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ASSESSMENT REPORT

GEOLOGICAL, GEOCHEMICAL, DIAMOND DRILLING AND DATA COMPILATION of the POP, MOM, TECH, STEN, GLEE, MB BERG, TM, and MIL Mineral Claims and the KUKU, PUP, MEK, and CL Mineral Claims

Whitehorse Mining District
Yukon Territory, Canada

Volume I of II

NTS 105D/3, 105D/4
60°11'N
135°17'W

for

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

by

Christopher O. Naas, *P.Geo.*
CME Consulting Ltd.
May 7, 2004

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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 $ 84,900.

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

Costs associated with this report have been approved in the amount of $ 84,900.00 for assessment credit under Certificate of Work No. QW27655

Mining Recorder
Whitehorse Mining District

SUMMARY

The Skukum property, located 80 kilometres south of Whitehorse in southern Yukon Territory, consists of 989 full or fractional Quartz Mining claims and three Crown Grants, which encompass two gold deposits (Mt. Skukum and Goddell Gully) 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 in the caldera center. The Skukum Creek deposit (Rainbow and Kuhn zones) and Goddell deposit (PD 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 near or at the caldera margin.

The Phase III Exploration Program, carried out between July 17th and December 20th, 2003, consisted of data compilation of historical Lake Zone drilling exploration, core reprocessing and sampling of historical core from Goddell Gully, and surface diamond drilling at Goddell Gully.

Core reprocessing, from the PD Zone, provided greatly improved lithology characterization and correlation. Many gold intercepts above 1 g/t Au were found; several above 5 g/t Au occurred. Gold discoveries and improved lithology mapping suggest that exploration opportunities are available in all directions. Surface diamond drilling in two locations at the west end of the PD Zone confirmed that significant gold exists outside the modeled deposit and further drilling is required. The best result was 5.32 g/t Au across 7.85 metres.

The recommended exploration programs, includes extension of the decline followed by diamond drilling of the PD Zone. The total of both elements is C$1,255,000.

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1.0 INTRODUCTION AND TERMS OF REFERENCE

The report summarizes the results of the 2003 Exploration Program carried out on the Carbon Hill area of the Skukum Property in Yukon Territory, Canada, at the request of Tagish Lake Gold Corp.

The exploration commenced on July 17th with fieldwork ending on November 30th, 2003. Fieldwork included data compilation, grid establishment and line cutting, geological mapping, petrographic studies, diamond drilling, core logging, soil, rock and core sampling. Although outside the Carbon Hill area, diamond drilling results from the Lake Zone at the Mt. Skukum area were incorporated into the data compilation program.

Definitions of the terminology, conversion factors and abbreviations are presented in Appendix I.

2.0 DISCLAIMER

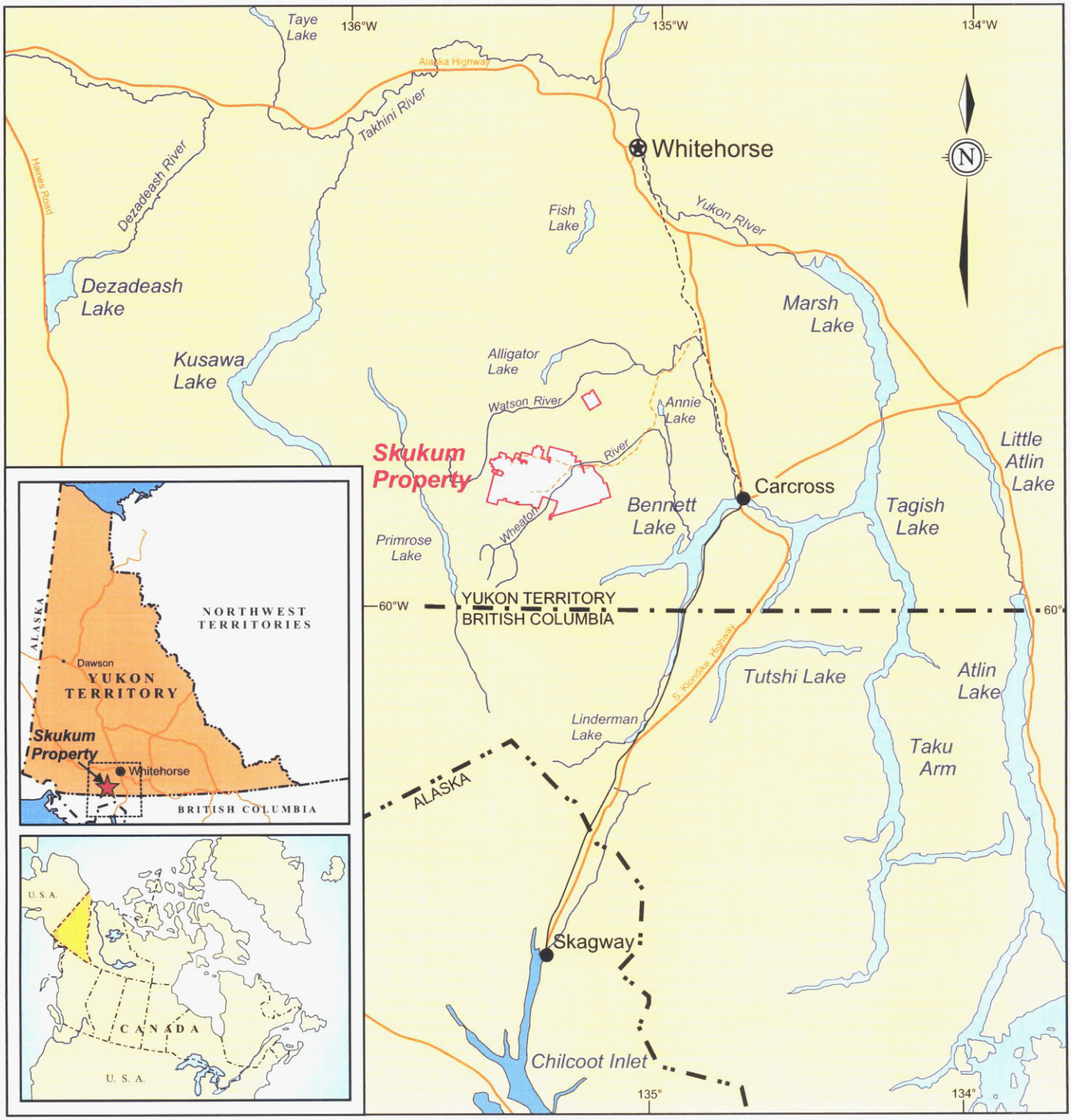
In the disclosure of information relating to legal, title and related issues, the author has relied on information provided by the Mining Recorder of Whitehorse, Yukon, and by Tagish Lake Gold Corp. The author disclaims responsibility for such information. The disclosure represents no legal opinion of 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 centred at approximately 60°10'N latitude and 135°30'W longitude within NTS map sheet 105D/3.

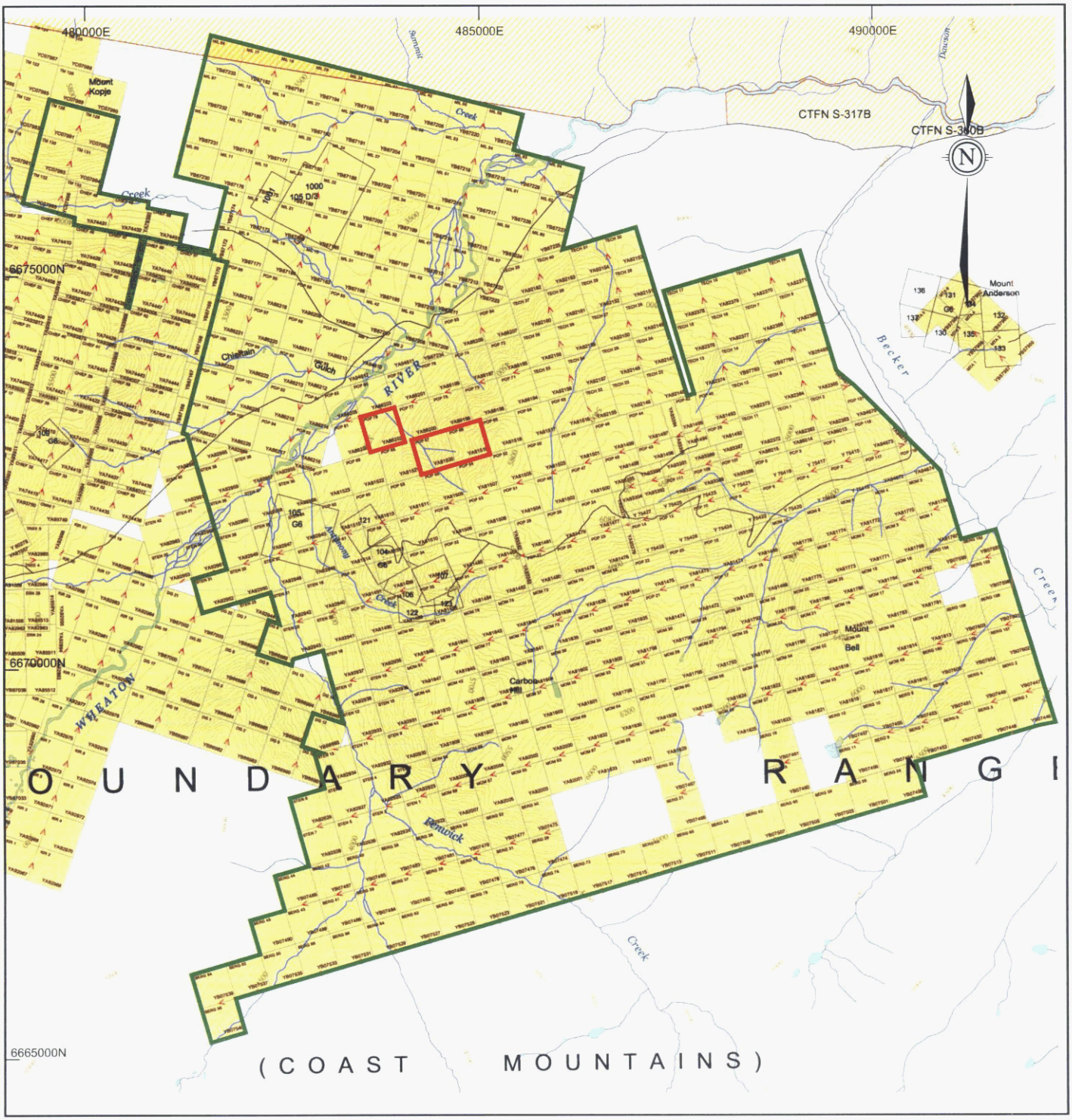
The 171.1 km^2 Property consists of 989 full or fractional Quartz Mining claims and 3 Crown Grants which encompass the Skukum Creek gold-silver deposit, the Goddell gold deposit, the past producing Mt. Skukum gold mine as well as additional gold showings. Of the 989 Quartz Mining claims that comprises the Property, 30 claims (HO 1-30; Grant Nos. YB95941-YB95970) are not contiguous. These claims are located 8.6 kilometres to the northeast of the camp facility.

Claims covering the past producing Mt. Skukum gold mine (168 claims) and the Skukum Creek deposit (75 claims) have been surveyed.



TAGISH LAKE GOLD CORP.			
LOCATION MAP			
Skukum Project Whitehorse M.D., Yukon Territory, Canada			
Project No:	P56D	By:	NH
Scale:	1:1,000,000	Drawn:	TV
Figure:	1	Date:	May 2004

CME



LEGEND

- Skukum Property work claim
- Skukum Property assessment claims

0 2000m

Mapsheet 105D/3
UTM Zone 8 North, NAD83

TAGISH LAKE GOLD CORP.

CLAIM MAP
CARBON HILL AREA
Skukum Property

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

Project No:	P56D	By:	WMR, TV
Scale:	~1:73,000	Drawn:	TV
Figure:	2	Date:	May 2004

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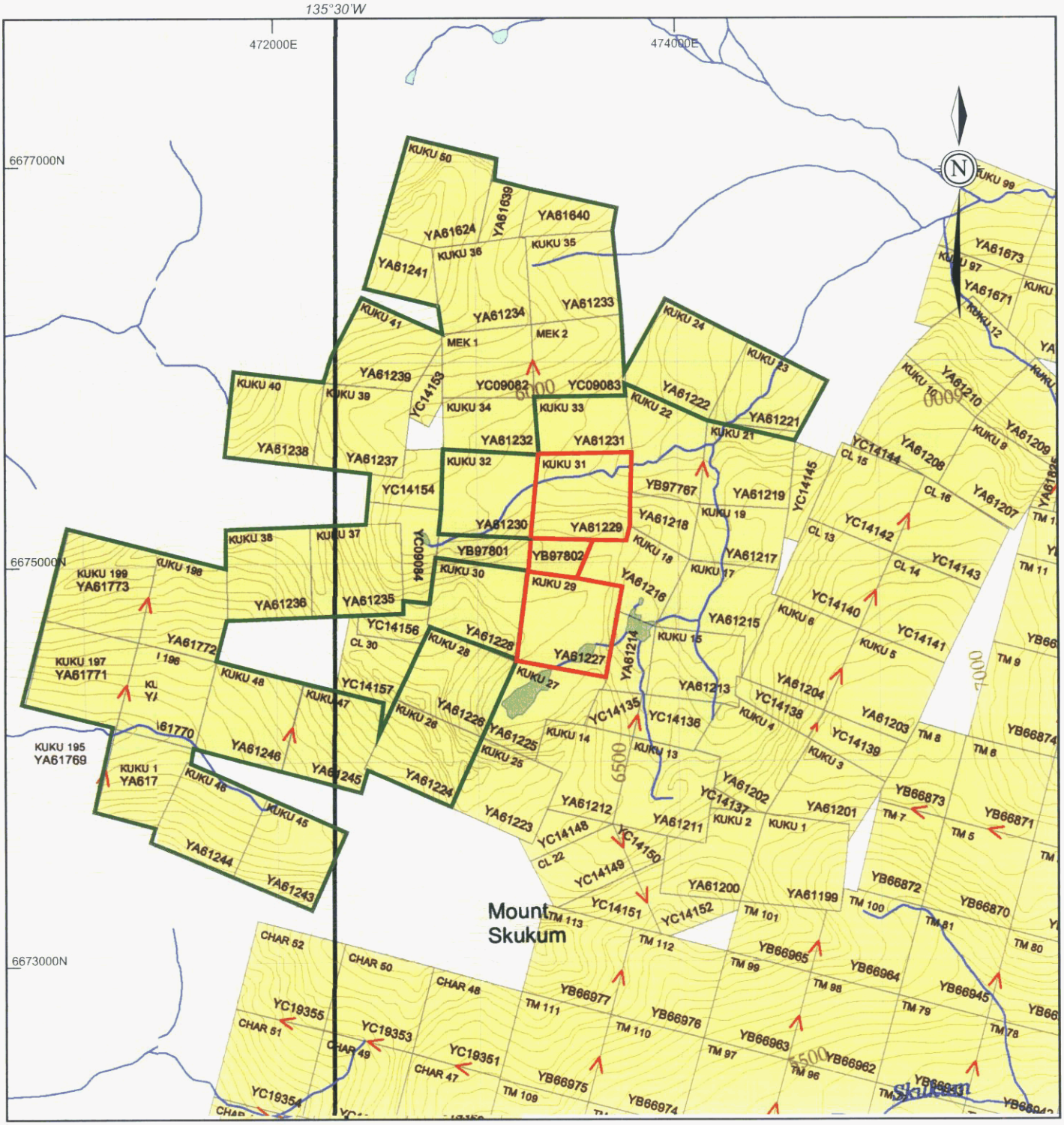

LEGEND

Skukum Property work claim

Skukum Property assessment claims

0 2000m

Mapsheet 105D/3
UTM Zone 8 North, NAD83

TAGISH LAKE GOLD CORP.

CLAIM MAP
MT SKUKUM AREA
Skukum Property

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

Project No:	P56D	By:	WMR, TV
Scale:	~1:28,000	Drawn:	TV
Figure:	3	Date:	May 2004

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3.1 TITLE

All claims that comprise the Property are registered in the name of Tagish Lake Gold Corp.

Arkona Resources Inc. ("Arkona") has a 30% working funded interest in 309 claims covering the Goddell deposit and surrounding area, which includes the MOM, POP, BERG and TECH (except TECH 5 and TECH 14) claims and the three Crown Grants.

The Property claims covered in this are summarized in Tables 1 and 2. The claims are shown on Figures 2 and 3. A list of each individual claim with expiry date is presented in Appendix II.

Table 1: List of Claims for Renewal, *Carbon Hill Area*

Claim Name	Claim Number(s)	Grant Number(s)
POP	1-14	Y75415-Y75428
	15-30	YA81468-YA81483
	32	YA81485
	34	YA81487
	39-49	YA81492-YA81502
	51	YA81504
	53	YA81506
	55-58	YA81508-YA81511
	60	YA81513
	62-64	YA81515-YA81517
	69-70	YA81522-YA81523
	71-76	YA86194-YA86199
	83-104	YA86206-YA86227
	105-116	YA93384-YA93395
	117-122	YA94672-YA94677
POP	101-104	YA93378-YA93383
MOM	1-10	YA81767-YA81776
	15-44	YA81781-YA81810
	47-60	YA81813-YA81826
	62-89	YA81828-YA82007
TECH	1-4	YA82362-YA82365
	7-13	YA82368-YA82374
	15-18	YA82376-YA82379
	19-21	YA86013-YA86015
	22-40	YA92145-YA92163
	6	YB26465
	14	YB97763
	5	YB97764
STEN	1-17	YA92922-YA92938
	20-22	YA92941-YA92943
	24-29	YA92945-YA92950
	31	YA92952
	33-39	YA92954-YA92960
	43-44	YA92964-YA92965

Table 1: List of Claims for Renewal, *Carbon Hill Area (cont'd)*

GLEE	66-68	YA94000-YA94002
	79-80	YA94013-YA94014
MB	1-3	YA94610-YA94612
BERG	1-12	YB07446-YB07457
	15-16	YB07460-YB07461
	21-22	YB07466-YB07467
	29-45	YB07474-YB07490
	54	YB07499
	56	YB07451
	58	YB07453
	60	YB07455
	62	YB07457
	64	YB07459
	66	YB07461
	68	YB07463
	70	YB07465
	72	YB07467
	74	YB07469
	76	YB07471
	78	YB07473
	80	YB07475
	82	YB07477
	84	YB07479
	86	YB07481
	88	YB07483
	90	YB07485
	92	YB07487
	94-95	YB07489-YB07490
	152-154	YB07597-YB07599
	156-160	YB07601-YB07605
TM	127-129	YC07990-YC07992
	131	YC07994
	133	YC07996
DG	8	YB66989
	12	YB66995
MIL	6-69	YB67171-YB67234

Table 2: List of Claims for Renewal, *Mt. Skukum Area*

KUKU	23-24	YA61221-YA61222
	34-41	YA61232-YA61238
	43	YA61241
	45	YA61243
	48	YA61246
	50	YA61624
	65-66	YA61639-YA61640
	194	YA61678
	196-199	YA61770-YA61773
PUP	29	YB97801
MEK	1-3	YC07996-YC07998
CL	26-27	YC14153-YC14154

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.

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 163 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 Mt. 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. A trailer formerly located at the Goddell Portal site was moved to the camp in 2003, and another trailer was purchased and moved to the site to increase office space and provide some recreational facilities. Water for the camp is drawn from a nearby well.

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, an 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 which provides a drift 200 metres in length, a footwall cross-cut and drawpoints connecting the two. 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 1,015 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. Mountaintops 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

Historical work and results are summarized by geographic area. A more detailed account of the history of the Property can be found in Naas (2002).

5.1 MT. SKUKUM AREA

In 1981, Agip Canada Ltd. (Agip) discovered gold in the Mt. Skukum area based on an anomalous gold in silt samples from Butte Creek. Subsequent exploration led 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.

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, including the Lake and Brandy Zone veins.

At the Lake Zone, 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).

Resources for the Lake Zone were calculated by the Mount Skukum Gold Mines mine staff using a "triangle" method, with each apex a drill hole intersection. Using minimum width of 1.5 metres, a resource of 109,200 tonnes grading 13.4 g/t Au was determined. No classification was presented for this resource (Wheaton 1991).

In 1991, Wheaton River Minerals Ltd. (Wheaton) purchased the Mt. Skukum claim group and the 270 t/d mine from Mount Skukum Gold Mines. In 1994, Omni acquired the claims and mill from Wheaton. From 1995 to 1999, Omni added to their claim package in the Mt. Skukum area through claim staking.

During 2001, TLG relocated and resampled the aforementioned occurrences. Sampling confirmed historic grades, with the most notable result from the Wolverine Vein, which returned up to 52.22 g/t Au and 30.01 g/t Ag from a narrow quartz-carbonate stockwork vein.

5.2 CARBON HILL

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

At the Porter-Fleming showing, trenching was undertaken between 1898 and 1905 but no records of results of this work were found. From 1906 to 1915, 335 metres of underground development were 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). A short adit was driven at the Goddell showing at this time and some trenching completed between 1906 and 1910. The Becker-Cochran showing had been worked intermittently between 1906 and 1940. Trenching and two short adits were driven with lengths quoted as 30.5 metres and 27.4 metres. Work was also performed at other showings on Carbon Hill in this same time period although detailed reports are missing. These include hand trenching at the Carbon showing and extensive hand trenching at the Empire showing.

Between 1964 and 1967, Yukon Antimony acquired or staked claims over Becker-Cochran, Goddell, and Porter-Fleming showings. At Becker Cochran, exploration over this period included 567 metres of diamond drilling and driving of three adits on two levels that totaled 160 metres of crosscuts and 270 metres of drifting. The second level is 46 metres below the uppermost. Work at the Becker-Cochran showing defined a mineralized antimony-bearing

shear zone approximately 350 metres long. Widths varied 1.5 metres to 7 metres and a vertical extent of 120 metres was reported (Hylands, 1966). Underground maps reveal that as many as three parallel zones coexist in a sheeted fashion. Cross cutting late dykes and faults were estimated to represent 30% of lateral development and caused mineralized systems to be lost for substantial distances.

A trench was excavated using both a bulldozer and shovels during 1964. It measured 7 by 3 metres. Sampling in this trench returned antimony values ranging from 2.5% to 27.5%. The material was both mineralized gouge and quartz vein bearing stibnite. Arsenic red and yellow stains were pervasive. Independent metallurgical work at two laboratories reported head grades of 9.52% and the other at 11.78% antimony (Hylands, 1966). The bulk sample originated from the trench.

Berglynn Resources Inc. staked the Becker-Cochran area in 1974 and optioned the property to Belmoral Mines the same year. Belmoral 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 at Becker Cochran and the Empire showing. Con-Am also staked the Goddell area in 1976 (Con-Am, 1977).

In 1984, Berglynn staked claims from Goddell to Becker Cochran, as well as ground to the south on Carbon Hill. During the same year, the three Crown Grants over the Porter veins were purchased by B. Wilson, who then also staked several claims surrounding the Crown Grants. Surface and underground sampling on the Porter showing 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). The Crown Grants were transferred to Skukum Gold Inc. in 1989.

In 1985, Berglynn completed a 1,632 soil sampling program that covered a 3.4 by 4.9 kilometre area from Goddell Gully to Becker Cochran. Five anomalous areas were defined with gold values in the 600 to 1,500 ppb Au range (Doherty, 1986). 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, 1987).

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 at 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 to 200 ppb Au and 100 to 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 1,500 ppb Au from Conglomerate Creek. Sampling within the Becker-Cochran adit returned background gold values (Garagan, 1987).

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, 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 drill holes totaling 2,854.47 metres tested the Goddell Fault at relatively shallow depths (920-1280 metres 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 drill holes totaling 818.08 metres tested the Horseshoe Gulch area, but returned low gold values. Two drill holes 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 drill holes 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 PD Zone (Rodger, 1997).

In 1990, seven drill holes 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).

Arkona Resources Inc. (formally Berglynn) and 276 Taurus Ventures Ltd. (Taurus) 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.

Exploration in 1995 consisted of five drill holes into the PD Zone, 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).

In 1996 Trumpeter Yukon Gold (TYG) and Omni negotiated an agreement for which TYG could acquire 50% interest in Omni's Skukum Property. The main focus of the agreement was to develop the PD Zone of the Goddell Deposit.

A 3.5 by 4.0 metre decline was collared in late 1996, with 780 metres of underground workings and 9,242.55 metres of diamond drilling was completed by September 1997. The PD 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 drill hole 97-41, which returned 26.23 g/t Au over a core length of 11.06 metres. The most easterly drill hole from the deposit returned 9.91 g/t Au over a core length of 1.6 metres (97-66).

On surface, during 1996, Omni drilled two holes (510.23 metres) near the Porter-Fleming showing and encountered only weak values of antimony (266.7 ppm Sb over 0.9 metres) and background levels of gold. One drill hole, which totaled 887.58 metres in length, was 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).

In 1999, TYG consolidated the Skukum information base through a data compilation program. This was followed by resource estimation with the results summarized in Table 2. The resource modeling used inverse distance weighing and a selective outline defined by 5 g/t Au and a minimum width of 1.5 metres (Naas and Rodger, 1999).

Table 3: Resource Estimate: *Goddell Gully Deposit* (Naas and Rodger, 1999)

Category	Tonnage (t)	Gold (g/t)
Indicated	145,446	10.20
Inferred	92,247	16.41
Total	237,694	12.61

In December 2000, TYG and Omni amalgamated into Tagish Lake Gold Corp.

In 2002, MineTech International Limited was commissioned to complete an estimate of the gold resource for the Skukum Property. Table 3 presents their summary for the Goddell Gully Deposit.

Table 4: Resource Estimate: *Goddell Gully Deposit* (Roy and Hannon, 2003)

Cutoff Grade (g/t)	Indicated Resources: Tonnage (t)	Gold Grade (g/t)
3	400,000	9.55
4	360,000	10.26
5	320,000	11.02
6	260,000	12.25
7	220,000	13.44
8	180,000	14.56
9	150,000	16.05
10	110,000	18.24

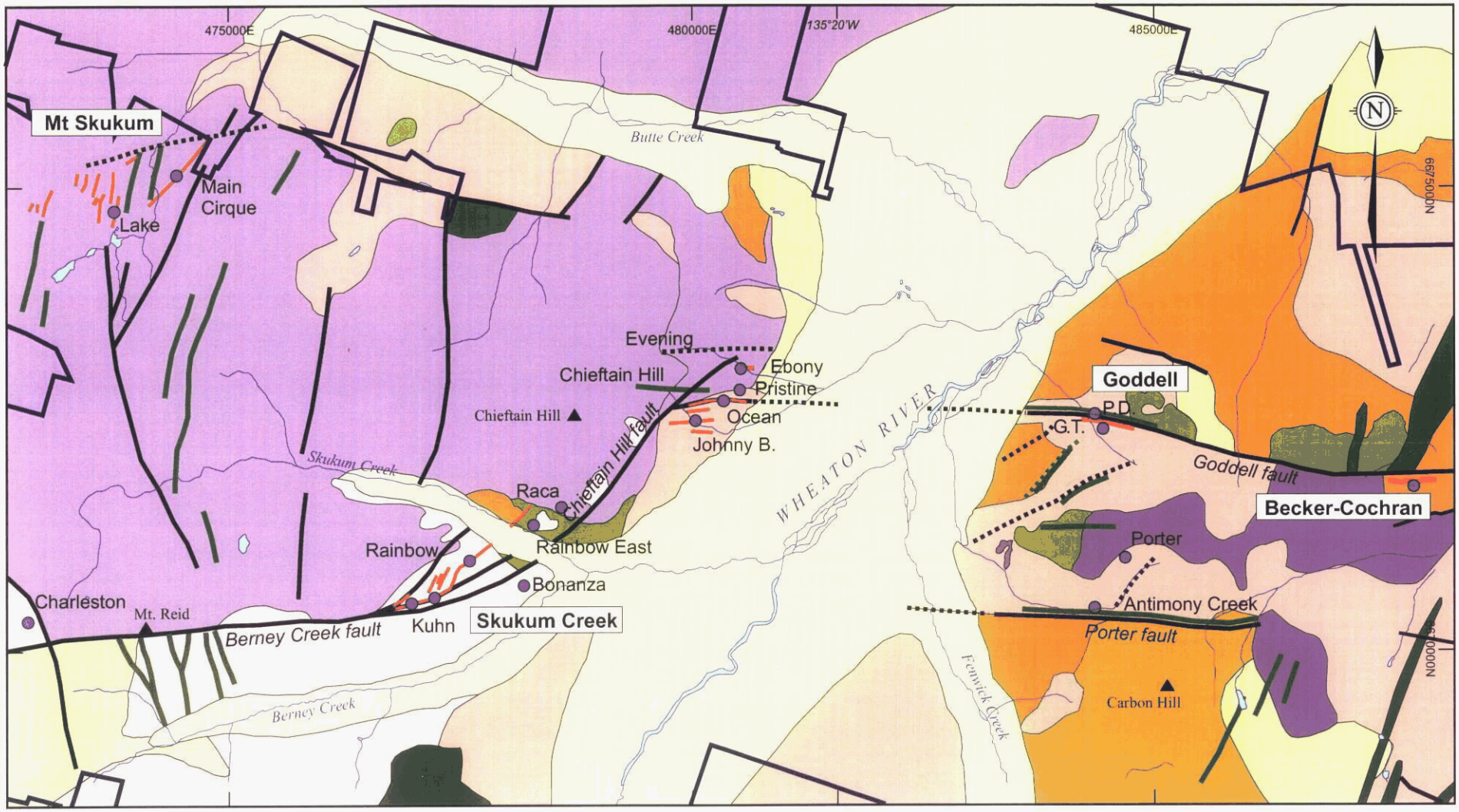
Cutoff Grade (g/t)	Inferred Resources: Tonnage (t)	Gold Grade (g/t)
3	350,000	8.11
4	310,000	8.75
5	280,000	9.21
6	210,000	10.28
7	170,000	11.16
8	150,000	11.86
9	113,000	12.81
10	82,000	14.15

6.0 GEOLOGICAL SETTING

6.1 REGIONAL GEOLOGY

The regional geological setting of the Skukum project area is described in Hart and Radloff (1990), from which the following information is summarized. The project area is located within the Intermontane belt of the Canadian Cordillera. Oldest rocks in the area are comprised of domains and screens of probable Paleozoic gneiss, assigned to the Nisling Terrane by Hart and Radloff (1990), and Jurassic andesitic volcanic and siliciclastic sedimentary rocks of the Stikine Terrane and Whitehorse Trough overlap assemblage (Figure 4). Stratigraphic and contact relationships are commonly obscured by the many intrusions associated with the Coast Plutonic Complex. Strata of the Jurassic Whitehorse trough are affected by a series of open to tight, northwest-trending folds that probably formed in Upper Jurassic to Lower Cretaceous time, approximately coeval with activity of the Skeena Fold Belt to the south in British Columbia. The folds are superimposed on earlier, probably pre-Triassic, metamorphic fabrics and the northwest-trending Tally-Ho shear zone, a major Late Triassic shear zone that is developed approximately 15 km to the northeast of the project area and which forms the easternmost limit of exposures of the Nisling Terrane.

Mesozoic plutonic rocks, which underlie much of the project area, separate the Jurassic units and Nisling Assemblage into isolated domains and screens. Major intrusions include the Alligator Quartz Monzonite and the late Triassic or early Jurassic K-feldspar megacrystic Bennett Granite that are widespread east of the Wheaton River in the Skukum project area (Figures 3 and 4). The most abundant rock types in the region comprise metaluminous Cretaceous intrusions of the Coast Plutonic Complex, which are subdivided into several plutonic suites by Hart and Radloff (1990). The dominant Cretaceous suites in the project area include the Mt. McIntyre plutonic suite (96 to 119 Ma), comprising the Mt. Ward granite and Carbon Hill quartz monzonite (Figure 4), and the Whitehorse plutonic suite (116 to 119 Ma), locally represented by the Mt. McNeil granodiorite pluton (Figure 4). Isolated accumulations of mid- to late-Cretaceous volcanic rocks of intermediate composition of the Mt. Nansen Group are present regionally and are approximately coeval with the Coast Plutonic Complex.



LEGEND

GEOLOGY

Recent
- Alluvium, colluvium

Tertiary
- Skukum Group volcanics
- Rhyolite to andesite dykes, stocks

Cretaceous
- Mt Nansen Group volcanics

Upper Jurassic
- Clastic sediments, andesitic volcanics

Mid-Cretaceous Intrusions
- Mt. McNeil pluton: granodiorite
- Mt McIntyre Plutonic Suite: quartz monzonite, granite

Late Triassic to Early Jurassic Intrusions
- Bennett Granite: K-feldspar megacrystic granite
- Alligator quartz monzonite

Paleozoic
- Nisling Assemblage metamorphic rocks

SYMBOLS

- Selected deposit or showing
- Skukum Creek — Deposit name
- Fault
- Fault, inferred
- Au ± Ag ± Sb or Sb mineralized vein or fault
- Property boundary

0 — 2.5km

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

TAGISH LAKE GOLD CORP.

PROPERTY GEOLOGY MAP
Skukum Property

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

Project No:	P56D	By:	DR, TV
Scale:	1:62,500	Drawn:	TV
Figure:	4	Date:	May 2004

CME

In the Skukum project area, these rock types occur on the eastern flanks of Carbon Hill and southeast of Goddell Gully near the Becker-Cochran deposit, where they comprise green tuff and tuff breccia that unconformably overlie the Bennett Granite and Jurassic strata (Figures 3 and 4).

Late Cretaceous and Early Paleocene brittle dextral displacement associated with widespread dextral displacement throughout the Cordillera is related to reactivation of the Triassic Tally-Ho shear zone. This phase of displacement formed a brittle fault system, termed the Llewellyn fault by Hart and Radloff (1990), which exploited parts of the earlier Tally-Ho structure. Subsidiary faults generated during this tectonic episode may subsequently have been remobilized during Eocene volcanic activity to locally form caldera-bounding structures; these may also have acted as permeable structural sites for the formation of the late-volcanic vein deposits hosted by faults and shear zones in the Skukum project area.

Pre-Tertiary rock types in the region are unconformably overlain by at least four Late Paleocene to Early Eocene volcanic complexes that form the Skukum Group, and are intruded by numerous associated rhyolite and andesite dykes. In the project area, these are the youngest exposed rocks and are represented by the Early Eocene Mount Skukum volcanic complex, a caldera sequence that underlies western portions of the project area (Figure 4). The complex comprises a bimodal sequence of subaerial volcanic and volcaniclastic rocks with a total thickness that locally exceeds 800 metres, and an areal extent of approximately 200 km^2. Exposures of the complex adjacent to the study area near the Skukum Creek deposits and in the Chieftain Hill area (Figure 4) are composed mainly of massive to poorly bedded, plagioclase porphyritic andesitic flows and tuff (McDonald *et al,* 1990). Rocks of the Mt. Skukum Volcanic Complex are locally separated from pre-Tertiary rock types by east- to northeast-trending, curved faults such as the Berney Creek fault and Wheaton lineament that may have been active synchronously with volcanism and which potentially form caldera-bounding structures (Figure 4; Hart and Radloff 1990). These structures, which locally may represent reactivated older faults, and parallel faults within the volcanic complex are host to or control probable synvolcanic vein and shear zone hosted Au-Ag mineralization in the district.

6.2 PROPERTY GEOLOGY

6.2.1 Proterozoic to Paleozoic Metamorphics

Metamorphic rocks of the Nisling Terrane underlie the western extent of the property (Charleston area), and occur as isolated roof pendants in the Chieftain Hill and Goddell areas of the property. These metamorphics are comprised of three units, the Nisling and Nasina assemblages as well as undifferentiated gneiss.

Nisling Assemblage

Comprised of rusty-brown weathering, competent, non-fissile biotite-muscovite-quartz-feldspar schist, quartzite and marble. A planar foliation is well developed parallel to compositional layering. Compositional layering is observed in the schists and quartzites from 1 to 2 centimetres wide and from 1 to 100 metres wide in the marbles.

Nasina Assemblage

These rocks are very similar to the Nisling Assemblage in composition but distinguishable by graphitic, commonly garnet-bearing quartz schists and lesser marble. The best exposures are seen to the west of Mt. Skukum. The rocks are also well foliated but fissile due to partings on the graphitic layers. The typical lithology is garnet-muscovite, garnet-graphite schists and carbonaceous quartzite.

Undifferentiated Gneiss

Feldspar-hornblende orthogneiss with minor biotite, epidote, and chlorite are found on Chieftain and Carbon Hills in the Wheaton River area. This unit is not in actual contact with the other two but has been included in the Nisling Terrane based on descriptions and other relationships determined by other workers.

6.2.2 Probable Jurassic volcanic and siliciclastic rocks, eastern Rainbow zone

Conglomerate

Pebble conglomerate is present in several drill holes completed historically at the eastern end of the Rainbow zone, immediately southwest of Skukum Creek. The unit is composed of clast-supported conglomerate with rounded clasts of chert and quartzite in a pale green sericitic matrix. This unit probably belongs to the Jurassic Tantalus Formation (cf., Hart and Radloff, 1990). It is present in an area of no outcrop and core is incomplete and partially lost for the holes containing this unit, so its contact relationships and orientation could not be assessed. Conglomerate that has been mapped along the southeastern flanks of Chieftain Hill by Mt. Skukum Mines (unpublished mine maps; Hart and Radloff, 1990), and which is intercalated with Jurassic volcanic rocks, may also correlate with this unit.

