						
123.65-130.05	GRDR, med-grained, locally fine grained	Chloritic							
130.05-131.05	QZMZ? HORZ? , pinkish, qz-fsp rich w/ minor chl. Small vugs in core; poss-weathered out carb.		@UC sheared 55°CA Stibnite dissem throughout, poss aspy - 5-10% cubic to slightly acicular. @130.50 qz vn frac-fill + Sb/As? @LC ~55°CA						
131.05-131.70	RHYL, spherulitic, sheared UC/LC		@ contacts, slightly chalcedonic Banded spherules 65°CA @LC 60°CA Sb/As? near contact. patchy disseminations (not sheared)						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
131.70-221.25	GRDR, competent fine/med grained Localized crs-grained phases of GRDR. w/ 2-4mm qz-fsp+chl grains 149.80-149.00 large ANDS xenol (70-25cm)	chloritic w/ wk epi 157.00 → incr. wk potassic alt^{n} of fsp., slight incr in prop alt^{n} intensity 166.35 Mod-strong oxidation of core, bright yellow-orange limonite/jarosite patchs from 167.95-168.15, also localized on frac sfcs.	@148.12 shear, chl-epi 157.50-157.65 Broken faulted core? epi shear texture. 166.35-166.80 Br & chalcedony vn w/ lim gouge & lim alt^{n} into w/r vuggy where carb gone, v. soft. gouge w/ qz frags, Vn ~ 7cm/45°CA Core more frac'd from this point. @169.35 frac'd, gouge						
	170.50-170.70 Porphyritic GRDR, large rounded fsp up to 1cm 170.70-171.55 V. fn grained sheared GRDR		@171.55 qz-carb vn w/ v. dk brown alt^{n} mineral (Fe-carb?), reacts vgorously w/ HCL; broken core @ vn 4mm/55°CA 171.95-172.15 v. broken core, v. gougy. 171.40-174.80 v. broken core, dark sheared GRDR frags. @176.40 frac'd core, dk sfc coating w/ malachite @176.30-176.40 qz vning, one vuggy, other w/ patchy dissem py ~5-10% 176.58-176.80 py vnlts., broken cor. 177.00-177.70 [4960] qz vnlts + py vnlts, oxidized w/ red hem/lim, vns up to 10mm w/ py; w/r highly frac'd and filled w/ py. 179.40-180.90 frac'd core, mod carb vnlts. wk oxidation						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
		181.20 - 187.50 v. strong, epi-chl alt^{n} of core esp from 182.20-187.50 182.50 → mod-strong epi-chl alt^{n}, hailine frac'd w/ epi.	180.90-181.20 SX-QZ BX, 60-70% sx (aspy, py, gal, sph), oxidation of py along fracs, UC/LC ~ 75°CA, some clay/(epi/ser) alt^{n}; contacts sharp and oxidized. (PASS SECOND ZONE) @182.60 qz-sx veining w/ abund py and lesser galena; series of close-spaced vnlts over 5cm probable sph± aspy, ~65°CA @183.40 carb-qz-sx vn w/ py, gal, sph. aspy, cpy; epi along selv., ser alt^{n}; discontinuous & irreg. bx, but low angle to CA, ~2mm. 185.55-185.65 oxidized fragmented core fault/joint @188.00 oxidized gouge/fault, yellow lim/jarosite? w/ qz-sx vn/bx, ~1cm; py+gal ~50%						
	GRDR texture, almost obscured in areas w/ strong prop+ chl alt^{n} and wk-mod potassic. fsp rim be seen, mating appearance porphyritic 202.15-202.50 crs-grained GRDR.		@192.15 frac'd core 196.25-196.40 oxidized frac'd core @197.80 carb vnlt, white 2mm/60°CA						
	203.80 — Crs-grained GRDR w/ localized epi-chl shears and FANDS xenos up to 20cm magnetic	Mod prop. Mod-strong chl wk-mod potassic	@201.65 shear, broken core below ~20cm 202.95-203.07 Vein 9cm/50°CA, "smoky" qz w/ abund epi-filled fracs. 203.50-203.80 Frac'd, faulted core; fracs down CA w/ minor gouge matl						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	210.05-210.45 ANDS frag, does not cross core completely., dark green fine-grained.	211.50-215.70 moc potassic	@211.30 epi shear/frac zone.						
	@216.45 ANDS frag? w/ epi on contact. (LC)		@214.45 epi-shear/frac sfc, offset by frac 2cm						
	217.00-219.20 ANDS.		@218 strong epi-qz-chl shear ~40°CA						
			218.30-221.65 core softer, more broken w/ fault @ 220.10-220.40.						
221.25 - 223.30	ANDS								
	221.85-223.30 v. broken.								
	(Start of Kuhn Structure)								
223.30 - 235.92,	GRDR		@223.50 Faulted, broken core, strong shearing throughout w/ fairly regular spaced epi shear zones ± gouge ± Sx (rare), minor veining, generally carb + chalcedony, open space filling, textural veins						
	226.80-228.35 Pale bleached GRDR		@227.60 qz-carb-sil-chl Sx VN 1.5cm/30°CA, ~10% patchy dissem py						
			@228.55 strong shear w/ gouge + carb + chalcedony ~48°CA						
			@229.30 purple red hem-carb in carg w/ local carb VN, irreg, pinches out) ~85°CA						
			230.65-231.34 Fault, v. broken core.						
			@232.00 qz VN w/ chl selv + carb/hem; sheared ~35°CA, 2cm wide, v. rare Sx						
			@232.85 similar VN to above 2cm/40°CA						
	233.10-234.25 ANDS, sheared, faulted. Bx'd w/ carb stwk (tension fill)		233.50-233.60 v. ggy carb VNs w/ chalcedony						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
			@233.90 gouge w/ carb vning; fine dissem cubic py						
			@234.15 carb vn 1cm/30°CA w/ py along selve in w/r.						
	234.25-235.92 Sheared GRDR v. broken, gougy @ LC, UC also broken 3-5% patchy dissem py.		234.20 5x vnlts, ∥ to vn above; 10-15% py, poss sph in qz-carb "matrix" ~20°CA / 2cm wide.						
235.92 - 238.81	RHYL dyke w/ 5x vnlts (dark grey) fairly random orientation; some oxidized frags.		Fine-grained py ~5% overall, locally up to 10%						
			@236.08 dk grey narrow shear/DX w/ carb frags 12mm/65°CA						
			237.61-237.85 Wk qz-5x DX w/ mostly carb + dissem fine py, poss asPy.						
238.81 - 245.70	HLBX, generally green matrix w/ variable frags of GRDR, RHYL (incl. spherulitic) and ANDS healed w/ qz-ccrb-chalcedony. Localized zones of RHYL w/ 5x vnlts + vns.								
	239.70-242.06 RHYL w/ 5x + occasional vuggy chalcedony vns; up to 20% 5x, dominantly py w/ poss tr. gal + sph.		@243.30 Large carb vn, no orientation. 1.5-2cm wide						
245.20 - 245.95	RHYL bx w/ 5x (~10%) with dark grey fine-grained vnlts - poss gal.								
245.95 - 246.45	HLBX / BX GRDR								

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
246.45 - 247.15	Dark grey HLBX		246.45-246.75 Qz-sx-bx, fine py+ aspy? and gal?, fairly wk intensity Foliation of bx ~40°CA @ 247.10 ; 7cm black amorphous mineral, massive						
247.15 - 247.90	BX GRDR, v. strong intensity		Minor py, frac'd.						
247.90 - 250.35	BX, matrix supported, light grey, v. soft, UC faulted and gougy. Poss RHYL, partic toward end of interval		Minor dissem py. (<1%)						
250.35 - 250.70	Banded RHYL w/ sx vnlts, py+gal, poss aspy., highly frac'd.								
250.70 - 251.40	BX'd RHYL, soft core, highly frac'd.								
251.40 - 262.70	RHYL, variably banded to locally bx'd., banding ~40°CA, mod dissem py (cubic, patchy, evenly dissem <1%) Local sx vnlts w/ gal(?) + py. 259.35 - 260.20 ANDS(?) gradation for RHYL-ANDS; mod carb-qz vnlts, fine-grained, med-dk grey		254.20 - 254.50 Strong bx w/ RHYL + qz + fsp in light to med grey matrix.						
262.70 - 264.30	GRDR, strongly bx'd, pale greenish, similar colour to RHYL but coarser texture.		Carb vnlts, frac-filling, down CA, rare sx vnlts.						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
264.30 - 275.25	GRDR, bx'd to sheared.		@UC fault gouge Abund qz veins to 264.70, vn disrupted w/ grey gouge + dissem py + gal = aspy(?) 1cm/50°CA, fault gouge plane is parallel						
	264.30 - 268.30 strongly sheared	264.30 - 268.30 GRDR texture obliterated w/ mod propylitic, wk-mod argillic and chl alt^n numerous sub-mm carb vnlts.	@267.95 narrow carb-hem vnlt w/ py						
	268.30 - 275.25 less sheared, med-crs grained	268.30 - 275.25 mod-strong chl, wk arg, wk-mod prop.	270.05 - 270.45 low angle hem-carb vnlts w/ py, 5mm/25°CA + 3mm/20°CA + 2 discontinuous, irregular, white carb vns ~2-3mm/50°CA						
	@273.45 bx'd or porphyritic(?) GRDR.								
275.25 - 276.10	ANDS, frac'd, sheared w/ relatively abundant carb tension-fill vnlts, irregular and discontinuous.; also minor chl vns and purple hem-carb vnlts and patches.	chl - mod carb - mod-strong.	@UC 30-35°CA @LC ~35°CA, opposite orientation to above						
276.10 - 300.53	GRDR, med-grained	mod-strong chl wk-mod prop wk potassic	wk dissem cubic py assoc w/ hem alt^n						
		zones of hem (red/purple) alt^n partic @ 277.70, 279.30 and 278.65-278.85	287.65 - 288.10 sheared w/ carb+chl vnlt and zone of strong epi over 9cm, ~45°CA @290.27 Fault gouge ~5mm/45°CA @290.60 Pale GRDR (silicified) w/ 1mm py vnlt ~80°CA. @292.70 epi stringer ~5mm/20°CA						
		~290 - 293 propylitic alt^n banding							

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	296.70 - 300.53 mod-cis grained GRDR typical HW GRDR	296.70 - 300.53 mod propylitic - banding, wk-mod chl 296.70 - 297.05 mod-strong. pervasive propylitic alt^n around 2-3mm qz vnlt w/ py in vn and patchy dissemination in w/r.	293.65-294.65 core frac'd down CA, forming long "spears", fracs ~ 5-10° CA 295.75-295.95 core frac'd as above.						
300.53	END OF HOLE								

APPENDIX V

DIAMOND DRILL LOGS

b. 1997 Relogged Drillholes

TV - Logged
08/23/01 - 08/29/01

Omni Resources / Trumpeter Yukon Gold

Diamond Drill Core Log

Hole # RG97-1

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au ozt	Ag ozt
0	3.05	CASING.															
3.05	53.04	Moderate [illegible] alteration, variably [illegible] ground. Chl-ep[illegible] common; wk → moderate [illegible] ~ 1 cm); occasional xenolith (dk green fn grained)															
		4?? (3.66—4.97 Core [illegible])															
		@ 7.20 qz vn: 5mm – 1cm wide, 40° CA. [illegible]															
		@ 13.05 Fault 5-10cm, heavily ground core.															
		13.71—14.4 Frac'd blocky core, breaks @ 45° CA															
		@ 15.5 Small 4mm qz vn 85° CA															
		@ 16.1: Small 4mm qz-cc vn w/ py dissem [illegible]															
		@ 17.4 [illegible]															
		22.2—22.8 V. broken core, some ground															
		@ 25.8 qz cc vn w/ chl ep[illegible] 45° CA															
		@ 26.1 qz-cc-chl-epi zone, ~ 10cm wide w/ tr. py															
		@ 26.65 – 27.1 V. Broken core, some ground															
		28.4 - 28.65 Zone of fine cc veinlets in rich ep[illegible] alteration, low angle to CA (~ 20°)															
		Prop alteration incr to fairly strong, incr occurrence of ep[illegible] to local large clots/veins ~ 1cm wide															
		32.85 – 37.1 Incr ep[illegible], core bleached w/ ep[illegible] stringers. Ep[illegible] green 1-5mm veinlets. Many small microfiber filled veinlets															