Intermediate volcanic rocks

Holes drilled in the Rainbow East zone (RACA97-1 to RACA97-3) first pass through thick, recent talus of fresh Tertiary volcanic rocks, and then intersect pale grey, sericite-pyrite±magnetite altered, locally plagioclase±pyroxene porphyritic volcanic rocks of probable intermediate composition. Main rock types include massive, grey lapilli to block tuff and tuff breccia, and massive porphyritic flows or subvolcanic intrusive rocks. These units are distinct from the fresh Tertiary volcanic units present in talus higher on the slope. Their altered state, close spatial association with Jurassic conglomerate of the Tantalus Formation that is present immediately across Skukum Creek, and occurrence of Cretaceous intrusive rocks within them suggest that they may correlate with Jurassic pyritic andesitic volcanic rocks present on the eastern flank of Chieftain Hill two kilometres to the northeast (Figure 4). Since these volcanic units are present in an area of poor exposure under talus, their contact relationships with adjacent rock types are unknown.

6.2.3 Intrusive Rock Types

Ten types of intrusive rock of widely variable composition and texture are identified underlying the Property. In general, the rocks comprise at least three larger intrusive masses and numerous dykes, including andesitic and rhyolitic dykes of Tertiary age. The dykes are most abundant within and immediately adjacent to major fault zones, which probably provided the structural control for their emplacement. In some cases, the appearance of certain types of dykes can be significantly modified by hydrothermal alteration and lead to confusion in assignment.

Pre-Tertiary Intrusions

Biotite-hornblende granodiorite (Mt McNeil pluton; Cretaceous)

Within the Skukum project area, the Mt. McNeil pluton underlies the valley of Berney Creek, Mt. Reid and the south side of Skukum Creek, immediately to the south of the Mt. Skukum volcanic complex (Figure 4). Hart and Radloff (1990) report a 111 Ma U-Pb zircon age from the pluton in the Skukum project area. This intrusion is the most common host rock to the Skukum Creek deposits. It is characterized by large, euhedral hornblende grains that locally exceed 1 cm in length but which are mostly 3 to 6 mm long. The unit is coarse-grained and equigranular to seriate. It typically contains approximately 10% hornblende, 5% biotite, 25 to 30% quartz, 30 to 35% plagioclase and 20% K-feldspar, providing an IUGS classification as biotite-hornblende granodiorite. Fresh rock contains abundant magnetite. Partially disaggregated cognate xenoliths of fine-grained diorite are common. Where fresh, it is strongly and evenly magnetic. Hornblende and biotite have been at least partially replaced by greenish chlorite in even the freshest samples. Alteration is pervasive and much stronger close to major shear zones.

K-Feldspar megacrystic biotite-hornblende granite (Bennett Stock; Triassic-Jurassic)

Drill holes completed in the Rainbow East zone on the northeast side of Skukum Creek (holes RACA97-1 to 3) intersected a foliated K-feldspar megacrystic granite, which based on textural and mineralogical similarities is interpreted to be the Bennett granite which is widespread in the region. Doherty and Hart (1988) report a U-Pb zircon age for the Bennett granite of about 220 Ma, although other U-Pb dates in the region return approximately 175 Ma (J. K. Mortensen, pers. comm. 2002). This unit is broadly similar to the biotite-hornblende Mt. McNeil granodiorite at Skukum Creek, but is distinguished by: (i) the presence of megacrysts of euhedral K-feldspar up to several centimetres in size in a coarse-grained, equigranular matrix; and (ii) a higher K-feldspar/plagioclase ratio. It is properly called granite. This unit is invariably altered near veins and shear zones.

Porphyritic hornblende monzonite to quartz monzonite

This unit is present as irregular bodies and dark dykes within the Mt. McNeil pluton in the vicinity of the Skukum Creek deposits. It commonly contains inclusions of the Mt. McNeil granodiorite. The unit typically has a salt and pepper texture that reflects subequal concentrations of euhedral hornblende prisms and equant, white plagioclase phenocrysts. The groundmass is dark and fine-grained. Some variations on this rock type contain minor quartz. Plagioclase phenocrysts typically form approximately 40% of the rock, but locally exceed 50% requiring it to be called a porphyry. The moderate response to K-feldspar staining is

consistent with monzonite. This rock type is common in the Skukum Creek area, but it was not observed at Goddell Gully or Chieftain Hill. Where present within or near mineralized shear zones, this unit is invariably altered. The rock locally contains minor cognate diorite xenoliths, but their concentration is markedly less than in the Mt. McNeil granodiorite.

Biotite-pyroxene monzodiorite

This rock type was observed only in the Skukum Creek area within the Taxi zone, and in DDH 98GE-1 located southeast of the Rainbow and Kuhn zones. In the Taxi zone, a diorite cross cuts the Mt McNeil granodiorite, whereas at Golden Eagle an opposite relationship was observed. The intrusions in each example are medium-grained and equigranular. Quartz is locally present in minor (<5%) concentrations, and the rock is moderately magnetic. Biotite and pyroxene together make up 30 to 35% of the rock. K-feldspar staining indicates that this rock type is most appropriately described as a biotite-pyroxene monzodiorite or quartz monzodiorite. Both dioritic bodies that were encountered have a weak foliation and are cut by chloritic and/or sericitic veinlets.

Biotite granite

This is a medium-grained, equigranular intrusive rock that occurs locally in the Taxi zone and in drill holes south of the Kuhn Fault. It typically has no or only minor alteration or fabric. Dykes of this rock type cross cut the Mt McNeil granodiorite, but were not observed in contact with other intrusions. The rock is moderately magnetic and the only ferromagnesian phase is biotite. It is cut locally by chlorite or sericite veinlets.

Hornblende-biotite quartz monzonite (Carbon Hill pluton of Mt. McIntyre Plutonic Suite)

This is the main host rock to the Goddell Gully and Porter fault zones on the east side of the Wheaton River valley. Hart and Radloff (1990) report a poorly constrained K-Ar date of 96±15 Ma for this intrusion, which is broadly consistent with 107 to 110 Ma U-Pb zircon results obtained from other plutons of the same plutonic suite in the area. It is a medium-grained, equigranular rock with subequal K-feldspar and plagioclase and about 20% combined hornblende and biotite. It is moderately magnetic, but less so than the Mt McNeil stock. It has invariably been affected by strong alteration where close to the Goddell Gully and Porter fault zones. No temporal relationships were observed with other intrusions except for cross-cutting Tertiary rhyolite and andesite dykes.

Pegmatites and aplites

These were observed mainly in the Mt. McNeil granodiorite in the Skukum Creek area. They are most abundant in areas that are also cut by biotite granite dykes, to which they might be related. They are late magmatic features that are cut by minor shear zones and altered. None of these dykes observed during this study exceed 0.5 metres in width (most are <5 cm wide), and they are widely dispersed through the host intrusions. One small aplite graded to a core of clear quartz, a pattern common to aplites in many systems.

Tertiary Volcanics (Mt. Skukum Volcanic Complex)

The complex is an early Eocene, bimodal sequence of sub-aerial volcanic and volcaniclastic rocks that have been deposited over approximately 140 sq. kilometres. The complex trends northeast in a 20 by 11 kilometre ellipsoid, bounded by faults to the south and east, and divided into two parts by two north-south trending faults. The eastern part has been down-dropped by as much as 300 metres relative to the western block (Pride, 1986). The eastern portion of the complex 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 is underlain by at least 850 metres of andesite, which host the Mt. Skukum gold deposit. The andesite unconformably overlies the basement of metamorphic Nisling Terrane and intrusive Coast Plutonic Complex on a highly irregular erosional surface (Jago, 1991).

The stratigraphy of the Mt. Skukum Volcanic Complex has evolved over time by the various workers. The following terminology is based on the work of Hart and Radloff (1990).

Ibex Formation: dark, vitreous, flow-banded rhyodacite flows with sparse feldspar phenocrysts and welded tuff and common granitic fragments. This unit may or may not be part of the Skukum Group but is found overlain by Butte Creek Formation.

Mount Reid Formation: Massive, hematitic, clast-supported, cobble and boulder conglomerate with locally derived basement fragments.

Butte Creek Formation: consists of three sub-units of well-bedded, pastel coloured felsic and altered felsic pyroclastic rocks with interbeds of grey, green and purple interbeds, interlayered epiclastic sediments and tuffs, and undivided tuff and epiclastics.

Watson River Formation: massive to poorly-bedded, dark-brown and purple to pale green columnar-jointed andesite and andesite porphyry flows, as well as pale green dacitic to andesitic lithic tuff.

Vesuvius Formation: consists of a variety of rhyolite tuffs and flows, lithic tuffs, and a collapse breccia of large blocks of flow-banded rhyolite. The various sub-units range in colour from dark reddish-brown to green to tan to grey.

Tertiary Dykes and Stocks

Andesite dykes

These intrusions are widespread throughout the project area, but are generally most common within or adjacent to major fault zones (cf., rhyolite dykes below). The most common types are either aphanitic and dark grey, or have a porphyritic texture defined by hornblende and plagioclase. Both types of dyke may be altered and locally mineralized. Some of the aphanitic dykes may be narrow equivalents of the porphyritic monzonite phase described above. The porphyritic examples are relatively more common at Goddell Gully. Staining indicates that the dykes are actually monzonites and porphyritic hornblende monzonites, rather than andesites, although it is probable that all of these intrusive types are present. The andesites were observed to cut most of the pre-Tertiary phaneritic intrusive rocks, but with respect to rhyolites it can only be said that some andesite dykes are older than some rhyolite

dykes. Several types of andesite dyke are probably present in the area, but work was inadequate for full delineation. Andesite dykes that intrude pre-Tertiary rocks in the region may represent subvolcanic feeders to the Mt. Skukum volcanic complex.

Rhyolite dykes

These intrusions comprise a diverse group of felsic dykes that are variable in mineralogy, texture, and their spatial and temporal relationships to hydrothermal alteration and mineralization. Rhyolite dykes were observed to cut most intrusions on the property, but have variable timing relative to andesites as noted above, suggesting multiple pulses of both intrusive types. Like the andesite dykes, rhyolite dykes commonly have a spatial association with, or are developed within, major east- and northeast-trending fault systems. In the Skukum Creek area and at Chieftain Hill, the most typical appearance of the includes a buff to light grey colour, and a aphanitic texture with up to 10% clear, rounded to square and locally resorbed quartz phenocrysts mostly <3 to 4 mm in size. Prominent flow banding is well developed near the contacts of many of the larger dykes.

Three distinctive quartz±Kfeldspar porphyritic dykes that are present in the Goddell Gully area along the Goddell fault belong to the rhyolite dyke group. These have been termed the North, Central and South marker dykes in old drill logs, based on a consistent and predictable distribution along strike. The North and South Marker dykes lack flow banding and have a higher concentration of K-feldspar phenocrysts and more variable concentrations of quartz phenocrysts than the Central Marker dyke. The Central Marker dyke has well-developed flow banding, overall texture, equant quartz phenocrysts, and alteration and disseminated pyrite that makes it much more similar to the mineralized rhyolite dykes at Skukum Creek. The relative age of the three rhyolite dykes at Goddell was not established.

A single, narrow spherulitic rhyolite dyke was observed in the Ridge Zone. It is characterized by spherules <4 mm in size and several percent disseminated pyrite; the age of this intrusion relative to other types of rhyolite dyke is unknown but similar intrusions at Mount Skukum were considered by McDonald *at al* (1990) to be among the youngest rock types in the area.

Post-hydrothermal amygdaloidal andesite dykes

These occur in several places at Skukum Creek. They are invariably fresh and undeformed, even where located close to known mineralization, and are consequently interpreted as post-hydrothermal. These dykes range up to several metres in width. They have a fine-grained to aphanitic, dark-coloured groundmass, and are distinguished by white to clear amygdules infilled by quartz and/or calcite. Similar dykes were interpreted to be the latest stage of intrusive activity in the vicinity of the Mount Skukum mine (McDonald e*t al*, 1990).

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:

a) the Mt. Skukum gold ± silver deposit (includes the past producing Main Cirque vein and the existing Lake and Brandy zones);
b) the Skukum Creek gold-silver deposit; and
c) the Goddell gold deposit.

This mineralization includes:

a) epithermal vein systems at the Mt. Skukum mine; and
b) probable intrusion-related, Au-Ag-Sb-As mineralization that formed principally within pre-Tertiary igneous rocks to the southeast of the volcanic complex and which include the Skukum Creek, Chieftain Hill and Goddell areas.

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 or 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. Veins occur in large, brittle faults with little shearing. The deposit currently consists of the Lake Zone and Brandy Zone, as the Main Cirque Vein was mined out in 1988.

7.2 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 shear-hosted gold deposit. Mineralization is associated with altered andesite dykes within the shear zone. The shear zone is located within in Mid-Cretaceous Carbon Hill granodiorites. The main gold bearing zone, which does not outcrop at surface, is referred to as the PD 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 to 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 GODDELL AREA

Golden Tusk - PD Zone

Gold mineralization in the Goddell Gully area occurs within and south of the main strands of the Goddell fault. Different parts of this area have been assigned various names; exposures of mineralization at surface south of the main fault have been termed the GT (Golden Tusk) Zone, whereas deeper, higher grade intersections at depths of 300 to 700 metres below surface and drilled from the underground workings have been called the PD Zone (Figure 5). The two areas are separated by a gap in drilling and may be continuous. Both are of similar style. Mineralization is open in the PD Zone on several sections, and potential exists for the identification of further mineralization of similar style.

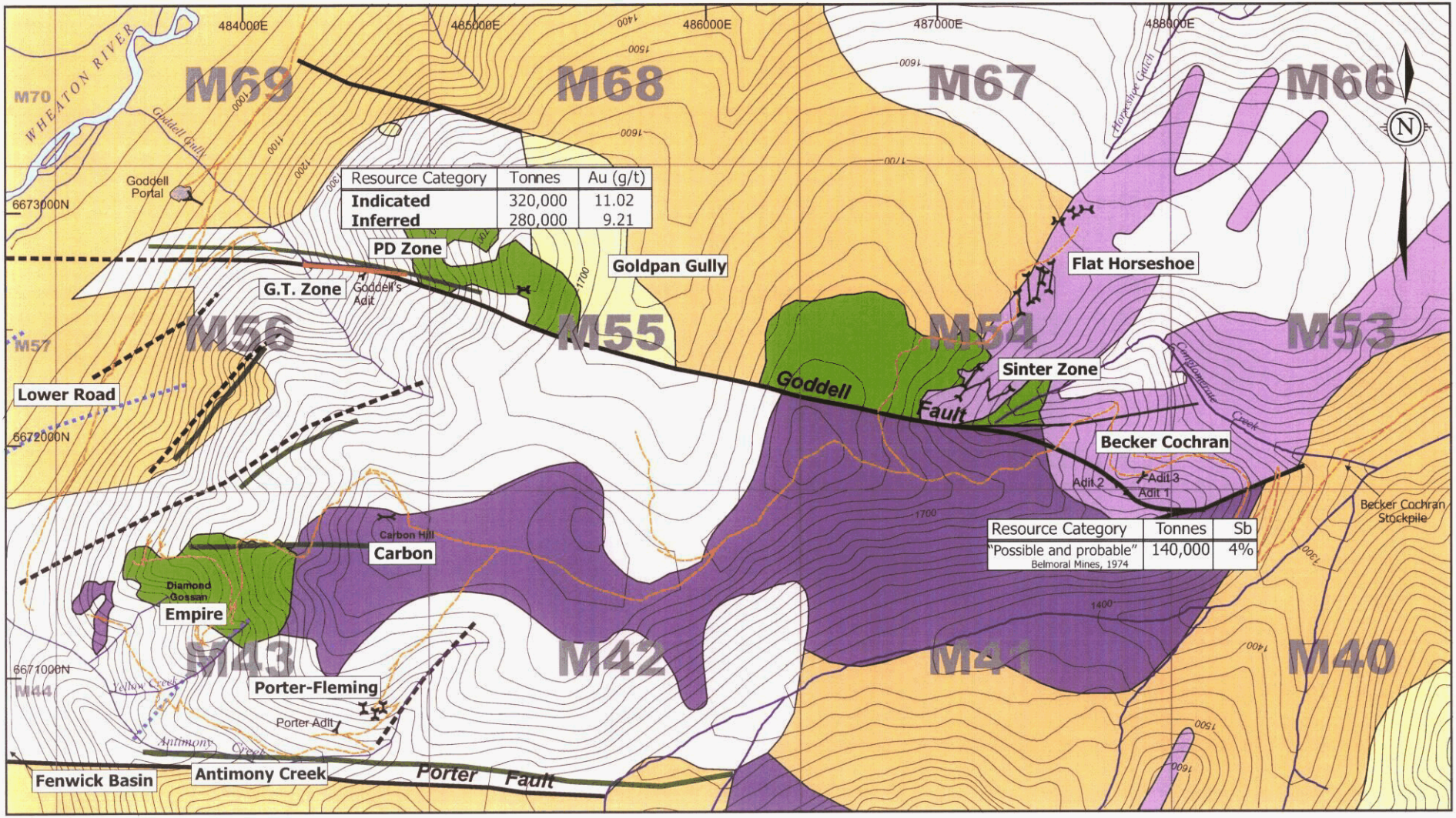
Gold mineralization in the PD Zone that has been intersected from underground drilling occurs principally to the south of the rhyolite dykes and main cataclastic strands of the Goddell fault system, along the southern margin of the fault. Gold mineralization in this area is associated with:

a) disseminated, fine-grained acicular arsenopyrite-arsenian pyrite that are pervasively disseminated, primarily in andesite dykes and locally in cataclastic shear zones; and
b) quartz-sphalerite-stibnite extension and shear veins, which commonly have a spatial relationship to the disseminated mineralization.

Mineralization is principally associated with the disseminated arsenopyrite style which occurs as pervasive disseminations that are often localized in dykes adjacent to shear zones, or are spatially associated with widely spaced quartz-sphalerite-stibnite extension veins of the second mineralization style. Where the extension veins are developed, envelopes of abundant dark grey disseminated arsenopyrite commonly surround them and extend from 0.5 to 4 cm outward from the veins, indicating a genetic link and contemporaneity between the two mineralization styles. Mineralization in cataclastic breccias also locally occurs where andesite fragments contain disseminated acicular arsenopyrite.

Becker Cochran

Mineralization occurs in lenses of quartz and barite within a broad shear zone cutting a rhyolite plug, argillite, conglomerate and quartz monzonite (Figure 5). The shear zone trends 120° 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 120°/75°SW, and is identified by a weathered grey gangue with red and 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). Trenching to the northwest has identified stibnite in primarily quartz type veins. Drifting underground traverses this same area.



LEGEND

GEOLOGY

Tertiary
- Skukum Group volcanics

Cretaceous
- Mt Nansen Group volcanics
- Coast Plutonic Complex intrusives

Jurassic
- Sediments
- Coast Plutonic Complex intrusives

Proterozoic-Paleozoic(?)
- Nisling Assemblage metamorphics: (mica schist, marble)

SYMBOLS

- Geologic contact
- Fault: defined; inferred
- Potential for mineralized structures
- Vein
- Andesite dyke
- Access road
- M43 — Skukum 1:2,000 mapsheet
- Trench
- Adit

0 500m

NTS 105D/3
UTM Zone 8 North, NAD83

TAGISH LAKE GOLD CORP.

GEOLOGY AND SHOWINGS
Goddell Trend

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

Project No:	P56D	By:	LM, TV
Scale:	1:20,000	Drawn:	TV
Figure:	5	Date:	May 2004

CME

Porter-Fleming

Mineralization at the Porter showing is found in many veins. The veins are hosted in faults and tensional openings that locally parallel fine-grained dykes including rhyolite dykes (Figure 5). The largest surface vein is traced for 40 metres before disappearing under the talus cover. Vein widths varies from 0.05 to 0.9 metres and have principal orientations of 100° and 130° with dips of 10° to 60° to the north. Mineralogy of the vein consists of quartz-stibnite-sphalerite and malachite-staining, probably due to the presence of tetrahedrite. Barite occurs in some veinlets. A small 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 to 20 centimetres. A vein is found in the underground drift, 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 to 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). Outcrop is sparse and additional veins are probably present. The 100° orientation mentioned above parallels the Porter Shear lying 200 metres to the south. A similar shearing direction was mapped as three separate shears 26 metres apart in the underground cross-cut.

Empire Showing

Several veins of up to 0.75 metres thickness are reported to occur. No structural data or historical assays are available.

The showing occurs in granitic rocks intruded frequently by intermediate dykes. Faults too are common (Con-Am, 1977). The showing lies adjacent the area known as the Diamond Gossan and above Antimony Creek (Figure 5). A prospector, K. Lumsden, communicated in 1964 (Fawley, 1964) that old cuts are sloughed but that blocks of almost massive stibnite up to 40 lbs in weight were beside some of the pits and that there were many small dumps of stibnite. The area was diamond drilled during 1977 with one intercept returning 8.23% Sb and 1.96% Zn across 0.46 metres.

A block resembling the above description was found during 2003 on the road paralleling Antimony Creek where it meets Yellow Creek. This material, 0.3 metres thick and measuring about 0.4 metres by 0.4 metres, returned 0.95 g/t Au, 620 g/t Ag 1.47% Pb, 2.06% Zn and 3.02% Sb.

Carbon Showing

This showing is reported to lie approximately 1 kilometre north-northeast of the Porter-Fleming showing on the crest of Carbon Hill (Figure 5). The vein is described as being 0.61 metres in width in a small open cut. Banded texture is described with barite, some quartz, blades and masses of stibnite, minor sphalerite and jamesonite. Host rocks are andesite and rhyolite. The vein material was traced SE with float for about 150 metres indicating a strike direction of 115°. Fawley (1964) sampled the exposure with the following result: Sb 8.1%, Ag 0.5 oz/T, trace Pb, Zn 0.7%, and trace Au.

9.0 EXPLORATION

The 2003 Exploration Program commenced on July 17th with fieldwork ending November 30th, 2003. Fieldwork consisted of the following:

- data compilation and integration to digital format of the Carbon Hill area and of Lake Zone drilling of the former Mt. Skukum Mine;
- core relogging and sampling of historical drill core (34 holes, 801 samples);
- surface diamond drilling at Goddell Gully (3 holes, 974.77 metres, 368 samples)

Fieldwork was managed by Mr. B. Way, and supervised by Mr. C. Naas.

Certificates of analysis for reprocessed drill core samples, current drill core samples, check samples and specific gravity are presented in Appendix III.

9.1 DATA COMPILATION AND INTERGRATION

Between July 23 and December 31, 2003 previous non-digital data from the Lake Zone of the former Mt. Skukum Mine was converted to digital format by data entry and tablet digitizing. The objectives for this task were to first establish a platform for integrating historic and recently generated data and maps and to create efficient data storage, means of access, and ability to manipulate data within a GIS environment.

Procedure

Historic maps were assembled from existing reports and maps available from TLG. Prior to digitizing, the source maps were examined to establish their respective datum and coordinate system. For most maps, the datum and coordinate system were, NAD27 and UTM Zone 8, respectively. In the case of maps with appropriate UTM grid overlay (labeled UTM grid), it was a matter of selecting bounding coordinates for the area to be digitized and using them as control points for geo-registering the maps. Some historic maps did not have well labeled UTM grid. As a consequence, there was a need to generate control points by using topographic and other known monuments (surveyed pins, adit collars, etc).

Maps were digitized in their native datum, that being the NAD27 UTM Zone 8 coordinate system. At completion of the digitizing process all data was reprojected to NAD83 UTM Zone 8, which is the current standard used in Canada.

A systematic reference system was designed for the entire ground owned by TLG. The largest sheet (1,600 by 1,400 metres at a scale of 1:2,000) starts with the prefix 'M' followed by a number. This is intended to facilitate map creation and referencing of areas where past work has or current work is being undertaken.

Results

Lake Zone

Data for 158 holes that were diamond drilled from both underground and surface to define the Lake Zone vein were captured using Micromine software. Data for each hole comprised at least three files (collar, survey, geology) and/or an additional assay file depending on whether there was assay information.

It was observed that holes that were surveyed using the acid-etch test method did not have azimuth measurements apart from the collar azimuth. Additionally, some holes were slightly deeper or shallower (from lithological intervals) than the stated total depth in the downhole survey information. In complying with the database structure and requirements for generating plots in Micromine, a few assumptions had to be made:

- where no azimuth readings exist for corresponding dip measurements due to the acid test (particularly holes drilled in 1986), the collar azimuths were assumed to be constant downhole;
- in situations where the end-of-hole for the lithological intervals and/or the reported total depth exceeded the last downhole survey depth, a judicious decision was made to avoid any discrepancies.

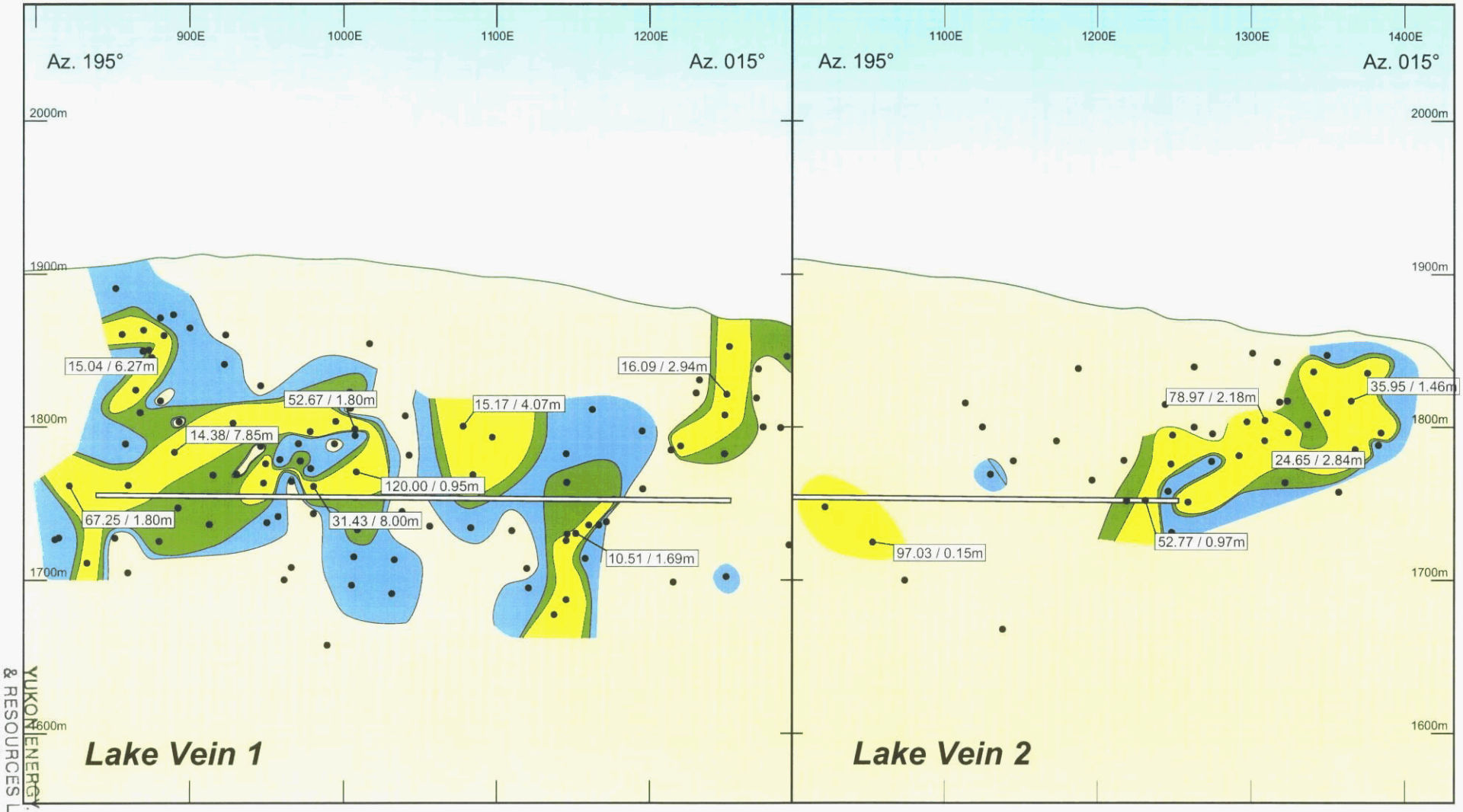
Using the data and new longitudinal section was developed for the Lake Zone and is shown in Figure 6.

9.2 CORE REPROCESSING

9.2.1 Goddell Gully

A program of relogging of historical diamond drill core from the Goddell Gully Deposit was undertaken during the 2003 work program. The basis for this effort stemmed from the sampling of previously unsampled core from drill hole 97-56, an underground drill hole located to the west of the main PD Zone (as defined by the resource model). Historical sampling reported a single sample grading 3.57 g/t Au over 0.66 metres within the interpreted PD Zone. Sampling of the core below this intersection yielded more significant gold mineralization with an intersection of 8.49 g/t Au over 2.91 metres located within a larger lower grade zone that encompassed the historical intersection.

The results of this infill sampling indicates that historical sampling did not locate all significant mineralization within the core. Every drill hole at Goddell was re-examined to ensure proper sampling density had been completed. An examination of the historical samples when plotted on cross-sections showed several drill holes which lacked proper sampling density over key geological areas. Additionally, many instances of a greater than 1 g/t Au samples occurred at the beginning or end of a sample sequence with no bracketing of the gold intercept.



YUKON ENERGY, MINES & RESOURCES LIBRARY
PO BOX 2703
WHITEHORSE, YUKON Y1A 2C6

LEGEND

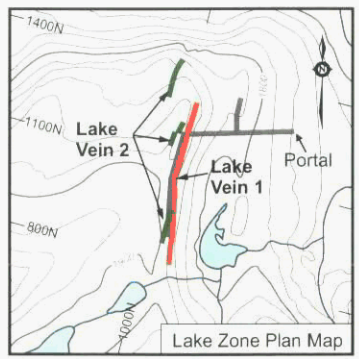
- DDH pierce points
- Underground workings
- 31.43 / 8.00m — Selected significant intersection

Gold Contours

- ≥ 1 g/t Au
- ≥ 5 g/t Au
- ≥ 10 g/t Au

0 — 150m

Lake Grid
NTS 105D/3



TAGISH LAKE GOLD CORP.

LONGITUDINAL SECTION GOLD GRADE Lake Zone

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

Project No:	P56D	By:	TV
Scale:	1:7,500	Drawn:	TV
Figure:	6	Date:	May 2004

CME

During the re-examination of the historical drill holes, logs were found to contain weak breakdown of the lithologies. Lithological control appears very important in the Goddell Gully Deposit and the existing data did not afford enough resolution to interpret cross-sections.

Therefore, core from 2 surface drill holes and 31 underground drill holes were selected for relogging and collection of more samples. In addition, 3 underground holes had new samples collected from but were not relogged. A total of 801 samples were collected and analyzed for gold and multi-elements. Several of these holes were also tested with a magnetic susceptibility meter over the entire core length. Table 4 summarizes work undertaken during reprocessing.

Table 5: Summary of Relogging and Sampling, *Goddell Gully*

Area	Hole	Logged	Magged	Samples	Comments
Goddell	96-28	Y	Y	57	
	96-29	Y		4	
	96-30	Y		21	
	97-31	Y	Y	25	
	97-33B	Y		1	
	97-34	Y		9	
	97-35			4	samples collected only
	97-36	Y		35	
	97-37	Y	Y	47	
	97-38	Y		11	
	97-40	Y		20	
	97-41	Y		7	
	97-42	Y	Y	58	
	97-44	Y		26	
	97-45	Y		23	
	97-46	Y		32	
	97-47	Y		23	
	97-48	Y		10	
	97-49	Y	Y	38	
	97-50	Y		24	
	97-52	Y		49	
	97-54	Y	Y	29	
	97-55	Y		21	
	97-56	Y	Y	39	
	97-58	Y		5	
	97-59	Y		6	
	97-60			13	samples collected only
	97-61	Y		5	
	97-62	Y		25	
	97-63	Y	Y	19	
	97-64	Y	Y	17	

Table 5: Summary of Relogging and Sampling, *Goddell Gully (cont'd)*

Area	Hole	Logged	Magged	Samples	Comments
	97-65			3	samples collected only
	97-66	Y	Y	8	
	97-67	Y		7	
	87PGE-1	Y	Y	17	Surface hole
	87PGE-2	Y	Y	13	Surface hole

Core was moved from the camp core library by truck and relogged at the core processing facility. Core logging consisted of geological description. Only two historical samples were resampled during the program (see section 13.1.4). Sampling procedure was the same as for the diamond drilling program. Upon completion of logging and sampling the core was returned to the core library.

Drill core logs are presented in Appendix Va. Certificates of analysis for the samples are found in Appendix IIIa.

Geology

For detailed explanation of the lithologies encountered at Goddell, refer to C. Naas, 2002, Appendix III, Structural and Alteration Study by D. Rhys and J. Lang (2002). Following is a summary of typical lithologies encountered.

Quartz Monzonite

The primary lithology and host rock for the Goddell Deposit is Cretaceous age quartz monzonite of the Carbon Hill intrusive. In this area, the rock is a medium-grained, equigranular intrusive. Where fresh it is notably pink and green due to potassium feldspar and chlorite (after hornblende) and very magnetic. Underground drilling collared in the footwall and intersected variable width zones of unaltered quartz monzonite varying with proximity to the shear zone. Within the footwall, infrequent quartz and quartz-carbonate veinlets occur and typically are centred within propylitic to argillic alteration haloes. Alteration increases with depth in the holes from locally propylitic/sericitic to sericitic. Sericitic alteration (in various grades) is the most common alteration observed. The sericite replaces primarily the feldspars of the quartz monzonite and gives a very characteristic pale to very vibrant apple-green colour. Argillic alteration occurs typically within the main shear zone, as well as at major faults.

In some cases, alteration was difficult to distinguish as the core boxes stored on the top shelf of the core racks have been fully exposed to the elements for over six years and show significant iron oxide alteration. Even relatively unexposed core has a fine patina of hematite/limonite. This is referred to the "brown weathering" in logs, and is typical surface exposure colour of the quartz monzonite but is a feature only seen in rock that is at least moderately altered.

Andesite

Andesites are the most common dykes encountered within the core. Outside the main shear zone these dykes show a typical medium to dark green fine grained aphanitic matrix with darker green phenocrysts. As alteration increases (primarily sericite) the matrix tends to get bleached to a very light grey or an olive colour, especially near contacts with other lithologies. The dark green phenocrysts invariably alter toward a bright green sericite as alteration grade increases.

The andesites occur in swarms and appear xenolithic within the quartz monzonite, due to erratic contact angles. These dykes may also be the locus of the high-grade gold mineralization and represent an important part of the deposit (see below).

Rhyolite Dykes

Quartz Feldspar Porphyry

These are the most common of the rhyolite dykes observed in core. There are two varieties that are quite distinct visually and were correlatable over much of the Goddell Deposit length and are named the North and Central Marker dykes. A third correlatable rhyolite dyke, the South Marker Dyke, is discussed below. It should be noted that the North Marker is not always exclusively north of the Central Marker. For example, with DDH 97-59, the North Marker is found between two rhyolites that appear to be Central Marker style.

The North Marker is a distinctive porphyritic dyke with moderate sized phenocrysts of quartz (grey, glassy quartz eyes") and sub- to euhedral feldspar laths, within a tan brown to buff coloured rhyolitic matrix.

The Central Marker, as indicated by Rhys and Lang (2002), should be termed a quartz eye rhyolite. It is distinguished from the North Marker by the smaller size of the quartz eyes (<2mm) and relative lack of feldspar phenocrysts, as well as a lighter colour.

Feldspar Porphyry

The South Marker typically occurs immediately north of the main PD Zone mineralization (hanging-wall side). This unit is characteristically buff to tan coloured with occasional flow-banding. Contacts are typically sheared (phyllitic) and strongly altered with green sericite alteration. Contacts may be faulted, with mylonitic fabric developed into the host quartz monzonite.

Mineralization and Results

Mineralization at Goddell Gully is developed within, and to the south of, the main strands of the Goddell fault, and occurs in crudely tabular, moderate to steeply north-dipping, and possibly westerly plunging zones within the damage zone of the Goddell fault. Mineralized zones may in part be localized along minor north-dipping splays off the main Goddell fault that might occur in stacked arrays with potential for additional zones above and below known mineralization in the PD zone. Local mineralization in the main cataclastic strands of the Goddell fault also suggests potential for steeply dipping, laterally continuous mineralization in the main controlling fault.

Most gold at Goddell Gully has an empirical relationship to zones of disseminated acicular arsenopyrite or arsenian pyrite that mostly replaces andesite dykes intersected by shear zones. These sulphide replaced andesite dykes are the location of the highest grade gold mineralization (up to 74 g/t Au) (Rhys and Lang, 2002). Moderate gold grades (5-15 g/t Au) are also related to zones of weakly to moderately sulphidized quartz monzonite, again with acicular arsenopyrite and arsenian pyrite. Goddell Gully mineralization lacks native gold or electrum, and gold is inferred to be refractory in the arsenopyrite or arsenian pyrite. The low silver concentration at Goddell Gully corresponds to the near absence of freibergite (Rhys and Lang, 2002).