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

Omni Resources / Trumpeter Yukon Gold

Diamond Drill Core Log

Hole # RG97-1

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au ozt	Ag ozt
		(cont'd) andesite w/ epi															
		37.1 - 37.35 - Heavy alt'n / shear w/ abund chl-epi chrysotile, some cavity gouge.															
		Gouge clay, shearing [illegible]															
		[illegible] core due to shearing															
		@ 38.25 large clot of chl-epi															
		37.65 - 37.8 sm fit / sm vnl, slightly oxidized + DX'd															
		@ 39.35 cc + oxidized lm? / hem? vnlts, discontinuous and pinch and swell due to small chl frac offsets															
		@ 39.95 fit + 5cm vein, oxidized 30-40° CA															
		40.2 - Magn in core (check), local 5mm magn/qz vnlts ~ 20-30° CA, pinch and swell															
		@ 40.9 qz-cc-hem-magn(?) vnlt 50° CA, 5mm bxl pockets ea!															
		@ 41.0 2.5cm pale pink qz-hem-cc vn. wl sm. cross cutting chl-epi frac's															
		@ 41.95 4mm braided chl-epi stringer 30° CA															
		@ 42.9 1-1.5cm braided / bx'd chl-epi vns. w/ local qz flooding (?)															
		@ Continued patchy qz w/ chl-epi + magn															
		43.9 - 44.0 Broken core - fault?															
		@ 44.8 Fine grained shear, v. chloritic + epi															
		45.3 - 45.4 V. fn grained green - pass RHYL? fragmented, on one side of core.															
		45.5 - 46.1 Oxidized zone of broken core - fault															

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

Omni Resources / Trumpeter Yukon Gold

Diamond Drill Core Log

Hole # RG97-1

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		@ 46.1 blue grey qz-cc vn, no distinct margins, increasing py mineralization (<1%)															
		@ 47.1 6mm-10cm qz-epidote vn w/ disc py in vein (up to 1mm), 15° CA. Py also occurs in wallrock up to 1%															
		@ 49.3 Frac'd, brec. qz-cc-epi-chl vn? w/ 10% disc py, 1-2cm wide															
		@ 48.8 Frac'd core.															
		@ 48.6 5m 2-3mm cc-qz vn 4 ~20° CA offset up to 2mm by chl filled frac.															
		(Below 46.1 py mineralization ~1% of rock, locally increases in small veinlets & vn margins)															
		@ 51.9 qz-cc vein vn ~40° CA. Frac offset of 5mm between vn.															
		52.75-52.8 Frac'd broken core @ low angle to CA (~20°)															
53.04	65.86	Mod to dk green-grey porphyritic andesite dyke. V. fg grained chloritic groundmass w/ ~10% white lagged fsp phenos - randomly oriented, recrystallized to seri? Upper/lower contacts sharp 35° CA. Lower contact w/ small zone pink hal alteration along CA of contact.															
		54.5 V. low angle frac w/ powdery cc infillings															
		59.1-59.8 Few to no phenos, Silicified increased chl + epi (shear?)															

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

Omni Resources / Trumpeter Yukon Gold

Diamond Drill Core Log

Hole # RG97-1

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		59.8 - 65.85 Phenocrysts decr, lower (up to 7mm, many ghosting, chl ± epi pervasive v. rare qz (vn?)															
65.85	112.10	Mod to strong propylitically altered CRYSP, crs to med grained															
		@ 67.7 1cm qz vn 20° CA w/ v. fine chl, silic + epi in vic locally v. strong. Vn shows 2 offsets of 5mm and 2cm minor hem in vn															
		(@ 69.85 Reduce to NQ)															
		70.6 - 75.9 V low angle fractures, cc ± qz ± py vns V fine chl + epi alteration															
		@ 72.45 qz-cc vns (2) w/ ~2-3% py, clots margins; 20° CA; some extremely fine py disem py															
		@ 72.9 blue-grey qz-cc vn w/ py frac filling some fractures of walls.															
		@ 75.75 3mm pink/white cc-hem-sulf vein w/ 10% py disem in vn															
		@ 82.4 5cm frac zone, brecc, cut, 5m 3mm qz-cc-chl vn															
		83.1 - 83.55 Frac zone, low angle fracs. @ 83.1 Rich clot of epi + qz. @ 83.5 Low angle qtz vn, 3mm 35° CA															

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

Omni Resources / Trumpeter Yukon Gold

Diamond Drill Core Log

Hole # RG97-1

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		88.1 – 89.1 [illegible]															
		w/ qz vn @ 88.7 20°CA, [illegible] py to 2-5%															
		[illegible]															
		@ 92.2 qz vn [illegible]															
		93.8 – 96.8 [illegible] GRDR															
		@ 95.4 [illegible] 45° CA															
		@ 100.25 [illegible]															
		102.1 – 102.4 shear zone, incr [illegible] GRDR															
		107 – 108.4 Strong [illegible], light green															
112.10	114.50	Flow-banded [illegible]															
		Contact ~ 15° CA, [illegible]															
		spherules, bumped.															
		2-3% py disem															
		Lower contact ~ 20° CA															
114.50		Propylitic (mod) GRDR.															
		@ 115.20 qz-cc vn, w/ [illegible]															
		~ 20° CA [illegible]															
		@ 119.70 qz-cc vein 4mm 40° CA w/ [illegible]															
		@ 122.6 qz cc vein 3mm, 20° CA w/ 5% py															
		@ 122.1 5mm qz-cc vn 17° CA w/ [illegible] *															
		[illegible] py w/s w/ [illegible] chl-cp															
		123.6 – 124.4 [illegible] vein w/															
		chl shearing 15-25° CA															

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

Omni Resources / Trumpeter Yukon Gold

Diamond Drill Core Log

Hole # RG97-1

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		@ 125.5 qz-cc-py in 2cm wide vn 40° CA										XJW					
		@ 129.4 qz (grey) - cc vn w/ py (~3-5%) 1cm ~ 45° CA										XJW					
		@ 129.5 qz - grey / clear crystalline cc + chl + py (2-3%) 15cm 45-50° CA										XJW					
		@ 132.9 5cm qz-chl-cpy-cc-py vn 30° CA; py in [illegible] vn, [illegible] disseminated										XX					
		@ 134.7 8mm qz-cc-py vn w/ [illegible] ~+3% 15° CA															
		@ 137.05 2 [illegible] Hosts ~ 50° CA															
		@ 137.20 1cm 26° CA qz chl-c w/ 2% py (cubic?)															
		137.2 - 139.2 Zone of qz vns w/ disseminated py in rock & vns; py locally is 15%															
		@ 141.1 py vn - w/ qz, ~5mm, 75-80° CA															
		@ 142 dk chl patch, [illegible]															
		143.95 - 144.80 Zone of [illegible] cc qtz vns [illegible]															
		@ 150.1 qtz-cc-py vn, 35° CA 5mm wide															
		@ 152.8 black chl - qtz-cc vn w/ 1% py; 1cm, 30° CA															
		@ 154.85 qtz-cc vn 12mm, 47° CA															
		@ 155.85 qtz-cc-chl-epi - py + cpy vn, dk cc in centre surrounded by qtz w/ rich py (10-15%) and minor cpy 15mm, ~35° CA; offset by 1cm by small chl fracture										XXX					
		@ 161.25 Zone propylitic alteration of QZDR (mineralized) [illegible]															

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

Omni Resources / Trumpeter Yukon Gold

Diamond Drill Core Log

Hole # 12G97-1

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		@ 166.05 5cm zone of [illegible] qz-cc (py vn?)															
		w/ minor 5x patchy diss py															
		@ 168.25 1cm wide [illegible] qz-cc vn w/ ~5%															
		py, 35°CA Surrounding very strong sil alt'n										✓					
		168.7-169.4 Several py-qz stringers up to 3mm										***					
		@ 168.9 [illegible] qz vn w/ 20-25% py diss in vn															
		~3-4mm wide, 45°CA															
		@ 172.2 Several small [illegible] qz-cc vn															
		@ 177.5 7mm qz chl [illegible] vn, 25°CA															
		180.95-181.80 Fract'd core (⊥ to core axis) in chl, poss															
		br, small qz vein @ contact 4mm, ~25°CA w/ minor															
		py and cpy(?)															
181.80	184.45	Highly fractured [illegible] ANDS dyke. Fracs															
		marked by chl stringers. Many of which dog. Major															
		fractures are parallel w/ CA core axis often [illegible]															
		[illegible]															
		Upper contact ~30°CA (broken) Lower contact 35°CA															
184.45	185.45	Mod propylitically altered GRDR															
185.[illegible]	192.32	ANDS [illegible] above upper contact 35°															
		(contact is [illegible] w/ 2cm of GRDR separating zone of															
		[illegible]															
		@ 191.85 narrow qz-cc vn 45°CA															
192.32		Weak to mod Prop - silicic GRDR (as															
		[illegible]															
		@ 193.4 35cm dk br? zone w/ small offset (~5cm)															

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

Omni Resources / Trumpeter Yukon Gold

Diamond Drill Core Log

Hole # RG97-1

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au ozt	Ag ozt
		@ 198.7 small cc-qz vn cut by 2 small fract sets 1 to 3mm. Vn is 2-4mm, 75° CA															
		@ 198.9 discontinuous qz-cc vn w/ wallrock + vn and minor py, po (1-2%). ~2cm wide															
		@ 204.3 Vn/shear ~1cm wide. qz-cc-chl vn + py fracs, disseminated ~5%															
		214.9-213 Fine [illegible] CA cc-qz, minor py (<1%)															
		215.0-215.75 ANDS dyke, probably is CA [illegible] host core, [illegible] Minor py, cc vns ~1cm, 1%															
		218.0-218.4 Fractured [illegible] CA, abund. cc veins, minor py/po															
		@ 218.7 Core shattered. ANDS dyke appears along CA vein 219.1															
		220.15-220.8 ANDS dyke. Contacts [illegible] (to [illegible]?)															
		@ 221.9 Smear, 6cm, 35° CA, [illegible] chl															
		@ 224.8 1/ low angle qz vn w/ chl + py (1%) and asPy (1-2%). ~2cm wide										[illegible]					
		236.1-237.6 Zone of darker brown veins and minor qz veining. Less prop alt'n. QZ vns/vnlts w/ py, asPy? ± cPy?															
		@ 245.6 5mm, 25° CA qz-cc-chl vn w/ minor py															
		248.4-249.3 [illegible] silicified zone / hematitic alteration w/ minor qz-cc veins + various orientations. Diss py/cpy? up to 5% locally in veins and in host rock															

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

Omni Resources / Trumpeter Yukon Gold

Diamond Drill Core Log

Hole # RG97-1

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		@ 251.1 20cm zone of oxidation oriented ~ 40° CA, also w/ lots of silicified chl filled frac running down CA erratically; large offsets of 15cm. py - aspy? ~ 5% local, diss.															
		@ 252.1 dk chl vn. 8mm - 12mm wide 25° CA w/ aspy, py 2-3% diss in host rock (located v. small bright yellow mineral just under brown stn coated on core ext. - poss V Gold? — trace amounts of this mineral seen in host rock)										XXX					
		@ 255.5 [illegible] zone fracs/vns CA, as well as vnlt oriens CA @ ~ 25°, lt orange oxid to core over ~10cm Locally abund py + occ aspy?															
		255.5 - 259.8 - Weak to moderate oxidation of core, still mod propylitic alt, but increased lm/hem all of veins and sx? Py ± aspy ~ 2% but locally up to 5% disp. along fracs. Chl fracs from elevated strip Cavill" silicification of vnlts and host rock.															
		@ 256.5 py vnlt, diss oxidn py - 1mm wide locally diss. along vnlt															
		@ 258.8 numerous low CA cc vnlts w/ lm/hem oxidation + conical 5mm py vnlts; dk hairy fracs but weak; py ~ 2-5%															
		@ 259.5 discontinuous py vn w/ dk chl?, highly fracd py ~ 3%															
		259.8 - 262.15 Prop altered GRDR - no oxidation															
		262.15 - Increasing oxidation (lm/hem) of rock; contains a sheared vn @ 262.65															
		@ 262.15 Qz vn 1cm 20° CA w/ sheared, ox wall rock, fracs along lower vn margin w/ minor gouge															

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

Omni Resources / Trumpeter Yukon Gold

Diamond Drill Core Log

Hole # RG97-1

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		(cont'd) py locally to 5%, ~ 2% w/n vein										↓					
		Oxidation begins to weaken @ 264.4 and															
		is occassionally absent until 267.05 where															
		increases to mod or alt, becomes strong by 269.3															
		@ 270.55 narrow py qz vn/frac, up to															
		3% py.															
		(Start of historical sampling @ 269.60 m)															
		269.90 → 276.31 Heavily frac'd altered core,															
		(potassic?) oxidized, probable start of fault															
		zone w/ previous oxidation described indicating a															
		"halo"															
		@ 273.65 5m qz vn ~ 4mm, 20° CA w/ py dissem.															
		Locally in w/r. poss gal(?)															
274.40	275.30	RHYL dyke, flow banded, pale green to tan															
		w/ patchy disseminated py + asp?															
275.30	276.30	BX'd GNDR - potassic alt'n (?) w/ abnd qz-cc stringers															
		v fn dissem py.															
276.30	284.60	RHYL dyke, fn-grained, v. frac'd, ~ 1% dissem															
		py clots to 1mm; weak flow banding															
		locally v. frac'd to gouge.															
		282.85 - 283.7 RHYL is brown (oxidized?) w/															
		fine network of cc stringers and frac vnlts.															
		@ 283.25 dk vnlt(s) w/ abund v.fn dissem py															
		(~5%) 2-3mm wide ~20° CA															
		@ 284.60 Fault gouge.															
284.60	290.9	(Sample zone) Difficult to distinguish lithology, may															
		be brec. short zones of GNDR & RHYL dyke material															