Quartz extension veins are also common at Goddell. Stibnite is commonly the main sulphide phase, and is typically accompanied by minor amounts of pyrite and sphalerite, and traces of galena (Rhys and Lang, 2002). These extension veins are typical of the footwall (northern) side of the deposit. In drill hole 96-28, a single quartz-sulphide extension vein returned gold and significant silver values (1.34 g/t Au, 490.2 g/t Ag) from the hanging-wall. Other similar, though narrower veins were present in this area, suggesting some silver rich mineralization does occur within the vicinity of the Goddell Deposit.

Results of the sampling of previously unsampled material indicates that historical sampling has accounted for most of the significant gold mineralization in the Goddell Deposit drill core.

However, the current sampling program has revealed many intersections grading better than 1 g/t Au and several better than 5 g/t Au. It has also bracketed many intersections allowing firm definition of the gold mineralized zones and in several cases extended known mineralization. Table 5 presents significant intersections from the reprocessing program. Included are historical intersections where 2003 sampling has extended these intersections.

Table 6: Significant Sample Results, Reprocessing Program, *Goddell Gully Deposit*

Hole		Interval (m)			Au (g/t)		Location
		From	To	Length			
87-PGE1		107.40	107.74	0.34	1.24	*new*	Footwall
96-28		205.44	206.31	0.87	1.14	*new*	Footwall
97-31		115.08	121.65	6.75	1.79		PD Zone
	incl	115.08	115.39	0.31	5.10	*new*	
	and	118.00	120.12	2.12	3.03	*new*	
97-35		137.90	160.60	22.70	7.44		PD Zone
	incl	137.90	149.90	12.00	12.60	*historical*	
	and	149.90	151.66	1.76	2.65	*new*	
	and	155.14	156.67	1.53	2.30	*new*	
	and	159.50	160.60	1.10	7.37	*historical*	

Table 6: Significant Sample Results, Reprocessing Program, *Goddell Gully Deposit (cont'd)*

97-36		163.50	185.62	22.12	7.03		PD Zone
	incl	163.50	183.10	19.60	7.69	*historical*	
	and	184.10	185.62	1.52	2.74	*new*	
		190.93	200.86	9.93	3.23		PD Zone
	incl	190.93	192.32	1.39	11.76	*historical*	
	and	193.24	194.77	1.53	2.40	*new*	
	and	197.50	200.86	3.36	3.50	*historical*	
		230.72	231.12	0.40	4.29	*new*	Hangingwall
97-37		115.45	116.41	1.75	1.43	*new*	Footwall
		132.63	140.74	8.11	4.68		PD Zone
	incl	133.47	135.80	2.33	6.80	*new*	
	incl	133.47	134.75	1.28	8.20	*new*	
	and	138.00	140.17	2.17	7.13	*historical*	
97-40		79.27	81.94	2.67	1.89	*new*	Footwall
97-42		108.84	109.98	1.14	3.24	*new*	PD Zone
		134.20	135.95	1.75	1.47	*new*	PD Zone
97-44		224.10	227.60	3.50	2.89		PD Zone
	incl	224.10	225.10	1.00	7.47	*historical*	
	and	226.10	227.60	1.50	1.71	*new*	
97-46		125.70	131.97	6.27	4.92		PD Zone
	incl	125.70	127.40	1.70	1.06	*new*	
	and	128.90	130.70	1.80	13.16	*historical*	
	and	130.70	131.97	1.27	3.63	*new*	
97-50		108.47	109.12	0.65	2.06	*new*	Footwall
		139.85	140.25	0.4	2.12	*new*	Footwall
		238.15	242.01	3.86	2.27		PD Zone
	incl	238.15	238.95	0.80	6.34	*historical*	
	and	240.49	242.01	1.52	2.01	*new*	
97-52		36.42	37.30	0.88	1.06	*new*	Footwall
97-54		153.20	153.78	0.58	1.67	*new*	Footwall
97-55		328.69	329.56	0.87	4.06	*new*	PD Zone
97-56		260.29	280.11	19.82	2.37		PD Zone
	incl	263.00	263.66	0.66	2.74	*new*	
	and	272.49	275.40	2.91	8.49	*new*	
	and	278.39	280.11	1.72	4.63	*new*	
97-60		156.71	158.80	2.09	3.18	*new*	PD Zone
		164.59	166.12	1.53	1.16	*new*	PD Zone
97-62		151.58	151.78	0.20	2.07	*new*	Hangingwall
97-63		163.50	164.63	1.13	1.12	*new*	PD Zone
97-66		129.54	129.91	0.37	2.93	*new*	Footwall
97-67		114.23	115.82	1.59	1.57	*new*	Footwall

Prior to the reprocessing program, drill holes 97-31 and 97-42 had no sample data from the interpreted up-dip extension of the PD Zone. Likewise, 97-37 only had sporadic samples with unbracketed significant results. These drill holes, on their respective sections, cross the PD Zone at its upper elevations. Sampling during 2003 was successful in locating significant gold occurrences in all three holes. In particular, drill hole 97-37, the original sample of 7.13

g/t Au over 2.17 metres (138.00-140.17m) has been extended to a wider intersection of 4.68 g/t Au over 8.11 metres (132.63-140.74m) including 8.20 g/t Au over 1.28 metres.

The presence of gold in these drill holes has opened the up-dip potential of the PD Zone. There is a definite tailing off of grades and widths of the PD Zone higher in the system; however, this does not preclude up-dip potential as several wide intersections have been returned from very high up the system (e.g. 90GT-2, 6.13 g/t Au over 14.63 metres at 1,245 metres elevation).

New samples collected from drill hole 97-55 located a narrow zone of gold mineralization (4.06 g/t Au over 0.87 metres) from disseminated pyrite and arsenopyrite in quartz monzonite. This is very significant as it represents the only greater than 1 g/t Au intersection from the interpreted PD Zone for this hole. This is the deepest gold intersection encountered to date in the deposit (640 metres elevation). The location of the mineralization correlates well up-dip with drill hole 97-54. This section is now open both up and down dip.

Relogging of the core, with cautious attention to the lithological breakdown, has offered a much more detailed view of drill hole geology. Geological interpretation is enhanced by the ability to locate and correlate lithologically controlled gold mineralization and offer new insights for future drilling programs.

Observations from relogging and sample results indicate there is typically low to moderate grade gold mineralization within the area between the Central and South Marker dykes. The "main" PD Zone occurs south of the South Marker. The area between the Central and South Marker dykes is marked by highly sheared quartz monzonite, minor andesites and mylonites. The zone of mineralization between the dykes is sometimes referred to in the historical logs as the "upper mineralized zone". Gold here is usually, but not exclusively, found near the contacts of the rhyolite dykes in the quartz monzonite. Gold values may occur in the rhyolite margins as well.

Observations of the highly mineralized andesite and quartz monzonite, sites of the highest-grade gold mineralization show the presence of narrow quartz extension veinlets of possibly two generations. These veins are typically oriented at moderate to high angles to core axis (60° to 90°). In the andesites, the veins may be choked with fine arsenopyrite and coarse sphalerite. A second style is virtually barren of any visible sulphides, but often exhibits a sulphide halo of very fine disseminated arsenopyrite. Within the quartz monzonites, the latter vein style is more common. No cross-cutting veins were observed to establish timing.

Magnetic Susceptibility

Procedure

Selected historical diamond drill holes were tested for magnetic susceptibility using an Exploranium KT-9 Kappameter. Measurements are displayed as "SI units". Up to ten readings were taken between depth markers in the core box; the instrument is capable of storing these and calculating an average. The averages were recorded.

A procedural error with the mag unit was found to be occurring after the magging of several holes, which understated the mag values. Over 148 metres of core was retested from which a correction factor was determined to apply to the understated values. A correction value of 0.09 was multiplied to the existing mag values to return a corrected mag value. Corrections were made to portions or all of 7 of 13 magged drill holes.

Results

Results of the magnetometer analysis of several drill holes indicates sharp decrease in magnetic susceptibility at the boundary of the shear zone, associated with the beginning of sericite alteration. This is the result of magnetite destruction with increased alteration grade.

10.0 DIAMOND DRILLING

Two diamond drill holes intercepted the Goddell Shear in the vicinity of historical drill holes 97-56 and 96-28. The holes tested the area where core resampling had discovered previously unidentified gold mineralization. Hole GG03-1 was drilled northerly through the hanging wall rocks while GG03-2 was drilled southerly through the foot wall rocks. A third drill hole, GG03-2A, was abandoned after passing through a 2.7 metre cavity in a fault. The drilling program began on October 3 and terminated on October 29, 2003. A total of 974.74 metres of NQ core was drilled. Three hundred sixty eight samples were cut and shipped for analysis.

Drilling was undertaken by E. Caron Diamond Drilling Ltd. of Whitehorse, Yukon utilizing a Longyear 38 drill rig. Collar locations were surveyed using conventional EDM equipment by CME personnel.

Downhole survey of the drill holes was carried out using a MI-3 digital multishot instrument manufactured by Icefield Tools Corp. of Whitehorse, Yukon. The instrument measures azimuth, dip angle and the magnetic field strength of the country rock. During surveying, azimuth and dip readings were taken every 10 feet (3.05 metres). Drill hole GG03-2A was not tested as the hole was aborted in a fault cavity just above the 71.93 metre depth.

Data from the survey showed some variation in azimuth between readings (up to 2°). Magnetite in the host quartz monzonite may be responsible for much of these variations. The on-board magnetometer does indicate some fluctuation of the total magnetic field at each reading. Dip measurements were not subject to this problem and returned consistent readings.

Due to azimuth variations, and to reduce the total number of survey points, the data was "smoothed" by calculating the simple average of every five readings for depth, azimuth and dip. The resulting values were entered into the drill hole survey file for plotting purposes.

A tabulation of drilling specifications is presented in Table 6.

Table 7: Diamond Drill Hole Specifications

Hole	Coordinates (UTM NAD 83)			Azimuth	Dip	Length
	Northing	Easting	Elevation	(°)	(°)	(m)
GG03-1	6672698.333	483769.414	1132.845	041	-65	473.96
GG03-2	6673019.259	483857.503	1069.156	173	-58	428.85
GG03-2A	6673057.232	483899.671	1071.026	180	-56	71.93

A plan map showing drill hole locations is presented in Figure 7. Drill hole cross sections are illustrated in Figures 8 and 9. Sample results together with highlighted significant precious metal intercepts are shown in the same figures. An interpretative cross-section is presented in Figure 10.

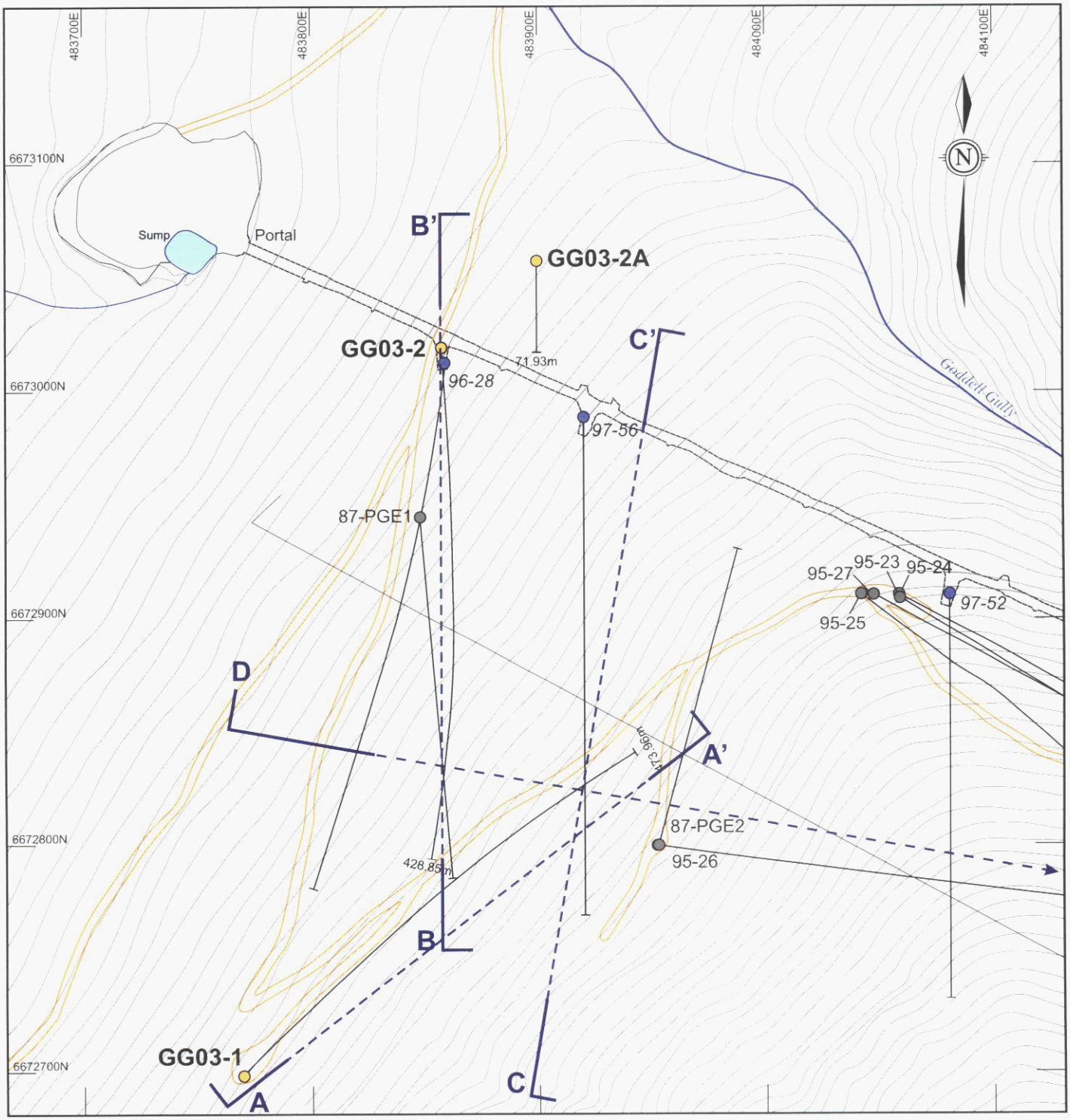
A vertical longitudinal section through the Goddell Gully Deposit is presented in Figures 11 and 12. The former presents pierce points and significant intersections through the main gold zone. The latter is contoured based on gold grade. Finally, an interpretive level plan through the 800 metre elevation is presented in Figure 13.

Certificates of analysis for drill core and analytical check samples are presented in Appendix IIIa. Appendix IV presents analytical procedures employed by the laboratory. Diamond drill hole summaries, results of core analysis such as recovery, rock quality, magnetic susceptibility, and density are presented in Appendix VI.

Local Grids

Previous studies and drill pattern at Goddell was based on the UTM system (NAD27 Datum). Current work now uses UTM NAD83 Datum for all reporting, therefore all UTM coordinates for Goddell were converted from NAD27 to NAD83 using the conversion factor developed during the 2002 exploration program at the nearby Skukum Creek Deposit (Naas, 2003).

The historical grid used the UTM system because of the apparent east-west trend of the Goddell Deposit. However, interpretation based on cross sections indicates the deposit is oriented closer to an azimuth of 100°. Therefore, a new local grid (Goddell Grid) was developed to create accurate normal sections and plans. A counter-clockwise rotation around a single common point was utilized. The common point selected was Survey Monument 53-31, located near the helipad along the Skukum Creek road. Accurate UTM NAD83 coordinates were determined by Underhill Geomatics of Whitehorse using a GPS receiver during the 2002 exploration program. Conversion details using this survey monument as the common reference point are presented in Table 7. The Goddell local grid origin values were chosen to place the existing drill sections to a logical numbering system.



LEGEND

- GG03-1 — 2003 diamond drillhole collar and trace
- 95-26 — Historical surface diamond drillhole collar and trace
- 97-56 — Historical underground diamond drillhole collar and trace
- Decline (projected)
- Access road
- Topographic contour (5m interval)
- A — A' Cross section line

0 — 50m

UTM Zone 8 North
NTS 105D/3

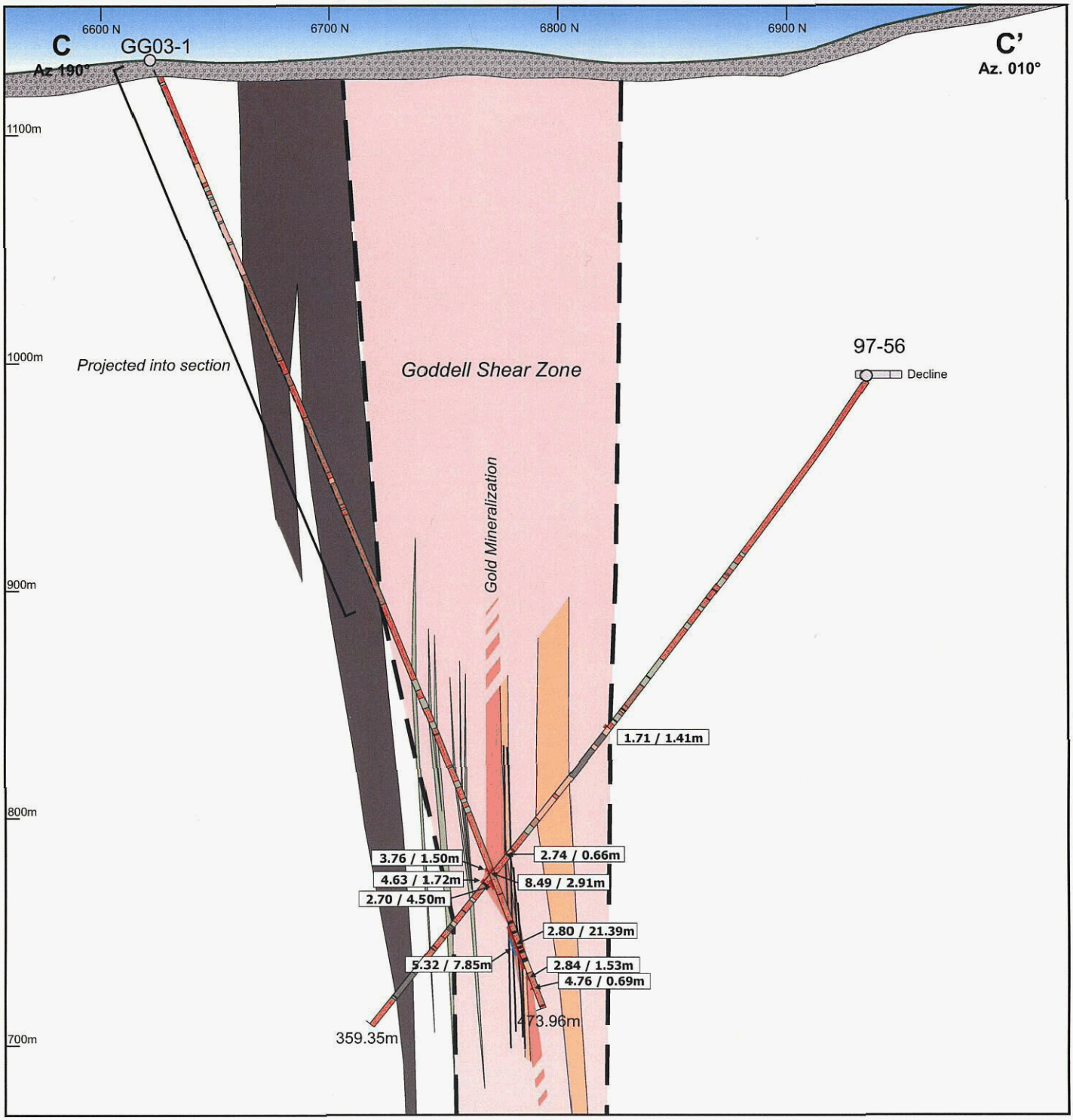
TAGISH LAKE GOLD CORP.

2003 DDH PLAN MAP
Goddell Gully

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

Project No:	P56D	By:	TV
Scale:	1:2,500	Drawn:	TV
Figure:	7	Date:	May 2004

CME



LEGEND

GEOLOGY

- Overburden
- Mylonite

Dykes

- Rhyolite
- Rhyolite: quartz-feldspar porphyry
- Rhyolite: feldspar porphyry
- Rhyodacite
- Andesite dyke

Carbon Hill Pluton

- Felsic dyke
- Quartz monzonite
- Granite

0 — 40m

Goddell Local Grid
(100° Azimuth)

SYMBOLS

- GG03-1 — Diamond drillhole collar, trace, and number
- Significant intersection
- 8.49 / 2.91m — Au (g/t) over length in metres
- Shear zone boundary

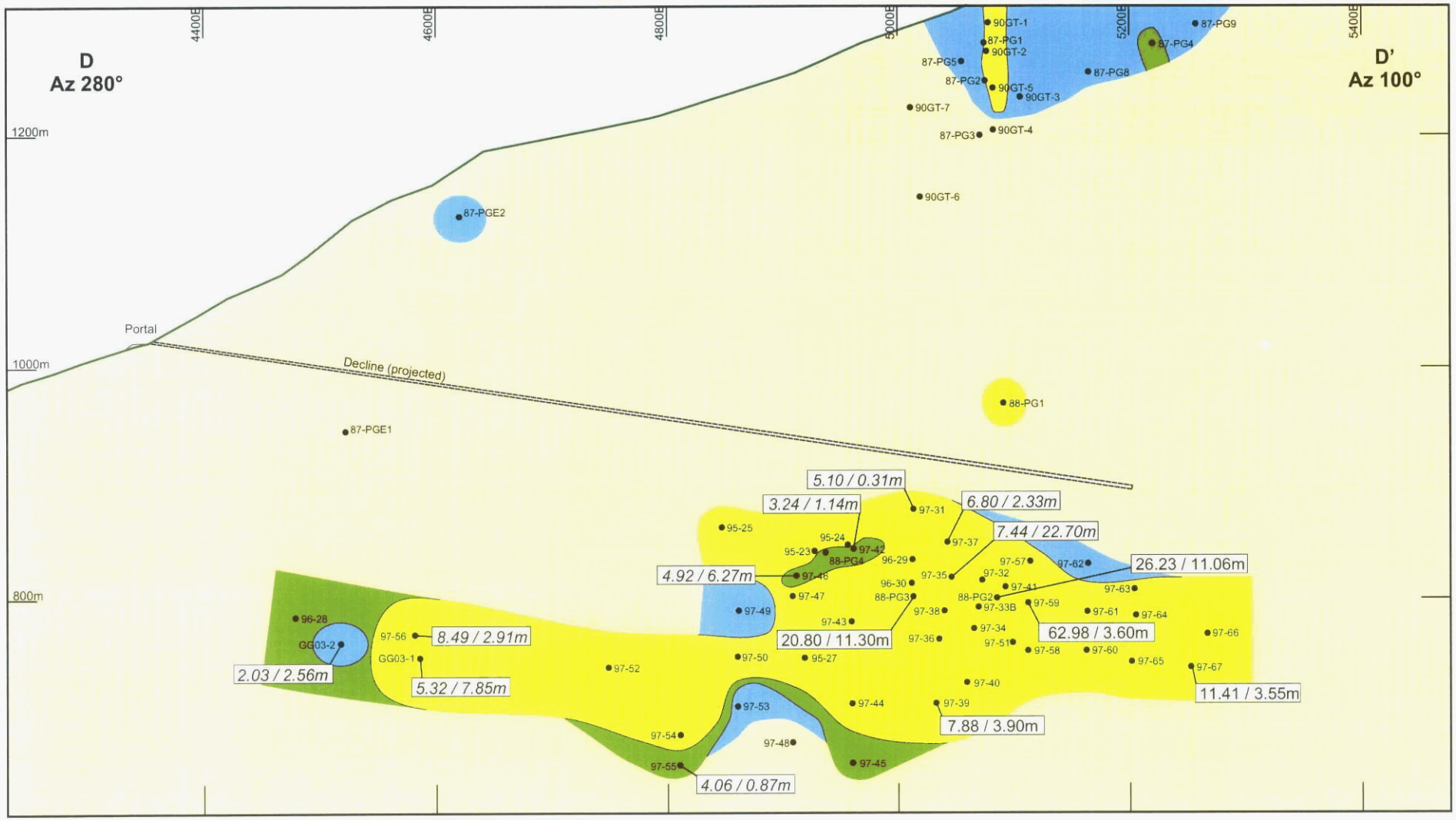
TAGISH LAKE GOLD CORP.

DDH CROSS SECTION
SECTION 45+80E
Goddell Gully

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

Project No:	P56D	By:	TV
Scale:	1:2,500	Drawn:	TV
Figure:	10	Date:	May 2004

CME



LEGEND

- • DDH pierce point
- 8.49 / 2.91m — Selected new and/or updated intersections from 2003 relogging and sampling program (g/t Au over length in metres)
- 20.80 / 11.30m — Selected significant intersections (g/t Au over length in metres)

Gold Contours

- ≥ 1 g/t Au
- ≥ 3 g/t Au
- ≥ 5 g/t Au

0 — 200m

Goddell Grid (100° Azimuth)
NTS 105D/3

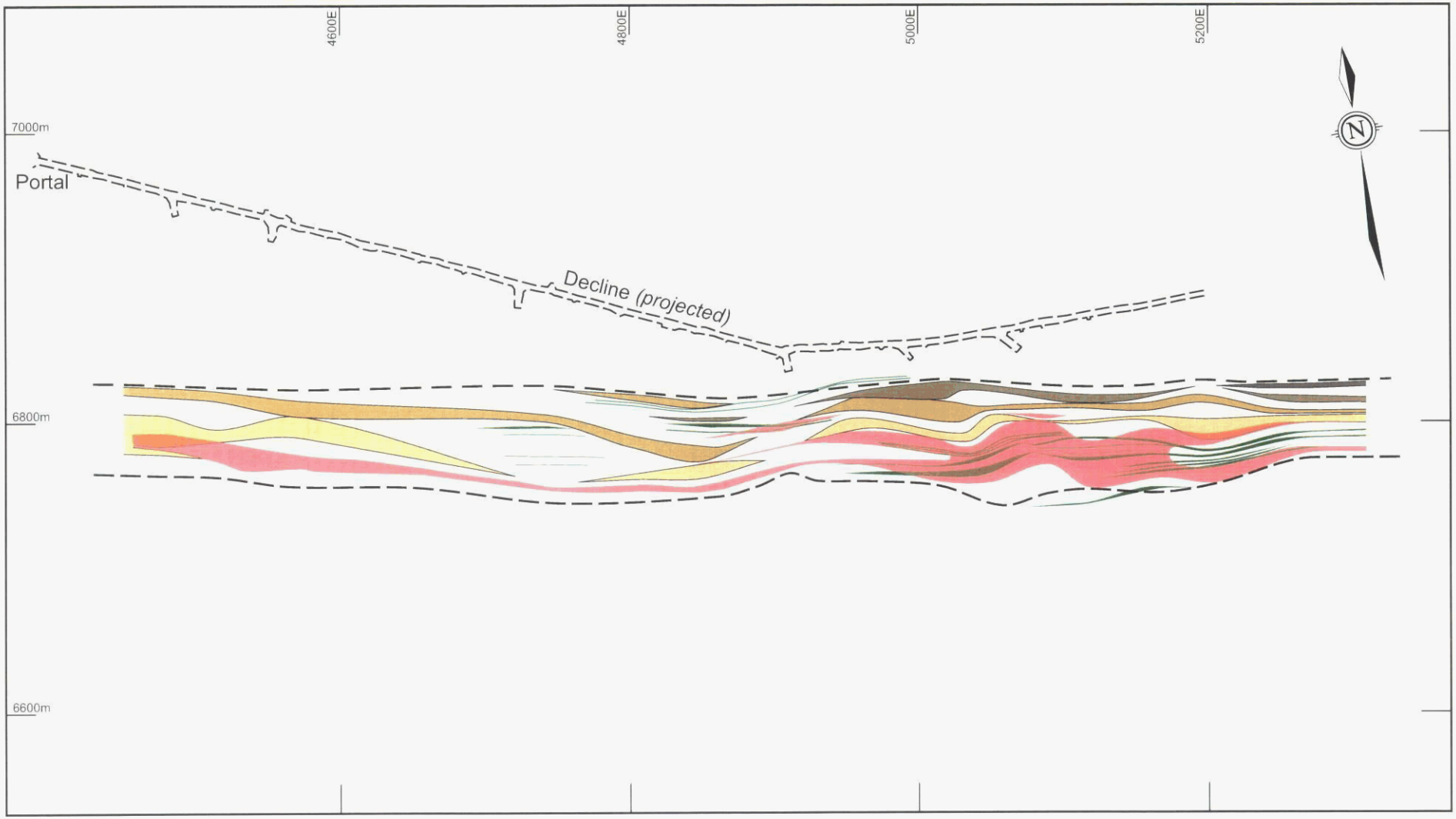
TAGISH LAKE GOLD CORP.

LONGITUDINAL SECTION
GOLD GRADE
Goddell Deposit

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

Project No:	P56D	By:	TV
Scale:	1:5,000	Drawn:	TV
Figure:	11	Date:	May 2004

CME



LEGEND

- North Marker Dyke
- Central Marker Dyke
- South Marker Dyke
- Other rhyolite dykes
- Andesite dyke
- Quartz monzonite
- Mineralized zones
- Shear zone boundary

0 200m

Goddell Grid (100° Azimuth)
NTS 105D/3

TAGISH LAKE GOLD CORP.

800m LEVEL PLAN
Goddell Deposit

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

Project No:	P56D	By:	TV
Scale:	1:4,000	Drawn:	TV
Figure:	13	Date:	May 2004

CME

Table 8: Conversion from UTM grid to Goddell grid for the 53-31 Monument

Grid Name	UTM NAD 83 Coordinate		Rotation	Local Grid Coordinate	
	Northing	Easting		Northing	Easting
Goddell	6674131.500	483579.908	-10°	80+00	40+18

10.1 GEOLOGY

For detailed explanation of the lithologies and mineralization of the Goddell Deposit the reader is referred to C. Naas, (2003), Appendix III, Structural and Alteration Study by D. Rhys and J. Lang.

Quartz monzonite was the most common lithology cored. This unit is medium-grained and equigranular, leucocratic intrusive. Outside the Goddell Shear, it is relatively fresh and unaltered. Where fresh, the quartz monzonite is characteristically pink and green coloured and very magnetic. Approaching the shear zone the alteration is typically weak to moderate sericite alteration and the rock is commonly bleached, with rare, short zones of propylitic alteration. Magnetite is invariably destroyed with advent of alteration.

In the upper reaches of drill holes GG03-2 and GG03-2A the quartz monzonite intrusive is much darker than the typical host intrusive and exhibits moderate silicification. A moderate to strong quartz-carbonate stockwork is developed in this unit as well. A pink, medium to coarse-grained hornblende granite was also intersected in the upper part of the GG03-1.

A very strong fault and alteration zone was cored in drill holes GG03-2 and GG03-2A, near surface and well into the footwall (Figure 19). Advanced argillic alteration of quartz monzonite, andesite and rhyolite is observed. The core is locally extremely soft with zones of clay gouge. An apparent cavity within the zone was responsible for the aborting of hole GG03-2A.

Intruding the quartz monzonite are numerous andesite and rhyolite dykes. The andesites are typically medium green to light green grey, and show a characteristic quartz-carbonate tension gash stockwork. Pyrite is a common accessory mineral. Several broad rhyolites were encountered in the hanging-wall side of the shear. Rhyolite dykes include quartz-eye-feldspar porphyry and feldspar porphyry. Spherules, flow-banding and sheared contacts parallel to flow-banding are common. Within a single rhyolite dyke colour may vary from green to white to pink. Specific correlatable rhyolite marker dykes noted in the footwall of the main deposit body along strike to the east were not conclusively identified.

Within the Goddell Shear, intense sericite to clay alteration of all lithologies is common. Shearing is commonly exhibited by the presence of cataclasites and mylonitic zones with entrained fragments of quartz monzonite, andesite, rhyolite and occasionally quartz sulphide veins. Sericite may appear as bright apple green colour, previously mistaken for fuchsite.

10.2 MINERALIZATION AND RESULTS

Gold mineralization within the drill holes is associated with mylonites and cataclasites containing brecciated quartz-sulphide vein fragments within highly altered quartz monzonite. Disseminated pyrite and arsenopyrite are the principal sulphides present in the zone. Coarse sphalerite may also be present within the quartz veins. No significant occurrences of sulphidized andesites were noted. These are the typical high-grade zones within the main deposit. A small andesitic xenolith with 10-15% pyrite was encountered in GG03-1 within the shear zone and associated with narrow quartz veinlets and disseminated pyrite and arsenopyrite within altered quartz monzonite. Sampling around this xenolith returned 4.04 g/t Au over 1.50 metres (sample 09464, 410.50-412.00 metres). The highest grade sample was returned from a mylonitic breccia zone with andesite and quartz vein fragments and contained 11.90 g/t Au over 0.96 metres (sample 09416, 442.78-443.74 metres). This sample occurs within the main broad gold mineralized zone.

Results of sampling in hole GG03-1 revealed a broad gold zone grading 2.80 g/t Au over 21.39 metres core length. This zone contains a higher grade core of 5.32 g/t over 7.85 metres (Figures 18 and 20). Sampling in hole GG03-2 intersected only moderate gold grades and widths. No significant results were returned from GG03-2A as it was terminated early. All significant intersections for the 2003 diamond drilling are presented in Table 8.

Table 9: Significant Intersections, 2003 Diamond Drilling, *Goddell Gully*

Hole	Interval			True Width	Grade
	From (m)	To (m)	Length (m)	(m)	Au (g/t)
GG03-1	403.00	404.50	1.50	0.70	3.76
	409.00	413.50	4.50	2.09	2.70
	432.11	453.50	21.39	9.87	2.80
incl.	438.17	446.02	7.85	3.62	5.32
	457.50	459.03	1.53	0.71	2.84
	463.16	463.85	0.69	0.32	4.76
GG03-2	327.33	329.19	1.86	0.85	1.38
	352.77	355.33	2.56	1.20	2.03
	362.10	363.60	1.50	0.70	2.47

Stibnite mineralization is also observed, principally in a massive stibnite vein, near the end of hole GG03-1 between 463.85 and 465.35 metres. The stibnite veins are subparallel to the core axis and sampling returned values greater than the upper detection limit for antimony (>10,000 ppm). Stibnite is also disseminated in a rhyolite dyke in GG03-1. The disseminated occurrence in the rhyolite returned anomalous antimony as well as arsenic, indicating some arsenopyrite. Trace amounts of stibnite was also observed within the near surface alteration zone cored by GG03-2 and GG03-2A.

Other mineralization consists of infrequent quartz extension veins in the footwall of the shear zone, which may or may not contain appreciable amounts of sulphides.

10.3 CORE ANALYSIS

10.3.1 Core Recovery and Rock Quality Designation

Procedure

Diamond drill crews record depths determined from Imperial length drill rods by placing wooden blocks in the core box at the end of each run. Lengths were recorded in feet with 5 foot or 10 foot incremental intervals being the most common. At the core processing facility, CME personnel converted feet to metres for each marker block. Core was refitted so successive pieces have matching, tight fitting ends. Ground core, pebbles and rubble core required careful estimation.

Recovery is a measure of actual core recovered against the interval drilled. Recovery is calculated by dividing the measured sum of all pieces (actual) over a drilled interval by the length of that interval. Recovery is reported as percent of the drilled interval.

Rock Quality Designation (RQD) is the measured sum of all core pieces exceeding 10 cm over an interval divided by the calculated length of the interval. RQD is reported as a decimal. Lengths are measured at right angles to the core axis. Rarely are fractures at right angles; midpoints on angled fractures are selected and measured. Core that appears to be fractured is removed from the box, examined and stressed with hand pressure to determine motion on the fracture plane. With motion or breakage the piece is discounted. Care is necessary at the end and beginning of each box since drill crews break core to fit empty space. These artificial breaks are discounted and measured as pieces exceeding 10 cm, if appropriate.

Results

Complete hole by core recovery and RQD results are reported in Appendix VI.

Overall, core recovery was found to be excellent, including fault and shear zones. Lowest recovery was associated with various brittle fault zones.

10.3.2 Magnetic Susceptibility

Procedure

All diamond drill core was tested for magnetic susceptibility using an Exploranium KT-9 Kappameter. Procedure is described in section 9.5.3. The correction factor discussed in the aforementioned section was applied to portions of holes GG03-1 and GG03-2 and the entire length of GG03-2A.

Results

Complete hole by hole magnetic susceptibility results are reported in Appendix VI and are plotted on Figures 8 and 9.

Values recorded from the instrument show a clear decrease in magnetic susceptibility with proximity to the Goddell Shear. This is associated with the destruction of magnetite in the

host quartz monzonite and andesite dykes with increase in alteration grade proximal to, and within, the Goddell Shear.

In drill hole GG03-2, a massive, silicified andesite dyke was cored within the shear zone but is extremely magnetic and has very high magnetic susceptibility. The adjacent quartz monzonite is also magnetic over a length of less than 1 metre. A correlatable magnetic andesite unit was also observed in drill hole 97-56. It is unclear what the reason for a relatively fresh dyke to occur within extremely altered rocks of the Goddell Shear. The very dark grey to black colour and fine-grained texture may suggest a basaltic, rather than andesitic composition. Late-stage, narrow basaltic dykes are known to exist in the district.

10.3.3 Density Testing

Density testing was performed on drill core samples from drill holes GG03-1 and GG03-2. An Ohaus Scout II digital balance (1.4kg capacity, 0.1g sensitivity) was used for all weight determinations. Two pieces of core from each analytical sample were tested. In a few cases only one piece of core could be tested due to lack of sufficient sample for a second test or inappropriate sampling material (i.e. moist clay gouge material). Analytical sample lengths varied as they accommodated changes in lithology, structure, alteration and mineralization.

Procedure

Prior to testing, water temperature of the bath was recorded on the test sheet. The balance was calibrated using a 1 kilogram standard weight. The wire hanger was then hung and tared (zeroed) off.

Two pieces of whole core were selected from the sample material. The length of core was measured and reported on the test sheet. Core length was limited by the diameter of the water bath (23 cm), though in general size was typically 10-12 centimetres. Weight of each piece was determined by hanging the core in a simple wire hanger and then recorded on the test sheet. The water bath was then placed under the scale and each piece of core was reweighed while hanging directly in the water bath. The "wet" weight was then recorded on the test sheet.

The raw data was entered into a spreadsheet for calculation of the specific gravity (S.G.) using the formula:

$$\text{S.G.} = \frac{\text{(Dry Weight)}}{\text{(Dry Weight)} - \text{(Wet Weight)}}$$

Density of the material is then calculated by:

$$\text{Density} = \text{S.G. X Density of water (assumed 1 g/cm}^3\text{)}$$

Results

The following table summarized the results from all density testing, broken down by lithology. Complete hole-by-hole density test results are presented in Appendix VI. For

calculating density of samples that crossed or contained two lithologies the most abundant lithology in the sample was grouped with the single lithology samples.

Table 10: Density Testing Results

Lithology	No. Samples	Density (g/cm^3)			
		Minimum	Maximum	Average	Std. Deviation
Host Intrusive					
Quartz monzonite	261	2.41	2.88	2.69	0.0585
Dykes					
Andesite	41	2.59	3.45	2.79	0.1142
Rhyolite	16	2.40	2.85	2.53	0.1051
Rhyolite-quartz feldspar porphyry	21	2.24	2.66	2.58	0.1014
Rhyolite- feldspar porphyry	1	2.53	2.53	2.53	0.0000
Other					
Quartz vein	1	2.66	2.66	2.66	0.0000
Mylonite	6	2.69	2.81	2.75	0.0422

11.0 SAMPLING METHODS AND APPROACH

11.1 DRILL CORE SAMPLES

Sampling of core was done by halving the core with a diamond saw across mineralized and altered lithology. Visually the zones sampled were in high contrast to country rock and establishing zones of interest was accomplished without difficulty. Nevertheless, safety margins were established by sampling well into the hanging and footwalls. Under normal circumstances, samples were typically about 1.5 metres long. In zones of poor recovery, longer samples were necessary to ensure measuring accuracy. Many samples were taken at intervals shorter than 1.5 metres to accommodate changes in lithology, structure, alteration and mineralization. Diamond drill hole GG03-2 was continuously sampled from 256.22 metres to end of hole to provide a geochemical signature across the Goddell Shear.

All core samples were sawn into equal halves, one going to commercial assay facilities and the other returning to the core box in an orderly fashion. All core received during the program is stored in the core yard in suitable racks.

12.0 SAMPLE PREPARATION, ANALYSES AND SECURITY

12.1 DRILL CORE SAMPLES

Diamond Drilling Program

At the end of each shift, the drill contractor transported the core to the yard at the camp facility in secured boxes to prevent potential losses. CME personnel then moved the core to

the core processing facility. While drilling through the mineralized zones, a CME geologist was intermittently present at the drill station for the duration of the intercept. The geologist upon recognizing the culmination of zone mineralization and alteration, himself moved and transported the entire intercept to the core processing facility. At this facility, doors were locked in the absence of CME personnel. At the processing facility, all core was washed, aligned and photographed. Core logging included recovery percentages, a magnetometer log, rock quality designation, density measurements, and a geological description. CME geologists marked sample locations concurrent with descriptions so that core could later be sawn.

The core saw utilized 10 inch diamond faced blades to halve the core. Bagged intervals were accumulated in the cutting process of each interval. These bags were tagged and labeled, and passed through a heat sealer to secure the contents. Samples were ordered and counted prior to placing them into 28 litre secure pails for transport by CME personnel first to Whitehorse where Greyhound Courier took custody and then transported direct to the analyzing laboratory. Core during the cutting and logging process was at all times within eyesight of CME personnel or was locked in a secure building.

CME standard and blank quality control samples were inserted into the sample sequence for each sample shipment.

Core Reprocessing Program

Core was moved from the TLG camp core library by truck and relogged at the core processing facility. Core logging consisted of geological description. Only two historical samples were resampled during the program (see section 13.1.4). Sampling procedure was the same as for the diamond drilling program. Upon completion of logging and sampling the core was returned to the core library.

12.2 ANALYTICAL LABORATORY

Sample analysis was carried out by Acme Analytical Laboratories Ltd. (Acme) of Vancouver, BC and Eco-Tech Laboratories (Eco-Tech) of Kamloops, BC.

Soil, talus and rock samples from the surface mapping and sampling program were analyzed at Acme and Eco-Tech. Drill core samples from the reprocessing program were primarily analyzed at Eco-Tech, though several early samples were analyzed at Acme. All drill core samples from the diamond drilling program were analyzed for gold and multi-elements by Eco-Tech.

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).

Acme and Eco-Tech's ICP suite of elements are slightly different, although only in rare or trace elements. Refer to the certificates of the respective laboratories for comparison of elements analyzed.

In all instances, regardless of analyzing laboratory, samples returning greater than 900 ppb gold and/or greater than 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).

Analytical procedures employed by Acme and Eco-Tech are presented in Appendix IV, including sample preparation, analysis, quality control and reporting. Acme is an ISO 9002 registered laboratory.

Drill core check samples were analyzed by Assayers Canada of Vancouver BC and Acme Labs. All samples were analyzed by 1 A.T. fire assay for gold. Analytical procedures are reported in Appendix IV.

13.0 DATA VERIFICATION

13.1 QUALITY CONTROL

13.1.1 Drill Core

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 a standard reference (accuracy and bias) and blank (contamination) inserted for batch of samples submitted to the laboratory for analysis. Each standard and blank consisted of a 150 gram sample size.

The CME standard (CME-1) and blank samples used during the Phase III program were created during the Phase I program (2001). 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 CME blank material was determined to be <1 ppb Au and <0.02 ppm Ag (Naas, 2002). Refer to this reference for full details of the standard and blank preparation and analyses.

Upon receipt of results, CME standards were checked for any significant discrepancies (more than 2 standard deviations above or below the average value). No significant discrepancies were noted.

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.

CME also submitted approximately 10% of all fire-assayed samples to Assayers Canada of Vancouver, BC to measure reproducibility (check samples). A total of 6 sample pulps, which

included one CME standard and one CME blank, were submitted for the study. The pulp material was analyzed for gold by fire assay. Analytical process information for Assayers Canada is presented in Appendix IV. Comparative results are presented in Table 10 with certificate of analyses presented in Appendix III.

Table 11: Comparative Results, Fire Assay, *Eco Tech, Assayers Canada and Acme*

Sample No.	Eco Tech Au (g/t)	Assayers Canada Au (g/t)	Acme Au (g/t)
09416	11.90	13.33	12.60
09418	6.47	6.90	7.17
09431	4.76	4.83	4.80
09774	0.92	0.95	0.86
Standards			
10319	10.10	10.20	
09399	10.90		9.69

Results of check samples indicate some variability, but are considered acceptable. Acme analyzed a different CME standard sample due to lack of material following Assayers Canada analysis.

13.1.2 Density Testing

Accuracy of the testing method was checked by submitting 3 pieces of core to Eco-Tech and Acme for Specific Gravity analysis. Core was selected from drill holes GG03-1 and GG03-2. The laboratories determined specific gravity in a similar fashion as the field method described in section 10.3.3 (a full description of the analytical laboratory procedures is presented in Appendix IV).

Table 12: Comparison of Specific Gravity Check Samples

Sample No.	Specific Gravity		
	Eco-Tech	Acme	Project Site
GG03-1 396.0	2.707	2.71	2.75
GG03-2 374.0	2.759	2.74	2.76
GG03-2 374.5	2.693	2.71	2.75

Variation is noted between the tests, with a slight overestimation of the project site method. These differences are deemed acceptable.

13.1.3 Historical Drill Core Verification

During the relogging phase of the reprocessing program, several historical sample intervals were not consistent with the reported interval in the existing TLG digital database. Where errors in the database were obvious, it was updated with the correct interval based on the core. In general, most errors encountered were a result of measuring errors made during the initial logging and sampling of the core. Specific corrections are presented in Appendix VIb.

Two historical samples were quartered and submitted for analysis. One of the two historical samples (from DDH 97-61) was split into two separate sub-samples during the reprocessing program. For purposes of comparison in the table below, the two samples are weight averaged together.

Table 13: Comparative Results, Historical Drill Core, *Goddell Deposit*

Hole	Interval			Au (g/t)	
	From	To	Length	Historical	Current
97-56	263.00	263.66	0.66	3.57	2.74
97-61	172.84	175.90	3.06	0.45	0.15

In both cases, there is a decrease in reported gold, although the second result compares a historical fire assay result to a geochemical result. Typically, fire assays return a higher gold value than geochemical methods. The first sample still shows elevated gold grade. The decrease may be a result of a less representative sample due to quartering of the core.

14.0 INTERPRETATION AND CONCLUSIONS

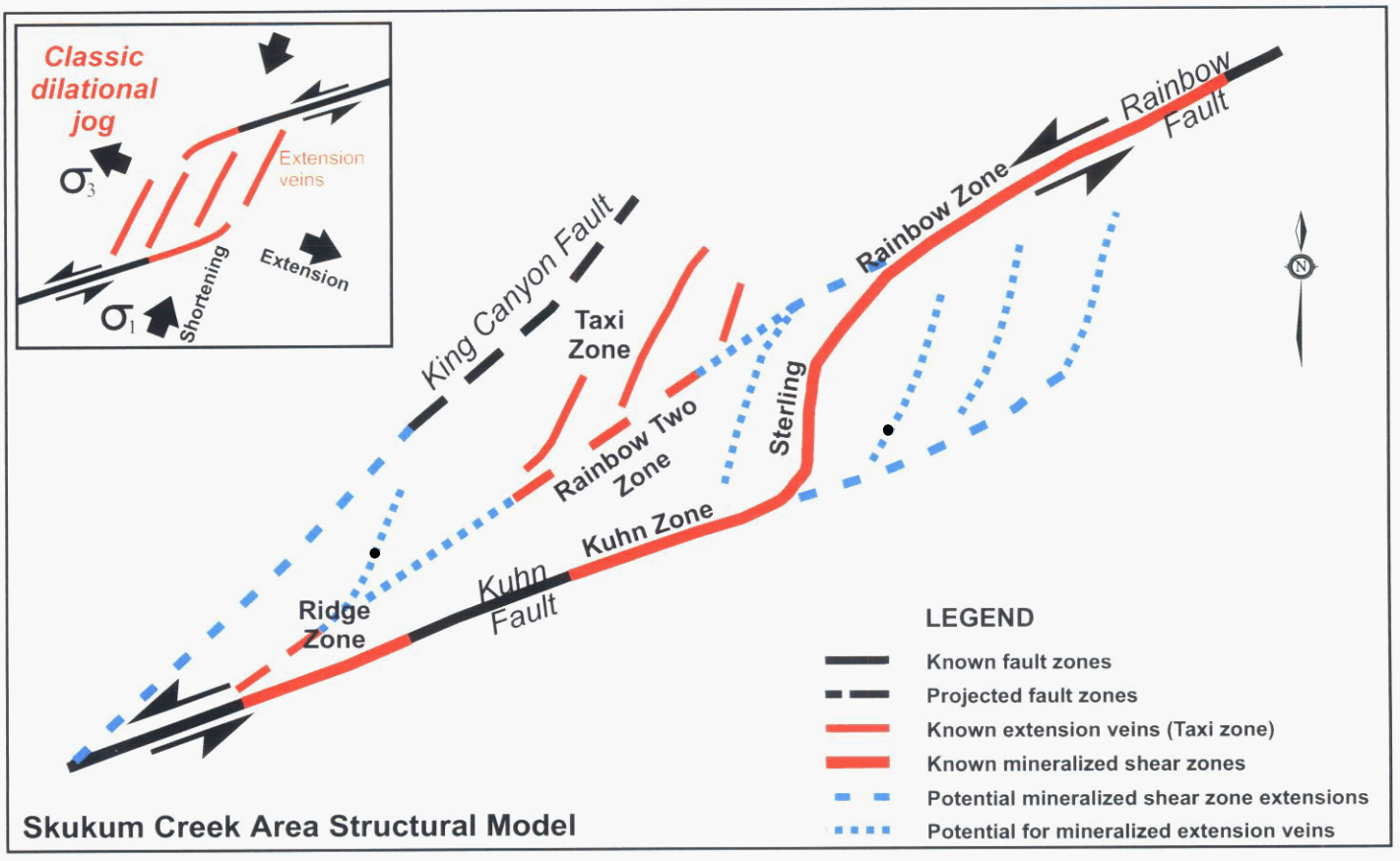
14.1 INTERPRETATION

The inferred structural setting of the Skukum Creek district is an Eocene left lateral strike slip fault system with a reverse, south side up component (Figure 14). Master structures are the Berney Creek, Goddell and Porter Faults. Mineralization thus far identified in the Carbon Hill area occurs in east trending dilational zones where high structural permeability coexists with multiple intrusions of dykes within the structures and at contact areas where late rhyolitic plugs and dykes intrude granitic rocks. Naas (2003) has reviewed the significance of rhyolite intrusives property wide and their intimate association is clearly present at all showings on Carbon Hill. Andesitic dykes, where altered to extreme grades, within the PD Zone, carry the highest gold grades in that deposit, a notable feature not seen elsewhere.

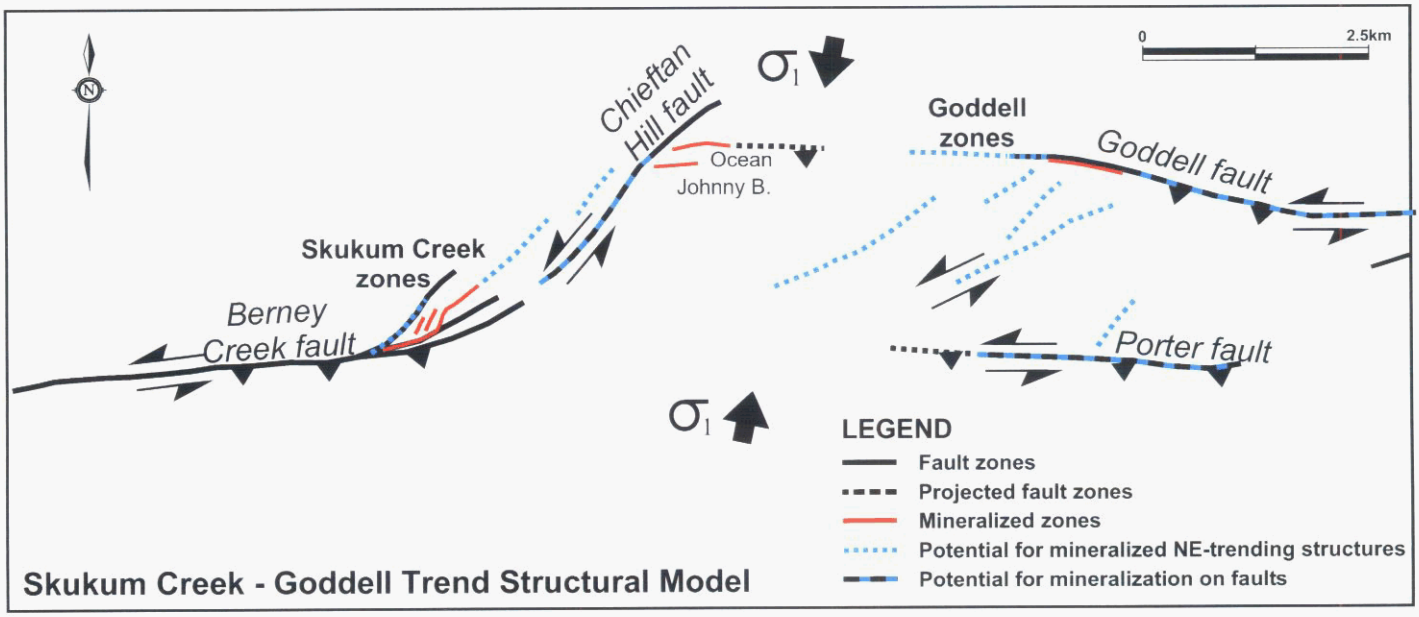
Naas (2003) has reviewed the geochemical characteristics of mineralization within the property area. Also reviewed are the magnetic destruction phenomena and presence of pyrite in significant volumes proximal to important past discoveries. Continued magnetic susceptibility studies and magnetometer surveys are needed.

Continued prospecting, geological mapping, soil geochemical sampling and geophysical surveys are needed on the zones mentioned. Additional efforts are needed to explain and expand all geochemical anomalies identified in historic work.

Further advance is needed in the decline adjacent the PD deposit to provide drill stations so that additional exploration can be accomplished in the subsurface in an easterly direction. At least one diamond drill hole is required from the Wheaton River Valley to test the Goddell Shear west of prior exploration.



Skukum Creek Area Structural Model



Skukum Creek - Goddell Trend Structural Model

TAGISH LAKE GOLD CORP.			
SCHEMATIC STRUCTURAL MODELS Skukum Project Whitehorse M.D., Yukon Territory, Canada			
Project No:	P56D	By:	TV
Scale:	schematic	Drawn:	TV
Figure:	14	Date:	May 2004
CME			

14.2 CONCLUSIONS

The 171.1 km^2 Skukum Property is located within the Intermontane belt of the Canadian Cordillera. Oldest rocks in the area comprise domains and screens of probable Paleozoic gneiss, assigned to the Nisling Terrane, and Jurassic andesitic volcanic and siliciclastic sedimentary rocks of the Stikine Terrane and Whitehorse Trough overlap assemblage. Mesozoic plutonic rocks which underlie much of the project area separate the Jurassic units and Nisling Assemblage into isolated domains and screens. Major intrusions include the Alligator Quartz Monzonite and the late Triassic or early Jurassic K-feldspar megacrystic Bennett Granite that are widespread east of the Wheaton River in the Skukum project area. The most abundant rock types in the region comprise metaluminous Cretaceous intrusions of the Coast Plutonic Complex, in particular the Mt. Ward granite and Carbon Hill quartz monzonite, Mt. McNeil granodiorite pluton. Isolated accumulations of mid- to late-Cretaceous volcanic rocks of intermediate composition of the Mt. Nansen Group are present regionally and are approximately coeval with the Coast Plutonic Complex. In the Skukum project area, these rock types occur on the eastern flanks of Carbon hill and southeast of Goddell Gully near the Becker-Cochran deposit, where they comprise green tuff and tuff breccia that unconformably overlie the Bennett Granite and Jurassic strata. Pre-Tertiary rock types in the region are unconformably overlain by at least four Late Paleocene to Early Eocene volcanic complexes that form the Skukum Group, and are intruded by numerous associated rhyolite and andesite dykes.

Diamond drill hole data from the Lake Zone of the former Mt Skukum Mine was digitized. In the process, all historic data was converted to UTM NAD83 datum for consistency and improved accuracy.

Reprocessing of core from the PD Zone established firm lithology details, which are believed to be a significant control feature. Marker dykes correlate closely with the improved mapping that will again improve as down the hole surveys are completed on historic holes. Most significant mineralization is located within and to the south of the main strands of the Goddell Shear. Tabular steep dipping lenses occur here and may plunge westerly. Fault splay sites may control location of shoots. This offers opportunities above and below. A gold intercept was located at the 640 metre elevation in this work program. A significant and wide intercept also occurs at the 1,245 metre elevation. Neither lithology changes nor structural changes were noted which would preclude opportunities laterally. Consequently, the Goddell Gully Deposit (PD Zone) is believed to be open in all directions and may not be as rigidly vertically zoned as previously conjectured. Andesite dykes replaced with arsenopyrite and pyrite are the most important locale for gold mineralization.

Two diamond drill holes were completed in 2003 from surface through the Goddell Shear and a third was attempted but lost in a fault near surface. The hole drilled south to north again showed that the hanging wall has mineralized veinlets. This hole also cored a rhyolite with disseminated sulphides. Best results occurred in diamond drill hole GG03-1 where sampling returned 5.32 g/t Au over 7.85 metres. The intersections seen in the work program further suggest that the deposit limits are not yet defined.

Precision analysis and geochemical analysis of the samples submitted for analytical testing during the current program returned acceptable results.

The base metal trend identified in 2001 (Naas, 2002) paralleling major easterly trending faults has been shown to continue across Carbon Hill and is broader than initially reported.

15.0 RECOMMENDATIONS

The objectives of the recommended work are:

(a) to increase the quantity of the current precious metal resource;

(b) to increase the confidence in the current resource; and

(c) to understand geological controls for the precious metal deposits which will aid in finding ability for additions to resource figures.

15.1 WORK PROGRAM

An additional 350 metre extension to the Goddell decline, along strike of the current deposit, coupled with diamond drilling is recommended to extend the PD Zone and/or to find repeats of the PD Zone. The proposed drilling totals 1,900 metres of core. In addition, survey control is recommended on the existing decline and any proposed extension. Down-the-hole surveys are recommended on historic diamond drill holes, if available. Nine holes remain in the core reprocess program and it is recommended that all holes be completed.

A diamond drilling recommendation is contingent upon favorable results of the foregoing recommendations. At least one drill hole is proposed to cross the Goddell Shear in the area just below the waste dump near the portal. This hole is recommended to be drilled from south to north.

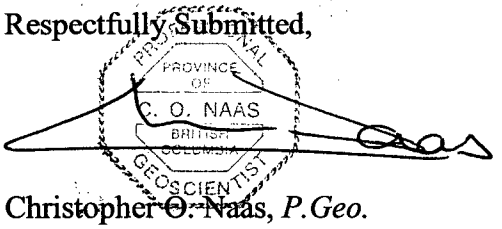
15.2 PROPOSED BUDGET

The proposed budget for the work program is presented in Table 14. The total for both recommended programs is C$1,255,000.

Table 14: Recommended Work Program Budget

Activity	Total Cost ($C)
Mob/Demob	45,000
Ramp Extension	770,000
Underground Diamond Drilling	320,000
Surveying	5,000
Reporting	15,000
Contingency	100,000
TOTAL	**1,255,000**

Respectfully Submitted,



Christopher O. Naas, *P.Geo.*
CME Consulting Ltd.

May 7th, 2004

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Minfile number 105D-026.

17.0 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 the results of the 2003 work program;

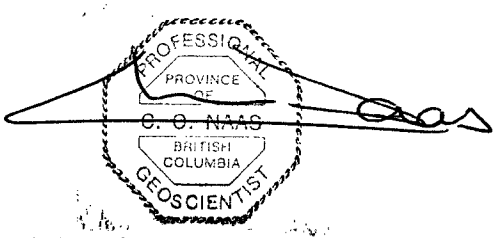
5. I have visited the Property on several occasions during the course of the Phase III Exploration Program;

6. I own shares of Tagish Lake Gold Corp.;

7. 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;

8. 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;

Dated at Richmond, British Columbia, this 7th day of May, 2004.



Christopher O. Naas, *P.Geo.*

APPENDIX I

ABBREVIATIONS AND CONVERSION FACTORS

ABBREVIATIONS

Elements		Abbreviations	
Ag	Silver	Az	azimuth
As	Arsenic	$C	Canadian dollars
Au	Gold	g/t	grams per metric tonne
Ca	Calcium	oz/T	troy ounces per ton
Cu	Copper	tpd	metric tonnes per day
K	Potassium	Eq. Au	Gold equivalent
Pb	Lead	UTM	Universal Transverse Mercator
Sb	Antimony	NAD	North American Datum
Zn	Zinc	°/ ' / "	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 (cc)	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 LIST

Claim Status: Skukum Property

Claim Name	Grant Number	Expiry Date	Owner	%Owned	
RACA 8	Y 60275	February 8, 2008	Tagish Lake Gold Corp.	100	
RACA 9	Y 60276	February 8, 2008	Tagish Lake Gold Corp.	100	
RACA 10	Y 60277	February 8, 2008	Tagish Lake Gold Corp.	100	
RACA 11	Y 60278	February 8, 2008	Tagish Lake Gold Corp.	100	
POP 1	Y 75415	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 2	Y 75416	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 3	Y 75417	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 4	Y 75418	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 5	Y 75419	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 6	Y 75420	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 7	Y 75421	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 8	Y 75422	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 9	Y 75423	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 10	Y 75424	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 11	Y 75425	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 12	Y 75426	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 13	Y 75427	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 14	Y 75428	December 1, 2007	Tagish Lake Gold Corp.	100	R
WH 1	Y 75547	September 22, 2010	Tagish Lake Gold Corp.	100	
WH 2	Y 75548	September 22, 2010	Tagish Lake Gold Corp.	100	
WH 3	Y 75549	September 22, 2012	Tagish Lake Gold Corp.	100	
WH 4	Y 75550	September 22, 2010	Tagish Lake Gold Corp.	100	
WH 5	Y 75551	September 22, 2010	Tagish Lake Gold Corp.	100	
WH 6	Y 75552	September 22, 2010	Tagish Lake Gold Corp.	100	
WH 7	Y 75553	September 22, 2010	Tagish Lake Gold Corp.	100	
WH 8	Y 75554	September 22, 2010	Tagish Lake Gold Corp.	100	
KUKU 1	YA61199	January 1, 2009	Tagish Lake Gold Corp.	100	
KUKU 2	YA61200	January 1, 2009	Tagish Lake Gold Corp.	100	
KUKU 3	YA61201	January 1, 2008	Tagish Lake Gold Corp.	100	
KUKU 4	YA61202	January 1, 2008	Tagish Lake Gold Corp.	100	
KUKU 5	YA61203	January 1, 2008	Tagish Lake Gold Corp.	100	
KUKU 6	YA61204	January 1, 2008	Tagish Lake Gold Corp.	100	
KUKU 9	YA61207	January 1, 2008	Tagish Lake Gold Corp.	100	
KUKU 10	YA61208	January 1, 2008	Tagish Lake Gold Corp.	100	
KUKU 11	YA61209	January 1, 2008	Tagish Lake Gold Corp.	100	
KUKU 12	YA61210	January 1, 2008	Tagish Lake Gold Corp.	100	
KUKU 13	YA61211	June 9, 2010	Tagish Lake Gold Corp.	100	
KUKU 14	YA61212	June 9, 2010	Tagish Lake Gold Corp.	100	
KUKU 15	YA61213	June 9, 2009	Tagish Lake Gold Corp.	100	
KUKU 16	YA61214	June 9, 2009	Tagish Lake Gold Corp.	100	
KUKU 17	YA61215	June 9, 2009	Tagish Lake Gold Corp.	100	
KUKU 18	YA61216	June 9, 2010	Tagish Lake Gold Corp.	100	
KUKU 19	YA61217	June 9, 2009	Tagish Lake Gold Corp.	100	
KUKU 20	YA61218	June 9, 2009	Tagish Lake Gold Corp.	100	
KUKU 21	YA61219	June 9, 2008	Tagish Lake Gold Corp.	100	
KUKU 23	YA61221	June 9, 2007	Tagish Lake Gold Corp.	100	R
KUKU 24	YA61222	June 9, 2007	Tagish Lake Gold Corp.	100	R
KUKU 25	YA61223	January 1, 2008	Tagish Lake Gold Corp.	100	
KUKU 26	YA61224	January 1, 2008	Tagish Lake Gold Corp.	100	
KUKU 27	YA61225	June 9, 2009	Tagish Lake Gold Corp.	100	
KUKU 28	YA61226	June 9, 2008	Tagish Lake Gold Corp.	100	
KUKU 29	YA61227	June 9, 2009	Tagish Lake Gold Corp.	100	
KUKU 30	YA61228	June 9, 2008	Tagish Lake Gold Corp.	100	
KUKU 31	YA61229	June 9, 2009	Tagish Lake Gold Corp.	100	
KUKU 32	YA61230	June 9, 2008	Tagish Lake Gold Corp.	100	
KUKU 33	YA61231	June 9, 2008	Tagish Lake Gold Corp.	100	
KUKU 34	YA61232	June 9, 2007	Tagish Lake Gold Corp.	100	R
KUKU 35	YA61233	January 1, 2007	Tagish Lake Gold Corp.	100	R
KUKU 36	YA61234	January 1, 2007	Tagish Lake Gold Corp.	100	R
KUKU 37	YA61235	January 1, 2007	Tagish Lake Gold Corp.	100	R
KUKU 38	YA61236	January 1, 2007	Tagish Lake Gold Corp.	100	R
KUKU 39	YA61237	January 1, 2007	Tagish Lake Gold Corp.	100	R

R - pending acceptance of assessment credit

Claim Status: Skukum Property

Claim Name	Grant Number	Expiry Date	Owner	%Owned	
KUKU 40	YA61238	January 1, 2007	Tagish Lake Gold Corp.	100	R
KUKU 41	YA61239	January 1, 2007	Tagish Lake Gold Corp.	100	R
KUKU 43	YA61241	January 1, 2007	Tagish Lake Gold Corp.	100	R
KUKU 45	YA61243	January 1, 2007	Tagish Lake Gold Corp.	100	R
KUKU 46	YA61244	January 1, 2007	Tagish Lake Gold Corp.	100	
KUKU 47	YA61245	January 1, 2007	Tagish Lake Gold Corp.	100	
KUKU 48	YA61246	January 1, 2007	Tagish Lake Gold Corp.	100	R
KUKU 50	YA61624	January 1, 2007	Tagish Lake Gold Corp.	100	R
KUKU 65	YA61639	January 1, 2007	Tagish Lake Gold Corp.	100	R
KUKU 66	YA61640	January 1, 2007	Tagish Lake Gold Corp.	100	R
KUKU 97	YA61671	January 1, 2008	Tagish Lake Gold Corp.	100	
KUKU 98	YA61672	January 1, 2008	Tagish Lake Gold Corp.	100	
KUKU 99	YA61673	January 1, 2008	Tagish Lake Gold Corp.	100	
KUKU 100	YA61674	January 1, 2008	Tagish Lake Gold Corp.	100	
KUKU 194	YA61768	January 1, 2007	Tagish Lake Gold Corp.	100	R
KUKU 196	YA61770	January 1, 2007	Tagish Lake Gold Corp.	100	R
KUKU 197	YA61771	January 1, 2007	Tagish Lake Gold Corp.	100	R
KUKU 198	YA61772	January 1, 2007	Tagish Lake Gold Corp.	100	R
KUKU 199	YA61773	January 1, 2007	Tagish Lake Gold Corp.	100	R
KUKU 250	YA61824	January 1, 2008	Tagish Lake Gold Corp.	100	
KUKU 251	YA61825	January 1, 2008	Tagish Lake Gold Corp.	100	
KUKU 282	YA61856	January 1, 2008	Tagish Lake Gold Corp.	100	
KUKU 283	YA61857	January 1, 2008	Tagish Lake Gold Corp.	100	
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CHIEF 14	YA74397	January 1, 2008	Tagish Lake Gold Corp.	100	
CHIEF 15	YA74398	January 1, 2008	Tagish Lake Gold Corp.	100	
CHIEF 16	YA74399	January 1, 2008	Tagish Lake Gold Corp.	100	
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CHIEF 19	YA74402	January 1, 2008	Tagish Lake Gold Corp.	100	
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CHIEF 23	YA74406	January 1, 2008	Tagish Lake Gold Corp.	100	
CHIEF 24	YA74407	January 1, 2008	Tagish Lake Gold Corp.	100	
CHIEF 25	YA74408	January 1, 2008	Tagish Lake Gold Corp.	100	
CHIEF 26	YA74409	January 1, 2008	Tagish Lake Gold Corp.	100	
CHIEF 27	YA74410	January 1, 2008	Tagish Lake Gold Corp.	100	
CHIEF 32	YA74415	January 1, 2008	Tagish Lake Gold Corp.	100	
CHIEF 33	YA74416	January 1, 2008	Tagish Lake Gold Corp.	100	
CHIEF 34	YA74417	January 1, 2008	Tagish Lake Gold Corp.	100	
CHIEF 35	YA74418	January 1, 2008	Tagish Lake Gold Corp.	100	
CHIEF 36	YA74419	January 1, 2008	Tagish Lake Gold Corp.	100	
CHIEF 37	YA74420	January 1, 2008	Tagish Lake Gold Corp.	100	
CHIEF 38	YA74421	January 1, 2008	Tagish Lake Gold Corp.	100	
CHIEF 39	YA74422	January 1, 2008	Tagish Lake Gold Corp.	100	
CHIEF 40	YA74423	January 1, 2008	Tagish Lake Gold Corp.	100	
CHIEF 41	YA74424	January 1, 2008	Tagish Lake Gold Corp.	100	
CHIEF 42	YA74425	January 1, 2008	Tagish Lake Gold Corp.	100	
CHIEF 43	YA74426	January 1, 2008	Tagish Lake Gold Corp.	100	
CHIEF 44	YA74427	January 1, 2007	Tagish Lake Gold Corp.	100	
CHIEF 45	YA74428	January 1, 2008	Tagish Lake Gold Corp.	100	
CHIEF 46	YA74429	January 1, 2007	Tagish Lake Gold Corp.	100	
CHIEF 47	YA74430	January 1, 2007	Tagish Lake Gold Corp.	100	
CHIEF 48	YA74431	January 1, 2007	Tagish Lake Gold Corp.	100	
CHIEF 49	YA74432	January 1, 2007	Tagish Lake Gold Corp.	100	
CHIEF 52	YA74435	January 1, 2008	Tagish Lake Gold Corp.	100	
CHIEF 53	YA74436	January 1, 2008	Tagish Lake Gold Corp.	100	
CHIEF 54	YA74437	January 1, 2008	Tagish Lake Gold Corp.	100	
CHIEF 55	YA74438	January 1, 2008	Tagish Lake Gold Corp.	100	

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Claim Status: Skukum Property

Claim Name	Grant Number	Expiry Date	Owner	%Owned	
CHIEF 56	YA74439	January 1, 2008	Tagish Lake Gold Corp.	100	
CHIEF 57	YA74440	January 1, 2008	Tagish Lake Gold Corp.	100	
CHIEF 58	YA74441	January 1, 2008	Tagish Lake Gold Corp.	100	
CHIEF 59	YA74442	January 1, 2008	Tagish Lake Gold Corp.	100	
CHIEF 60	YA74443	January 1, 2008	Tagish Lake Gold Corp.	100	
CHIEF 61	YA74444	January 1, 2008	Tagish Lake Gold Corp.	100	
CHIEF 62	YA74445	January 1, 2008	Tagish Lake Gold Corp.	100	
CHIEF 63	YA74446	January 1, 2008	Tagish Lake Gold Corp.	100	
CHIEF 64	YA74447	January 1, 2007	Tagish Lake Gold Corp.	100	
CHIEF 65	YA74448	January 1, 2007	Tagish Lake Gold Corp.	100	
CHIEF 66	YA74449	January 1, 2007	Tagish Lake Gold Corp.	100	
CHIEF 67	YA74450	January 1, 2007	Tagish Lake Gold Corp.	100	
CHIEF 68	YA74451	January 1, 2007	Tagish Lake Gold Corp.	100	
PUP 85	YA78390	January 1, 2007	Tagish Lake Gold Corp.	100	
POP 15	YA81468	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 16	YA81469	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 17	YA81470	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 18	YA81471	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 19	YA81472	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 20	YA81473	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 21	YA81474	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 22	YA81475	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 23	YA81476	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 24	YA81477	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 25	YA81478	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 26	YA81479	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 27	YA81480	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 28	YA81481	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 29	YA81482	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 30	YA81483	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 31	YA81484	December 1, 2008	Tagish Lake Gold Corp.	100	
POP 32	YA81485	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 33	YA81486	December 1, 2008	Tagish Lake Gold Corp.	100	
POP 34	YA81487	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 35	YA81488	December 1, 2008	Tagish Lake Gold Corp.	100	
POP 36	YA81489	December 1, 2008	Tagish Lake Gold Corp.	100	
POP 37	YA81490	December 1, 2008	Tagish Lake Gold Corp.	100	
POP 38	YA81491	December 1, 2008	Tagish Lake Gold Corp.	100	
POP 39	YA81492	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 40	YA81493	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 41	YA81494	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 42	YA81495	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 43	YA81496	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 44	YA81497	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 45	YA81498	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 46	YA81499	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 47	YA81500	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 48	YA81501	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 49	YA81502	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 50	YA81503	December 1, 2008	Tagish Lake Gold Corp.	100	
POP 51	YA81504	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 52	YA81505	December 1, 2008	Tagish Lake Gold Corp.	100	
POP 53	YA81506	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 54	YA81507	December 1, 2008	Tagish Lake Gold Corp.	100	
POP 55	YA81508	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 56	YA81509	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 57	YA81510	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 58	YA81511	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 59	YA81512	December 1, 2008	Tagish Lake Gold Corp.	100	
POP 60	YA81513	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 61	YA81514	December 1, 2008	Tagish Lake Gold Corp.	100	
POP 62	YA81515	December 1, 2007	Tagish Lake Gold Corp.	100	R