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

Omni Resources / Trumpeter Yukon Gold

Diamond Drill Core Log

Hole # RG97-1

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		(cont'd); Very fractured, locally up to 10% py.															
		@ ~284.1 qz vn? or silicified zone of GRDR															
		rich zone of py; qz is dk blue grey; trace															
		aspy & gal(?)															
	*	((RHYL dyke probably continuous from 284.6-288.5															
		but becomes bx'd GRDR))															
290.7	293.45	HETEROLITHIC BRECCIA - dk grey matrix w/															
		various crystals and rk frags from 2mm															
		up to 5cm. Occasional blue-grey vn frags															
		Dissem py throughout ~1%.															
		@ 292.9 - 292.3 cc vns ~20° CA, brown															
293.45	295.0	Sheared, bx'd GRDR.															
		@ 293.75, strong but narrow shear w/															
		narrow qz-cc vnlt w/ py & cpy (~15° CA)															
295.0	298.15	Heterolithic breccia															
		@ 295.3 2 pieces of vn frags w/ py + gal?															
		blue-grey qz frags ~ 7mm															
		@ 295.7 diffuse blue-grey qz w/ rich py															
		+ gal (or poss moly) bluish-grey.															
298.15		Brecciated/sheared GRDR; strong prop alt^n															
		(Sampled area @ contact to 303.30															
		Upper contact is irregular & brecciated															
		w/ small qz-cc-gal? or moly? vnlt															
		running ~ 5° to CA or II															
		@ 301.55 cc-chalcedony vnlt ~ 45° CA															
		locally rich py, cpy and gal?															

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

Omni Resources / Trumpeter Yukon Gold

Diamond Drill Core Log

Hole # RG97-1

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		(cont'd) 304.6 – 305.1 Strong shear w/ cc-qz-chl – epi vns @ low angle to CA. Zones of blue-grey qz yield >15% py + gal? ; veins up to 1cm but pinch and are discontinuous.															
		@ 307.05 Ductile shear zone 4cm wide 35° CA, rich brown chl, stringy w/ qz frags.															
		@ 305.90 Pinch patch of py															
		@ 307.50 Irregular cc vn w/ cavities															
		314.85 – 315.25 Fine-grained or silicich zone of GRDR. (poss. RHYL dyke). Upper contact ~ 17° CA. Vuggy cc vnlts, irregular.															
		@ 315.0															
		(Historical sampling starts @ 316.45m)															
		316.45 – Continued GRDR w/ incr. sx content, particularly ~ 323 m. Incl py on fracs, bx qz vn w/ py + aspy + gal.															
		@ 325.7 qz vn bx w/ sx py, gal? aspy qz is blue-grey.															
		326.7 – 327.7 - Qz vn w/ good sx. (py, gal, aspy.); vn v. close to CA.															
		@ 328.8. Qz-sx vn 8mm, 25° CA w/ 20% py 10% gal															
		@ 329. Locally abund sx in vnlts (py, gal)															
		328.3 – 329.60 Probable RHYL dyke w/ sx vnlts of py, gal, aspy.															
		329.60 – 335.05 Bx'd GRDR.															

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

Omni Resources / Trumpeter Yukon Gold

Diamond Drill Core Log

Hole # RG97-1

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
335.05	336.95	RHYL dyke - 5% vnlts.															
336.95	344.65	GRDR - weak prop. alt^{n}															
344.65	347.65	Heterolithic breccia															
		@ lower contact, py along contact foliation w/ chl															
347.65	351.10	RHYL dyke (?); occassionally greenish closer to ANDS (?). V. frac'd, broken core. 347.75 - 348.30 ground core to & small frags. @ 350.1 crossing py vnlts @ low CA angles + chl seams down core axis w/ localized qz bx + py ± gal ± aspy. Core very broken															
351.10	355.80	GRDR? sheared, bx'd, frac'd w/ 5x. @352.30. 4mm 50°CA qz-5x vn. - 5x along vn margins; also cc; 5x (py) ~ 40%.															
355.80	359.40	HLBX, locally abund py; bx runs almost ll to CA @ 356.4 small 3mm cc vnlt ~ 39° CA. w/ trace gal and py 356.90 - 357.15 abund fine dissem py															
359.40	364.20	BX GRDR. (approx lower contact) 359.65 - 359.9 Crushed core to gravelly rubble															
364.20	367.55	QZ-5X BX Network of fine gal ± py ± aspy between qz frags. 15-20% gal, 5-20% py, 2-10% aspy															

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

Omni Resources / Trumpeter Yukon Gold

Diamond Drill Core Log

Hole # RG97-1

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
37.55	372.15	Fine grained, sil-rich, chl-epi altered, brownish-green, locally highly fractured Poss sheared GRDR (or ANDS dyke?) 368.4–369.4 Frac'd zone - FAULT. @ 370.7 ductile shearing of chl-epi ± qz ± cc															
		@ 371 qz+cc-chl-epi vn w/ epi alteration halo ~18° CA 1cm wide															
		@ 372.15 sharp contact w/ GRDR below Contact is qz+cc+chl-epi vn ~30° CA 6-8mm															
372.15	380.70	Med grained weak propylitically altered GRDR w/ few andesitic? xenoliths (rounded) Weak potassic alt° localized around epi-chl fracs															
		@ 368 5cm zone of potassic alt°?															
		@ 377.55 Rich epi w/ potassic alteration (aplite dyke?)															
		377.85–378.05 Poss aplite dyke; strong potassic alt° in wall rock (1.5-10cm)															
		380.65 → FAULT hole ends in an aplite dyke															
	380.70	END OF HOLE															

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

CME

RELOG

Project name: SKUKUM
Project #: CP50A
D.D. Hole #: RG97-2

Length (m): 445.98
Grid: KUHN (RIDGE)
Dip: -78°
Azimuth: 351°
Core size: HQ/NQ

Contractor: CARON
Northing: 6670690.17
Easting: 477367.76
Collar Elev.: 1776.48

Hole survey type: SPERRY-SUN
Started:
Completed:
Re **Logged by:** Ted Jandewerd
Date logged: Sept 29/01
Oct 04/01

Depth	Dip	Azimuth

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0 - 9.19	CASING/OVERBURDEN / MISSING BOXES 1 & 2								
9.19 - 59.05	G2DR - generally fresh G2DR med grained equigranular.	U. wk propylitic alteration of the amphs + mafics							
		34.7-37.40 incr. chl, minor epi, slightly finer grained G2DR w/ minor carb-hem vnlts	37.70 - 44.50 broken core, weakly oxidized and sheared, mafic @ 39.3 - 40.5.						
			46.95-47.65 Zone of alt^ around 92 VN @ 47.65 1cm/30°CA w/ abund py + poss cpy + gal. Pyritic, altered wallrock						
			@ ~ 53.10 shear? completely arg. altered G2DR (seri, lt green), 43°CA ~ 9cm wide						
59.05 - 69.80	ANDS, dk green grey, massive, homogeneous, porphyritic, ragged fsp phenos	Carb altered phenos wk - mod chl							

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
68.80 - 84.60	GRDR. (as above)	77.50 - 80.50 mod to strong propylitic w/ local argillic alt^{n}, grnr is greener, soft 80.70 - 81.35 clr core w/ prop alt^{n} bands 81.35 - 84.60 ↑ green colr, abund epi, qz, carb	77.35 - 78.00 Shear Zone (?) fine-grain, few qz-carb vnlts. @ ~85°CA 77.50 - 80.50 Fractured and altered						
84.60 - 88.60	Finer grained intrusive, more qz + K-spar, less mafics - GRNT (?)		88.15 - 88.60 Abund fines (chl) hairline, dk green.						
88.40 - 89.40	RHYL dyke, spherulitic, dissem py cubes. Spherules white, banded Bp. Irreg upper/lower contacts tent ~ 25°CA								
89.40 - 157.75	GRDR	@91.45 argillic (strong) steen zone w/ qz ~ 10 cm wide	99.50 - 100.00 series of chl stringers/vnlts +/- qz 2-5mm wide / 35°CA 101.25 - 101.40 Sheared, mildly vuggy, soft w/ fragmented narrow carb vn. @110.85 qz-carb vn w/ sx. py + ~~Spht~~ sphal (?), poss gal. 5mm/20°CA Footwall fract'd. @117.75 massive ~~Sphl~~ magg + cpy vn minor assoc epi + chl 1.5-2cm / 30°CA						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	126–157.75 Crs grained GRDR	Wk propylitic banding	121.90–126.00 Altered GRDR w/ locally abund py mineralization: dissem & vn/frac associated @ 129.30 offset "kink fold"? vn w/ poss sph. 3mm/33°CA w/ epi in ctr of vn 132–132.30 pyritic GRDR, frac's cross-cutting, chl-ep' alt'n @ 133.20 carb-qz vnlt, 5mm/85°CA w/ local py dissem + poss sph. @ 133.35 10cm py zone (.2% py) in arg(?) altered GRDR. @ 136.75 py/qz vn? py zon ~ 3%. @ 140.30 carb-qz vn 5mm/35°CA @ 141.90 2mm qz vn w/ 2cm alteration in w/r.; 15°CA. dissem py in vn and vn margins						
		144.80–149.6 Propylitic banding 154.40 Core lighter w potassic alt'n (wk-mod) Increase w depth to massive qz-carb vn where core soft, vuggy, pale green, ends @ contact w ANDS.	@ 156.35 Carb-qz vn, bx'd, 5cm/60°CA						
157.75–162.30	ANDS, green grey, massive, homogenous porphyritic w/ rel. abund fracs w epi-qz-carb alteration		Locally abund py & rare cpy (@ 159.90) and mag.						

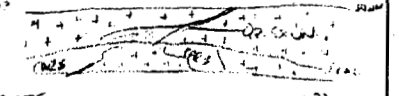
From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
162.30 – 277.70	GRDR	Wk to mod propylitic alt^{n} – bonded 165.50–165.75 mod potassic alt^{n}

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	(GYRDR cont'd)	193.35 - 194.60 mod-strong propylitic w/ shear @ 193.80 194.60 - 213.30 mod-strong propylitic 213.30 - 217.40 strong propylitic 217.40 - moderate propylitic	@197.40 qz-py-magn vn 1.5cm/35°CA @197.45 py vnlts @198.05 similar vn as @ 197.40, 1cm/40°CA w/ qz+py, no magn, pass tr. gal @200.95 qz-carb-py vn @202.05 qz-carb-py vn ~80°CA @220.80 shear, wk bx/cataclastic) ~10°CA @221.00 qz-carb vn/shear, minor py. 1cm/60°CA @222.80 xenolith - ANDS? 231.20-233.20 series of qz-carb shears w/in wk arg. alt° zone w/ abund frac-controlled py (2-3%), esp @ 231.70 (assoc w/ qz) 232.81-233.20 broken core w/ py on frac sfcs. 238.20-238.90 pyritic zone 245.65-246.15 pyritic zone. [table: 231.10-246.15 is generally higher py content, frac-controlled w/ localized argillic alt° assoc w/ pyritic fracs] @248.60 qz-py, wk bx?, vnlt ~8mm. @249.45 qz vn 3-5mm/20°CA, sheared, minor py w/ epi-chl alt° halo. up to 5cm from vn. @250.80 epi shear @254.80 magn patch w/ pass sph						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	(GRD:2 cont'd)		258.50 - 258.95 pyritic zone ~3-5% py. 258.95 - 260.05 decr py to 2-3%, dissem and frac-controlled. 261.55 - 261.75 Altered py zone (org?) w/ shear approx ⊥ to CA, minor gouge, v. narrow @ ~264.00 cons frac's down CA. @ 271.60 - 272.10 altered w/ purple carb-qz vns and minor py; vns ~ 5mm and ⊥ to CA. Good frac affect at 3.5cm in one vn. Frac is low angle to CA.						
		272.10 - 275.73 incr. argl alt'n (musc+seri) to vn @ 276.60.	@ 272.60 qz vn, massive, wht, minor cubic py dissem.						
277.70 - 278.55	ANDS dyke, med green-grey, fine-grained w/ numerous hairline carb fracs + epi								
278.55 - 316.30	GRDR	Mod propylitic alt'n, banded Mod chloritization of matics	@ 282.45 dyke - alaskite?, aplite? 1.5cm/65°CA. @ 287.05 qz vn w/ dissem py ~10-15%, cubic py; 3mm/20°CA @ 289.40 qz-carb vn, minor py, 5mm/17°CA @ 292.05 epi + potassic alt'n, post dyke.						
		292.2 - 303.35 wk propylitic	@ 294.70 chl stronger, 20°CA.						
		303.35 - 311.00 wk-mod propylitic	@ 300.10 carb-qz-chl-hem vning, fine dissem py 3-5%.						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	311.00-311.25 ANDS dyke fragment 312.00 - 312.35 ANDS dyke fragment.	311.00 -316.30 mod propylitic							
316.30 - 321.13	Banded RHYL, tan → pale brown,	wk alt^n - chl	Banding is 31°CA 1-2% py cubes disseminated through the rock, some concentration along bandings. Associated with blue-grey mineral - does not appear metallic @ 320.5 brecciated over 10cm milled frags, v. little matrix, core broken						
321.13 - 330.60	GRDR as above numerous fracs - brown hairline chl w minor py.	Mod prop alt^n Chl - occ argillic Mod to strong potassic alt^n	@ UC argillic alt^n, mosc flakes up to 2mm @ 322.45 shear 15cm / 60°CA strong chl, carb 323.70- Sheared GRDR w/ local bx^n and some open space filling textures of carb & chalcedony. Py up to 5% locally, fracture related @ 329.05 Opl, ± sphal in shear. v. green.						
330.60 - 353.30	RHYL, banded, greenish - tan, pyritic		@ UC 33°CA Banding ~ 27°CA to parallel to CA						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
333.30-33390	GRDR.								
33390-3347	RHYL or RHDC. dk-l grey brown fine tapiral RHYL, fine-med grained.		@ UC 85-75°CA Minor vnlts, fracs, rare sx						
334.25-335	GRDR	Potassic alt'n - mod -> strong.	Sheared & bx'd GYRDR, minor carb-qz vnlts, assoc py w/ vns & vnlts @ UC ~ 55°CA. along fracs, purple mineral, poss fluor or hem/carb						
335 - (351.8)	RHYL pale green, banded 337.00 - bx'd, very soft, carb-qz alt'n -		@ 337.00 core very broken, poor recovery in RHYL - (start of sampling) - RHYL contains up to 5% disem py w/ trace galena,						
(351.30) -	Sheared & bx'd GYRDR Abund carb open space filling vn's in random orientations though generally low angle to core axis. Qz "eyes" in GYRDR.	Mod potassic alt'n Mod prop alt'n Chalcedony & carb infill open spaces from bxg Some clay alteration assoc w/ bx	@ 357.65 qz vn w/ py + gal lower portion offset out of core 8mm/44°CA; local patchy disem py in w/r area assoc w/ qz-carb vnlts @ 359.10 qz vn 4mm/25°CA - vn diffuse w/ 30% py + gal, poss cpy. @ 361.55 qz-carb vn 8mm/20°CA w/ abund sx of py, gal, sph, poss tetr.(?) and cpy; dominantly py and gal + aspy? @ 360.85 vnlt w/ py, cpy, gal, aspy? v. narrow						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
		-core v. chloritic, -Some vns show amorphous green mineral partic @ 365.70	@ 362.40 narrow py+gal vnlt, v. low to CA; dark coloring diffuse mineral surrounding sx in veins 362.90-363.75 1cm qz vn, v low to CA, (~15°) w/ sx (py+gal+sph) minor py disem in w/r. stone fracs cross vn, sx in vn as frac fills and also bleed out into w/r as py vnlts @ 363.35 disem py, cpy, gal/sl py? assoc w/ diffuse qz vn @ 364.20 carb vns / bx pass sphal (brown red, metallic) w/ ~~minor~~ tr. py & cpy associated @ 365.70 shear w/ carb, qz, green amorphous mineral; local fracs w/ tr py, cpy @ 373.30 qz sx vn, cg, gal, very discontinuous, irreg, big fracs and large carb vn down core axis  @ 375.00 qz-sx vn assoc w/ shear(?) sx w/ tr py, cpy, gal; irreg w/ stib ? ~4mm/30° @ 378.95 fault gouge. @ 378.05 4mm/20° qz-carb vn w/ reddish hem?/alteration bands in vn.						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
			377.5 - 377.80 qz-carb br w/ gouge (1st bit of drill str scoring in core — brassy-bronze						
381.40 - ~~385~~ 384.05	ANDS - fine-med grained dk green grey, fairly vesicular, but highly fresh 383 - 383.15 GRDZ frag/xeno in ANDS	Perv fract	@ 382.60 qz-carb vnlts / br w/ rec pairing mineral in vn (chl?) @ 384.00 qz-carb vn, py + gal + sph? and stib? (silvery, possibly)						
384.05 - 399.25	GRDZ, upper contact resistant, ANDS appears to grade into the GRDZ (fine-med grained, v. crystalline)	chlorite carbonate							
	386.70 - 388.90 Pale blue/clear, stained + banding brec GRDZ		385.25 - 385.75 parallel qz-carb vnlts, 1cm wide @ CA 5 and to 1cm wide w/ py + gal? 388 391.70 — 392.75 medium grained qz-carb-qz br zone, numerous carb vnlts, some fx.						
	394 - 394.5 Pale blue/clear? massive, fine, angular pebble size frags, strong brecciation @ 394.60		@ 394.60 br, carb matrix w/ frags of GRDZ ~ 15° CA, 1cm. Continues to 395.60.						
399.25 - 402.45	ANDS, dk green grey.	397.50 - 399.25 Abund epi Abund epi along fracs, patchy Mod carbonate frac-fill Mod chlorite	@ 400.00 small qz stringer w/ gal, py, sph. along w/ carb + 1cm 1-2 @ 80° CA @ 401.80 Epi stringer w/ gal + sph (?), irreg bot ~ 45-55° CA 3mm						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
402.45 -	GRDZ., med grained, equigranular [MISSING BOXES 83, 84, 85]	Strong prop (ep.) Mod. chl, argillic (ser.)	@402.45 UC irreg/intrusive @404.50 (approx) q7-sx vn 8mm/55°CA py, gal, sph - @408.60 bleached shear (ser+q7+epi+rock n25°CA 6cm wide @417.80 q7 vns w/ sx, py, gal, sph. @415.50 q7 vn w/ gal + epi + chl 434.20-434.60 sx vnlts w/ ep' stringers @438.30 frac controlled sx vnlt w/ py, sph, gal, cpy 30°CA @439.50 q7-sx vn w/ ep ~ 45°CA w/ irreg., py, sph, gal						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
			@43970 disseminated py cubes to rare patchy disseminated sph (brownish-metallic)						
			@441.90 small offset qz-sx vn ~3-4mm, w/ py-sph, cpy						
		GRDR bleached, med grained, abund sil +chl+epi?	442.15-445.60, series of qz-sx vns consisting of dominantly py + cpy w/ lesser gal, sph, vns variably oriented,						
			@448.70 qz-sx vn w/ abund cpy + py. → sph						
			locally numerous small pyritic fractures w/ assoc carb + epi						
	445.60-445.98 Bx'd GRDR. -1 SX	449.0 → incr epi in core, abund fracs.	@ 444.60 — 445.98 Highly fract'd core & gougy — Fault zone. moderate bx'd GRDR w/ 5x cpy, py, gal, sph in discrete narrow vnlts, in variable orientation						
			Py-stockwk locally, gal 2-5%, cpy 1%, sph 2-5%.						
445.98	END OF HOLE								

CME

Project name: SKUKUM
Project #: CP56A
D.D. Hole #: RG97-4

Length (m): 517.86
Grid: KUHN(RIDGE)
Dip: -78°
Azimuth: 007°
Core size: HQ/NQ

Contractor: CARON
Northing: 6670690.17
Easting: 477367.76
Collar Elev.: 1796.48

Hole survey type: SPERRY-SUN
Started:
Completed:
Re-**Logged by:** T VanderWart
Date logged:

Depth	Dip	Azimuth

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0 - 2.44	CASING								
2.44 - 70.38	GRDR; medium grained, generally equigranular w/ some large xtals of amphiboles., generally v. competent [@30.78 Reduce to NQ]	Wk prop. Mafics chloritized	@3.20 1/ to 1.5cm chl stringer/vn 10°CA, dk amorphous green @7.60 chl-epi stringer 1cm/22°CA @14.40 epi stringer 3-4mm/15°CA (13.56-14.05 core ground to rubble) @15.75 narrow carb vnlt w/ wk chl. alt° 25°CA 16.64-16.7 narrow, variably oriented carb frac vnlts w/ clay (?) @17.4 poss. shear., chl-epi zone ~5cm wide @18.95 carb-qz vn 1cm/20°CA w/ pcs of w/r in vn. 19.6-20.3 Zone of broken, oxidized core 21.6-21.9 Zone of broken core, abund soft carb frac-fill; also @ 22.50 @24.95 purple carb-hem-flour? vn 1.7cm/55°CA.						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
			@31.50 epi stringer 7mm/35°CA						
			@37.10 carb-qz vnlt, 3mm/30°CA						
		39.7-44.4 mod prop alt^{n} incr. carb alt^{n} + oxidation (rusty core)	37.8-39.2 Zone of broken core - small carb-qz-fiss ? or hem vnlt w/ minor py @ 38.75.						
			@40.55 qz-chl-epi carb vn/shear. ~5cm w/ locally abund py. (~2%)						
			41.65-41.75 Discontinuous irreg. qz vns w/ x-cutting chl-epi fracs w/ locally abund py patches and stringers to 5%.						
		45.5-46.15 Zone of oxidation and mod. strong prop alt^{n}	@42.55 carb-qz-chl-epi vn, 1cm/15-20°CA						
			@49.35 dk green-black 3cm zone of 10% py w/ nearby narrow qz-carb vn (dk blue) w/ minor dissem py in vn.						
			@54.6 3 epi vn/stringers w/ minor cc; prop + potassic alt^{n} in w/r.						
			@55.1 v. fn grained py(?)-chl vnlt 3mm/30°CA						
			@56.25 qz-carb vnlt in broken core.						
			@56.70 epi-qz vn 2cm/40°CA						
			@58.90 oxidized + faulted core w/ minor crs gouge mat'l						
			@61.35 chl-qz-carb-epi vnlt, 1cm/60°CA						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
			@66.95 carb-qz vnlt w/ tr. py dissem in w/r 5mm/47°CA @ 68.20 chl-epi-qz stringer 7mm/20°CA; also @ 68.50						
70.38-72.25	ANDS; porphyritic, fine-grained green matrix w/ ragged wht to pale-green fsp phenos up to 5mm	Mod chl and epi Fsp phenos w/ chl-epi alteration @ core.	@ UC contact sharp 65°CA Rare py cubes (2mm) 71.6-72.25 Frac'd core w/ hairline carb vnlts and incr. py. in dissem patches or vnlts (<1%)						
72.25-96.63	GRDR, locally xenolithic (ANDS ± Dol)	Mod to locally strong prop alt^n Wk to mod carb alt^n	@LC ~30° contact to CA 73.85-74.20, Fault, oxidized, crushed core, gouge of clay + carb. @74.65 red-brown carb vnlt w/ v. fn dissem py (<1%), irreg. orientation @ 83.70 Alaskite (?) dyke 2.5cm/35°CA w/ sm offset due to chl frac. @87.60 shear 10cm/~50°CA w/ narrow carb vnlt. @ 89.30 Pegmatite (?) dyke 7cm/~40°CA, pale pink & green crystalline w/ chl + epi and abund qz. 92.45-96.63 Frac'd, broken core						
	90.22-91.45 Slightly "pegmatitic" GRDR, v. low matic content, crs. xtalline, pale pink to green.								