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Claim Name	Grant Number	Expiry Date	Owner	%Owned	
POP 63	YA81516	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 64	YA81517	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 65	YA81518	December 1, 2010	Tagish Lake Gold Corp.	100	
POP 66	YA81519	December 1, 2010	Tagish Lake Gold Corp.	100	
POP 67	YA81520	December 1, 2010	Tagish Lake Gold Corp.	100	
POP 68	YA81521	December 1, 2010	Tagish Lake Gold Corp.	100	
POP 69	YA81522	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 70	YA81523	December 1, 2007	Tagish Lake Gold Corp.	100	R
ERN 1	YA81543	September 22, 2008	Tagish Lake Gold Corp.	100	
ERN 2	YA81544	September 22, 2008	Tagish Lake Gold Corp.	100	
ERN 3	YA81545	September 22, 2009	Tagish Lake Gold Corp.	100	
ERN 4	YA81546	September 22, 2009	Tagish Lake Gold Corp.	100	
ERN 5	YA81547	September 22, 2008	Tagish Lake Gold Corp.	100	
ERN 6	YA81548	September 22, 2008	Tagish Lake Gold Corp.	100	
ERN 7	YA81549	September 22, 2008	Tagish Lake Gold Corp.	100	
ERN 8	YA81550	September 22, 2008	Tagish Lake Gold Corp.	100	
ERN 9	YA81551	September 22, 2008	Tagish Lake Gold Corp.	100	
ERN 10	YA81552	September 22, 2008	Tagish Lake Gold Corp.	100	
ERN 11	YA81553	September 22, 2008	Tagish Lake Gold Corp.	100	
ERN 12	YA81554	September 22, 2008	Tagish Lake Gold Corp.	100	
ERN 13	YA81555	September 22, 2008	Tagish Lake Gold Corp.	100	
ERN 14	YA81556	September 22, 2008	Tagish Lake Gold Corp.	100	
ERN 15	YA81557	September 22, 2008	Tagish Lake Gold Corp.	100	
MOM 1	YA81767	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 2	YA81768	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 3	YA81769	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 4	YA81770	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 5	YA81771	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 6	YA81772	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 7	YA81773	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 8	YA81774	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 9	YA81775	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 10	YA81776	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 15	YA81781	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 16	YA81782	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 17	YA81783	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 18	YA81784	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 19	YA81785	December 1, 2006	Tagish Lake Gold Corp.	100	R
MOM 20	YA81786	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 21	YA81787	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 22	YA81788	December 1, 2008	Tagish Lake Gold Corp.	100	R
MOM 23	YA81789	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 24	YA81790	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 25	YA81791	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 26	YA81792	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 27	YA81793	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 28	YA81794	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 29	YA81795	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 30	YA81796	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 31	YA81797	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 32	YA81798	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 33	YA81799	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 34	YA81800	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 35	YA81801	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 36	YA81802	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 37	YA81803	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 38	YA81804	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 39	YA81805	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 40	YA81806	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 41	YA81807	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 42	YA81808	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 43	YA81809	December 1, 2007	Tagish Lake Gold Corp.	100	R

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Claim Name	Grant Number	Expiry Date	Owner	%Owned	
MOM 44	YA81810	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 47	YA81813	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 48	YA81814	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 49	YA81815	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 50	YA81816	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 51	YA81817	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 52	YA81818	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 53	YA81819	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 54	YA81820	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 55	YA81821	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 56	YA81822	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 57	YA81823	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 58	YA81824	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 59	YA81825	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 60	YA81826	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 62	YA81828	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 63	YA81829	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 64	YA81830	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 65	YA81831	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 66	YA81832	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 67	YA81833	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 68	YA81834	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 69	YA81835	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 70	YA81836	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 71	YA81837	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 72	YA81838	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 73	YA81839	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 74	YA81840	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 75	YA81841	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 76	YA81842	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 77	YA81843	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 78	YA81844	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 79	YA81845	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 80	YA81846	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 81	YA81847	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 82	YA82000	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 83	YA82001	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 84	YA82002	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 85	YA82003	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 86	YA82004	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 87	YA82005	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 88	YA82006	December 1, 2007	Tagish Lake Gold Corp.	100	R
MOM 89	YA82007	December 1, 2007	Tagish Lake Gold Corp.	100	R
TECH 1	YA82362	December 1, 2007	Tagish Lake Gold Corp.	100	R
TECH 2	YA82363	December 1, 2007	Tagish Lake Gold Corp.	100	R
TECH 3	YA82364	December 1, 2007	Tagish Lake Gold Corp.	100	R
TECH 4	YA82365	December 1, 2007	Tagish Lake Gold Corp.	100	R
TECH 7	YA82368	December 1, 2007	Tagish Lake Gold Corp.	100	R
TECH 8	YA82369	December 1, 2007	Tagish Lake Gold Corp.	100	R
TECH 9	YA82370	December 1, 2007	Tagish Lake Gold Corp.	100	R
TECH 10	YA82371	December 1, 2007	Tagish Lake Gold Corp.	100	R
TECH 11	YA82372	December 1, 2007	Tagish Lake Gold Corp.	100	R
TECH 12	YA82373	December 1, 2007	Tagish Lake Gold Corp.	100	R
TECH 13	YA82374	December 1, 2007	Tagish Lake Gold Corp.	100	R
TECH 15	YA82376	December 1, 2007	Tagish Lake Gold Corp.	100	R
TECH 16	YA82377	December 1, 2007	Tagish Lake Gold Corp.	100	R
TECH 17	YA82378	December 1, 2007	Tagish Lake Gold Corp.	100	R
TECH 18	YA82379	December 1, 2007	Tagish Lake Gold Corp.	100	R
TREE 1	YA82961	September 22, 2009	Tagish Lake Gold Corp.	100	
TREE 2	YA82962	September 22, 2009	Tagish Lake Gold Corp.	100	
TREE 3	YA82963	September 22, 2009	Tagish Lake Gold Corp.	100	
TREE 4	YA82964	September 22, 2009	Tagish Lake Gold Corp.	100	

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Claim Name	Grant Number	Expiry Date	Owner	%Owned	
TREE 5	YA82965	September 22, 2009	Tagish Lake Gold Corp.	100	
ERN 16	YA85503	September 22, 2008	Tagish Lake Gold Corp.	100	
ERN 17	YA85504	September 22, 2008	Tagish Lake Gold Corp.	100	
ERN 18	YA85505	September 22, 2008	Tagish Lake Gold Corp.	100	
ERN 19	YA85506	September 22, 2008	Tagish Lake Gold Corp.	100	
ERN 20	YA85507	September 22, 2008	Tagish Lake Gold Corp.	100	
ERN 21	YA85508	September 22, 2008	Tagish Lake Gold Corp.	100	
ERN 22	YA85509	September 22, 2008	Tagish Lake Gold Corp.	100	
ERN 24	YA85511	September 22, 2008	Tagish Lake Gold Corp.	100	
ERN 25	YA85512	September 22, 2008	Tagish Lake Gold Corp.	100	
ERN 26	YA85513	September 22, 2008	Tagish Lake Gold Corp.	100	
ERN 27	YA85514	September 22, 2008	Tagish Lake Gold Corp.	100	
ERN 30	YA85515	September 22, 2008	Tagish Lake Gold Corp.	100	
ERN 31	YA85516	September 22, 2008	Tagish Lake Gold Corp.	100	
ERN 32	YA85517	September 22, 2008	Tagish Lake Gold Corp.	100	
ERN 33	YA85518	September 22, 2008	Tagish Lake Gold Corp.	100	
TECH 19	YA86013	December 1, 2007	Tagish Lake Gold Corp.	100	R
TECH 20	YA86014	December 1, 2007	Tagish Lake Gold Corp.	100	R
TECH 21	YA86015	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 71	YA86194	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 72	YA86195	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 73	YA86196	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 74	YA86197	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 75	YA86198	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 76	YA86199	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 77	YA86200	December 1, 2009	Tagish Lake Gold Corp.	100	
POP 78	YA86201	December 1, 2007	Tagish Lake Gold Corp.	100	
POP 79	YA86202	December 1, 2009	Tagish Lake Gold Corp.	100	
POP 80	YA86203	December 1, 2007	Tagish Lake Gold Corp.	100	
POP 81	YA86204	December 1, 2007	Tagish Lake Gold Corp.	100	
POP 82	YA86205	December 1, 2007	Tagish Lake Gold Corp.	100	
POP 83	YA86206	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 84	YA86207	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 85	YA86208	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 86	YA86209	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 87	YA86210	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 88	YA86211	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 89	YA86212	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 90	YA86213	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 91	YA86214	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 92	YA86215	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 93	YA86216	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 94	YA86217	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 95	YA86218	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 96	YA86219	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 97	YA86220	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 98	YA86221	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 99	YA86222	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 100	YA86223	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 101	YA86224	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 102	YA86225	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 103	YA86226	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 104	YA86227	December 1, 2007	Tagish Lake Gold Corp.	100	R
TECH 22	YA92145	December 1, 2007	Tagish Lake Gold Corp.	100	R
TECH 23	YA92146	December 1, 2007	Tagish Lake Gold Corp.	100	R
TECH 24	YA92147	December 1, 2007	Tagish Lake Gold Corp.	100	R
TECH 25	YA92148	December 1, 2007	Tagish Lake Gold Corp.	100	R
TECH 26	YA92149	December 1, 2007	Tagish Lake Gold Corp.	100	R
TECH 27	YA92150	December 1, 2007	Tagish Lake Gold Corp.	100	R
TECH 28	YA92151	December 1, 2007	Tagish Lake Gold Corp.	100	R
TECH 29	YA92152	December 1, 2007	Tagish Lake Gold Corp.	100	R
TECH 30	YA92153	December 1, 2007	Tagish Lake Gold Corp.	100	R

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Claim Status: Skukum Property

Claim Name	Grant Number	Expiry Date	Owner	%Owned	
TECH 31	YA92154	December 1, 2007	Tagish Lake Gold Corp.	100	R
TECH 32	YA92155	December 1, 2007	Tagish Lake Gold Corp.	100	R
TECH 33	YA92156	December 1, 2007	Tagish Lake Gold Corp.	100	R
TECH 34	YA92157	December 1, 2007	Tagish Lake Gold Corp.	100	R
TECH 35	YA92158	December 1, 2007	Tagish Lake Gold Corp.	100	R
TECH 36	YA92159	December 1, 2007	Tagish Lake Gold Corp.	100	R
TECH 37	YA92160	December 1, 2007	Tagish Lake Gold Corp.	100	R
TECH 38	YA92161	December 1, 2007	Tagish Lake Gold Corp.	100	R
TECH 39	YA92162	December 1, 2007	Tagish Lake Gold Corp.	100	R
TECH 40	YA92163	December 1, 2007	Tagish Lake Gold Corp.	100	R
TEX 1	YA92833	September 22, 2008	Tagish Lake Gold Corp.	100	
TEX 2	YA92834	September 22, 2008	Tagish Lake Gold Corp.	100	
TEX 3	YA92835	September 22, 2008	Tagish Lake Gold Corp.	100	
TEX 4	YA92836	September 22, 2008	Tagish Lake Gold Corp.	100	
TEX 5	YA92837	September 22, 2008	Tagish Lake Gold Corp.	100	
TEX 6	YA92838	September 22, 2008	Tagish Lake Gold Corp.	100	
TEX 7	YA92839	September 22, 2008	Tagish Lake Gold Corp.	100	
TEX 8	YA92840	September 22, 2008	Tagish Lake Gold Corp.	100	
TEX 9	YA92841	September 22, 2008	Tagish Lake Gold Corp.	100	
TEX 10	YA92842	September 22, 2008	Tagish Lake Gold Corp.	100	
TEX 11	YA92843	September 22, 2008	Tagish Lake Gold Corp.	100	
TEX 12	YA92844	September 22, 2008	Tagish Lake Gold Corp.	100	
TEX 13	YA92845	September 22, 2008	Tagish Lake Gold Corp.	100	
TEX 14	YA92846	September 22, 2008	Tagish Lake Gold Corp.	100	
TEX 15	YA92847	September 22, 2008	Tagish Lake Gold Corp.	100	
TEX 16	YA92848	September 22, 2008	Tagish Lake Gold Corp.	100	
TEX 17	YA92849	September 22, 2008	Tagish Lake Gold Corp.	100	
TEX 18	YA92850	September 22, 2008	Tagish Lake Gold Corp.	100	
TEX 19	YA92851	September 22, 2008	Tagish Lake Gold Corp.	100	
TEX 20	YA92852	September 22, 2008	Tagish Lake Gold Corp.	100	
TEX 21	YA92853	September 22, 2008	Tagish Lake Gold Corp.	100	
TEX 22	YA92854	September 22, 2008	Tagish Lake Gold Corp.	100	
STEN 1	YA92922	December 1, 2007	Tagish Lake Gold Corp.	100	R
STEN 2	YA92923	December 1, 2007	Tagish Lake Gold Corp.	100	R
STEN 3	YA92924	December 1, 2007	Tagish Lake Gold Corp.	100	R
STEN 4	YA92925	December 1, 2007	Tagish Lake Gold Corp.	100	R
STEN 5	YA92926	December 1, 2007	Tagish Lake Gold Corp.	100	R
STEN 6	YA92927	December 1, 2007	Tagish Lake Gold Corp.	100	R
STEN 7	YA92928	December 1, 2007	Tagish Lake Gold Corp.	100	R
STEN 8	YA92929	December 1, 2007	Tagish Lake Gold Corp.	100	R
STEN 9	YA92930	December 1, 2007	Tagish Lake Gold Corp.	100	R
STEN 10	YA92931	December 1, 2007	Tagish Lake Gold Corp.	100	R
STEN 11	YA92932	December 1, 2007	Tagish Lake Gold Corp.	100	R
STEN 12	YA92933	December 1, 2007	Tagish Lake Gold Corp.	100	R
STEN 13	YA92934	December 1, 2007	Tagish Lake Gold Corp.	100	R
STEN 14	YA92935	December 1, 2007	Tagish Lake Gold Corp.	100	R
STEN 15	YA92936	December 1, 2007	Tagish Lake Gold Corp.	100	R
STEN 16	YA92937	December 1, 2007	Tagish Lake Gold Corp.	100	R
STEN 17	YA92938	December 1, 2007	Tagish Lake Gold Corp.	100	R
STEN 19	YA92940	December 1, 2008	Tagish Lake Gold Corp.	100	
STEN 20	YA92941	December 1, 2007	Tagish Lake Gold Corp.	100	R
STEN 21	YA92942	December 1, 2007	Tagish Lake Gold Corp.	100	R
STEN 22	YA92943	December 1, 2007	Tagish Lake Gold Corp.	100	R
STEN 23	YA92944	December 1, 2007	Tagish Lake Gold Corp.	100	
STEN 24	YA92945	December 1, 2007	Tagish Lake Gold Corp.	100	R
STEN 25	YA92946	December 1, 2007	Tagish Lake Gold Corp.	100	R
STEN 26	YA92947	December 1, 2007	Tagish Lake Gold Corp.	100	R
STEN 27	YA92948	December 1, 2007	Tagish Lake Gold Corp.	100	R
STEN 28	YA92949	December 1, 2007	Tagish Lake Gold Corp.	100	R
STEN 29	YA92950	December 1, 2007	Tagish Lake Gold Corp.	100	R
STEN 30	YA92951	December 1, 2008	Tagish Lake Gold Corp.	100	
STEN 31	YA92952	December 1, 2007	Tagish Lake Gold Corp.	100	R

R - pending acceptance of assessment credit

Claim Status: Skukum Property

Claim Name	Grant Number	Expiry Date	Owner	%Owned	
STEN 32	YA92953	December 1, 2008	Tagish Lake Gold Corp.	100	
STEN 33	YA92954	December 1, 2007	Tagish Lake Gold Corp.	100	R
STEN 34	YA92955	December 1, 2007	Tagish Lake Gold Corp.	100	R
STEN 35	YA92956	December 1, 2007	Tagish Lake Gold Corp.	100	R
STEN 36	YA92957	December 1, 2007	Tagish Lake Gold Corp.	100	R
STEN 37	YA92958	December 1, 2007	Tagish Lake Gold Corp.	100	R
STEN 38	YA92959	December 1, 2007	Tagish Lake Gold Corp.	100	R
STEN 39	YA92960	December 1, 2007	Tagish Lake Gold Corp.	100	R
STEN 40	YA92961	December 1, 2008	Tagish Lake Gold Corp.	100	
STEN 41	YA92962	December 1, 2008	Tagish Lake Gold Corp.	100	
STEN 42	YA92963	December 1, 2008	Tagish Lake Gold Corp.	100	
STEN 43	YA92964	December 1, 2007	Tagish Lake Gold Corp.	100	R
STEN 44	YA92965	December 1, 2007	Tagish Lake Gold Corp.	100	R
STEN 45	YA92966	December 1, 2008	Tagish Lake Gold Corp.	100	
KIR 1	YA92967	September 22, 2008	Tagish Lake Gold Corp.	100	
KIR 2	YA92968	September 22, 2008	Tagish Lake Gold Corp.	100	
KIR 3	YA92969	September 22, 2008	Tagish Lake Gold Corp.	100	
KIR 4	YA92970	September 22, 2008	Tagish Lake Gold Corp.	100	
KIR 5	YA92971	September 22, 2008	Tagish Lake Gold Corp.	100	
KIR 6	YA92972	September 22, 2008	Tagish Lake Gold Corp.	100	
KIR 7	YA92973	September 22, 2008	Tagish Lake Gold Corp.	100	
KIR 8	YA92974	September 22, 2008	Tagish Lake Gold Corp.	100	
KIR 9	YA92975	September 22, 2008	Tagish Lake Gold Corp.	100	
KIR 10	YA92976	September 22, 2008	Tagish Lake Gold Corp.	100	
KIR 11	YA92977	September 22, 2008	Tagish Lake Gold Corp.	100	
KIR 12	YA92978	September 22, 2008	Tagish Lake Gold Corp.	100	
KIR 13	YA92979	September 22, 2008	Tagish Lake Gold Corp.	100	
KIR 14	YA92980	September 22, 2008	Tagish Lake Gold Corp.	100	
KIR 15	YA92981	September 22, 2008	Tagish Lake Gold Corp.	100	
KIR 16	YA92982	September 22, 2008	Tagish Lake Gold Corp.	100	
KIR 17	YA92983	September 22, 2008	Tagish Lake Gold Corp.	100	
KIR 18	YA92984	September 22, 2008	Tagish Lake Gold Corp.	100	
KIR 19	YA92985	September 22, 2008	Tagish Lake Gold Corp.	100	
KIR 20	YA92986	September 22, 2008	Tagish Lake Gold Corp.	100	
KIR 21	YA92987	September 22, 2008	Tagish Lake Gold Corp.	100	
KIR 22	YA92988	September 22, 2008	Tagish Lake Gold Corp.	100	
KIR 23	YA92989	September 22, 2008	Tagish Lake Gold Corp.	100	
KIR 24	YA92990	September 22, 2008	Tagish Lake Gold Corp.	100	
KIR 25	YA92991	September 22, 2008	Tagish Lake Gold Corp.	100	
KIR 26	YA92992	September 22, 2008	Tagish Lake Gold Corp.	100	
KIR 27	YA92993	September 22, 2007	Tagish Lake Gold Corp.	100	
KIR 28	YA92994	September 22, 2008	Tagish Lake Gold Corp.	100	
KIR 29	YA92995	September 22, 2008	Tagish Lake Gold Corp.	100	
KIR 30	YA92996	September 22, 2008	Tagish Lake Gold Corp.	100	
KIR 31	YA92997	September 22, 2008	Tagish Lake Gold Corp.	100	
KIR 32	YA92998	September 22, 2008	Tagish Lake Gold Corp.	100	
KIR 33	YA92999	September 22, 2008	Tagish Lake Gold Corp.	100	
POP_101	YA93378	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP_102	YA93379	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP_103	YA93382	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP_104	YA93383	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 105	YA93384	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 106	YA93385	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 107	YA93386	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 108	YA93387	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 109	YA93388	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 110	YA93389	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 111	YA93390	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 112	YA93391	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 113	YA93392	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 114	YA93393	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 115	YA93394	December 1, 2007	Tagish Lake Gold Corp.	100	R

R - pending acceptance of assessment credit

Claim Status: Skukum Property

Claim Name	Grant Number	Expiry Date	Owner	%Owned	
POP 116	YA93395	December 1, 2007	Tagish Lake Gold Corp.	100	R
OMNI 1	YA93743	September 22, 2008	Tagish Lake Gold Corp.	100	
OMNI 2	YA93744	September 22, 2010	Tagish Lake Gold Corp.	100	
OMNI 3	YA93745	September 22, 2008	Tagish Lake Gold Corp.	100	
OMNI 4	YA93746	September 22, 2008	Tagish Lake Gold Corp.	100	
OMNI 5	YA93747	September 22, 2008	Tagish Lake Gold Corp.	100	
OMNI 6	YA93748	September 22, 2008	Tagish Lake Gold Corp.	100	
OMNI 7	YA93749	September 22, 2008	Tagish Lake Gold Corp.	100	
OMNI 8	YA93750	September 22, 2008	Tagish Lake Gold Corp.	100	
OMNI 9	YA93751	September 22, 2008	Tagish Lake Gold Corp.	100	
OMNI 10	YA93752	September 22, 2008	Tagish Lake Gold Corp.	100	
OMNI 11	YA93753	September 22, 2008	Tagish Lake Gold Corp.	100	
OMNI 12	YA93754	September 22, 2008	Tagish Lake Gold Corp.	100	
GLEE 1	YA93875	January 1, 2008	Tagish Lake Gold Corp.	100	
GLEE 2	YA93876	January 1, 2008	Tagish Lake Gold Corp.	100	
GLEE 3	YA93877	January 1, 2008	Tagish Lake Gold Corp.	100	
GLEE 4	YA93878	January 1, 2008	Tagish Lake Gold Corp.	100	
GLEE 5	YA93879	January 1, 2008	Tagish Lake Gold Corp.	100	
GLEE 6	YA93880	January 1, 2008	Tagish Lake Gold Corp.	100	
GLEE 7	YA93881	January 1, 2008	Tagish Lake Gold Corp.	100	
GLEE 8	YA93882	January 1, 2008	Tagish Lake Gold Corp.	100	
GLEE 9	YA93883	January 1, 2008	Tagish Lake Gold Corp.	100	
GLEE 10	YA93884	January 1, 2008	Tagish Lake Gold Corp.	100	
GLEE 11	YA93885	January 1, 2008	Tagish Lake Gold Corp.	100	
GLEE 12	YA93886	January 1, 2008	Tagish Lake Gold Corp.	100	
GLEE 16	YA93890	January 1, 2008	Tagish Lake Gold Corp.	100	
GLEE 17	YA93891	January 1, 2008	Tagish Lake Gold Corp.	100	
GLEE 18	YA93892	January 1, 2008	Tagish Lake Gold Corp.	100	
GLEE 19	YA93893	January 1, 2008	Tagish Lake Gold Corp.	100	
GLEE 20	YA93894	January 1, 2008	Tagish Lake Gold Corp.	100	
GLEE 22	YA93896	January 1, 2008	Tagish Lake Gold Corp.	100	
GLEE 37	YA93911	January 1, 2008	Tagish Lake Gold Corp.	100	
GLEE 38	YA93912	January 1, 2008	Tagish Lake Gold Corp.	100	
GLEE 39	YA93913	January 1, 2008	Tagish Lake Gold Corp.	100	
GLEE 40	YA93914	January 1, 2008	Tagish Lake Gold Corp.	100	
GLEE 41	YA93915	January 1, 2008	Tagish Lake Gold Corp.	100	
GLEE 42	YA93916	January 1, 2007	Tagish Lake Gold Corp.	100	
GLEE 43	YA93917	January 1, 2008	Tagish Lake Gold Corp.	100	
GLEE 44	YA93918	January 1, 2008	Tagish Lake Gold Corp.	100	
GLEE 45	YA93919	January 1, 2008	Tagish Lake Gold Corp.	100	
GLEE 46	YA93920	January 1, 2008	Tagish Lake Gold Corp.	100	
GLEE 59	YA93993	January 1, 2008	Tagish Lake Gold Corp.	100	
GLEE 60	YA93994	January 1, 2008	Tagish Lake Gold Corp.	100	
GLEE 61	YA93995	January 1, 2008	Tagish Lake Gold Corp.	100	
GLEE 62	YA93996	January 1, 2008	Tagish Lake Gold Corp.	100	
GLEE 63	YA93997	January 1, 2008	Tagish Lake Gold Corp.	100	
GLEE 64	YA93998	January 1, 2008	Tagish Lake Gold Corp.	100	
GLEE 65	YA93999	January 1, 2008	Tagish Lake Gold Corp.	100	
GLEE 66	YA94000	January 1, 2007	Tagish Lake Gold Corp.	100	R
GLEE 67	YA94001	January 1, 2007	Tagish Lake Gold Corp.	100	R
GLEE 68	YA94002	January 1, 2007	Tagish Lake Gold Corp.	100	R
GLEE 69	YA94003	January 1, 2007	Tagish Lake Gold Corp.	100	
GLEE 70	YA94004	January 1, 2007	Tagish Lake Gold Corp.	100	
GLEE 71	YA94005	January 1, 2008	Tagish Lake Gold Corp.	100	
GLEE 72	YA94006	January 1, 2008	Tagish Lake Gold Corp.	100	
GLEE 73	YA94007	January 1, 2008	Tagish Lake Gold Corp.	100	
GLEE 74	YA94008	January 1, 2008	Tagish Lake Gold Corp.	100	
GLEE 75	YA94009	January 1, 2008	Tagish Lake Gold Corp.	100	
GLEE 76	YA94010	January 1, 2008	Tagish Lake Gold Corp.	100	
GLEE 77	YA94011	January 1, 2008	Tagish Lake Gold Corp.	100	
GLEE 78	YA94012	January 1, 2008	Tagish Lake Gold Corp.	100	
GLEE 79	YA94013	January 1, 2007	Tagish Lake Gold Corp.	100	R

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Claim Status: Skukum Property

Claim Name	Grant Number	Expiry Date	Owner	%Owned	
GLEE 80	YA94014	January 1, 2007	Tagish Lake Gold Corp.	100	R
MB 1	YA94610	December 1, 2007	Tagish Lake Gold Corp.	100	R
MB 2	YA94611	December 1, 2007	Tagish Lake Gold Corp.	100	R
MB 3	YA94612	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 117	YA94672	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 118	YA94673	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 119	YA94674	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 120	YA94675	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 121	YA94676	December 1, 2007	Tagish Lake Gold Corp.	100	R
POP 122	YA94677	December 1, 2007	Tagish Lake Gold Corp.	100	R
BERG 1	YB07446	December 1, 2007	Tagish Lake Gold Corp.	100	R
BERG 2	YB07447	December 1, 2007	Tagish Lake Gold Corp.	100	R
BERG 3	YB07448	December 1, 2007	Tagish Lake Gold Corp.	100	R
BERG 4	YB07449	December 1, 2007	Tagish Lake Gold Corp.	100	R
BERG 5	YB07450	December 1, 2007	Tagish Lake Gold Corp.	100	R
BERG 6	YB07451	December 1, 2007	Tagish Lake Gold Corp.	100	R
BERG 7	YB07452	December 1, 2007	Tagish Lake Gold Corp.	100	R
BERG 8	YB07453	December 1, 2007	Tagish Lake Gold Corp.	100	R
BERG 9	YB07454	December 1, 2007	Tagish Lake Gold Corp.	100	R
BERG 10	YB07455	December 1, 2007	Tagish Lake Gold Corp.	100	R
BERG 11	YB07456	December 1, 2007	Tagish Lake Gold Corp.	100	R
BERG 12	YB07457	December 1, 2007	Tagish Lake Gold Corp.	100	R
BERG 15	YB07460	December 1, 2007	Tagish Lake Gold Corp.	100	R
BERG 16	YB07461	December 1, 2007	Tagish Lake Gold Corp.	100	R
BERG 21	YB07466	December 1, 2007	Tagish Lake Gold Corp.	100	R
BERG 22	YB07467	December 1, 2007	Tagish Lake Gold Corp.	100	R
BERG 29	YB07474	December 1, 2007	Tagish Lake Gold Corp.	100	R
BERG 30	YB07475	December 1, 2007	Tagish Lake Gold Corp.	100	R
BERG 31	YB07476	December 1, 2007	Tagish Lake Gold Corp.	100	R
BERG 32	YB07477	December 1, 2007	Tagish Lake Gold Corp.	100	R
BERG 33	YB07478	December 1, 2007	Tagish Lake Gold Corp.	100	R
BERG 34	YB07479	December 1, 2007	Tagish Lake Gold Corp.	100	R
BERG 35	YB07480	December 1, 2007	Tagish Lake Gold Corp.	100	R
BERG 36	YB07481	December 1, 2007	Tagish Lake Gold Corp.	100	R
BERG 37	YB07482	December 1, 2007	Tagish Lake Gold Corp.	100	R
BERG 38	YB07483	December 1, 2007	Tagish Lake Gold Corp.	100	R
BERG 39	YB07484	December 1, 2007	Tagish Lake Gold Corp.	100	R
BERG 40	YB07485	December 1, 2007	Tagish Lake Gold Corp.	100	R
BERG 41	YB07486	December 1, 2007	Tagish Lake Gold Corp.	100	R
BERG 42	YB07487	December 1, 2007	Tagish Lake Gold Corp.	100	R
BERG 43	YB07488	December 1, 2007	Tagish Lake Gold Corp.	100	R
BERG 44	YB07489	December 1, 2007	Tagish Lake Gold Corp.	100	R
BERG 45	YB07490	December 1, 2007	Tagish Lake Gold Corp.	100	R
BERG 54	YB07499	December 1, 2007	Tagish Lake Gold Corp.	100	R
BERG 56	YB07501	December 1, 2007	Tagish Lake Gold Corp.	100	R
BERG 58	YB07503	December 1, 2007	Tagish Lake Gold Corp.	100	R
BERG 60	YB07505	December 1, 2007	Tagish Lake Gold Corp.	100	R
BERG 62	YB07507	December 1, 2007	Tagish Lake Gold Corp.	100	R
BERG 64	YB07509	December 1, 2007	Tagish Lake Gold Corp.	100	R
BERG 66	YB07511	December 1, 2007	Tagish Lake Gold Corp.	100	R
BERG 68	YB07513	December 1, 2007	Tagish Lake Gold Corp.	100	R
BERG 70	YB07515	December 1, 2007	Tagish Lake Gold Corp.	100	R
BERG 72	YB07517	December 1, 2007	Tagish Lake Gold Corp.	100	R
BERG 74	YB07519	December 1, 2007	Tagish Lake Gold Corp.	100	R
BERG 76	YB07521	December 1, 2007	Tagish Lake Gold Corp.	100	R
BERG 78	YB07523	December 1, 2007	Tagish Lake Gold Corp.	100	R
BERG 80	YB07525	December 1, 2007	Tagish Lake Gold Corp.	100	R
BERG 82	YB07527	December 1, 2007	Tagish Lake Gold Corp.	100	R
BERG 84	YB07529	December 1, 2007	Tagish Lake Gold Corp.	100	R
BERG 86	YB07531	December 1, 2007	Tagish Lake Gold Corp.	100	R
BERG 88	YB07533	December 1, 2007	Tagish Lake Gold Corp.	100	R
BERG 90	YB07535	December 1, 2007	Tagish Lake Gold Corp.	100	R

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Claim Status: Skukum Property

Claim Name	Grant Number	Expiry Date	Owner	%Owned	
BERG 92	YB07537	December 1, 2007	Tagish Lake Gold Corp.	100	R
BERG 94	YB07539	December 1, 2007	Tagish Lake Gold Corp.	100	R
BERG 95	YB07540	December 1, 2007	Tagish Lake Gold Corp.	100	R
BERG 152	YB07597	December 1, 2007	Tagish Lake Gold Corp.	100	R
BERG 153	YB07598	December 1, 2007	Tagish Lake Gold Corp.	100	R
BERG 154	YB07599	December 1, 2007	Tagish Lake Gold Corp.	100	R
BERG 156	YB07601	December 1, 2007	Tagish Lake Gold Corp.	100	R
BERG 157	YB07602	December 1, 2007	Tagish Lake Gold Corp.	100	R
BERG 158	YB07603	December 1, 2007	Tagish Lake Gold Corp.	100	R
BERG 159	YB07604	December 1, 2007	Tagish Lake Gold Corp.	100	R
BERG 160	YB07605	December 1, 2007	Tagish Lake Gold Corp.	100	R
TECH 6	YB26465	December 1, 2004	Tagish Lake Gold Corp.	100	
TM 1	YB66866	May 27, 2008	Tagish Lake Gold Corp.	100	
TM 2	YB66867	May 27, 2008	Tagish Lake Gold Corp.	100	
TM 3	YB66868	May 27, 2008	Tagish Lake Gold Corp.	100	
TM 4	YB66869	May 27, 2008	Tagish Lake Gold Corp.	100	
TM 5	YB66870	May 27, 2008	Tagish Lake Gold Corp.	100	
TM 6	YB66871	May 27, 2008	Tagish Lake Gold Corp.	100	
TM 7	YB66872	May 27, 2008	Tagish Lake Gold Corp.	100	
TM 8	YB66873	May 27, 2008	Tagish Lake Gold Corp.	100	
TM 9	YB66874	May 27, 2008	Tagish Lake Gold Corp.	100	
TM 10	YB66875	May 27, 2008	Tagish Lake Gold Corp.	100	
TM 11	YB66876	May 27, 2008	Tagish Lake Gold Corp.	100	
TM 12	YB66877	May 27, 2008	Tagish Lake Gold Corp.	100	
TM 13	YB66878	May 27, 2008	Tagish Lake Gold Corp.	100	
TM 14	YB66879	May 27, 2008	Tagish Lake Gold Corp.	100	
TM 16	YB66881	May 27, 2008	Tagish Lake Gold Corp.	100	
TM 17	YB66882	May 27, 2008	Tagish Lake Gold Corp.	100	
TM 18	YB66883	May 27, 2008	Tagish Lake Gold Corp.	100	
TM 19	YB66884	May 27, 2008	Tagish Lake Gold Corp.	100	
TM 20	YB66885	May 27, 2008	Tagish Lake Gold Corp.	100	
TM 22	YB66886	May 27, 2008	Tagish Lake Gold Corp.	100	
TM 23	YB66887	May 27, 2008	Tagish Lake Gold Corp.	100	
TM 24	YB66888	May 27, 2008	Tagish Lake Gold Corp.	100	
TM 25	YB66889	May 27, 2008	Tagish Lake Gold Corp.	100	
TM 26	YB66890	May 27, 2008	Tagish Lake Gold Corp.	100	
TM 27	YB66891	May 27, 2008	Tagish Lake Gold Corp.	100	
TM 28	YB66892	May 27, 2008	Tagish Lake Gold Corp.	100	
TM 29	YB66893	May 27, 2008	Tagish Lake Gold Corp.	100	
TM 30	YB66894	May 27, 2008	Tagish Lake Gold Corp.	100	
TM 31	YB66895	May 27, 2008	Tagish Lake Gold Corp.	100	
TM 32	YB66896	May 27, 2008	Tagish Lake Gold Corp.	100	
TM 35	YB66899	May 27, 2008	Tagish Lake Gold Corp.	100	
TM 36	YB66900	May 27, 2008	Tagish Lake Gold Corp.	100	
TM 37	YB66901	May 27, 2008	Tagish Lake Gold Corp.	100	
TM 38	YB66902	May 27, 2008	Tagish Lake Gold Corp.	100	
TM 39	YB66903	May 27, 2008	Tagish Lake Gold Corp.	100	
TM 40	YB66904	May 27, 2008	Tagish Lake Gold Corp.	100	
TM 41	YB66905	May 27, 2008	Tagish Lake Gold Corp.	100	
TM 42	YB66906	May 27, 2008	Tagish Lake Gold Corp.	100	
TM 43	YB66907	May 27, 2008	Tagish Lake Gold Corp.	100	
TM 44	YB66908	May 27, 2008	Tagish Lake Gold Corp.	100	
TM 45	YB66909	May 27, 2008	Tagish Lake Gold Corp.	100	
TM 46	YB66910	May 27, 2008	Tagish Lake Gold Corp.	100	
TM 47	YB66911	May 27, 2008	Tagish Lake Gold Corp.	100	
TM 48	YB66912	May 27, 2008	Tagish Lake Gold Corp.	100	
TM 49	YB66913	May 27, 2008	Tagish Lake Gold Corp.	100	
TM 50	YB66914	May 27, 2008	Tagish Lake Gold Corp.	100	
TM 51	YB66915	May 27, 2008	Tagish Lake Gold Corp.	100	
TM 52	YB66916	May 27, 2008	Tagish Lake Gold Corp.	100	
TM 53	YB66917	May 27, 2008	Tagish Lake Gold Corp.	100	
TM 54	YB66918	May 27, 2008	Tagish Lake Gold Corp.	100	

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Claim Status: Skukum Property

Claim Name	Grant Number	Expiry Date	Owner	%Owned
TM 55	YB66919	May 27, 2008	Tagish Lake Gold Corp.	100
TM 56	YB66920	May 27, 2008	Tagish Lake Gold Corp.	100
TM 57	YB66921	May 27, 2008	Tagish Lake Gold Corp.	100
TM 58	YB66922	May 27, 2008	Tagish Lake Gold Corp.	100
TM 59	YB66923	May 27, 2008	Tagish Lake Gold Corp.	100
TM 60	YB66924	May 27, 2008	Tagish Lake Gold Corp.	100
TM 61	YB66925	May 27, 2008	Tagish Lake Gold Corp.	100
TM 62	YB66926	May 27, 2008	Tagish Lake Gold Corp.	100
TM 63	YB66927	May 27, 2008	Tagish Lake Gold Corp.	100
TM 64	YB66928	May 27, 2008	Tagish Lake Gold Corp.	100
TM 65	YB66929	May 27, 2008	Tagish Lake Gold Corp.	100
TM 66	YB66930	May 27, 2008	Tagish Lake Gold Corp.	100
TM 67	YB66931	May 27, 2008	Tagish Lake Gold Corp.	100
TM 68	YB66932	May 27, 2008	Tagish Lake Gold Corp.	100
TM 69	YB66933	May 27, 2008	Tagish Lake Gold Corp.	100
TM 70	YB66934	May 27, 2008	Tagish Lake Gold Corp.	100
TM 71	YB66935	May 27, 2008	Tagish Lake Gold Corp.	100
TM 72	YB66936	May 27, 2008	Tagish Lake Gold Corp.	100
TM 73	YB66937	May 27, 2008	Tagish Lake Gold Corp.	100
TM 74	YB66938	May 27, 2008	Tagish Lake Gold Corp.	100
TM 75	YB66939	May 27, 2008	Tagish Lake Gold Corp.	100
TM 76	YB66940	May 27, 2008	Tagish Lake Gold Corp.	100
TM 77	YB66941	May 27, 2008	Tagish Lake Gold Corp.	100
TM 78	YB66942	May 27, 2008	Tagish Lake Gold Corp.	100
TM 79	YB66943	May 27, 2008	Tagish Lake Gold Corp.	100
TM 80	YB66944	May 27, 2008	Tagish Lake Gold Corp.	100
TM 81	YB66945	May 27, 2008	Tagish Lake Gold Corp.	100
TM 82	YB66946	May 27, 2008	Tagish Lake Gold Corp.	100
TM 83	YB66947	May 27, 2008	Tagish Lake Gold Corp.	100
TM 84	YB66948	May 27, 2008	Tagish Lake Gold Corp.	100
TM 85	YB66949	May 27, 2008	Tagish Lake Gold Corp.	100
TM 86	YB66950	May 27, 2008	Tagish Lake Gold Corp.	100
TM 87	YB66951	May 27, 2008	Tagish Lake Gold Corp.	100
TM 88	YB66952	May 27, 2008	Tagish Lake Gold Corp.	100
TM 89	YB66953	May 27, 2008	Tagish Lake Gold Corp.	100
TM 90	YB66954	May 27, 2008	Tagish Lake Gold Corp.	100
TM 91	YB66955	May 27, 2008	Tagish Lake Gold Corp.	100
TM 92	YB66956	May 27, 2008	Tagish Lake Gold Corp.	100
TM 93	YB66957	May 27, 2008	Tagish Lake Gold Corp.	100
TM 94	YB66958	May 27, 2008	Tagish Lake Gold Corp.	100
TM 95	YB66959	May 27, 2008	Tagish Lake Gold Corp.	100
TM 96	YB66960	May 27, 2008	Tagish Lake Gold Corp.	100
TM 97	YB66961	May 27, 2008	Tagish Lake Gold Corp.	100
TM 98	YB66962	May 27, 2008	Tagish Lake Gold Corp.	100
TM 99	YB66963	May 27, 2008	Tagish Lake Gold Corp.	100
TM 100	YB66964	May 27, 2008	Tagish Lake Gold Corp.	100
TM 101	YB66965	May 27, 2008	Tagish Lake Gold Corp.	100
TM 102	YB66966	May 27, 2008	Tagish Lake Gold Corp.	100
TM 103	YB66967	May 27, 2008	Tagish Lake Gold Corp.	100
TM 104	YB66968	May 27, 2008	Tagish Lake Gold Corp.	100
TM 105	YB66969	May 27, 2008	Tagish Lake Gold Corp.	100
TM 106	YB66970	May 27, 2008	Tagish Lake Gold Corp.	100
TM 107	YB66971	May 27, 2008	Tagish Lake Gold Corp.	100
TM 108	YB66972	May 27, 2008	Tagish Lake Gold Corp.	100
TM 109	YB66973	May 27, 2008	Tagish Lake Gold Corp.	100
TM 110	YB66974	May 27, 2008	Tagish Lake Gold Corp.	100
TM 111	YB66975	May 27, 2008	Tagish Lake Gold Corp.	100
TM 112	YB66976	May 27, 2008	Tagish Lake Gold Corp.	100
TM 113	YB66977	May 27, 2008	Tagish Lake Gold Corp.	100
TM 114	YB66978	May 27, 2008	Tagish Lake Gold Corp.	100
TM 115	YB66979	May 27, 2008	Tagish Lake Gold Corp.	100
TM 116	YB66980	May 27, 2008	Tagish Lake Gold Corp.	100

R - pending acceptance of assessment credit

Claim Status: Skukum Property

Claim Name	Grant Number	Expiry Date	Owner	%Owned	
TM 117	YB66981	May 27, 2008	Tagish Lake Gold Corp.	100	
DG 1	YB66982	December 1, 2008	Tagish Lake Gold Corp.	100	
DG 2	YB66983	December 1, 2008	Tagish Lake Gold Corp.	100	
DG 3	YB66984	December 1, 2008	Tagish Lake Gold Corp.	100	
DG 4	YB66985	December 1, 2008	Tagish Lake Gold Corp.	100	
DG 5	YB66986	December 1, 2008	Tagish Lake Gold Corp.	100	
DG 6	YB66987	December 1, 2008	Tagish Lake Gold Corp.	100	
DG 7	YB66988	December 1, 2008	Tagish Lake Gold Corp.	100	
DG 8	YB66989	December 1, 2007	Tagish Lake Gold Corp.	100	R
DG 9	YB66990	December 1, 2008	Tagish Lake Gold Corp.	100	
DG 10	YB66991	December 1, 2008	Tagish Lake Gold Corp.	100	
DG 11	YB66992	December 1, 2008	Tagish Lake Gold Corp.	100	
DG 12	YB66993	December 1, 2008	Tagish Lake Gold Corp.	100	
DG 13	YB66994	December 1, 2008	Tagish Lake Gold Corp.	100	
DG 14	YB66995	December 1, 2007	Tagish Lake Gold Corp.	100	R
DG 15	YB66996	December 1, 2008	Tagish Lake Gold Corp.	100	
DG 16	YB66997	December 1, 2008	Tagish Lake Gold Corp.	100	
DG 17	YB66998	December 1, 2008	Tagish Lake Gold Corp.	100	
DG 18	YB66999	December 1, 2008	Tagish Lake Gold Corp.	100	
DG 19	YB67000	December 1, 2008	Tagish Lake Gold Corp.	100	
DG 20	YB67001	December 1, 2008	Tagish Lake Gold Corp.	100	
DG 21	YB67002	December 1, 2008	Tagish Lake Gold Corp.	100	
DG 22	YB67003	December 1, 2008	Tagish Lake Gold Corp.	100	
LB 1	YB67028	May 27, 2008	Tagish Lake Gold Corp.	100	
LB 2	YB67029	May 27, 2008	Tagish Lake Gold Corp.	100	
LB 3	YB67030	May 27, 2008	Tagish Lake Gold Corp.	100	
LB 4	YB67031	May 27, 2008	Tagish Lake Gold Corp.	100	
LB 5	YB67032	May 27, 2008	Tagish Lake Gold Corp.	100	
LB 6	YB67033	May 27, 2008	Tagish Lake Gold Corp.	100	
LB 7	YB67034	May 27, 2008	Tagish Lake Gold Corp.	100	
LB 8	YB67035	May 27, 2008	Tagish Lake Gold Corp.	100	
LB 9	YB67036	May 27, 2008	Tagish Lake Gold Corp.	100	
LB 10	YB67037	May 27, 2008	Tagish Lake Gold Corp.	100	
LB 11	YB67038	May 27, 2008	Tagish Lake Gold Corp.	100	
LB 12	YB67039	May 27, 2008	Tagish Lake Gold Corp.	100	
LB 13	YB67040	May 27, 2008	Tagish Lake Gold Corp.	100	
LB 14	YB67041	May 27, 2008	Tagish Lake Gold Corp.	100	
LB 15	YB67042	May 27, 2008	Tagish Lake Gold Corp.	100	
LB 16	YB67043	May 27, 2008	Tagish Lake Gold Corp.	100	
LB 17	YB67044	May 27, 2008	Tagish Lake Gold Corp.	100	
LB 18	YB67045	May 27, 2008	Tagish Lake Gold Corp.	100	
LB 19	YB67046	May 27, 2007	Tagish Lake Gold Corp.	100	
LB 20	YB67047	May 27, 2008	Tagish Lake Gold Corp.	100	
LB 21	YB67048	May 27, 2008	Tagish Lake Gold Corp.	100	
LB 22	YB67049	May 27, 2008	Tagish Lake Gold Corp.	100	
LB 23	YB67050	May 27, 2008	Tagish Lake Gold Corp.	100	
LB 24	YB67051	May 27, 2008	Tagish Lake Gold Corp.	100	
LB 25	YB67052	May 27, 2008	Tagish Lake Gold Corp.	100	
LB 26	YB67053	May 27, 2008	Tagish Lake Gold Corp.	100	
LB 27	YB67054	May 27, 2008	Tagish Lake Gold Corp.	100	
MIL 1	YB67166	December 1, 2008	Tagish Lake Gold Corp.	100	
MIL 2	YB67167	December 1, 2008	Tagish Lake Gold Corp.	100	
MIL 3	YB67168	December 1, 2008	Tagish Lake Gold Corp.	100	
MIL 4	YB67169	December 1, 2008	Tagish Lake Gold Corp.	100	
MIL 5	YB67170	December 1, 2008	Tagish Lake Gold Corp.	100	
MIL 6	YB67171	December 1, 2007	Tagish Lake Gold Corp.	100	R
MIL 7	YB67172	December 1, 2008	Tagish Lake Gold Corp.	100	R
MIL 8	YB67173	December 1, 2007	Tagish Lake Gold Corp.	100	R
MIL 9	YB67174	December 1, 2008	Tagish Lake Gold Corp.	100	R
MIL 10	YB67175	December 1, 2007	Tagish Lake Gold Corp.	100	R
MIL 11	YB67176	December 1, 2007	Tagish Lake Gold Corp.	100	R
MIL 12	YB67177	December 1, 2007	Tagish Lake Gold Corp.	100	R

R - pending acceptance of assessment credit

Claim Status: Skukum Property

Claim Name	Grant Number	Expiry Date	Owner	%Owned	
MIL 13	YB67178	December 1, 2007	Tagish Lake Gold Corp.	100	R
MIL 14	YB67179	December 1, 2007	Tagish Lake Gold Corp.	100	R
MIL 15	YB67180	December 1, 2007	Tagish Lake Gold Corp.	100	R
MIL 16	YB67181	December 1, 2007	Tagish Lake Gold Corp.	100	R
MIL 17	YB67182	December 1, 2007	Tagish Lake Gold Corp.	100	R
MIL 18	YB67183	December 1, 2007	Tagish Lake Gold Corp.	100	R
MIL 19	YB67184	December 1, 2007	Tagish Lake Gold Corp.	100	R
MIL 20	YB67185	December 1, 2007	Tagish Lake Gold Corp.	100	R
MIL 21	YB67186	December 1, 2007	Tagish Lake Gold Corp.	100	R
MIL 22	YB67187	December 1, 2007	Tagish Lake Gold Corp.	100	R
MIL 23	YB67188	December 1, 2007	Tagish Lake Gold Corp.	100	R
MIL 24	YB67189	December 1, 2007	Tagish Lake Gold Corp.	100	R
MIL 25	YB67190	December 1, 2007	Tagish Lake Gold Corp.	100	R
MIL 26	YB67191	December 1, 2007	Tagish Lake Gold Corp.	100	R
MIL 27	YB67192	December 1, 2007	Tagish Lake Gold Corp.	100	R
MIL 28	YB67193	December 1, 2007	Tagish Lake Gold Corp.	100	R
MIL 29	YB67194	December 1, 2007	Tagish Lake Gold Corp.	100	R
MIL 30	YB67195	December 1, 2007	Tagish Lake Gold Corp.	100	R
MIL 31	YB67196	December 1, 2007	Tagish Lake Gold Corp.	100	R
MIL 32	YB67197	December 1, 2007	Tagish Lake Gold Corp.	100	R
MIL 33	YB67198	December 1, 2007	Tagish Lake Gold Corp.	100	R
MIL 34	YB67199	December 1, 2007	Tagish Lake Gold Corp.	100	R
MIL 35	YB67200	December 1, 2007	Tagish Lake Gold Corp.	100	R
MIL 36	YB67201	December 1, 2007	Tagish Lake Gold Corp.	100	R
MIL 37	YB67202	December 1, 2007	Tagish Lake Gold Corp.	100	R
MIL 38	YB67203	December 1, 2007	Tagish Lake Gold Corp.	100	R
MIL 39	YB67204	December 1, 2007	Tagish Lake Gold Corp.	100	R
MIL 40	YB67205	December 1, 2007	Tagish Lake Gold Corp.	100	R
MIL 41	YB67206	December 1, 2007	Tagish Lake Gold Corp.	100	R
MIL 42	YB67207	December 1, 2007	Tagish Lake Gold Corp.	100	R
MIL 43	YB67208	December 1, 2007	Tagish Lake Gold Corp.	100	R
MIL 44	YB67209	December 1, 2007	Tagish Lake Gold Corp.	100	R
MIL 45	YB67210	December 1, 2007	Tagish Lake Gold Corp.	100	R
MIL 46	YB67211	December 1, 2007	Tagish Lake Gold Corp.	100	R
MIL 47	YB67212	December 1, 2007	Tagish Lake Gold Corp.	100	R
MIL 48	YB67213	December 1, 2007	Tagish Lake Gold Corp.	100	R
MIL 49	YB67214	December 1, 2007	Tagish Lake Gold Corp.	100	R
MIL 50	YB67215	December 1, 2007	Tagish Lake Gold Corp.	100	R
MIL 51	YB67216	December 1, 2007	Tagish Lake Gold Corp.	100	R
MIL 52	YB67217	December 1, 2007	Tagish Lake Gold Corp.	100	R
MIL 53	YB67218	December 1, 2007	Tagish Lake Gold Corp.	100	R
MIL 54	YB67219	December 1, 2007	Tagish Lake Gold Corp.	100	R
MIL 55	YB67220	December 1, 2007	Tagish Lake Gold Corp.	100	R
MIL 56	YB67221	December 1, 2007	Tagish Lake Gold Corp.	100	R
MIL 57	YB67222	December 1, 2007	Tagish Lake Gold Corp.	100	R
MIL 58	YB67223	December 1, 2007	Tagish Lake Gold Corp.	100	R
MIL 59	YB67224	December 1, 2007	Tagish Lake Gold Corp.	100	R
MIL 60	YB67225	December 1, 2007	Tagish Lake Gold Corp.	100	R
MIL 61	YB67226	December 1, 2007	Tagish Lake Gold Corp.	100	R
MIL 62	YB67227	December 1, 2007	Tagish Lake Gold Corp.	100	R
MIL 63	YB67228	December 1, 2007	Tagish Lake Gold Corp.	100	R
MIL 64	YB67229	December 1, 2007	Tagish Lake Gold Corp.	100	R
MIL 65	YB67230	December 1, 2007	Tagish Lake Gold Corp.	100	R
MIL 66	YB67231	December 1, 2007	Tagish Lake Gold Corp.	100	R
MIL 67	YB67232	December 1, 2007	Tagish Lake Gold Corp.	100	R
MIL 68	YB67233	December 1, 2007	Tagish Lake Gold Corp.	100	R
MIL 69	YB67234	December 1, 2007	Tagish Lake Gold Corp.	100	R
TECH 14	YB97763	December 1, 2004	Tagish Lake Gold Corp.	100	
TECH 5	YB97764	December 1, 2004	Tagish Lake Gold Corp.	100	
KUKU 22	YB97767	June 18, 2008	Tagish Lake Gold Corp.	100	
PUP 29	YB97801	June 26, 2007	Tagish Lake Gold Corp.	100	R
PUP 30	YB97802	June 26, 2006	Tagish Lake Gold Corp.	100	

R - pending acceptance of assessment credit

Claim Status: Skukum Property

Claim Name	Grant Number	Expiry Date	Owner	%Owned	
TM 118	YC07981	July 28, 2008	Tagish Lake Gold Corp.	100	
TM 119	YC07982	July 28, 2008	Tagish Lake Gold Corp.	100	
TM 120	YC07983	July 28, 2008	Tagish Lake Gold Corp.	100	
TM 121	YC07984	July 28, 2008	Tagish Lake Gold Corp.	100	
TM 122	YC07985	July 28, 2008	Tagish Lake Gold Corp.	100	
TM 123	YC07986	July 28, 2008	Tagish Lake Gold Corp.	100	
TM 124	YC07987	July 28, 2004	Tagish Lake Gold Corp.	100	
TM 125	YC07988	July 28, 2004	Tagish Lake Gold Corp.	100	
TM 126	YC07989	July 28, 2008	Tagish Lake Gold Corp.	100	
TM 127	YC07990	July 28, 2007	Tagish Lake Gold Corp.	100	R
TM 128	YC07991	July 28, 2009	Tagish Lake Gold Corp.	100	R
TM 129	YC07992	July 28, 2007	Tagish Lake Gold Corp.	100	R
TM 130	YC07993	July 28, 2008	Tagish Lake Gold Corp.	100	
TM 131	YC07994	July 28, 2007	Tagish Lake Gold Corp.	100	R
TM 132	YC07995	July 28, 2008	Tagish Lake Gold Corp.	100	
TM 133	YC07996	July 28, 2007	Tagish Lake Gold Corp.	100	R
MEK 1	YC09082	September 8, 2007	Tagish Lake Gold Corp.	100	R
MEK 2	YC09083	September 8, 2007	Tagish Lake Gold Corp.	100	R
MEK 3	YC09084	September 8, 2007	Tagish Lake Gold Corp.	100	R
CL 6	YC14135	April 6, 2008	Tagish Lake Gold Corp.	100	
CL 7	YC14136	April 6, 2008	Tagish Lake Gold Corp.	100	
CL 8	YC14137	April 6, 2008	Tagish Lake Gold Corp.	100	
CL 9	YC14138	April 6, 2008	Tagish Lake Gold Corp.	100	
CL 10	YC14139	April 6, 2008	Tagish Lake Gold Corp.	100	
CL 13	YC14140	April 6, 2008	Tagish Lake Gold Corp.	100	
CL 14	YC14141	April 6, 2008	Tagish Lake Gold Corp.	100	
CL 15	YC14142	April 6, 2008	Tagish Lake Gold Corp.	100	
CL 16	YC14143	April 6, 2008	Tagish Lake Gold Corp.	100	
CL 17	YC14144	April 6, 2008	Tagish Lake Gold Corp.	100	
CL 18	YC14145	April 6, 2008	Tagish Lake Gold Corp.	100	
CL 21	YC14148	April 6, 2008	Tagish Lake Gold Corp.	100	
CL 22	YC14149	April 6, 2008	Tagish Lake Gold Corp.	100	
CL 23	YC14150	April 6, 2008	Tagish Lake Gold Corp.	100	
CL 24	YC14151	April 6, 2008	Tagish Lake Gold Corp.	100	
CL 25	YC14152	April 6, 2008	Tagish Lake Gold Corp.	100	
CL 26	YC14153	April 6, 2007	Tagish Lake Gold Corp.	100	R
CL 27	YC14154	April 6, 2007	Tagish Lake Gold Corp.	100	R
CL 29	YC14156	April 6, 2008	Tagish Lake Gold Corp.	100	
CL 30	YC14157	April 6, 2008	Tagish Lake Gold Corp.	100	
CHAR 1	YC18781	August 8, 2008	Tagish Lake Gold Corp.	100	
CHAR 2	YC18782	August 8, 2008	Tagish Lake Gold Corp.	100	
CHAR 3	YC18783	August 8, 2008	Tagish Lake Gold Corp.	100	
CHAR 4	YC18784	August 8, 2008	Tagish Lake Gold Corp.	100	
CHAR 5	YC18785	August 8, 2008	Tagish Lake Gold Corp.	100	
CHAR 6	YC18786	August 8, 2008	Tagish Lake Gold Corp.	100	
CHAR 7	YC18787	August 8, 2008	Tagish Lake Gold Corp.	100	
CHAR 8	YC18788	August 8, 2008	Tagish Lake Gold Corp.	100	
CHAR 9	YC18789	August 8, 2008	Tagish Lake Gold Corp.	100	
CHAR 10	YC18790	August 8, 2008	Tagish Lake Gold Corp.	100	
CHAR 11	YC18791	August 8, 2008	Tagish Lake Gold Corp.	100	
CHAR 12	YC18792	August 8, 2008	Tagish Lake Gold Corp.	100	
CHAR 13	YC18793	August 8, 2008	Tagish Lake Gold Corp.	100	
CHAR 14	YC18794	August 8, 2008	Tagish Lake Gold Corp.	100	
CHAR 15	YC18795	August 8, 2008	Tagish Lake Gold Corp.	100	
CHAR 16	YC18796	August 8, 2008	Tagish Lake Gold Corp.	100	
CHAR 17	YC18797	August 8, 2008	Tagish Lake Gold Corp.	100	
CHAR 18	YC18798	August 8, 2008	Tagish Lake Gold Corp.	100	
CHAR 19	YC18799	August 8, 2008	Tagish Lake Gold Corp.	100	
CHAR 20	YC18800	August 8, 2008	Tagish Lake Gold Corp.	100	
CHAR 21	YC18801	August 8, 2008	Tagish Lake Gold Corp.	100	
CHAR 22	YC18802	August 8, 2008	Tagish Lake Gold Corp.	100	
CHAR 23	YC18803	August 8, 2008	Tagish Lake Gold Corp.	100	

R - pending acceptance of assessment credit

Claim Status: Skukum Property

Claim Name	Grant Number	Expiry Date	Owner	%Owned
CHAR 24	YC18804	August 8, 2008	Tagish Lake Gold Corp.	100
CHAR 25	YC18805	August 8, 2008	Tagish Lake Gold Corp.	100
CHAR 26	YC18806	August 8, 2008	Tagish Lake Gold Corp.	100
CHAR 27	YC18807	August 8, 2008	Tagish Lake Gold Corp.	100
CHAR 28	YC18808	August 8, 2008	Tagish Lake Gold Corp.	100
CHAR 29	YC18809	August 8, 2008	Tagish Lake Gold Corp.	100
CHAR 30	YC18810	August 8, 2008	Tagish Lake Gold Corp.	100
CHAR 31	YC18811	August 8, 2008	Tagish Lake Gold Corp.	100
CHAR 32	YC18812	August 8, 2008	Tagish Lake Gold Corp.	100
CHAR 33	YC18813	August 8, 2008	Tagish Lake Gold Corp.	100
CHAR 34	YC18814	August 8, 2008	Tagish Lake Gold Corp.	100
CHAR 35	YC18815	August 8, 2008	Tagish Lake Gold Corp.	100
CHAR 36	YC18816	August 8, 2008	Tagish Lake Gold Corp.	100
CHAR 37	YC18817	August 8, 2008	Tagish Lake Gold Corp.	100
CHAR 38	YC18818	August 8, 2008	Tagish Lake Gold Corp.	100
CHAR 39	YC18819	August 8, 2008	Tagish Lake Gold Corp.	100
CHAR 40	YC18820	August 8, 2008	Tagish Lake Gold Corp.	100
CHAR 41	YC18821	August 8, 2008	Tagish Lake Gold Corp.	100
CHAR 42	YC18822	August 8, 2008	Tagish Lake Gold Corp.	100
CHAR 43	YC18823	August 8, 2008	Tagish Lake Gold Corp.	100
CHAR 44	YC19347	August 22, 2008	Tagish Lake Gold Corp.	100
CHAR 45	YC19348	August 22, 2008	Tagish Lake Gold Corp.	100
CHAR 46	YC19349	August 22, 2008	Tagish Lake Gold Corp.	100
CHAR 47	YC19350	August 22, 2008	Tagish Lake Gold Corp.	100
CHAR 48	YC19351	August 22, 2008	Tagish Lake Gold Corp.	100
CHAR 49	YC19352	August 22, 2008	Tagish Lake Gold Corp.	100
CHAR 50	YC19353	August 22, 2008	Tagish Lake Gold Corp.	100
CHAR 51	YC19354	August 22, 2008	Tagish Lake Gold Corp.	100
CHAR 52	YC19355	August 22, 2008	Tagish Lake Gold Corp.	100

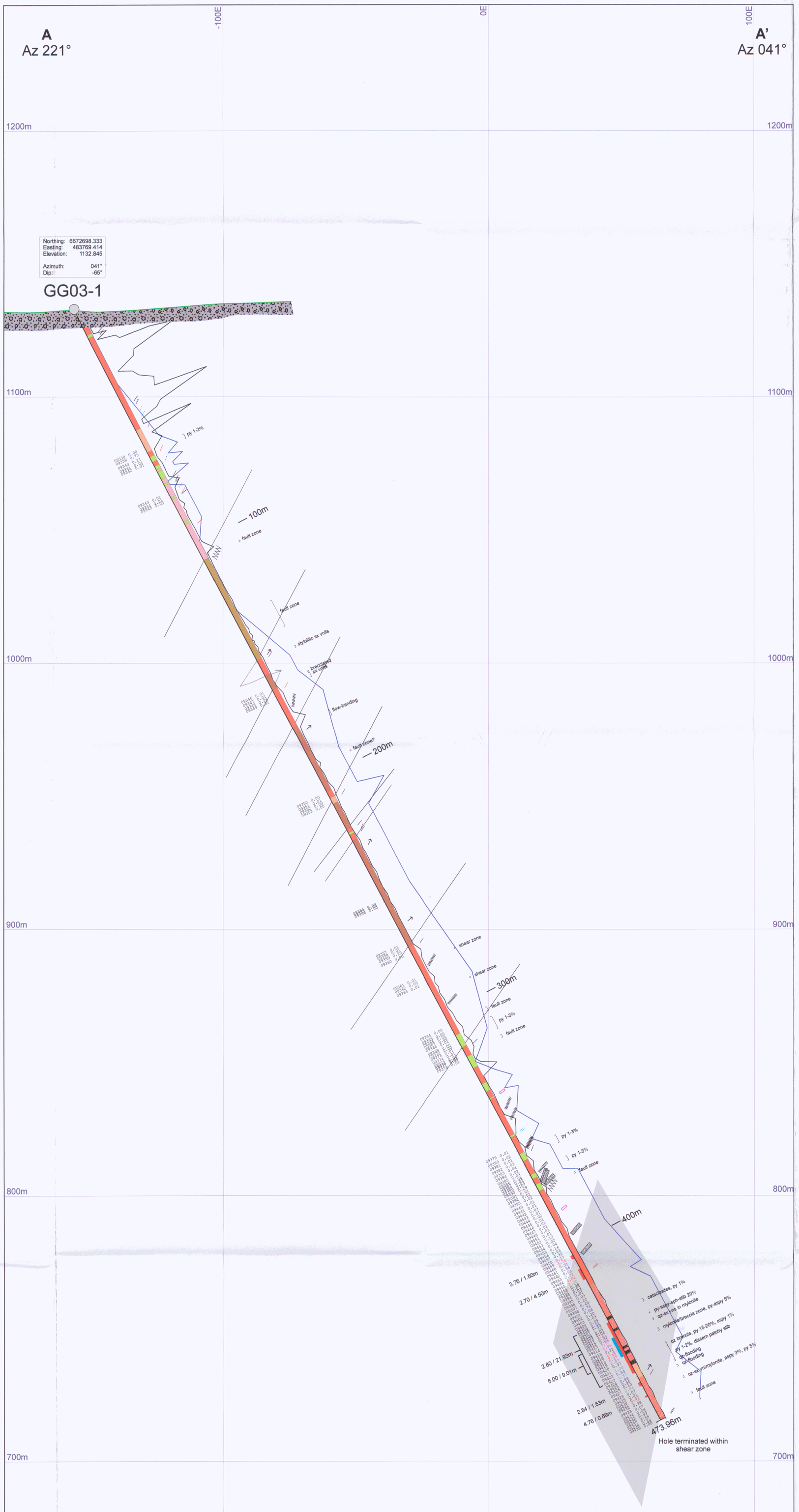
Claim Name	Grant Number	Expiry Date	Owner	%Owned
HO 1	YB95941	July 31, 2005	Tagish Lake Gold Corp.	100
HO 2	YB95942	July 31, 2005	Tagish Lake Gold Corp.	100
HO 3	YB95943	July 31, 2005	Tagish Lake Gold Corp.	100
HO 4	YB95944	July 31, 2005	Tagish Lake Gold Corp.	100
HO 5	YB95945	July 31, 2005	Tagish Lake Gold Corp.	100
HO 6	YB95946	July 31, 2005	Tagish Lake Gold Corp.	100
HO 7	YB95947	July 31, 2005	Tagish Lake Gold Corp.	100
HO 8	YB95948	July 31, 2005	Tagish Lake Gold Corp.	100
HO 9	YB95949	July 31, 2005	Tagish Lake Gold Corp.	100
HO 10	YB95950	July 31, 2005	Tagish Lake Gold Corp.	100
HO 11	YB95951	July 31, 2005	Tagish Lake Gold Corp.	100
HO 12	YB95952	July 31, 2005	Tagish Lake Gold Corp.	100
HO 13	YB95953	July 31, 2005	Tagish Lake Gold Corp.	100
HO 14	YB95954	July 31, 2005	Tagish Lake Gold Corp.	100
HO 15	YB95955	July 31, 2005	Tagish Lake Gold Corp.	100
HO 16	YB95956	July 31, 2005	Tagish Lake Gold Corp.	100
HO 17	YB95957	July 31, 2005	Tagish Lake Gold Corp.	100
HO 18	YB95958	July 31, 2005	Tagish Lake Gold Corp.	100
HO 19	YB95959	July 31, 2005	Tagish Lake Gold Corp.	100
HO 20	YB95960	July 31, 2005	Tagish Lake Gold Corp.	100
HO 21	YB95961	July 31, 2005	Tagish Lake Gold Corp.	100
HO 22	YB95962	July 31, 2005	Tagish Lake Gold Corp.	100
HO 23	YB95963	July 31, 2005	Tagish Lake Gold Corp.	100
HO 24	YB95964	July 31, 2005	Tagish Lake Gold Corp.	100
HO 25	YB95965	July 31, 2005	Tagish Lake Gold Corp.	100
HO 26	YB95966	July 31, 2005	Tagish Lake Gold Corp.	100
HO 27	YB95967	July 31, 2005	Tagish Lake Gold Corp.	100
HO 28	YB95968	July 31, 2005	Tagish Lake Gold Corp.	100
HO 29	YB95969	July 31, 2005	Tagish Lake Gold Corp.	100
HO 30	YB95970	July 31, 2005	Tagish Lake Gold Corp.	100

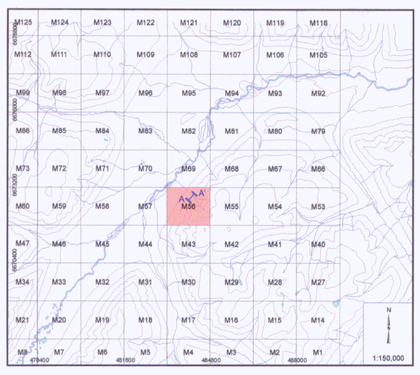
R - pending acceptance of assessment credit

Claim Status: Skukum Property

Claim Name	Grant Number	Expiry Date	Owner	%Owned
CROWN GRANTS				
EXCELSOR	Y05-040301 06010		Tagish Lake Gold Corp.	100
BLACK ROCK	Y05-040301 22010		Tagish Lake Gold Corp.	100
SUBURBAN	Y05-040301 23000		Tagish Lake Gold Corp.	100

R - pending acceptance of assessment credit





LEGEND

GEOLOGY

- Casing, no core recovery
- Fault zone
- Mylonite / cataclasite
- Rhyolite
  - sheared
- Rhyolite: quartz-feldspar porphyry
- Rhyolite: feldspar porphyry
- Andesite
- Felsite
  - sheared
- Quartz monzonite, monzonite
  - sheared
- Granite
- Main shear zone (highest strain and alteration)

SYMBOLS

- Contact
- Breccia
- Cataclasite
- Shear
- Fault
- Flow-banding
- Quartz vein, veinlets
- Quartz-sulphide vein, veinlets
- Carbonate-(quartz) vein, veinlets
- Aplite dyke

- DDH collar and trace
- Sample interval: sample number, Au (g/t)
- Significant intersection (Au g/t): Red ≥ 1 g/t, Blue ≥ 5 g/t
- Magnetic susceptibility
- Alteration intensity

1.19 / 3.63m Au (g/t) over core length (metres)

- Surface profile
- Shear zone boundary

ABBREVIATIONS

100N	Transform grid (Northing)
1600m	Elevation in metres above mean sea level
— 100m	Downhole depth (metres)
aspy	arsenopyrite
py	pyrite
sph	sphalerite
stib	stibnite
sx	sulphide
qz	quartz
K-spar	potassium feldspar
vn	vein
vnlt	veinlet
e.	extremely
v.	very
dissem	disseminated

0 30 60 Metres

Transform Grid 041° Azimuth

TAGISH LAKE GOLD CORP.