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
96.63 - 110.65	ANDS, porphyritic (as above)		@ LC 25°CA, irreg w/ offset pcs of ANDS in GRDR @ 100.60 chl-epi-carb stringer, narrow/14°CA w/ minor aspy (?) @ 103.75 epi-chl zone 3cm/30°CA @ 108.85 similar to above, minor py vnlts. assoc w/ chl-epi fracs. @ LC, broken, ~40°CA.						
110.65 - 131.10	GRDR, med to locally crs grained mafics; magnetic	Wk-mod prop altered 111.70-124.40, incr prop (mod) and strong chl.; prop still strong after 124.40. 127.85-128.45 v. rich epi 128.45-131.10 mod prop alt° wk potassic or hem.	@ 111.85 carb-qz vnlt 4mm/63°CA w/ ~5% py, trace aspy (?) @ 113.80 qz-carb-epi-chl vnlt 5mm/20°CA w/ py ~5% in vein & along margins @ 117.10 carb-qz (minor; aspy) w/ fine dissem cubic py (7-3%) 8mm/45°CA @ 120.30 qz-carb-chl-epi vn, brown selvage; 7mm/26°CA @ 121.00 3mm magn crystal @ 124.35 carb-qz vn, brown, fine chl-network w/ py in vein & fracs up to 5% 125.50-126.65 v. rich epi w/ qz-carb vnlt, ~3mm, 35°CA (aspy?)						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
131.10 – 136.50	ANDS, slightly porphyritic w/ v. ragged fsp phenos "ghosted"; massive and generally homogenous Mod to strongly magnetic to 132.50		@ UC irregular (intrusive) @132.65 zone of dissem py (~5%) @133.70 qz-py vn w/ rich chl ~10-15% py dissem in shear (?) 2cm/70° CA. @134.00 localized patchy dissem py to 10%, 4mm sized disseminations; incr py below 134.00. @134.72 incr. carb-qz vnlts and incr. py to 3-5%, patchy, dissem in ANDS & vnlts. to LC @ LC irreg ~40°CA.						
136.50 – 223.60	GRDR, magnetic	wk to mod prop alt^n	@137.50 qz-cc vn 15cm/~15°CA w/ 5% dissem py, qz blue-grey, cc is wht; locally core (bar) drags 15°CA planes, blocky & broken to 138.90, some pink mineral - new? @142.90 black chl vn w/ large patch of py (~5%), 7-8mm/45°CA @145.30 epi-chl vn, 8mm/25°CA @147.10 carb-qz vn, ~8-10mm @150.88 qz vn 8mm/35°CA, lightly banded w/ white, dk grey; dissem py in wlr up to 4cm away; second vn below w/ chl-py-carb. @151.70 epi vnlt w/ potassic alt^n halo ~5cm wide.						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
		166.50 → increased hem/lim oxidation of vnlts & localized parts of core	@152.10 series of small carb vnlts., blue outside w/ white core, minor assoc py. @156.20 qz vn w/ chl alt^n/shear zone w/ 3% fine dissem py. (cubic) @163.20 chl vn w/ py 7mm/40°CA @164.20 qz vn 2cm/40°CA w/ minor py @164.40 pyritic zone, 10% dissem py cubes & aggregates. @165.20 2 small blue/grey carb-qz vns w/ minor py to 20%. @166.70 10cm zone of 5% dissem py in brown hem/lim alt^n @172.70 carb infill of large 2-2.5cm tension gash; also incr chl hairline fracs. @173.00 discontinuous frac'd qz vns ~5mm to 1cm w/ py+cpy; py in w/r, cpy in vn @173.10 zone of brown chl w/ 10% py, minor cpy to 173.60 (minor qz-carb hairline fracs) @173.70 qz vn, 3mm/50°CA @181.00 narrow 3mm/30°CA carb vnlt., slightly oxidized. @182.60, qz vn 1cm/30°CA w/ minor py (~1%) 187.15-188.65 broken, chl-altered core cored by 1.5cm/37°CA qz vn w/ py along vn margins/selv. Alteration around vn shows incr. py of 3-5% dissem py cubes.						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
			@191.55 qz-epi vn, 48°CA, 5mm w/ several offsets up to 1.5cm.						
			198.90-199.10 Fault zone w/ carb vn, gouge and weakly oxidized.						
			@206.35 epi zone - bx?						
			209.65-209.95 incr py, chl alt^n (py ~2%)						
			212.35-212.95 Frac/fault zone, powdery cc.						
			@216.15 narrow oxidized (?) carb vnlt w/ rare py, ~50° CA.						
			218.10-219.30 alaskite dyke 30° contacts ~10 cm wide, pale pink, minor mafics ± magn.						
			219.45-219.75 fault zone, epi-cc-chl gouge						
223.60-224.85	RHYL dyke, banded ± foliated, sphrulitic		@ UC sharp 40°CA Rare dissem py (<<1%) @ LC sharp 45°CA						
224.85-	GRDR, as described above.	Wk-mod prop. Wk-mod chl alt^n	@226.70 qz-chl-carb vn w/ py along margins (3-5%) 7-10mm/15°CA						
			227.50-228.00 alaskite dyke, sharp contacts ~ 35°CA, 18 cm wide.						
			@229.60 carb-qz vn, ~10% py, large dissem, patchy blebs.						
		@231 → incr prop alt (mod)	@231.00 Frac'd broken core w/ frac sets coated w/ hem (, asper)						
			@235.95 chl, frac'd offset vn/bx(?) ~7cm wide						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
		236.65 → mod-strong epi (prop) alt^n	@236.10 ragged chl vein w/ strong prop alt^n up to 10cm above & below; minor py, finely dissem, 2%. @238.35 qz vn 4cm/40°CA w/ minor chl, py along margins and assoc w/ chl selvages. @238.70 5mm/15°CA qz-carb vnlt w/ 5% py. @242.40 local py cubes on frac sfcs 5-10%. @242.80 10 cm zone of fine-grained chl w/ py up to 5% 243.90 → incr dissem py in GRDR (variable 1-3%) @245.80 3cm zone of 10% py (80°CA) @257.30 1.5cm rich brown chl. @257.15 Thin chl vnlt w/ py @253.15 Discontinuous qz-carb vn? or sweat (?), rare py. 253.35-253.90 discontinuous qz vns, numerous chl fracs, abund sil, locally abund dissem py to 5%, though generally 1%.						
255.75-258.20	RHYL dyke, bleached, tan to grey/sn		@ UC 35°CA but irregular. Minor py. @257.10 irreg qz vn, low angle to CA, poss low angle fault. @258.20 ductile shear @ LC w/ py vnlt.						
	257.10 - 258.20 Core darkens to med-dark grey, more like RHDC								
258.20-260.50	GRDR, chloritic, sheared w/ hem alt^n								

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
260.50-260.90	ANDS dyke; heavily frac'd, faulted.		@260.90 carb-qz vn w/ rich py to 15%; vn 1cm/35°CA						
260.90-331.15	GRDR								
	260.90-261.90 wk GRDR texture, sheared?	wk-mod prop wk-mod chl tough variable.							
	261.90-278.30 more typical med-crs grained GRDR		@268.55 qz-chl flooded shear/fault zone (healed) w/ minor py @269.35 qz vn 4mm/12°CA w/ sharp 2cm offset; locally abund py in w/r and in vn (5-10%) @274.40 narrow qz-ec vnlt w/ minor py ± gal						
	278.30-286.65 GRDR finer grained, sheared	mod-strong chl	@280.65 qz vn, 4mm/70°CA, w/ py in vn. @280.90 epi stringer @281.90 blue/white qz-carb vn 1.5cm/60°CA w/ 2% py @282.30 blue-white qz-carb 1.5cm/70°CA w/ minor py. @282.40 qz vn 1cm/irreg., minor blue mineral; 10% py in w/r and along selvage						
	286.65-307.05 GRDR more typical med-crs grained texture	wk prop alt^, locally banded due to fracs.							
		295.65 → incr prop to mod.	@299.90 epi-qz vn(?) 1cm/45°CA.						
			@305.10 poss alaskite dyke; epi + pink fsp+qz rich., no mafic content, irregular tension fill style						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	307.05-331.15 Sheared GRDR, fine-grained, dk grey, locally appears dioritic	307.65-308.15 Shear/fault zone lightly oxidized on fracs.	308.15-308.60 long, narrow carb frac parallel to CA, light purple colour due to hem, poss fluorite. 316.75-318.55 Fault, frac'd, broken core, carb on fracs, small vnlts. @323.35 narrow carb vnlt 3mm/15°CA (tension-fill) @325.90 carb bx zone w/ chl+epi+py (1%) over 10cm 326.60-327.90 Fault, frac'd broken core w/ cc along fracs. 328.00-328.40 Bx, dominantly qz, pale pink w/ interstitial chl, py± cpy in qz + dissem up to 3%. 328.40-329.35 Fault, frac'd broken core						
331.15-332.75	ANDS dyke, med-dk green grey, fine-grained, poss flow-bands along chl fracs. ~45°CA		Py ±cpy 1-3%. @LC 70°CA @331.40 discontinuous epi-qz-chl, poss alaskite, 40°CA @LC 15-20°CA, abund hairline epi-carb-qz vnlts.						
332.75-352.25	GRDR	variably prop alt'd GRDR, generally mod intensity 337.00-337.60 mod strong epi and wk potassic	@339.70 carb-hem-qz vn (lt purple) 1cm/65°CA @341.45 poss alaskite/aplite dyke 1.5cm/30°CA						

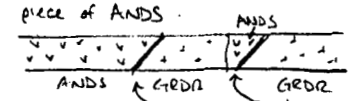
From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Oti
			@342.45 aplite dyke 2cm/52°CA, small piece offset 1.5cm						
		346.50 → incr ham alt^	@344.30 small fault w/ completely frac'd carb vn in GRDR.						
	@348.15 irreg, intrusive contact of ANDS, low angle to CA, 8-10cm wide.		347.20 - 352.25 Bx'd, faulted GRDR w/ abund carb in fracs.						
352.25 - 355.00	RHYL/RHDC, brown, fine-grained foliated/banded.	locally abund seri alt^ + chl alt^	~1% py over interval. Generally frac'd core.						
355.00 - 361.80	RHYL dyke, weak banding, bx'd (?) light brown to tan		locally heavily frac'd. ~1% dissem py. Hairline fracs w/ brown/green chl or black/dk grey material (py?)						
361.80 - 365.70	ANDS dyke; med green, fine-grained		@ uc faulted + broken 364.10 - 365.70 bx'd, fragmented core						
365.70 - 373.10	RHYL dyke, bx'd		Minor dissem py cubes						
373.10 - 374.55	HLBX; dk matrix w/ RHYL, GRDR, ANDS + qz vein frags.		1-3% dissem py.						
374.55 - 375.2	QZ-SX-BX, healed qz frags w/ interstitial chl + py + gal (~10%)								
375.20 - 376.60	HLBX, appears dominantly as RHYL frags w/ qz vein frags; open space filling by carb; py, rare gal and pass tetr. ~5% total.								

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Oth
378.60-389.45	RHYL or RHDX dyke		Locally 3% py ± gal ± aspy @385.80 qz vns in RHYL, vns blue w/ py + gal, dissem in vns up to 5% 378.70-379.40 fairly intense dk grey-blue frac's in core w/ dissem py and poss v. fn grained gal in vnlts/fracs. 383.75-384.50 Major bx zone, rare sx (tr. gal); lower contact ductily sheared, abund clay, v. frac'd. 387.10-387.60 Bx'd RHYL w/ hairline sx vnlts, 3-5% py w/ poss 1-2% gal 387.60-389.45 v. broken core, poor recovery.						
389.45-391.80	GRDR, sheared, v. altered	abund chl, epi, qz, carb alt'n	Numerous small dk blue-grey sx? vnlts, poss gal+py, locally bx'd.						
391.80-399.00	RHYL dyke., locally massive to bx'd w/ infilling carb vns/vnlts. [391.40-401.30 core v. frac'd and ground down to rounded pebbles by drill, v. low recovery (10-20%) Occassionally competent core of RHYL BX		@392.70 carb vn, open space filling, minor dk grey sx(?), ~20°CA 1-2cm @398.30 qz vns w/ patchy dissem py + gal; vns 5mm/30°CA, 20% sx. 398.40-398.70 RHYL-carb bx.						
399.00-426.25	GRDR, bx'd to sheared. Brecciation decreases around 405m but still strong shearing.	wk mod prop, carb, chl, clay.	Where bx'd, qz (chalcedony) & carb infills & heals.						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
		417.15 increased carb + prop alt^{n} (mod)	413.30-414.70 Broken, frac'd core - fault. 414.50-414.70 clay gouge, patchy dissem py blebs and some <1mm cubes.						
	420.05-420.50 RHYL dyke, bx'd w/ abund Sx (py 5-10%), v. fine grained galena (~5%) in blue-grey qz vns. Contacts disrupted, ~20°CA								
	@424.45 narrow ANDS dyke, UC 40°CA, LC 65°CA, w/ minor patchy py (1-2%)								
426.25-427.35	ANDS dyke, dl grey, fine grained w/ some incorporated GRDR frags. @ 426.75		@426.35 carb vnlts w/ py and rel abund cpy (2% py, 1-2% cpy)						
427.35-433.90	GRDR, sheared	mod chl mod carb	428.10-429.55 Fault, frac'd broken core, frac sfcs are slickensided w/ carb, py also on frac sfcs						
	429.55-429.85 ANDS dyke, v. frac'd & offset contacts, carb vn down CA		@429.30 cpy patches in ANDS frag						
	429.85-430.45 GRDR								
	430.45-431.20 ANDS, bx'd w/ carb vnlts & infilling		@430.70 crackle bx (carb-qz) w/ minor py-gal						
	431.20-433.90 GRDR, med-crs grained								
433.90 - 436.70	GRDR/DIOR, fine grained to med-grained		Random orientation texture frac w/ carb infilling, minor py & occasional qz vns (<5mm) @436.30 qz-carb vn w/ boxn? 2mm/32°CA						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
436.70 - 480.55	GRDR, med. crs grained; generally quite fractured and blocky	wk-mod prop, chl mod carb.	@ UC irregular contact. Frac's w/ infilling by carb-qz @ 437.90 1,15cm/ carb-qz vn (tension gash) w/ broken core, v. soft, clay gouge. @ 439.10 v. soft gouge, abund carb-qz @ 441.80 qz-epi-chl-ser-carb vn/sheer 4cm/50°CA, similar vn @ 441.90 1cm/65°CA. 445.85-447.75 Fault, broken core, gouge, carb, alt^n						
449.65-450.50 competent GRDR.			450.50-456.65 Fault, v. broken core, fracs parallel to CA w/ occasional lge carb vnlts @ 454.00 bcc but competent core, poss clast/xeno? w/ py ± gal + magn. @ 455.70 Fault, crushed core @ 458.30 blu-grey qz vn 7mm/75°CA w/ py in w/r, and selv.; gal in vn w/ magn; crosscut by later carb vnlt (v. low angle to CA)						
460.95-461.35 ANDS dyke, crackle bcc and infilled w/ carb; @ UC narrow qz vns w/ py ± gal., @ LC 25°CA.			@ 462.85 qz-carb vnlt 4mm/25-30°CA w 5% gal, 10% py. tr. cpy + magn. @ 465.25 qz-gal vn 1cm/45°CA 15-20% gal banded along vn though still patchy. @ 466.30 qz-gal-py vn 1cm/45°CA 15-20% gal, 3-5% py, gal banded						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	469.1 - 469.60 468.70 - 469.30 Qz-sv BX, buff grey qz, dissem gal 5-10%, py <5%, v. low angle to CA (10 - 15° CA)		@467.05 carb-qz vn w/ blue dissem mineral (<5%), poss gal ± magn. 7mm/30°CA @471.10 discontinuous qz vn w/ py+gal (py+gal intergrown; py surrounds gal) 5mm & 2mm / 45°CA @471.90 qz vns w/ 5% py, <2% gal, ~2% magn. 472.35 - 473.40 Faulted broken core 474.25 - 474.45 Rich, sgl-chl alt^n zone w/ narrow black sv (?) vnlts, py + magn (?) @474.75 qz-sv vn 5mm/47°CA w/ py+gal+magn, dissem py in w/r. 475.50 - 476.60 strongly sheared GRDR @476.55 qz vn 1cm/45°CA, 15% py, ~10% magn; small offsets.						
	478.00 - 478.60 ANDS dyke.	475.25 rich sgl zone ~10cm wide	@478.70 frac sfc w/ gal + abund cpy 479.20 - 479.40 small vnlts w/ py, gal, burn (?) and tr dissem cpy. @480.15 narrow 2-3mm qz vn w/ 20% py + minor gal.						
480.35 - 504.30	ANDS dyke w/ minor GRDR frags. @499.85 GRDR frag @500.15 GRDR frag 501.20 - 501.55 GRDR frag	mod chl	Common tension-fill cv's-qz vnlts, pcntic along CA. @501.00 py-qz vnlt 3-5mm/85°CA @501.80 @ contact w/ GRDR frag, qz-py vn, 40% py, oxidized w/ tr. gal						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	501.80 - 502.20 GRDR ; LC 45°CA, py in ANDS just below LC (~5%, dissem py cubes)		(cont'd) irregular vein orientation & sets w/r alt^n,						
			@502.90 qz-py vn 3mm/48°CA w/ local small py vnlts.						
504.30 - 505.30	GRDR; med grained	Mod prop alt^n Wk-med potassic							
505.30 - 506.25	ANDS dyke.		@LC sheared 20°CA						
506.25 - 511.25	GRDR, sheared	Mod prop Mod potassic	Local cpy dissemination						
			@507.55 dissem cpy						
			@509.80 narrow qz vnlt w/ py + gal + magn, 2mm/60°CA						
511.25-514.55	ANDS dyke	Mod chl	@ LC 45°CA but offset several times						
			@512.90 narrow vnlt w/ cpy + py, 3mm / 30°CA						
			@513.60 10cm zone of GRDR or bx w/ py ± gal along LC 30°CA.						
514.55 - 517.86	GRDR	Mod prop Mod potassic	@ LC ~ 320°CA w/ offset & bx'd piece of ANDS						
									
			@515.20 api stringer 4mm/12°CA 516.95-517.86 Fault, bx'd (HLBx?) hole ends in gouge-like material						
517.86	END OF HOLE								

APPENDIX VI

ANALYTICAL LABORATORY PROCEDURES

Analytical Laboratory Sample Analysis Procedures

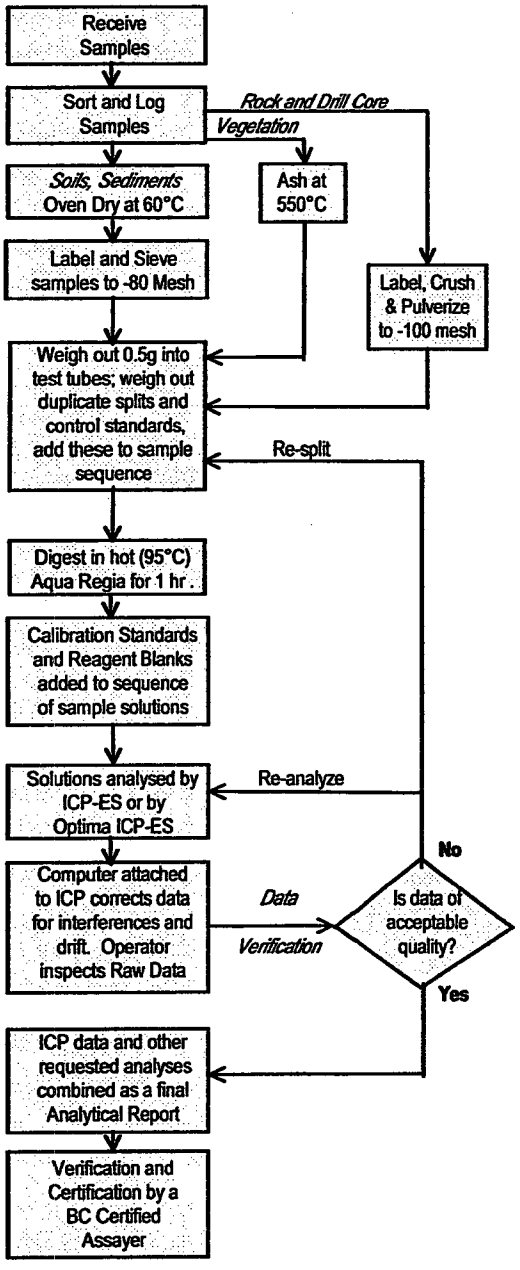
Acme Analytical:	ICP Analysis – Aqua Regia
	Au by Wet Extraction
	Precious Metal Assay
Bondar Clegg:	Gravimetric Fire Assay for Gold and Silver

ACME
ANALYTICAL LABORATORIES LTD.

852 East Hastings Street • Vancouver, British Columbia • CANADA • V6A 1R6
Telephone: (604) 253-3158 • Fax: (604) 253-1716 • Toll free: 1-800-990-ACME (2263) • e-mail: info@acmelab.com

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

Analytical Process



Comments

Sample Preparation

Soils and sediments are dried (60°C) and sieved to -80 mesh (-177 µm), rocks and drill core are crushed and pulverized to -150 mesh (-100 µm). Vegetation is dried (60°C) and pulverized or dry ashed (550°C). Moss-mat samples are dried (60°C), pounded then sieved to recover -80 mesh sediment or ashed at 550°C then sieved to -80 mesh with potential loss by volatilization of Hg, As, Sb, Bi and Cr. Aliquots of 0.5 g are weighed into test tubes. Duplicate aliquots are taken from two samples in each batch of 34 samples to measure precision. An aliquot of sample standard STD C3 is added to each batch to monitor accuracy.

Sample Digestion

Aqua Regia is a 2:2:2 mixture of ACS grade conc. HCl, conc. HNO_3 and demineralized H_2O. Aqua Regia is added to each sample and to two empty reagent blank test tubes in each batch of samples. Sample solutions are digested for 1 hr in a boiling hot water bath (95°C).

Sample Analysis

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

Group 1DX: sample solutions are aspirated into a Perkin Elmer Optima 3300 Dual View ICP emission spectrograph to determine 35 elements: Ag, Al, As, Au, B, Ba, Bi, Ca, Cd, Co, Cr, Cu, Fe, *Ga*, *Hg*, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, *S*, Sb, *Sc*, *Tl*, Sr, Th, Ti, U, V, W, Zn.

Data Evaluation

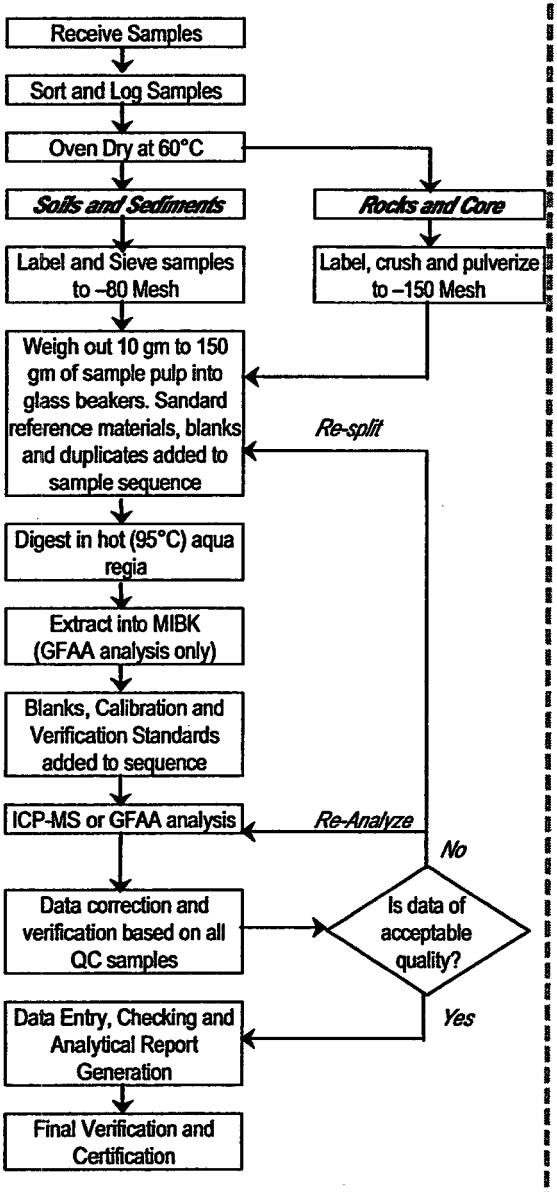
Raw and final data from the ICP-ES undergoes a final verification by a British Columbia Certified Assayer who then signs the Analytical Report before it is released to the client. Chief Assayer is Clarence Leong, other certified assayers are Dean Toye and Jacky Wang.

ACME
ANALYTICAL LABORATORIES LTD.

852 East Hastings Street • Vancouver, British Columbia • CANADA • V6A 1R6
Telephone: (604) 253-3158 • Fax: (604) 253-1716 • Toll free: 1-800-990-ACME (2263) • e-mail: info@acmelab.com

METHODS AND SPECIFICATIONS FOR ANALYTICAL PACKAGE GROUP 3A - AU BY WET EXTRACTION

Analytical Process



Comments

Sample Preparation

Soils and sediments are dried (60°C) and sieved to -80 mesh (-177 microns), rocks and drill core are crushed and pulverized to 95% -150 mesh (-100 microns). Plant samples are dried (60°C), pulverized or ashed (550°C). Sediment in moss mats is recovered by disaggregating and sieving to -80 mesh. Sample splits of 10 gm to 150 gm are weighed into glass beakers. Duplicate splits of crushed (*reject duplicate*) and pulverized (*pulp duplicate*) material included in every 34 drill core or trench samples define preparation (reject duplicate) and analytical precision (pulp duplicate). Duplicate pulp splits (only) are included in every batch of soil, sediment and routine rock samples. A blank and in-house standard reference material STD FA-100 are carried through all stages of the analytical methodical to monitor accuracy. STD FA-100 has been certified in-house against certified reference materials.

Sample Digestion and Extraction

Aqua Regia is a 2:2:2 mixture of ACS grade conc. HCl, conc. HNO_3 and distilled H_2O. Aqua Regia is added to each sample and to the empty reagent blank test tube in each batch of samples. Sample solutions are heated for 1 hr in a boiling hot water bath (95°C). For Graphite Furnace AA analysis, MIBK is added and the samples are shaken to extract Au into the MIBK phase.

Sample Analysis

ICP-MS (Perkin Elmer Elan 6000) analysis is conducted on the acid solution to determine Au ± Pt. Graphite furnace AAS (Varian model SpectrAA 10Plus) is conducted on the MIBK extract to determine Au.

Data Evaluation

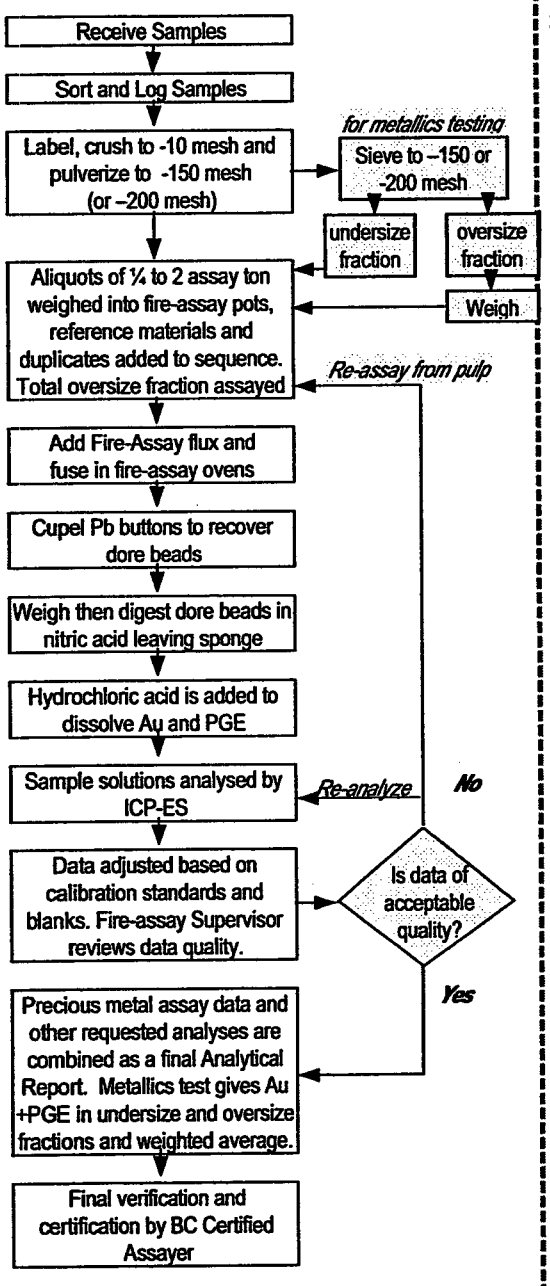
Raw and final data undergoes a final verification by a British Columbia Certified Assayer who must sign the analytical report before release to the client. Chief assayer is Clarence Leong, other certified assayers are Dean Toye and Jacky Wang..

ACME
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METHODS AND SPECIFICATIONS FOR ANALYTICAL PACKAGE GROUP 6 - PRECIOUS METAL ASSAY

Analytical Process



Comments

Sample Preparation

Rocks and drill core are crushed to 75% minus 10 mesh (-1.7 mm), a 250 g subsample is riffle split then pulverized to 95% minus 150 mesh (-100 microns) or minus 200 mesh upon request. Reject and pulp duplicate splits are taken from two samples in every 34 to monitor sub-sampling variation related to sample inhomogeniety and analytical variation, respectively. One quarter (7.5 g) to two assay ton (58.4 ±0.01g) splits are weighed. STD Au-1 (Au reference material), STD Ag-2 (Ag reference material) or STD FA-10R (Au, Pt, Pd, Rh reference material) and a blank are added to each analytical batch to monitor accuracy. Results are reported in imperial (oz/t) or metric (gm/mt) measure. For metallics testing, 500+ gm is pulverized and sieved through a 150 or 200 mesh screen. The oversize material on the screen is weighed and assayed in total. A 1 or 2 assay ton split of the undersize fraction is also assayed .

Sample Digestion

Sample split is mixed with fire-assay fluxes containing PbO litharge and a Ag inquart then heated at 1000°C for 1 hour to liberate Au + PGE. After cooling, lead buttons are recovered and cupelled at 950°C to render Ag ±Au ±Pt ±Pd ±Rh dore beads. Beads are weighed then leached in 1 mL of conc. HNO_3 at >95°C to dissolve Ag leaving Au ±PGE sponges. A Au inquart is used for Rh assays where the concentration is likely to exceed 10 ppb. The sponge is dissolved by adding 6 mL of 50% HCl.

Sample Analysis

The solutions are analyzed by ICP-ES (Jarrel Ash Atom-Comp model 800 or 975) to determine Au, Pt, Pd and Rh. Au or PGEs over 1 oz/t are determined by gravimetric finish. Ag is determined both by fire assay and wet assay. Ag over 10 oz/t is reported from the fire assay while concentrations <10 oz/t are reported from the wet assay. Metallics testing reports concentrations of Au ±PGEs in the undersize fraction, the oversize fraction and the calculated weighted average of these fractions.

Data Evaluation

Raw and final data undergoes a final verification by a British Columbia Certified Assayer who then signs the Analytical Report before it is released to the client. Chief Assayer is Clarence Leong, other certified assayers are Dean Toye and Jacky Wang.

BONDAR CLEGG

Since 1962

130 Pemberton Avenue, North Vancouver, British Columbia, Canada V7P 2R5
Telephone: (604) 985-0681 Facsimile: (604) 985-1071

Gravimetric Determination of Gold and Silver by Fire Assay Using Lead as a Collector

Analytical Process

Receive samples.

↓

Sort and log samples.

↓

Implement sample preparation procedures, as requested by the client.

↓

Typically 30 or 50 grams of sample is weighed. Control standards, blanks and duplicate samples are also inserted into the sequence.

↓

The samples are mixed with a litharge flux and fused, forming a lead button and molten slag. The slag is removed. The lead buttons containing the precious metals are cupelled, resulting in a precious metal bead.

↓

If both silver and gold are requested, the bead is weighed on a microbalance. (This step is not necessary if the analysis is for gold only.)

↓

The bead is then parted with nitric acid, annealled and the resultant bead is weighed on a microbalance to give a weight for gold.

↓

The difference in weight after parting is the weight of the silver.

↓

The samples, control standards, blanks and duplicate data are reviewed. (If discrepancies are noted, appropriate re-analysis is issued.)

↓

Results are approved and the analytical report is generated.

↓

Final verification and approval is completed.

Scope

This method is suitable for the determination of high level gold and silver content in ores, concentrates and mill products by Fire Assay with a gravimetric finish.

Applicable Analyte Ranges

Method Code	Element	Detection Limit (ppm)	Upper Limit (ppm)
FA10/11/12/13	Ag	1.7	1, 000, 000
	Au	0.17	1, 000, 000

Precision

The precision tolerance of reported data result from all stages of the analysis and is subject to the sample matrix and the specific technique used.

Expected precision tolerance at various concentrations for this method are as follows:

Element	Expected Tolerance Level			
Ag (ppm)	Detection Limit		1.7	± 100%
	3.4	-	8.5	50%
	9.2	-	13.8	20%
	14.5	-	72.5	15%
		>	72.5	10%
Au (ppm)	Detection Limit		0.17	± 100%
	0.34	-	0.51	50%
	0.68	-	0.96	20%
	1.13	-	10.3	10%
		>	10.3	5%

This table is intended as a guideline in the absence of repeatability and reproducibility data.

Analysis of CME Standard Sample Material

CDN Resource Laboratories Ltd.

10945-B River Road, Delta, B.C., V4C 2R8 Ph: 604 596-2245 Fax: 604 588-3960

To: CME Consulting Ltd.
#2130, 21331 Gordon Way
Richmond, B.C.
V6W 1J9

File No: 210801
Date: September 10, 2001
Proj: CP56A

Attn: Mr. Chris Naas

REPORT ON THE PREPARATION OF ASSAY STANDARD REFERENCE MATERIAL CME-S-1

CDN Resource Laboratories Ltd. received a shipment of samples from CME Consulting Ltd. This material was used to prepare an homogeneous pulp suitable for use as an assay standard reference material.

The preparation procedure is described as follows:

1. The sample was dried. The material was mechanically ground then screened through a 200 mesh sieve. A rod mill was used for the original grinding. Oversize material was reground using a ring and puck pulverizer and then rescreened.

2. The -200 fraction was mechanically mixed for 4 days.

3. Random splits were taken from the sample for round-robin analysis. Round-robin samples were sent to the following laboratories: Acme, Bondar Clegg, Chemex and Assayers Canada.

4. The standard was bagged in 95 - 105g lots.

5. The samples were shipped to CME in Whitehorse for insertion into the sample stream.

Duncan Sanderson
Certified Assayer of British Columbia

CME-S-1 Round-robin assays

	Au (g/tonne)	Ag (g/tonne)
Bondar	10.33	1435.3
Bondar	10.11	1421.9
Bondar	10.23	1412.1
Bondar	10.64	1423.7
Bondar	10.16	1432.1
Bondar	10.78	1438.7
Bondar	10.84	1427.2
Bondar	10.17	1419.3
Bondar	10.20	1426
Bondar	10.56	1427.6
Chemex	9.67	1370
Chemex	10.08	1380
Chemex	9.73	1380
Chemex	10.09	1390
Chemex	10.03	1400
Chemex	9.92	1350
Chemex	9.99	1355
Chemex	9.88	1395
Chemex	10.03	1390
Chemex	10.05	1385
Acme	9.92	1452.4
Acme	9.92	1420.7
Acme	10.01	1451.3
Acme	9.94	1429.5
Acme	9.96	1489.9
Acme	9.96	1497.9
Acme	9.92	1417.7
Acme	10.10	1402.8
Acme	10.03	1409.2
Acme	9.71	1437.3
Assayers	9.90	1439
Assayers	10.13	1427
Assayers	10.07	1424
Assayers	10.07	1422
Assayers	10.20	1431
Assayers	10.10	1440
Assayers	10.20	1439
Assayers	10.10	1438
Assayers	10.17	1465
Assayers	10.27	1459
Sum	404.17	56851.60
Mean	10.10	1421.3
Std. Deviation	0.251	31.52
% RSD	2.48	2.22

ME YTI LAB ORT LTD 8 H ING V UVE V LR6 PH 604 -31 FAX)25 16
(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

CDN Resource Laboratories Ltd. PROJECT CME File # A103141
10945-B River Road, Delta BC V4C 2R8

SAMPLE#	Ag** gm/mt	Au** gm/mt
CME-S-1-1	1452.4	9.92
CME-S-1-2	1420.7	9.92
CME-S-1-3	1451.3	10.01
CME-S-1-4	1429.5	9.94
CME-S-1-5	1489.9	9.96
CME-S-1-6	1497.9	9.96
CME-S-1-7	1417.7	9.92
CME-S-1-8	1402.8	10.10
CME-S-1-9	1409.2	10.03
CME-S-1-10	1437.3	9.71
RE CME-S-1-10	1416.3	9.91
STANDARD R-1/AU-1	100.2	3.31

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: PULP
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 13 2001 **DATE REPORT MAILED:** Sept 24/01 **SIGNED BY.....** D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data FA

Assayers Canada
8282 Sherbrooke St.
Vancouver, B.C.
V5X 4R6
Tel: (604) 327-3436
Fax: (604) 327-3423

Quality Assaying for over 25 Years

Assay Certificate

1V-0388-PA1

Company: **CDN Resource Laboratories Ltd.**
Project: CME
Attn: Duncan Sanderson

Sep-21-01

We *hereby certify* the following assay of 10 pulp samples submitted Sep-13-01

Sample Name	Au g/tonne	Au g/tonne	Ag-fire g/tonne	Ag-fire g/tonne
CME-S-1-1	9.90		1439	
CME-S-1-2	10.13		1427	
CME-S-1-3	10.07		1424	
CME-S-1-4	10.07		1422	
CME-S-1-5	10.20	9.93	1431	1450
CME-S-1-6	10.10		1440	
CME-S-1-7	10.20		1439	
CME-S-1-8	10.10		1438	
CME-S-1-9	10.17		1465	
CME-S-1-10	10.27		1459	

Certified by _____

ALS Chemex

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

To: CDN RESOURCE LABORATORIES LTD.

10945-B RIVER RD.
DELTA, BC
V4C 2R8

A0124790

Comments: ATTN: DUNCAN SANDERSON

CERTIFICATE A0124790

(AHM) - CDN RESOURCE LABORATORIES LTD.

Project: CME ROUND ROBIN
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 21-SEP-2001.

SAMPLE PREPARATION

METHOD CODE	NUMBER SAMPLES	DESCRIPTION
LOG-22	10	Samples received without barcode
225	10	Run as received

ANALYTICAL PROCEDURES

METHOD CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
WEI-21	10	Weight of received sample	BALANCE	0.01	1000.0
Au-GRA21	10	Au g/t: 1 assay ton, grav.	FA-GRAVIMETRIC	0.07	1000.0
Ag-GRA21	10	Ag g/t: Gravimetric	FA-GRAVIMETRIC	3	3500

ALS Chemex

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

To: CDN RESOURCE LABORATORIES LTD.

10945-B RIVER RD.
DELTA, BC
V4C 2R8

Project : CME ROUND ROBIN
Comments: ATTN: DUNCAN SANDERSON

Page Number :1
Total Pages :1
Certificate Date: 21-SEP-2001
Invoice No. : I0124790
P.O. Number :
Account : AHM

CERTIFICATE OF ANALYSIS A0124790

SAMPLE	PREP CODE		Weight Kg	Au FA g/t	Ag FA g/t							
CME-S-1-1	9400	225	0.08	9.67	1370							
CME-S-1-2	9400	225	0.08	10.08	1380							
CME-S-1-3	9400	225	0.08	9.73	1380							
CME-S-1-4	9400	225	0.08	10.09	1390							
CME-S-1-5	9400	225	0.08	10.03	1400							
CME-S-1-6	9400	225	0.08	9.92	1350							
CME-S-1-7	9400	225	0.08	9.99	1355							
CME-S-1-8	9400	225	0.08	9.88	1395							
CME-S-1-9	9400	225	0.08	10.03	1390							
CME-S-1-10	9400	225	0.08	10.05	1385							

CERTIFICATION:

BONDAR CLEGG

Geochemical Lab Report

CDN RESOURCE LABORATORIES LTD.
10945-B RIVER ROAD
DELTA, B.C.
V4C 2R8

Bondar Clegg Canada Limited
130 Pemberton Avenue, North Vancouver, BC, V7P 2R5, Canada
Tel: (604) 985-0681, Fax: (604) 985-1071

BONDAR CLEGG

Geochemical Lab Report

REPORT: V01-01827.0 (COMPLETE) REFERENCE:

CLIENT: CDN RESOURCE LABORATORIES LTD. SUBMITTED BY: UNKNOWN

PROJECT: CME DATE RECEIVED: 14-SEP-01 DATE PRINTED: 25-SEP-01

DATE APPROVED	ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
010924	1	AuGrav Au - FA10/11	10	0.17 GMT	FIRE ASSAY	GRAVIMETRIC
010924	2	AgGrav Ag - FA10A/11	10	1.7 GMT	FIRE ASSAY	FIRE ASSAY-GRAV

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
P PREPARED PULP	10	4 AS RECEIVED	10	PULP VERIFICATION	10

REPORT COPIES TO: 10945-B RIVER ROAD INVOICE TO: 10945-B RIVER ROAD

****

This report must not be reproduced except in full. The data presented in this report is specific to those samples identified under "Sample Number" and is applicable only to the samples as received expressed on a dry basis unless otherwise indicated

****

Bondar Clegg Canada Limited
130 Pemberton Avenue, North Vancouver, BC, V7P 2R5, Canada
Tel: (604) 985-0681, Fax: (604) 985-1071

BONDAR CLEGG

Geochemical Lab Report

CLIENT: CDN RESOURCE LABORATORIES LTD. PROJECT: CME

REPORT: V01-01827.0 (COMPLETE) DATE RECEIVED: 14-SEP-01 DATE PRINTED: 25-SEP-01

SAMPLE NUMBER	ELEMENT UNITS	AuGrav GMT	AgGrav GMT
P4 CME S1 1		10.33	1435.3
P4 CME S1 2		10.11	1421.9
P4 CME S1 3		10.23	1412.1
P4 CME S1 4		10.64	1423.7
P4 CME S1 5		10.16	1432.1
P4 CME S1 6		10.78	1438.7
P4 CME S1 7		10.84	1427.2
P4 CME S1 8		10.17	1419.3
P4 CME S1 9		10.20	1426.0
P4 CME S1 10		10.56	1427.6

Bondar Clegg Canada Limited
130 Pemberton Avenue, North Vancouver, BC, V7P 2R5, Canada
Tel: (604) 985-0681, Fax: (604) 985-1071

CLIENT: CDN RESOURCE LABORATORIES LTD. PROJECT: CME

REPORT: V01-01827.0 (COMPLETE) DATE RECEIVED: 14-SEP-01 DATE PRINTED: 25-SEP-01

STANDARD NAME	ELEMENT UNITS	AuGrav GMT	AgGrav GMT
HX12 Oxide		6.62	10.3
Number of Analyses		1	1
Mean Value		6.620	10.30
Standard Deviation		-	-
Accepted Value		6.60	10.4

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BONDAR CLEGG

Geochemical Lab Report

CLIENT: CDN RESOURCE LABORATORIES LTD. PROJECT: CME

REPORT: V01-01827.0 (COMPLETE) DATE RECEIVED: 14-SEP-01 DATE PRINTED: 25-SEP-01 PAGE 3 OF 3

SAMPLE NUMBER	ELEMENT UNITS	AuGrav GMT	AgGrav GMT
CME S1 6		10.78	1438.7
Duplicate		9.91	1414.9

Bondar Clegg Canada Limited
130 Pemberton Avenue, North Vancouver, BC, V7P 2R5, Canada
Tel: (604) 985-0681, Fax: (604) 985-1071

Analysis of CME Blank Sample Material

ALS Chemex

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

To: CME CONSULTING LTD

2130 - 21331 GORDON WAY
RICHMOND, BC
V6W 1J9

A0123935

Comments: ATTN: CHRIS NAAS

CERTIFICATE A0123935

(QWQ) - CME CONSULTING LTD

Project: BLANK
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 12-SEP-2001.

SAMPLE PREPARATION

METHOD CODE	NUMBER SAMPLES	DESCRIPTION
PUL-21	5	Pulv. All Sample >85%/-75 micron
LOG-22	5	Samples received without barcode
229	5	ICP - AQ Digestion charge

* NOTE 1:

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

ANALYTICAL PROCEDURES

METHOD CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
WEI-21	1	Weight of received sample	BALANCE	0.01	1000.0
Au-MS21	5	Au ppb: Fuse 30g - ICPMS Finish	FA-ICPMS	1	2000
Ag-ICP41	5	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
Al-ICP41	5	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
As-ICP41	5	As ppm: 32 element, soil & rock	ICP-AES	2	10000
B-ICP41	5	B ppm: 32 element, rock & soil	ICP-AES	10	10000
Ba-ICP41	5	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
Be-ICP41	5	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
Bi-ICP41	5	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
Ca-ICP41	5	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
Cd-ICP41	5	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	500
Co-ICP41	5	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
Cr-ICP41	5	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
Cu-ICP41	5	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
Fe-ICP41	5	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
Ga-ICP41	5	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
Hg-ICP41	5	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
K-ICP41	5	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
La-ICP41	5	La ppm: 32 element, soil & rock	ICP-AES	10	10000
Mg-ICP41	5	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
Mn-ICP41	5	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
Mo-ICP41	5	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
Na-ICP41	5	Na %: 32 element, soil & rock	ICP-AES	0.01	10.00
Ni-ICP41	5	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
P-ICP41	5	P ppm: 32 element, soil & rock	ICP-AES	10	10000
Pb-ICP41	5	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
S-ICP41	5	S %: 32 element, rock & soil	ICP-AES	0.01	10.00
Sb-ICP41	5	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
Sc-ICP41	5	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
Sr-ICP41	5	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
Ti-ICP41	5	Ti %: 32 element, soil & rock	ICP-AES	0.01	10.00
Tl-ICP41	5	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
U-ICP41	5	U ppm: 32 element, soil & rock	ICP-AES	10	10000
V-ICP41	5	V ppm: 32 element, soil & rock	ICP-AES	1	10000
W-ICP41	5	W ppm: 32 element, soil & rock	ICP-AES	10	10000
Zn-ICP41	5	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

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To: CME CONSULTING LTD **

2130 - 21331 GORDON WAY
RICHMOND, BC
V6W 1J9

Project : BLANK
Comments: ATTN: CHRIS NAAS

Page Number :1-A
Total Pages :1
Certificate Date: 12-SEP-2001
Invoice No. :I0123935
P.O. Number :
Account :QWQ

CERTIFICATE OF ANALYSIS A0123935

SAMPLE	PREP CODE	Weight Kg	Au ppb ICP-MS	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm
CME-B-1A	9411 9400	26.22	1	< 0.2	1.34	6	20	60	< 0.5	< 2	0.67	< 0.5	5	62	17	1.85	< 10	< 1	0.11	< 10
CME-B-1B	9411 9400	-----	1	< 0.2	1.32	4	10	60	< 0.5	< 2	0.67	< 0.5	5	66	17	1.79	< 10	< 1	0.11	< 10
CME-B-1C	9411 9400	-----	< 1	< 0.2	1.33	2	10	60	< 0.5	< 2	0.66	< 0.5	5	68	17	1.83	< 10	< 1	0.10	< 10
CME-B-1D	9411 9400	-----	< 1	< 0.2	1.37	< 2	20	60	< 0.5	< 2	0.69	< 0.5	6	70	18	1.89	< 10	< 1	0.11	< 10
CME-B-1E	9411 9400	-----	< 1	< 0.2	1.32	4	10	60	< 0.5	< 2	0.64	< 0.5	5	61	17	1.84	< 10	< 1	0.10	< 10

CERTIFICATION:

ALS Chemex

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CERTIFICATE OF ANALYSIS A0123935

SAMPLE	PREP CODE	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
CME-B-1A	9411 9400	0.71	305	< 1	0.07	24	430	< 2	0.01	2	4	30	0.11	< 10	< 10	46	< 10	44
CME-B-1B	9411 9400	0.68	300	< 1	0.07	24	420	< 2	0.01	2	4	31	0.11	< 10	< 10	45	< 10	40
CME-B-1C	9411 9400	0.69	300	< 1	0.07	24	430	< 2	< 0.01	< 2	4	31	0.10	< 10	< 10	45	< 10	40
CME-B-1D	9411 9400	0.71	305	< 1	0.08	25	440	< 2	< 0.01	2	4	32	0.11	< 10	< 10	46	< 10	40
CME-B-1E	9411 9400	0.71	305	< 1	0.07	24	430	< 2	< 0.01	2	4	31	0.10	< 10	< 10	45	< 10	40

CERTIFICATION:

APPENDIX VII

STATEMENT OF COSTS

STATEMENT OF COSTS

Pre-January 1st, 2002

Labour Costs

C. Naas	50.5 days @ $500/day		$25,250.00
T. VanderWart	83.75 days @ 350/day		$29,312.50
G. Hawkins	4.5 days @ 450/day		$2,025.00
T. Hawkins	52 days @ 250/day		$13,000.00
B. Wheeler	26 days @ 250/ day		$6,500.00
K. Gibson	17 days @ $250/day		$4,250.00
		Total	**$80,337.50**

Analytical Costs

Acme Analytical Labs of Vancouver, BC		$27,535.34
CDN Resource Labs of Delta, BC		$6,674.42
	Total	**$34,209.76**

Disbursement Costs

Travel		$11,850.05
Courier, Telephone, Supplies, Reproductions, etc		$26,026.71
Fuel		$20,864.04
	Total	**$58,740.80**

Room & Board Costs

Cando International of Whitehorse, YT	**Total**	**$32,720.00**

Equipment Costs

Computer, Satphone, Survey equipment		$8,150.00
Generator		$6,627.18
	Total	**$14,777.18**

Drilling Costs

E. Caron Diamond Drilling of Whitehorse, YT	**Total**	**$209,350.00**

Total Costs of Surface Work for Assessment: $430,135.24

STATEMENT OF COSTS

Post-January 1st, 2002

Labour Costs

C. Naas	2.75 days @ $500/day		$1,375.00
T. VanderWart	19 days @ $350/day		$6,650.00
		Total	**$8,025.00**

Analytical Costs

Acme Analytical Labs of Vancouver, BC		$509.57
Bonder Clegg Labs of North Vancouver, BC		$99.13
	Total	**$608.70**

Disbursement Costs

Courier, Telephone, Supplies, etc	**Total**	**$1,929.06**

Report Costs

	Total	**$20,612.19**

Total Costs of Surface Work for Assessment: $31,174.95