DDH CROSS SECTION
GG03-1
Goddell Gully

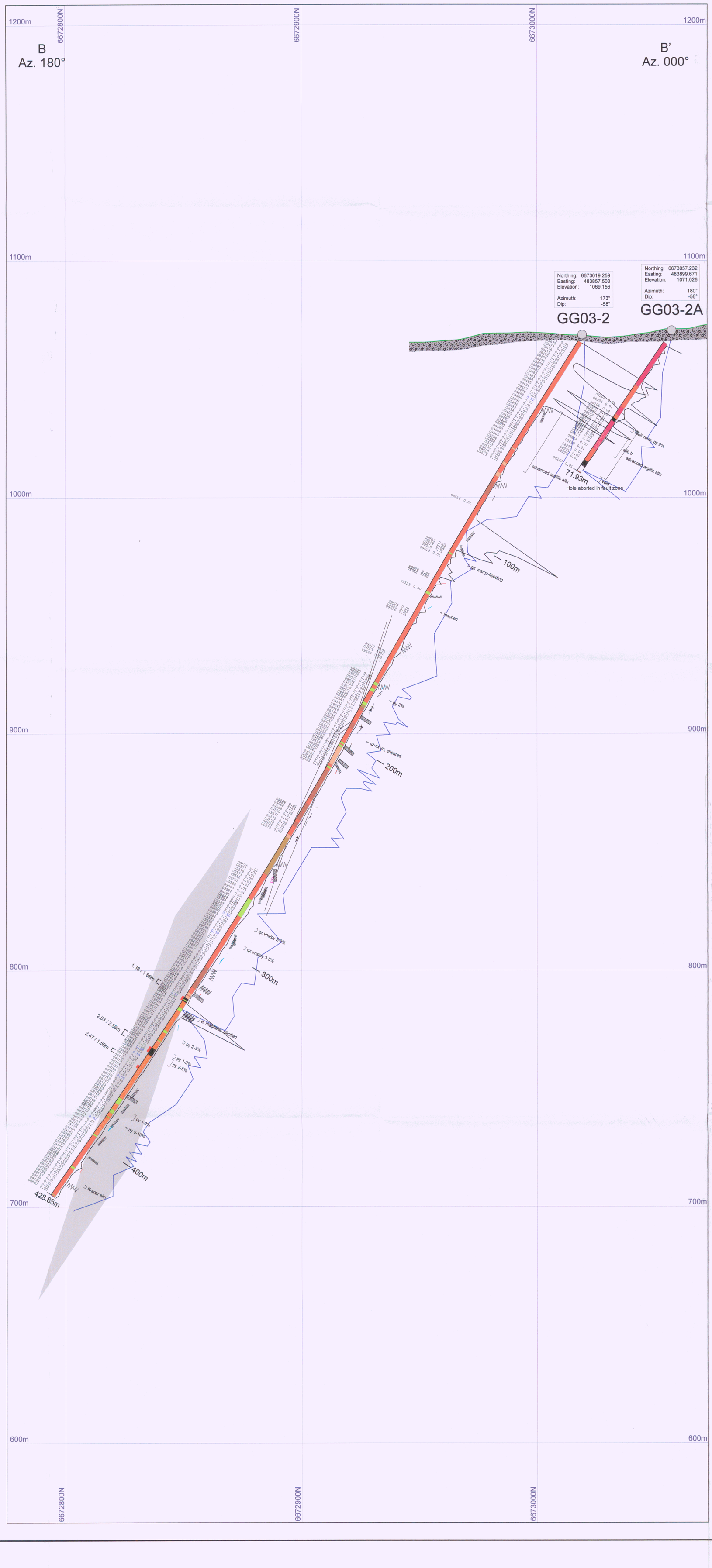
094509

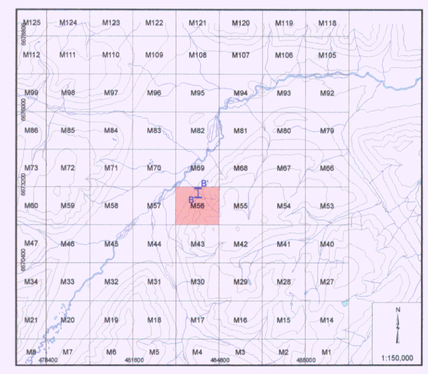
Skukum Project
Whitehorse M.D., Yukon Territory, Canada

Project No.:	P56D	By:	TV
Scale:	1:750	Drawn:	TV
Figure:	8	Date:	May 2004

CME

YUKON ENERGY, MINES & RESOURCES LIBRARY
WHITEHORSE, YUKON Y1A 2C6





LEGEND

GEOLOGY

- Casing, no core recovery
- Fault zone
- Mylonite / cataclasite
- Rhyolite
  - sheared
- Rhyolite: quartz-feldspar porphyry
- Rhyolite: feldspar porphyry
- Andesite
- Felsite
  - sheared
- Quartz monzonite, monzonite
  - sheared
- Granite
- Main shear zone (highest strain and alteration)

SYMBOLS

- Contact
- Breccia
- Cataclasite
- Shear
- Fault
- Flow-banding
- Quartz vein, veinlets
- Quartz-sulphide vein, veinlets
- Carbonate-(quartz) vein, veinlets
- Aplite dyke

- DDH collar and trace
- Sample interval: sample number, Au (g/t)
- Significant intersection (Au g/t): Red ≥ 1 g/t, Blue ≥ 5 g/t
- Magnetic susceptibility
- Alteration intensity

1.19 / 3.63m Au (g/t) over core length (metres)

- Surface profile
- Shear zone boundary

ABBREVIATIONS

6672800N	UTM grid (Northing)
1600m	Elevation in metres above mean sea level
— 100m	Downhole depth (metres)
aspy	arsenopyrite
py	pyrite
sph	sphalerite
stib	stibnite
sx	sulphide
qz	quartz
K-spar	potassium feldspar
vn	vein
vnlt	veinlet
e.	extremely
v.	very
dissem	disseminated

0 30 60 Metres

UTM Grid 180° Azimuth

TAGISH LAKE GOLD CORP.

DDH CROSS SECTION
GG03-2, GG03-2A
Goddell Gully

094599

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

Project No.:	P56D	By:	TV
Scale:	1:750	Drawn:	TV
Figure:	9	Date:	May 2004

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D
Az 280°

D'
Az 100°

4600OE
4800OE
5000OE
5200OE

1200m
1000m
800m

87-PGE2
87-PGE1
88-PG1
87-PG9
87-PG4
87-PG8
90GT-1
87-PG1
90GT-2
87-PG5
87-PG2
90GT-5
90GT-3
90GT-7
90GT-6
87-PG3
90GT-4
88-PG4
88-PG3
88-PG2
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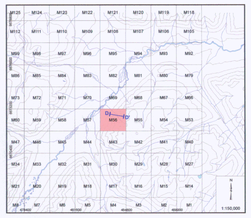
97-65
97-66
97-67
96-28
GG03-1
GG03-2
97-56

Hole terminated within Goddell Shear

Hole probably not drilled deep enough



LEGEND

Historical DDH pierce point
(arrows indicate entry into/exit from shear zone)

2003 DDH pierce point

Significant intersection:
Red: Intersection constrained by >5 g/t Au material
Blue: Intersection constrained by >1 g/t Au material
(Note: intersections may contain <1 g/t Au material)

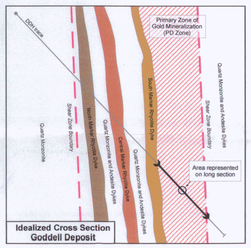
Selected significant intersections: Au (g/t) over core length (m)
11.81/3.14m Corresponds to red bars
1.75/5.75m Corresponds to blue bars

Underground workings *(projected)*

Surface profile

700 E Goddell grid (Easting)

1400m Elevation in metres above mean sea level



0 40 80 Metres
Goddell Grid 100° Azimuth

TAGISH LAKE GOLD CORP.

LONGITUDINAL SECTION
Goddell Gully

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

Project No.:	P56D	By:	TV
Scale:	1:1,000	Drawn:	TV
Figure:	12	Date:	May 2004

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RECEIVED
MAY 10 2004
MINING RECORDER
WHITEHORSE, Y.T.
GOVERNMENT OF YUKON

094509

ASSESSMENT REPORT

GEOLOGICAL, GEOCHEMICAL, DIAMOND DRILLING AND DATA COMPILATION

of the

POP, MOM, TECH, STEN, GLEE, MB BERG, TM, and MIL Mineral Claims

and the

KUKU, PUP, MEK, and CL Mineral Claims

Whitehorse Mining District
Yukon Territory, Canada

Volume II of II

NTS 105D/3, 105D/4
60°11'N
135°17'W

for

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

by

Christopher O. Naas, *P.Geo.*
CME Consulting Ltd.
May 7, 2004

Costs associated with this report have been approved in the amount of $ _____
for assessment credit under Certificate of Work No. QW27655

#2

Mining Recorder
Whitehorse Mining District

CME

This volume contains:

Appendix III: Certificates of Analysis

Appendix IV: Analytical Laboratory Procedures

Appendix V: Core Reprocessing

Appendix VI: Diamond Drilling

Appendix VII: Statement of Costs

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APPENDIX III

CERTIFICATES OF ANALYSIS

a. Drill Core Reprocessing Program Samples
b. Drill Core Samples
c. Check Samples
d. Specific Gravity

APPENDIX III

CERTIFICATES OF ANALYSIS

a. Drill Core Reprocessing Program Samples

(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

CME Consulting Ltd. PROJECT CP56C File # A303912 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	Sample gm
SI	<1	1	3	7	<.3	1	<1	3	.07	2	<8	<2	<2	2	<.5	<3	<3	<1	.08	<.001	<1	1	<.01	27	<.01	<3	<.01	.37	.01	<2	.5	-
09701	<1	2	8	25	<.3	4	5	540	1.29	4	<8	<2	6	175	<.5	20	<3	11	2.37	.032	11	2	.80	959	<.01	<3	.28	.03	.31	<2	1.2	200
09702	<1	2	8	28	<.3	4	5	654	1.24	3	<8	<2	13	133	<.5	4	<3	7	2.32	.053	16	2	.70	872	<.01	<3	.22	.03	.23	<2	.6	1000
09703	81	2	210	402	<.3	1	<1	53	.73	265	11	<2	7	54	11.6	15	<3	<1	.07	.004	10	1	.02	79	<.01	<3	.16	.02	.19	<2	89.7	750
09704	8	2	72	312	<.3	1	<1	81	1.35	522	<8	<2	5	79	5.4	16	<3	1	.07	.003	5	1	.02	74	<.01	3	.16	.02	.18	<2	150.5	350
09705	1	2	12	79	<.3	24	11	851	2.08	76	<8	<2	7	261	.5	7	<3	15	3.13	.045	7	6	1.21	257	<.01	<3	.19	.02	.16	<2	31.4	2600
09706	<1	1	8	77	<.3	16	8	731	1.81	327	<8	<2	12	202	.7	4	<3	8	2.71	.050	13	4	.99	154	<.01	<3	.19	.02	.16	<2	6.5	3300
09707	1	4	6	65	<.3	15	9	752	2.09	359	<8	<2	12	195	.6	8	<3	6	2.55	.060	16	3	.90	128	<.01	<3	.18	.02	.17	<2	13.4	5600
09708	4	2	5	31	<.3	4	4	471	1.23	201	<8	<2	18	133	<.5	4	<3	3	1.63	.034	22	2	.48	194	<.01	<3	.16	.02	.16	<2	13.0	2300
09709	<1	2	4	51	<.3	4	5	582	1.55	577	<8	<2	13	141	<.5	4	<3	4	2.04	.056	15	2	.60	260	<.01	<3	.17	.02	.18	<2	313.4	9200
09710	3	5	5	32	<.3	4	3	567	.99	225	<8	<2	19	95	<.5	4	<3	2	1.41	.029	22	2	.45	257	<.01	<3	.17	.01	.17	<2	156.6	6500
09711	1	5	6	42	<.3	4	4	528	1.16	165	<8	<2	16	139	<.5	4	<3	4	1.89	.039	20	5	.64	96	<.01	<3	.17	.01	.16	<2	47.0	2400
09712	1	8	9	131	.4	38	17	1177	3.17	2216	<8	<2	5	281	1.4	9	<3	16	4.37	.065	5	8	1.81	76	<.01	<3	.22	.02	.20	<2	40.1	1400
09713	16	24	73	64	.7	6	6	967	1.83	522	<8	<2	18	144	.7	15	<3	5	2.33	.060	15	2	.74	228	<.01	<3	.18	.02	.17	<2	204.3	5700
09714	7	15	12	65	<.3	5	7	763	1.72	76	<8	<2	12	170	.7	11	<3	5	2.34	.060	16	2	.67	363	<.01	<3	.21	.03	.18	<2	131.2	4800
09715	1	61	10	124	<.3	52	19	2490	3.61	141	<8	<2	2	280	.5	35	<3	37	4.45	.107	8	17	1.93	296	<.01	<3	.31	.05	.23	<2	6.5	1200
09716	11	10	17	140	.4	37	15	3885	3.17	4199	<8	<2	4	199	.8	22	<3	14	4.48	.067	4	6	1.81	84	<.01	<3	.24	.03	.17	<2	634.8	1500
09717	4	14	46	173	.3	68	21	2047	3.70	78	<8	<2	3	266	1.7	19	<3	23	4.12	.094	5	21	1.81	81	<.01	<3	.31	.03	.20	<2	14.0	3100
09718	1	3	15	102	<.3	7	6	612	1.72	102	<8	<2	14	106	1.0	7	<3	7	1.87	.060	21	3	.58	196	<.01	<3	.18	.02	.17	<2	54.9	2000
09719	1	2	19	52	<.3	6	5	692	1.62	78	<8	<2	13	112	<.5	12	<3	4	2.14	.056	19	2	.60	146	<.01	<3	.18	.02	.17	<2	3.7	1300
09720	8	63	208	313	1.1	34	17	1470	2.75	812	<8	<2	7	170	4.9	70	<3	8	2.51	.072	11	4	.82	104	<.01	<3	.24	.02	.20	<2	277.2	1500
RE 09720	8	64	208	317	1.1	34	18	1479	2.76	805	<8	<2	8	171	5.1	70	<3	8	2.52	.072	10	4	.82	104	<.01	<3	.24	.02	.20	<2	284.4	-
RRE 09720	8	77	250	318	1.6	35	18	1499	2.77	737	<8	<2	8	169	5.1	85	<3	7	2.56	.072	10	4	.84	117	<.01	<3	.24	.02	.20	<2	218.0	-
09721	7	3	97	201	<.3	4	4	1051	1.18	43	<8	<2	10	142	2.8	55	<3	3	1.77	.036	15	2	.46	111	<.01	<3	.20	.02	.18	<2	10.0	800
09722	40	2	83	361	<.3	4	2	436	.85	99	<8	<2	8	100	6.7	17	<3	2	.74	.015	12	1	.19	296	<.01	<3	.18	.02	.17	<2	45.9	1100
09723	8	<1	55	119	<.3	1	<1	385	.54	12	<8	<2	5	33	2.2	11	<3	<1	.08	.002	10	2	.04	65	<.01	<3	.16	.02	.18	<2	10.6	1400
09724	6	1	13	49	<.3	1	1	479	.64	16	<8	<2	6	78	<.5	13	<3	<1	.73	.010	11	1	.09	67	<.01	3	.17	.01	.18	<2	18.4	1700
09725	7	1	14	55	<.3	1	<1	437	.52	13	<8	<2	7	61	<.5	7	3	<1	.41	.004	10	2	.03	60	<.01	<3	.17	.02	.19	<2	10.6	2000
09726	10	3	18	49	<.3	1	<1	243	.63	94	<8	<2	7	46	<.5	5	<3	<1	.28	.006	11	2	.05	120	<.01	<3	.19	.01	.21	<2	376.2	2000
09727	7	4	22	120	<.3	4	1	424	.76	128	<8	<2	7	104	1.1	7	<3	<1	.59	.013	11	1	.13	111	<.01	<3	.19	.02	.19	<2	447.8	1400
09728	7	4	34	108	<.3	1	<1	381	.45	81	<8	<2	6	61	.9	4	<3	<1	.45	.004	14	1	.02	82	<.01	<3	.17	.01	.21	<2	213.3	1900
09729	<1	2	5	35	<.3	4	5	565	1.47	3	<8	<2	13	125	<.5	18	3	9	1.91	.058	24	3	.61	980	<.01	<3	.20	.03	.17	<2	3.2	6800
09730	<1	37	12	35	.3	4	6	553	1.56	95	<8	<2	16	136	<.5	134	<3	6	1.88	.058	23	1	.59	648	<.01	<3	.20	.02	.18	<2	22.9	4400
09731	1	2	8	19	<.3	3	3	577	1.08	32	<8	<2	19	108	<.5	32	<3	2	1.45	.039	26	1	.34	137	<.01	<3	.20	.02	.19	<2	18.5	3800
09732	1	86	57	141	.6	43	12	2618	3.21	434	<8	<2	8	211	1.2	73	4	15	4.33	.063	10	11	1.89	181	<.01	<3	.37	.02	.19	<2	52.7	1600
STANDARD DS5/AU-R	11	134	21	132	<.3	24	11	721	2.81	17	<8	<2	2	48	5.5	3	6	55	.70	.093	10	180	.61	135	.08	15	1.92	.03	.12	4	460.1	-

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* IGNITED, ACID LEACHED, ANALYZED BY ICP-MS. (15 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 3 2003 DATE REPORT MAILED: Sept 5/03 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	Sample gm
09733	1	11	24	275	3.3	2	1	1194	.80	1649	<8	<2	6	318	6.3	187	<3	1	2.32	.010	12	1	.09	134	<.01	3	.22	.02	.19	<2	647.8	750
09734	1	2	39	129	<.3	<1	<1	836	.69	1744	<8	<2	6	91	6.4	63	<3	1	.92	.004	12	1	.03	79	<.01	4	.17	.01	.16	<2	423.3	2700
09735	4	20	88	371	2.1	15	9	1556	1.93	2774	<8	3	9	173	11.4	153	<3	6	2.21	.062	16	2	.51	114	<.01	3	.32	.03	.21	<2	2839.0	750
09736	2	18	21	81	.9	21	12	2346	2.76	1756	<8	<2	8	211	.7	37	<3	11	3.48	.070	11	5	1.14	69	<.01	<3	.25	.02	.19	<2	253.1	500
09737	3	6	8	69	.4	6	6	1841	1.91	2631	<8	<2	12	139	.8	82	<3	6	2.36	.061	15	2	.65	177	.01	3	.24	.02	.19	<2	415.6	1000
09738	1	1	5	55	<.3	4	6	668	1.76	460	<8	<2	11	126	.6	30	<3	6	2.40	.060	20	2	.71	320	<.01	3	.22	.02	.19	<2	7.9	5600
09739	1	2	4	49	<.3	5	7	580	1.89	339	8	<2	13	113	<.5	30	<3	6	2.44	.060	17	2	.70	230	<.01	3	.22	.01	.19	<2	6.3	4700
09740	1	4	4	54	<.3	4	6	496	1.64	1674	<8	4	13	85	.6	20	<3	4	1.63	.058	19	1	.47	121	<.01	3	.21	.02	.17	<2	3441.0	1300
09741	1	3	4	86	<.3	3	5	468	1.44	1038	<8	5	14	82	1.1	33	<3	4	1.47	.054	22	2	.42	106	<.01	4	.24	.02	.18	<2	5351.0	3000
09742	5	3	7	87	.3	7	7	736	1.76	317	<8	<2	9	105	1.4	16	<3	7	2.23	.057	14	2	.70	116	<.01	3	.22	.01	.17	<2	486.3	2700
09743	20	4	11	71	<.3	6	7	729	1.88	126	<8	<2	8	169	.9	42	<3	8	2.75	.061	15	2	.87	420	<.01	3	.22	.02	.17	<2	27.0	2700
RE 09743	19	5	12	74	.4	7	7	730	1.87	126	<8	<2	10	170	.8	44	<3	9	2.77	.061	17	2	.88	426	<.01	4	.23	.02	.18	<2	27.0	-
RRE 09743	16	6	13	72	<.3	6	7	723	1.87	126	<8	<2	9	173	.9	38	<3	7	2.77	.060	16	1	.88	379	<.01	3	.21	.01	.16	<2	35.8	-
09744	11	5	7	64	<.3	6	7	664	1.88	128	<8	<2	10	160	.6	14	<3	7	2.34	.062	16	2	.76	378	<.01	3	.25	.02	.19	<2	17.5	5100
09745	1	1	7	58	<.3	4	6	630	1.62	145	<8	<2	14	133	.7	26	<3	6	2.35	.059	18	1	.65	423	<.01	3	.24	.02	.19	<2	133.0	2700
STANDARD DS5/AU-R	11	139	23	129	<.3	23	11	717	2.81	20	<8	<2	2	44	5.5	<3	4	56	.66	.093	10	189	.62	134	.08	16	1.95	.03	.12	4	483.7	-

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 ___

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

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56C File # A303912R
2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Au** gm/mt
09735	2.74
09740	3.39
09741	5.66
STANDARD AU-1	3.35

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

DATE RECEIVED: SEP 8 2003 **DATE REPORT MAILED:** Sept 15/03 **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 VNC

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

CME Consulting Ltd. PROJECT CP56C File # A303542

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	7	10	<.3	2	1	27	.27	<2	<8	<2	<2	7	<.5	5	<3	1	.21	.002	<1	4	.04	14	<.01	<3	.05	.65	.01	<2	.7
9678	3	11	51	69	4.9	1	<1	479	.55	695	<8	<2	7	32	1.0	199	<3	<1	.38	.003	15	4	.01	264	<.01	<3	.26	.02	.23	<2	125.3
9679	2	3	60	78	<.3	2	<1	1023	.75	2032	<8	<2	8	87	3.7	105	<3	1	.93	.005	15	6	.03	92	<.01	<3	.33	.02	.25	<2	417.2
9680	4	24	22	96	1.0	15	9	1392	2.23	1319	<8	<2	11	143	1.1	63	<3	10	2.76	.058	16	9	.97	293	<.01	<3	.52	.02	.33	<2	1356.0
9681	5	16	22	82	1.4	6	6	1871	1.87	2318	<8	<2	14	148	1.0	54	<3	7	2.20	.054	17	4	.59	230	<.01	<3	.50	.02	.30	<2	445.3
9682	3	10	25	103	1.7	10	9	630	1.87	4425	<8	3	11	85	1.9	47	<3	5	1.05	.054	17	7	.28	92	<.01	<3	.64	.02	.29	<2	2367.4
9683	1	9	12	167	1.7	6	6	354	2.00	2293	<8	12	13	59	3.0	66	<3	5	.88	.049	20	5	.27	86	<.01	<3	.46	.01	.29	<2	11280.0
9684	2	6	14	266	1.2	13	9	765	2.13	639	<8	3	7	121	5.2	34	<3	11	2.48	.056	13	9	.81	122	<.01	4	.61	.02	.39	5	3227.8
9685	1	3	9	111	<.3	14	10	897	2.40	928	<8	4	6	140	1.5	22	<3	12	3.30	.058	9	9	1.10	217	<.01	<3	.48	.01	.31	<2	4758.7
9686	17	3	7	67	<.3	6	7	670	2.03	146	<8	<2	11	151	.7	39	<3	10	2.64	.057	18	6	.89	698	<.01	3	.45	.03	.28	<2	26.0
9687	1	2	14	152	<.3	33	18	1214	3.26	62	<8	<2	2	283	1.2	7	<3	21	4.62	.070	4	18	1.98	718	<.01	3	.63	.02	.42	<2	12.0
RE 9687	<1	1	15	151	<.3	32	17	1211	3.24	62	<8	<2	<2	280	1.2	7	<3	22	4.61	.069	4	19	1.97	714	<.01	5	.64	.02	.43	5	11.0
RRE 9687	<1	2	15	150	<.3	32	17	1201	3.20	63	<8	<2	2	278	1.3	8	<3	24	4.53	.067	4	21	1.94	695	<.01	4	.71	.02	.44	3	6.6
9688	1	2	8	92	<.3	10	8	887	2.09	109	<8	<2	8	169	1.1	12	<3	9	2.96	.059	16	6	.97	571	<.01	<3	.53	.02	.32	<2	22.6
9689	3	7	66	692	1.7	6	7	666	1.72	256	<8	<2	15	127	12.8	23	<3	8	2.03	.053	19	6	.55	302	<.01	<3	.59	.03	.38	5	763.0
STANDARD DS5/AU-R	13	143	24	134	.4	24	12	757	2.92	18	<8	<2	3	48	5.4	4	7	59	.72	.092	12	187	.66	141	.09	16	2.06	.04	.13	3	464.0

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* IGNITED, ACID LEACHED, ANALYZED BY ICP-MS. (15 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 19 2003 **DATE REPORT MAILED:** Aug 23/03 **SIGNED BY** ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Rec'd B

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

Data__ FA ___

[illegible]E A[illegible]YTI[illegible]LAB[illegible]ORI[illegible]LTD[illegible] 8[illegible]. H[illegible]NGS[illegible]. V[illegible]UVE[illegible]: V[illegible]1R6[illegible] PH[illegible]604[illegible])-31[illegible]FAX[illegible])25[illegible]16[illegible]
(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56C File # A303542R

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Au** gm/mt
9680	1.39
9682	2.76
9683	11.71
9684	3.30
9685	4.63
STANDARD AU-1	3.38

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

DATE RECEIVED: AUG 26 2003 **DATE REPORT MAILED:** Sept 2/03 **SIGNED BY:** C.L 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 VNG

4-Nov-03

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2003-497

CME MANAGING CONSULTANTS LTD.
#2130 - 21331 Gordon Way
Richmond, BC
V6W 1J9

No. of samples received: 66
Sample type: Core
Project Name: Skukum
Project Number: CP56C
Submitted By: TV

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Tl %	U	V	W	Y	Zn
1	8079	20	<0.2	0.39	220	200	<5	2.03	<1	9	69	6	1.99	20	0.75	639	1	0.04	12	640	8	5	<20	127	<0.01	<10	26	<10	20	36
2	8080	20	<0.2	0.48	310	250	<5	1.72	<1	9	61	5	1.95	20	0.72	575	1	0.05	11	630	8	145	<20	89	<0.01	<10	33	<10	19	40
3	8081	360	<0.2	0.23	1290	90	<5	2.59	<1	8	69	5	2.06	20	0.74	1764	2	0.03	13	690	18	15	<20	133	<0.01	<10	13	<10	16	34
4	8082	275	0.8	0.20	1455	85	<5	2.56	<1	8	66	8	1.98	20	0.68	1776	1	0.03	13	600	148	40	<20	103	<0.01	<10	8	<10	12	48
5	8083	145	<0.2	0.19	315	355	<5	2.63	<1	8	54	8	1.77	20	0.70	1064	<1	0.03	11	620	10	10	<20	91	<0.01	<10	8	<10	13	39
6	8084	45	0.3	0.20	225	100	<5	2.51	<1	8	67	43	1.97	20	0.70	816	2	0.03	11	630	46	30	<20	86	<0.01	<10	9	<10	13	36
7	8085	40	0.2	0.19	550	65	<5	2.01	<1	6	68	5	1.69	10	0.58	689	2	0.03	9	480	26	10	<20	127	<0.01	<10	6	<10	11	41
8	8086	15	<0.2	0.20	85	270	<5	2.69	<1	7	66	3	1.90	20	0.77	668	2	0.03	12	620	6	<5	<20	124	<0.01	<10	12	<10	14	29
9	8087	<5	<0.2	0.23	80	260	<5	1.74	<1	8	70	8	1.88	20	0.55	690	3	0.04	12	490	12	10	<20	165	<0.01	<10	7	<10	16	41
10	8088	<5	<0.2	0.18	10	75	<5	1.53	<1	5	51	3	1.61	20	0.44	749	1	0.03	7	480	28	5	<20	68	<0.01	<10	8	<10	14	70
11	8089	<5	<0.2	0.20	<5	725	<5	3.22	<1	9	70	6	1.96	30	0.89	709	<1	0.03	13	690	12	<5	<20	138	<0.01	<10	10	<10	16	38
12	8090	5	<0.2	0.21	<5	745	<5	2.51	<1	8	65	3	1.78	30	0.68	575	1	0.04	11	630	6	<5	<20	99	<0.01	<10	11	<10	13	30
13	8091	25	<0.2	0.25	25	80	<5	1.69	<1	5	42	2	1.14	20	0.35	602	<1	0.04	6	460	12	<5	<20	129	<0.01	<10	5	<10	10	28
14	8092	250	<0.2	0.21	640	120	<5	3.40	<1	11	56	9	2.19	20	0.83	1297	1	0.03	33	680	16	10	<20	215	<0.01	<10	10	<10	15	45
15	8093	50	<0.2	0.20	30	385	<5	3.08	<1	12	63	3	2.28	20	1.16	796	<1	0.04	27	710	10	10	<20	137	<0.01	<10	15	<10	14	43
16	8094	5	<0.2	0.19	<5	765	<5	2.22	<1	9	69	3	1.88	20	0.76	554	1	0.04	12	640	6	<5	<20	94	<0.01	<10	16	<10	12	31
17	8095	10	0.3	0.18	<5	565	<5	2.03	<1	8	66	7	1.86	20	0.70	581	<1	0.04	10	620	6	10	<20	83	<0.01	<10	13	<10	12	30
18	8096	10	<0.2	0.18	<5	405	<5	2.02	<1	8	67	5	1.92	20	0.66	663	1	0.03	10	630	6	5	<20	86	<0.01	<10	11	<10	11	31
19	8097	10	<0.2	0.20	<5	675	<5	2.45	<1	8	71	2	1.79	30	0.79	701	<1	0.04	12	630	6	5	<20	92	<0.01	<10	11	<10	12	32
20	8098	90	<0.2	0.20	225	150	<5	2.27	<1	6	83	4	1.59	20	0.64	918	2	0.03	10	560	4	5	<20	93	<0.01	<10	11	<10	9	25
21	8099	50	<0.2	0.14	165	45	<5	0.71	<1	3	77	5	0.68	30	0.18	406	3	0.01	4	150	4	25	<20	41	<0.01	<10	2	<10	4	27
22	8100	30	<0.2	0.19	325	100	<5	2.18	<1	8	67	3	1.88	20	0.71	715	2	0.03	11	580	4	10	<20	100	<0.01	<10	16	<10	13	32
23	9951	45	<0.2	0.18	190	145	<5	3.22	<1	10	71	5	1.97	20	0.99	803	1	0.02	14	570	4	<5	<20	95	<0.01	<10	9	<10	8	46
24	9952	65	<0.2	0.18	1265	95	<5	2.62	<1	10	76	8	1.90	20	0.79	899	3	0.02	12	610	4	5	<20	82	<0.01	<10	8	<10	9	50
25	9953	>1000	>30	0.27	5500	20	<5	2.73	26	19	81	723	3.38	10	0.81	872	55	0.02	20	1280	326	>10000	<20	78	<0.01	<10	11	20	7	2053
26	9954	<5	<0.2	0.19	<5	125	<5	0.70	<1	1	44	2	0.62	40	0.16	150	4	0.07	2	30	18	5	<20	245	<0.01	<10	<1	<10	15	22
27	9955	365	0.7	0.20	890	95	<5	5.59	<1	14	64	28	2.96	10	1.86	2763	1	0.03	32	640	22	15	<20	88	<0.01	<10	17	<10	13	143
28	9956	>1000	0.3	0.63	1915	55	<5	4.61	<1	20	63	33	3.50	10	1.94	2442	<1	0.05	46	920	44	15	<20	146	<0.01	<10	40	<10	12	241
29	9957	<5	<0.2	0.17	<5	65	<5	2.45	<1	8	66	10	2.00	20	0.71	787	2	0.04	11	570	12	10	<20	75	<0.01	<10	11	<10	11	43
30	9958	100	0.2	0.20	65	255	<5	2.68	<1	8	77	6	1.82	20	0.70	1099	5	0.03	12	560	38	10	<20	93	<0.01	<10	11	<10	11	40
31	9959	5	<0.2	0.20	20	120	<5	2.72	<1	8	72	5	2.02	20	0.75	734	4	0.04	12	630	16	5	<20	104	<0.01	<10	14	<10	12	52
32	9960	<5	<0.2	0.19	30	95	<5	2.39	<1	9	71	9	1.77	20	0.62	718	5	0.03	10	590	20	<5	<20	85	<0.01	<10	7	<10	9	51
33	9961	<5	<0.2	0.17	<5	500	<5	1.97	<1	7	73	4	1.72	20	0.55	631	3	0.03	10	540	44	<5	<20	81	<0.01	<10	11	<10	12	122
34	9962	95	<0.2	0.18	255	60	<5	0.52	<1	1	77	2	0.59	10	0.03	332	4	0.01	2	30	22	10	<20	66	<0.01	<10	<1	<10	9	47
35	9963	40	<0.2	0.16	130	60	<5	0.04	5	1	82	2	0.46	10	0.02	50	8	0.02	2	30	92	10	<20	35	<0.01	<10	<1	<10	9	244
36	9964	95	0.2	0.15	625	65	<5	0.06	6	1	69	2	0.54	<10	0.02	66	10	0.02	2	30	94	10	<20	59	<0.01	<10	<1	<10	12	397
37	9965	165	0.2	0.14	1050	60	<5	0.08	<1	1	66	3	0.53	<10	0.02	120	4	0.02	<1	30	74	15	<20	55	<0.01	<10	<1	<10	11	218
38	9966	35	<0.2	0.19	1065	90	<5	2.61	<1	8	87	2	1.97	20	0.75	709	2	0.01	12	670	4	<5	<20	119	<0.01	<10	6	<10	9	41

CME MANAGING CONSULTANTS LTD. ICP CERTIFICATE OF ANALYSIS (2003 ECO TECH LABORATORY LTD.

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Tl %	U	V	W	Y	Zn
39	9967	10	<0.2	0.23	130	110	<5	5.96	<1	25	44	3	3.85	10	2.78	954	<1	0.03	67	660	14	<5	<20	319	<0.01	<10	28	<10	5	81
40	10034	<5	<0.2	0.17	70	325	<5	2.57	<1	10	72	14	1.64	20	1.12	468	1	0.02	24	320	12	<5	<20	140	<0.01	<10	9	<10	7	41
41	10035	>1000	0.7	0.26	5515	60	<5	4.13	<1	23	57	5	3.28	10	1.84	818	<1	0.02	61	670	12	<5	<20	184	<0.01	<10	18	<10	6	119
42	10036	10	0.2	0.18	110	120	<5	2.57	<1	8	80	3	1.56	20	0.91	455	2	0.03	18	420	10	<5	<20	126	<0.01	<10	6	<10	7	39
43	10037	5	<0.2	0.25	<5	715	<5	5.75	<1	28	55	3	3.99	10	2.97	1027	<1	0.02	71	770	12	<5	<20	231	<0.01	<10	24	<10	6	108
44	10038	5	<0.2	0.18	25	450	<5	2.96	<1	11	89	6	1.99	20	1.11	509	2	0.03	25	440	8	<5	<20	124	<0.01	<10	7	<10	6	50
45	10039	10	<0.2	0.17	15	710	<5	2.99	<1	9	85	5	1.65	30	1.00	528	2	0.03	17	350	10	<5	<20	115	<0.01	<10	6	<10	6	42
46	10040	<5	<0.2	0.15	35	510	<5	2.96	<1	8	80	4	1.67	20	1.00	510	2	0.02	17	320	6	<5	<20	121	<0.01	<10	5	<10	7	45
47	10041	<5	<0.2	0.14	15	425	<5	1.27	<1	4	79	3	0.81	20	0.40	227	2	0.02	7	160	6	<5	<20	66	<0.01	<10	2	<10	5	21
48	10042	10	<0.2	0.25	815	135	<5	6.33	<1	25	52	2	4.00	10	2.61	1102	<1	0.02	61	830	12	<5	<20	199	<0.01	<10	23	<10	6	129
49	10043	5	<0.2	0.23	585	150	<5	5.77	<1	21	58	2	3.40	10	2.28	1002	<1	0.02	48	740	12	<5	<20	167	<0.01	<10	20	<10	7	99
50	10044	5	<0.2	0.16	15	345	<5	2.22	<1	6	95	3	1.27	30	0.72	354	3	0.03	14	340	4	<5	<20	82	<0.01	<10	4	<10	6	32
51	10045	<5	<0.2	0.25	90	140	<5	5.97	<1	24	56	10	3.84	10	2.34	1017	<1	0.02	58	800	10	<5	<20	182	<0.01	<10	24	<10	7	118
52	10046	<5	<0.2	0.19	15	420	<5	4.13	<1	15	90	11	2.31	20	1.33	734	2	0.02	29	590	6	<5	<20	124	<0.01	<10	9	<10	9	65
53	10047	75	<0.2	0.17	225	230	<5	2.71	<1	8	66	2	1.80	20	0.82	640	1	0.02	13	570	2	<5	<20	100	<0.01	<10	7	<10	8	47
54	10048	<5	<0.2	0.18	125	250	<5	2.92	<1	10	79	2	2.18	30	0.94	645	2	0.03	15	660	4	<5	<20	109	<0.01	<10	11	<10	10	48
55	10049	20	<0.2	0.20	75	250	<5	2.88	<1	10	72	2	2.11	20	0.94	680	<1	0.03	15	670	4	<5	<20	109	<0.01	<10	11	<10	8	59
56	10050	5	<0.2	0.24	125	165	<5	5.83	<1	22	53	3	3.55	10	2.25	1234	<1	0.02	55	770	10	<5	<20	211	<0.01	<10	28	<10	5	95
57	10051	480	<0.2	0.20	1455	90	<5	4.85	<1	14	71	2	2.83	10	1.65	1242	<1	0.02	33	680	4	<5	<20	194	<0.01	<10	17	<10	9	73
58	10052	80	<0.2	0.19	885	110	<5	3.23	<1	10	78	2	2.21	20	1.12	809	3	0.02	21	610	4	<5	<20	147	<0.01	<10	11	<10	8	53
59	10053	685	0.2	0.19	1460	70	<5	2.58	<1	9	77	3	2.07	20	0.84	681	4	0.02	13	580	6	10	<20	132	<0.01	<10	11	<10	9	60
60	10054	>1000	0.4	0.19	1765	95	<5	2.53	<1	9	78	9	2.06	20	0.87	702	3	0.02	16	620	24	10	<20	146	<0.01	<10	13	<10	9	43
61	10055	130	<0.2	0.31	35	380	<5	5.01	<1	29	57	45	4.88	20	2.48	1133	<1	0.05	69	1070	6	20	<20	375	<0.01	<10	51	<10	10	85
62	10056	145	0.4	0.18	720	95	<5	2.84	<1	11	68	43	2.28	20	0.95	705	4	0.03	17	630	12	25	<20	160	<0.01	<10	13	<10	9	50
63	10057	5	<0.2	0.19	15	225	<5	2.49	<1	8	68	27	2.04	30	0.77	555	4	0.03	12	630	8	20	<20	133	<0.01	<10	14	<10	12	35
64	10058	30	0.4	0.18	645	135	<5	2.32	<1	9	82	69	2.06	20	0.68	587	7	0.03	12	640	20	35	<20	107	<0.01	<10	7	<10	9	41
65	10064	>1000	>30	0.49	>10000	35	<5	0.43	463	56	2229	1847	7.10	10	0.24	910	31	<0.01	1958	140	>10000	900	<20	15	<0.01	<10	28	230	<1	>10000
66	10065	<5	<0.2	1.17	<5	65	<5	0.77	<1	11	120	20	2.03	<10	0.69	310	3	0.08	26	460	8	<5	<20	26	0.05	<10	23	<10	14	44
QC DATA:																														
Resplit:																														
1	8079	15	<0.2	0.38	250	210	<5	2.03	<1	9	77	6	2.05	20	0.71	626	1	0.04	14	660	8	10	<20	117	<0.01	<10	26	<10	20	37
36	9964	25	<0.2	0.15	635	65	<5	0.06	5	<1	74	2	0.55	<10	0.02	68	11	0.02	1	30	100	10	<20	58	<0.01	<10	<1	<10	12	392
Repeat:																														
1	8079	20	<0.2	0.38	235	175	<5	2.07	<1	9	70	6	2.01	20	0.75	650	1	0.04	12	670	8	10	<20	121	<0.01	<10	26	<10	20	36
10	8088	<5	<0.2	0.18	10	75	<5	1.57	<1	6	52	3	1.66	20	0.46	775	1	0.03	7	510	26	5	<20	71	<0.01	<10	8	<10	15	71
19	8097	10	<0.2	0.19	<5	655	<5	2.52	<1	8	74	2	1.86	30	0.80	726	<1	0.04	11	640	6	5	<20	90	<0.01	<10	11	<10	12	34
36	9964	105	0.2	0.14	660	65	<5	0.06	5	1	70	2	0.56	<10	0.02	69	10	0.02	1	30	100	10	<20	58	<0.01	<10	<1	<10	12	412
45	10039	15	<0.2	0.17	15	655	<5	2.99	<1	8	84	4	1.64	30	1.01	506	1	0.03	18	360	8	<5	<20	115	<0.01	<10	6	<10	7	42
54	10048	<5	<0.2	0.18	125	215	<5	2.94	<1	10	78	2	2.19	30	0.94	648	2	0.03	14	680	4	<5	<20	108	<0.01	<10	11	<10	9	48
Standard:																														
GEO '03		140	1.4	1.60	55	135	<5	1.62	<1	20	59	84	3.65	10	0.94	648	<1	0.02	29	670	20	<5	<20	46	0.11	<10	64	<10	10	74
GEO '03		140	1.6	1.58	60	135	<5	1.65	<1	21	59	82	3.66	10	0.92	651	<1	0.02	29	670	20	<5	<20	51	0.10	<10	68	<10	11	72

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

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df/497
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Eco Tech Laboratory Ltd.

ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING

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CERTIFICATE OF ASSAY AK 2003-497

CME MANAGING CONSULTANTS LTD.
#2130 - 21331 Gordon Way
Richmond, BC
V6W 1J9

5-Nov-03

No. of samples received: 66
Sample type: Core
Project Name: Skukum
Project Number: CP56C
Submitted By: TV

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)	Pb (%)	Zn (%)	Sb (%)
25	9953	2.07	0.060	34.6	1.01			1.09
28	9956	1.06	0.031					
41	10035	3.24	0.094					
60	10054	1.47	0.043					
65	10064	10.4	0.303	1560	45.49	2.88	2.10	

QC DATA:

Standard:

PM163		1.63	0.048					
CPb								0.36

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/lh
XLS/03

10-Nov-03

ECO TECH LABORATORY LTD.
10041 Dallas Drive
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V2C 6T4

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ICP CERTIFICATE OF ANALYSIS AK 2003-515

CME MANAGING CONSULTANTS LTD.
#2130 - 21331 Gordon Way
Richmond, BC
V6W 1J9

No. of samples received: 45
Sample type: Core
Project Name: Skukum
Project Number: CP56C
Submitted By:TV

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Tl %	U	V	W	Y	Zn
1	7351	<5	<0.2	0.18	<5	1050	<5	2.44	<1	8	58	2	1.55	30	0.77	516	2	0.03	12	630	8	<5	<20	138	0.01	<10	9	<10	13	31
2	9968	10	<0.2	0.22	165	395	<5	3.39	<1	14	64	4	2.66	20	1.37	775	1	0.02	30	670	6	<5	<20	195	0.02	<10	15	<10	8	71
3	9969	5	<0.2	0.19	245	300	<5	2.45	<1	9	60	3	2.13	30	0.84	667	1	0.02	13	680	2	<5	<20	133	0.02	<10	10	<10	9	50
4	9970	5	<0.2	0.20	190	325	<5	2.76	<1	10	63	31	2.33	20	1.01	772	2	0.02	18	680	4	20	<20	155	0.02	<10	10	<10	10	66
5	9971	15	<0.2	0.18	195	350	<5	2.51	<1	9	60	30	2.09	20	0.85	605	3	0.03	14	650	8	15	<20	173	0.01	<10	10	<10	9	52
6	9972	5	<0.2	0.19	435	250	<5	2.42	<1	8	71	41	2.05	20	0.77	593	6	0.02	13	640	6	25	<20	121	0.01	<10	8	<10	9	49
7	9973	<5	<0.2	0.20	75	360	<5	2.44	<1	8	70	18	2.00	30	0.76	558	4	0.03	13	660	6	10	<20	164	0.01	<10	11	<10	12	40
8	9974	505	<0.2	0.22	540	265	<5	2.69	1	10	91	28	2.19	20	0.90	715	4	0.03	20	660	60	15	<20	137	0.02	<10	8	<10	10	67
9	9975	50	0.2	0.26	45	195	<5	3.75	<1	14	67	32	2.49	20	1.26	1094	5	0.03	29	730	22	10	<20	186	0.02	<10	13	<10	10	59
10	9976	55	<0.2	0.19	95	415	<5	2.56	<1	8	78	3	1.91	20	0.82	632	8	0.02	14	600	6	<5	<20	124	0.01	<10	8	<10	9	40
11	9977	15	<0.2	0.29	95	485	<5	4.38	<1	23	56	21	4.26	20	2.17	1004	2	0.02	40	1690	12	<5	<20	200	0.03	<10	13	<10	8	86
12	9978	890	2.2	0.22	195	120	<5	3.02	1	9	77	11	2.08	20	0.89	878	13	0.02	16	670	36	10	<20	112	0.02	<10	5	<10	10	66
13	9979	<5	<0.2	0.34	<5	920	<5	3.59	<1	19	66	18	3.53	20	1.74	841	2	0.04	34	1390	10	5	<20	184	0.02	<10	19	<10	12	80
14	9980	<5	<0.2	0.23	<5	920	<5	3.62	<1	14	52	6	2.64	30	1.47	789	<1	0.03	27	1120	6	<5	<20	130	0.02	<10	12	<10	12	64
15	9981	30	0.2	0.20	70	125	<5	2.90	<1	8	67	10	2.07	20	0.88	1109	14	0.03	16	660	8	5	<20	152	0.02	<10	7	<10	13	42
16	9982	40	<0.2	0.22	30	395	<5	3.11	<1	8	66	2	1.87	20	0.81	1021	2	0.03	14	680	4	<5	<20	106	0.02	<10	7	<10	13	31
17	9983	5	<0.2	0.21	10	615	<5	3.31	<1	8	75	2	1.95	30	0.77	877	3	0.03	15	790	6	<5	<20	145	0.02	<10	7	<10	14	45
18	9984	10	0.5	0.25	10	85	<5	1.87	<1	6	48	8	1.41	20	0.32	929	3	0.03	10	730	28	5	<20	157	0.01	<10	5	<10	17	75
19	9985	<5	<0.2	0.18	<5	95	<5	0.92	<1	<1	73	1	0.42	10	0.08	383	4	0.03	5	10	26	<5	<20	204	<0.01	<10	<1	<10	23	27
20	9986	<5	<0.2	0.20	<5	75	<5	0.97	<1	2	82	2	0.64	20	0.14	290	8	0.05	6	120	30	<5	<20	128	<0.01	<10	1	<10	17	35
21	10061	10	0.2	2.63	<5	1135	<5	4.57	2	28	123	45	4.44	30	3.36	1260	<1	0.04	83	1130	20	20	<20	171	0.04	<10	74	<10	12	224
22	10062	30	0.3	2.73	10	370	<5	4.81	3	27	130	60	4.36	30	3.39	1312	<1	0.04	87	1150	56	20	<20	218	0.04	<10	73	<10	13	291
23	10063	<5	<0.2	0.58	<5	405	<5	2.53	<1	10	69	4	1.96	30	0.84	688	3	0.04	18	710	10	<5	<20	99	0.02	<10	20	<10	19	43
24	10066	300	<0.2	0.22	1180	145	<5	2.59	<1	9	59	2	1.90	20	0.80	1398	2	0.03	14	640	6	15	<20	100	0.02	<10	8	<10	13	39
25	10067	<5	<0.2	0.20	<5	995	<5	2.10	<1	8	65	2	1.79	30	0.74	603	1	0.04	13	640	4	10	<20	89	0.01	<10	11	<10	12	31
26	10068	<5	<0.2	0.20	<5	810	<5	2.43	<1	11	55	13	1.89	30	0.93	604	3	0.03	17	670	8	10	<20	82	0.01	<10	11	<10	9	38
27	10069	5	<0.2	0.98	<5	285	<5	4.68	<1	27	85	54	4.17	30	2.91	1279	<1	0.04	87	1150	20	10	<20	117	0.03	<10	43	<10	11	165
28	10070	<5	<0.2	1.64	<5	405	<5	5.11	3	29	103	37	4.50	30	3.58	1414	<1	0.04	102	1190	18	10	<20	275	0.04	<10	54	<10	14	260
29	10071	<5	<0.2	0.22	<5	975	<5	3.26	<1	9	69	16	1.91	20	1.19	676	2	0.03	17	650	12	15	<20	136	0.01	<10	10	<10	11	65
30	10072	<5	<0.2	0.23	1080	160	<5	3.11	1	9	69	2	2.10	20	1.01	735	1	0.01	18	700	6	25	<20	142	0.02	<10	7	<10	9	75
31	10073	5	<0.2	0.21	1845	155	<5	2.93	<1	9	78	3	2.10	20	0.91	893	2	0.01	14	650	6	20	<20	124	0.02	<10	6	<10	9	69
32	10074	<5	<0.2	0.23	1680	160	<5	2.62	2	9	79	3	1.94	30	0.78	771	2	0.01	15	660	6	15	<20	109	0.02	<10	6	<10	9	69
33	10075	5	<0.2	0.21	625	195	<5	2.78	<1	10	74	5	2.21	20	0.89	614	2	0.02	15	690	8	10	<20	112	0.01	<10	6	<10	10	65
34	10076	35	0.5	0.21	105	370	<5	2.68	<1	10	71	59	1.97	30	0.82	668	22	0.03	16	640	14	35	<20	105	0.01	<10	5	<10	10	55
35	10077	25	0.5	0.22	80	305	<5	3.09	<1	13	65	69	2.28	30	1.04	841	8	0.02	26	730	188	45	<20	129	0.02	<10	8	<10	8	74
36	10078	<5	<0.2	0.31	50	445	<5	5.39	1	26	54	25	4.19	30	2.17	1437	3	0.02	66	1280	90	<5	<20	188	0.03	<10	14	<10	8	135
37	10079	<5	<0.2	0.20	15	685	<5	2.63	<1	10	87	58	2.03	30	0.86	603	9	0.03	17	690	50	35	<20	110	0.02	<10	6	<10	9	64

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Tl %	U	V	W	Y	Zn
38	10080	<5	<0.2	0.19	45	560	<5	2.73	<1	9	77	28	2.16	30	0.87	621	4	0.02	14	680	10	20	<20	95	0.02	<10	6	<10	10	53
39	10081	5	<0.2	0.19	20	760	<5	2.50	<1	9	77	24	1.91	30	0.80	665	13	0.03	14	630	10	20	<20	93	0.01	<10	5	<10	11	58
40	10082	45	<0.2	0.18	50	360	<5	2.95	<1	9	83	10	1.93	30	0.84	971	8	0.02	16	630	12	10	<20	102	0.02	<10	5	<10	11	51
41	10083	50	<0.2	0.22	40	225	<5	2.39	<1	7	105	11	1.67	20	0.67	866	3	0.02	14	570	4	15	<20	82	0.01	<10	5	<10	9	37
42	10084	60	0.2	0.18	100	170	<5	2.69	<1	8	81	16	1.76	30	0.77	943	4	0.01	15	610	4	40	<20	80	0.02	<10	3	<10	10	44
43	10085	85	0.3	0.17	515	150	<5	2.34	1	7	67	7	1.81	20	0.70	984	3	0.02	13	540	10	10	<20	83	0.02	<10	6	<10	8	68
44	10099	>1000	>30	0.51	>10000	40	<5	0.42	603	56	2374	1688	7.04	30	0.24	900	33	<0.01	2104	140	>10000	945	<20	13	0.06	<10	22	210	<1	>10000
45	10100	<5	<0.2	1.22	<5	70	<5	0.79	<1	11	137	18	2.03	<10	0.70	308	2	0.09	30	470	6	<5	<20	25	0.07	<10	47	<10	16	46
QC DATA:																														
Resplit:																														
1	7351	<5	<0.2	0.20	<5	1100	<5	2.46	<1	8	65	2	1.62	30	0.76	529	1	0.03	13	640	4	<5	<20	133	0.01	<10	10	<10	13	30
36	10078	<5	<0.2	0.30	60	425	<5	5.37	1	26	49	19	4.26	30	2.13	1432	3	0.02	67	1310	96	5	<20	182	0.03	<10	14	<10	6	136
Repeat:																														
1	7351	<5	<0.2	0.19	<5	1055	<5	2.49	<1	8	60	3	1.59	30	0.78	531	2	0.03	12	650	6	<5	<20	138	0.01	<10	9	<10	12	31
8	9974	505																												
10	9976	55	<0.2	0.19	90	420	<5	2.55	<1	8	78	3	1.90	20	0.81	629	4	0.03	14	600	6	<5	<20	119	0.01	<10	8	<10	10	41
12	9978	890																												
19	9985	<5	<0.2	0.19	<5	95	<5	0.91	<1	<1	72	1	0.42	10	0.08	381	4	0.03	5	10	24	<5	<20	201	<0.01	<10	<1	<10	23	26
24	10066	300																												
36	10078	<5	<0.2	0.33	65	495	<5	5.50	1	25	57	24	4.26	30	2.18	1459	2	0.02	68	1290	98	5	<20	185	0.03	<10	14	<10	6	147
45	10100	-	<0.2	1.21	<5	70	<5	0.77	<1	10	136	18	2.01	<10	0.69	304	2	0.09	28	460	6	5	<20	25	0.07	<10	47	<10	15	45
Standard:																														
GEO '03		140	1.5	1.61	55	145	<5	1.61	<1	20	60	82	3.55	<10	0.93	639	<1	0.02	31	660	22	<5	<20	56	0.08	<10	72	<10	10	74
GEO '03		140	1.5	1.65	60	150	<5	1.67	<1	21	62	83	3.65	<10	0.95	653	<1	0.02	32	690	22	<5	<20	56	0.08	<10	73	<10	10	72

ECO-TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

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df/514
XLS/03

26-Nov-03

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ICP CERTIFICATE OF ANALYSIS AK 2003-569

CME MANAGING CONSULTANTS LTD.
#2130 - 21331 Gordon Way
Richmond, BC
V6W 1J9

No. of samples received: 75
Sample type: Core
Project Name: Skukum
Project Number: CP56C

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	7365	10	<0.2	0.26	65	550	<5	3.39	<1	10	119	8	2.36	20	0.85	629	9	<0.01	18	710	8	25	<20	180	<0.01	<10	8	<10	3	82
2	7366	<5	<0.2	0.25	45	280	<5	2.79	<1	7	103	4	1.69	20	0.88	615	2	0.02	15	580	4	<5	<20	125	0.03	<10	6	<10	4	56
3	7388	10	<0.2	0.20	845	105	<5	3.64	<1	11	118	6	2.72	20	0.85	798	2	<0.01	26	640	8	10	<20	150	<0.01	<10	9	<10	4	91
4	7389	<5	<0.2	0.21	160	260	<5	2.88	<1	10	114	10	2.25	20	0.68	563	27	<0.01	17	710	8	5	<20	204	<0.01	<10	9	<10	5	112
5	7390	20	<0.2	0.19	400	180	<5	2.99	<1	9	103	2	2.32	20	0.73	655	<1	<0.01	18	680	10	5	<20	216	<0.01	<10	9	<10	5	73
6	7391	25	<0.2	0.25	415	190	<5	5.37	<1	16	90	5	2.97	20	1.52	842	2	<0.01	41	700	12	<5	<20	252	<0.01	<10	14	<10	4	84
7	7392	520	0.4	0.21	1225	110	<5	2.96	<1	9	86	10	2.24	10	0.63	1804	1	<0.01	18	670	22	20	<20	234	<0.01	<10	6	<10	7	68
8	7393	235	1.2	0.24	1390	35	<5	6.66	<1	21	80	59	4.40	10	1.91	2087	5	<0.01	73	820	38	35	<20	564	0.01	<10	11	<10	6	101
9	7394	40	<0.2	0.24	630	125	<5	2.81	<1	9	113	8	2.29	20	0.64	799	4	0.01	16	700	18	10	<20	180	<0.01	<10	6	<10	7	44
10	7395	210	3.2	0.33	575	50	<5	4.62	5	17	46	26	3.54	20	1.92	2038	1	0.02	29	1410	80	315	<20	187	0.06	<10	20	<10	6	398
11	7396	20	<0.2	0.54	715	100	<5	4.98	<1	25	69	28	4.02	20	2.89	1856	<1	0.04	103	850	6	<5	<20	419	0.06	<10	41	<10	8	128
12	7397	85	0.2	0.26	95	150	<5	2.06	<1	9	78	13	2.03	30	0.75	578	5	0.04	15	630	26	15	<20	133	0.03	<10	6	<10	9	45
13	7398	<5	<0.2	0.33	2400	95	<5	4.97	<1	17	54	47	3.24	20	1.72	1119	2	0.03	40	1040	14	15	<20	151	0.05	<10	13	<10	9	84
14	7399	>1000	>30	0.44	>10000	35	<5	0.48	424	58	2611	1810	7.59	20	0.20	955	37	<0.01	2329	180	>10000	995	<20	30	0.02	<10	22	<10	1	>10000
15	7400	<5	<0.2	1.00	<5	70	<5	0.83	<1	10	142	19	2.18	<10	0.58	314	<1	0.03	35	480	26	5	<20	42	0.02	<10	45	<10	6	67
16	8224	<5	<0.2	0.21	305	260	<5	4.39	<1	10	85	2	2.73	20	0.98	1242	2	<0.01	21	830	8	<5	<20	282	<0.01	<10	7	<10	6	104
17	8225	<5	<0.2	0.20	410	240	<5	3.06	<1	10	87	4	2.42	20	0.71	1040	2	<0.01	15	810	8	<5	<20	144	<0.01	<10	5	<10	4	88
18	8226	<5	<0.2	0.19	315	370	<5	2.64	<1	7	117	2	1.81	20	0.55	709	4	<0.01	14	570	6	10	<20	120	<0.01	<10	3	<10	3	64
19	8227	95	<0.2	0.18	340	185	<5	2.04	<1	6	126	2	1.47	20	0.41	773	3	<0.01	12	460	8	10	<20	78	<0.01	<10	2	<10	3	48
20	8228	25	0.6	0.14	65	35	<5	0.14	2	1	164	4	0.41	20	0.03	103	6	<0.01	6	20	112	10	<20	78	<0.01	<10	<1	<10	<1	235
21	8229	100	0.2	0.13	140	35	<5	0.34	<1	2	145	4	0.68	20	0.08	264	4	<0.01	5	20	24	10	<20	60	<0.01	<10	<1	<10	<1	119
22	8230	20	<0.2	0.14	70	35	<5	0.95	<1	2	133	4	0.85	20	0.19	587	5	<0.01	8	150	6	5	<20	42	<0.01	<10	<1	<10	2	35
23	8231	10	<0.2	0.15	45	45	<5	1.83	<1	5	145	2	1.12	20	0.43	652	5	<0.01	15	170	8	5	<20	48	<0.01	<10	2	<10	2	80
24	8232	<5	<0.2	0.15	85	40	<5	1.18	<1	4	125	4	0.85	20	0.28	525	<1	<0.01	12	150	6	20	<20	72	<0.01	<10	<1	<10	<1	41
25	8233	>1000	3.0	0.28	3870	50	<5	1.74	<1	10	132	24	2.66	10	0.45	736	7	<0.01	27	300	56	50	<20	258	<0.01	<10	5	<10	2	572
26	8234	>1000	1.6	0.15	1075	50	<5	0.40	<1	3	134	6	1.03	20	0.11	148	<1	<0.01	9	120	6	10	<20	102	<0.01	<10	<1	<10	<1	51
27	8235	630	0.4	0.20	735	80	<5	0.58	<1	3	180	6	0.94	20	0.15	234	8	<0.01	8	140	8	10	<20	66	<0.01	<10	<1	<10	<1	45
28	8236	>1000	0.7	0.16	3280	100	<5	1.47	<1	7	103	7	1.65	20	0.33	451	<1	<0.01	14	390	10	20	<20	108	<0.01	<10	2	<10	2	85
29	8237	>1000	0.2	0.23	1840	130	<5	2.65	<1	8	127	5	2.17	20	0.58	699	5	<0.01	15	570	8	20	<20	138	<0.01	<10	6	<10	4	68
30	9851	560	0.7	0.22	1335	120	<5	3.25	<1	9	86	13	2.19	20	0.77	1009	1	<0.01	23	680	48	70	<20	216	<0.01	<10	4	<10	6	261
31	9852	25	<0.2	0.23	100	290	<5	3.21	<1	9	110	7	2.25	20	0.79	854	4	0.01	16	680	14	10	<20	156	<0.01	<10	7	<10	6	49
32	9853	<5	<0.2	0.20	<5	610	<5	2.69	<1	9	85	4	2.30	20	0.70	656	<1	0.01	17	770	8	<5	<20	102	<0.01	<10	15	<10	8	47
33	9854	<5	<0.2	0.58	<5	210	<5	5.21	<1	25	90	38	4.71	20	2.16	1420	<1	0.01	78	1110	16	25	<20	138	0.01	<10	39	<10	7	110
34	9855	5	<0.2	0.19	<5	330	<5	2.57	<1	9	83	6	2.28	10	0.72	612	3	0.02	15	680	10	5	<20	102	<0.01	<10	10	<10	5	46
35	9856	15	0.8	0.37	180	230	<5	6.74	2	33	86	86	4.88	10	2.26	1670	3	<0.01	84	1400	60	80	<20	378	0.01	<10	28	<10	7	379

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
36	9857	20	<0.2	0.28	105	635	<5	5.35	<1	19	96	13	3.63	20	1.50	1138	2	<0.01	47	950	16	25	<20	336	<0.01	<10	16	<10	6	110
37	9858	200	0.3	0.17	940	105	<5	0.30	<1	2	96	4	0.94	10	0.07	490	4	<0.01	4	40	60	55	<20	162	<0.01	<10	<1	<10	2	100
38	9859	<5	<0.2	0.22	35	645	<5	2.76	<1	9	119	4	2.00	20	0.61	636	4	<0.01	15	670	8	25	<20	210	<0.01	<10	6	<10	4	40
39	9860	200	0.2	0.31	665	220	<5	2.12	<1	7	45	4	2.15	30	0.32	925	4	0.03	16	580	32	30	<20	564	<0.01	<10	1	<10	10	90
40	9861	10	<0.2	0.19	80	415	<5	3.80	<1	8	93	2	2.09	20	0.62	887	3	<0.01	17	650	8	10	<20	378	<0.01	<10	4	<10	6	67
41	9862	5	<0.2	0.24	1270	165	<5	2.96	<1	9	113	1	2.19	20	0.66	752	3	<0.01	15	730	8	<5	<20	108	<0.01	<10	6	<10	6	59
42	9863	670	0.2	0.15	315	30	<5	0.12	<1	1	157	4	0.50	20	0.03	85	6	<0.01	6	20	4	10	<20	48	<0.01	<10	<1	<10	<1	45
43	9864	420	0.2	0.14	370	35	<5	0.21	<1	1	152	4	0.48	20	0.05	183	4	<0.01	5	20	4	10	<20	48	<0.01	<10	<1	<10	1	38
44	9865	25	<0.2	0.14	110	30	<5	1.74	<1	5	120	5	1.13	20	0.39	828	5	<0.01	17	140	6	10	<20	54	<0.01	<10	1	<10	2	75
45	9866	<5	0.2	0.14	70	35	<5	0.71	<1	2	137	5	0.67	20	0.15	432	6	<0.01	7	30	14	10	<20	42	<0.01	<10	<1	<10	1	35
46	9867	10	1.4	0.24	1545	60	<5	5.18	<1	14	72	54	3.39	20	1.07	2038	3	<0.01	23	1340	28	40	<20	24	<0.01	<10	11	<10	6	168
47	9868	5	0.3	0.15	50	35	<5	0.47	<1	2	155	11	0.56	20	0.09	319	6	<0.01	6	30	18	15	<20	42	<0.01	<10	<1	<10	<1	35
48	9869	15	12.6	0.13	110	35	<5	1.15	5	4	119	480	0.94	20	0.25	591	12	<0.01	10	130	40	315	<20	42	<0.01	<10	<1	<10	1	187
49	9870	195	<0.2	0.17	260	70	<5	2.55	<1	7	115	4	1.70	20	0.54	783	5	<0.01	16	510	4	5	<20	96	<0.01	<10	3	<10	4	86
50	9871	>1000	0.6	0.17	1815	55	<5	1.49	<1	5	127	6	1.42	20	0.29	604	5	<0.01	10	390	8	15	<20	84	<0.01	<10	1	<10	3	138
51	9872	>1000	0.6	0.13	2255	35	<5	0.28	<1	3	145	6	0.82	20	0.06	221	6	<0.01	7	80	6	15	<20	54	<0.01	<10	<1	<10	<1	112
52	9873	60	<0.2	0.15	320	40	<5	0.38	<1	1	147	4	0.62	20	0.08	277	6	<0.01	6	70	6	10	<20	48	<0.01	<10	<1	<10	<1	59
53	9874	165	0.2	0.13	315	40	<5	0.17	<1	2	154	5	0.47	20	0.04	156	8	<0.01	6	40	12	15	<20	54	<0.01	<10	<1	<10	<1	83
54	9892	600	2.8	0.27	3450	35	<5	5.26	<1	25	74	49	4.33	<10	1.34	2556	3	<0.01	70	1030	594	75	<20	174	0.01	<10	13	<10	5	435
55	9893	30	0.4	0.18	425	90	<5	3.13	<1	9	101	10	2.42	10	0.57	1238	3	<0.01	16	750	56	10	<20	180	<0.01	<10	5	<10	6	87
56	9894	250	0.2	0.20	360	125	<5	3.12	<1	9	98	2	2.38	20	0.60	851	2	<0.01	16	790	16	15	<20	114	<0.01	<10	8	<10	6	58
57	9895	<5	<0.2	0.19	435	180	<5	3.05	<1	9	97	2	2.27	20	0.60	754	2	<0.01	17	750	10	<5	<20	120	<0.01	<10	5	<10	6	42
58	9896	>1000	1.7	0.20	6705	45	<5	1.66	<1	10	120	10	2.70	10	0.33	648	4	<0.01	14	740	18	25	<20	102	<0.01	<10	3	<10	4	263
59	9897	160	0.4	0.21	1910	95	<5	2.73	<1	9	92	5	2.52	20	0.56	780	<1	<0.01	16	760	14	30	<20	138	<0.01	<10	6	<10	6	66
60	9898	710	0.3	0.20	355	90	<5	2.50	<1	9	98	4	2.32	20	0.55	681	3	<0.01	16	710	16	25	<20	180	<0.01	<10	8	<10	6	43
61	9901	140	<0.2	0.36	30	295	<5	2.92	<1	8	119	17	2.18	20	0.75	835	5	0.02	20	770	20	20	<20	186	<0.01	<10	16	<10	8	62
62	9987	<5	<0.2	0.23	<5	170	<5	3.56	<1	14	90	12	2.72	20	0.92	1463	2	<0.01	33	830	34	10	<20	168	<0.01	<10	11	<10	6	90
63	9988	140	0.2	0.22	120	190	<5	4.87	<1	17	70	16	3.30	10	1.31	2020	<1	<0.01	50	970	40	<5	<20	120	<0.01	<10	14	<10	7	116
64	9989	<5	<0.2	0.41	<5	1300	<5	3.80	<1	16	107	4	2.76	20	1.15	778	4	0.01	49	810	22	<5	<20	222	<0.01	<10	16	<10	6	74
65	9990	5	<0.2	0.16	20	200	<5	0.86	<1	1	105	2	0.72	<10	0.03	474	<1	<0.01	5	30	36	50	<20	222	<0.01	<10	<1	<10	5	35
66	9991	5	<0.2	0.26	280	535	<5	3.20	<1	9	107	6	2.23	20	0.72	831	4	0.01	21	690	20	15	<20	336	<0.01	<10	9	<10	5	74
67	9992	<5	<0.2	0.18	10	825	<5	2.84	<1	8	84	2	1.94	20	0.61	628	<1	<0.01	14	610	8	15	<20	216	<0.01	<10	7	<10	5	57
68	9993	<5	<0.2	0.18	10	905	<5	2.62	<1	8	98	4	1.81	20	0.56	571	<1	<0.01	14	570	12	10	<20	186	<0.01	<10	6	<10	6	51
69	9994	5	<0.2	0.25	30	645	<5	2.63	<1	8	108	2	1.92	20	0.56	642	4	0.01	13	640	8	5	<20	174	<0.01	<10	7	<10	6	47
70	9995	<5	<0.2	0.19	15	850	<5	2.47	<1	7	105	2	1.77	30	0.52	564	<1	<0.01	13	570	8	<5	<20	180	<0.01	<10	5	<10	5	42
71	9996	<5	<0.2	0.19	180	245	<5	2.87	<1	9	101	4	2.25	20	0.62	642	3	<0.01	15	710	8	<5	<20	156	<0.01	<10	7	<10	6	48
72	9997	30	<0.2	0.18	930	180	<5	2.86	<1	8	118	2	2.07	20	0.58	864	3	<0.01	15	630	8	5	<20	132	<0.01	<10	5	<10	5	54
73	9998	10	<0.2	0.20	245	340	<5	4.34	<1	14	108	2	2.77	20	1.12	1331	3	<0.01	39	770	12	<5	<20	168	<0.01	<10	11	<10	6	137
74	9999	40	<0.2	0.17	835	175	<5	2.83	<1	8	100	2	2.09	20	0.59	882	3	<0.01	16	700	8	5	<20	120	<0.01	<10	4	<10	5	64
75	10000	310	1.0	0.21	2040	140	<5	3.96	<1	14	89	70	3.24	20	0.88	1517	3	<0.01	21	1130	34	35	<20	102	<0.01	<10	7	<10	5	131

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Tl %	U	V	W	Y	Zn
QC DATA:																														
Resplit:																														
1	7365	65	<0.2	0.26	60	690	<5	3.54	<1	10	135	5	2.41	20	0.88	652	5	<0.01	19	710	10	10	<20	264	<0.01	<10	8	<10	3	87
36	9857	15	<0.2	0.25	90	700	<5	5.17	<1	18	95	11	3.48	20	1.36	1081	2	<0.01	43	910	16	20	<20	234	<0.01	<10	15	<10	6	113
71	9996	<5	<0.2	0.18	160	250	<5	2.87	<1	8	108	1	2.23	20	0.61	634	3	<0.01	16	730	8	<5	<20	144	<0.01	<10	7	<10	6	48
Repeat:																														
1	7365	10	<0.2	0.26	445	865	<5	3.72	<1	<1	122	8	2.55	30	0.88	675	16	<0.01	43	<10	<2	110	<20	342	<0.01	130	13	<10	<1	82
7	7392	460	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	7393	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	7395	170	3.4	0.31	685	100	<5	5.58	5	20	54	24	4.22	20	1.66	2369	<1	<0.01	34	1620	106	485	<20	324	0.01	<10	21	<10	5	595
19	8227	90	<0.2	0.19	355	185	<5	2.06	<1	6	129	4	1.48	20	0.41	780	3	<0.01	13	460	8	5	<20	48	<0.01	<10	2	<10	3	50
27	8235	550	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36	9857	15	<0.2	0.26	100	640	<5	4.92	<1	18	88	11	3.32	20	1.36	1040	1	<0.01	42	880	14	20	<20	306	<0.01	<10	14	<10	5	102
45	9866	<5	<0.2	0.15	70	30	<5	0.71	<1	2	140	4	0.66	20	0.14	433	6	<0.01	7	30	14	10	<20	36	<0.01	<10	<1	<10	1	35
54	9892	685	2.7	0.29	3480	40	<5	5.30	<1	25	76	49	4.36	<10	1.33	2571	4	<0.01	70	1070	610	75	<20	156	0.01	<10	14	<10	5	443
71	9996	-	<0.2	0.17	170	245	<5	2.83	<1	8	99	2	2.18	20	0.60	627	3	<0.01	15	710	10	<5	<20	150	<0.01	<10	7	<10	6	48
Standard:																														
GEO '03		140	1.4	1.57	55	150	<5	1.79	<1	20	61	83	3.90	<10	0.77	662	<1	<0.01	32	730	22	<5	<20	41	0.11	<10	70	<10	9	71
GEO '03		135	1.5	1.63	60	140	<5	1.83	<1	20	60	83	4.23	<10	0.82	712	<1	<0.01	30	790	22	<5	<20	48	0.12	<10	75	<10	9	72
GEO '03		135	1.5	1.61	55	150	<5	1.80	<1	21	61	85	3.89	<10	0.74	659	<1	<0.01	31	760	20	<5	<20	49	0.10	<10	67	<10	8	72

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/kk
df/563g
XLS/03
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Eco Tech Laboratory Ltd.

ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING

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CERTIFICATE OF ASSAY AK 2003-569

CME MANAGING CONSULTANTS LTD.
#2130 - 21331 Gordon Way
Richmond, BC
V6W 1J9

27-Nov-03

No. of samples received: 75
Sample type: Core
Project Name: Skukum
Project Number: CP56C

ET #.	Tag #	Au (g/t)	Au (oz/t)
14	7399	10.4	0.303
25	8233	5.10	0.149
26	8234	1.36	0.040
28	8236	3.03	0.088
29	8237	1.04	0.030
50	9871	1.44	0.042
51	9872	1.41	0.041
58	9896	2.93	0.085

QC DATA:

Standard:

PM163	1.63	0.048

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/kk
XLS/03
Fax: Richmond Office & email

2-Dec-03

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2003-595

CME MANAGING CONSULTANTS LTD.
#2130 - 21331 Gordon Way
Richmond, BC
V6W 1J9

No. of samples received: 119
Sample type: Core
Project Name: Skukum
Project Number: CP56C
Submitted By: TV

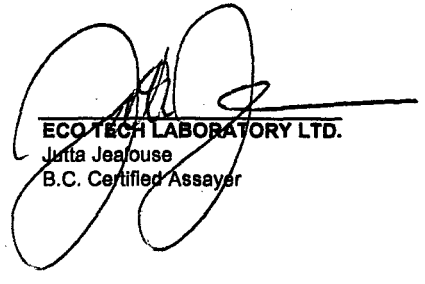
Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Tl %	U	V	W	Y	Zn
1	7367	25	<0.2	0.19	215	225	<5	2.48	<1	6	78	3	1.69	10	0.69	867	2	0.04	12	570	8	<5	<20	79	0.01	<10	5	<10	7	21
2	7368	265	0.8	0.25	300	95	<5	1.96	7	10	59	14	1.55	<10	0.58	744	11	0.04	12	470	18	20	<20	106	0.01	<10	5	<10	6	456
3	7369	125	0.2	0.21	450	125	<5	1.89	<1	7	65	6	1.57	10	0.60	813	3	0.05	12	510	14	20	<20	106	0.01	<10	5	<10	8	35
4	7370	210	<0.2	0.18	1375	115	<5	2.30	<1	7	55	3	1.72	<10	0.69	1260	<1	0.04	12	580	4	15	<20	79	0.02	<10	6	<10	7	28
5	7371	105	0.2	0.21	505	160	<5	2.37	<1	7	82	9	1.76	<10	0.76	836	3	0.04	12	580	4	10	<20	104	0.01	<10	5	<10	8	25
6	7372	<5	0.2	0.18	90	180	<5	2.24	<1	6	60	16	1.70	10	0.72	657	2	0.04	12	550	8	15	<20	105	0.01	<10	6	<10	7	23
7	7373	<5	<0.2	0.17	40	110	<5	0.41	2	2	79	2	0.71	<10	0.11	366	3	0.03	4	90	50	35	<20	64	<0.01	<10	<1	<10	6	152
8	7374	205	<0.2	0.16	485	210	<5	2.53	<1	8	54	4	1.86	10	0.81	1088	<1	0.04	12	630	8	5	<20	107	0.02	<10	9	<10	8	63
9	7383	25	0.2	0.14	115	60	<5	1.56	<1	4	91	8	1.14	10	0.46	578	5	0.02	9	310	28	20	<20	54	<0.01	<10	2	<10	3	49
10	7384	75	0.9	0.14	290	155	<5	1.45	<1	4	75	16	1.13	10	0.42	501	2	0.02	8	350	12	20	<20	54	<0.01	<10	2	<10	3	40
11	7385	45	1.1	0.17	225	85	<5	1.56	<1	5	105	16	1.34	10	0.46	589	4	0.02	8	360	8	25	<20	54	0.01	<10	2	<10	4	41
12	7386	105	4.9	0.16	340	65	<5	1.40	<1	4	80	48	1.29	10	0.42	504	2	0.02	8	410	10	40	<20	60	<0.01	<10	2	<10	4	54
13	7387	50	3.0	0.16	330	50	<5	1.47	<1	5	100	29	1.31	10	0.45	563	4	0.02	8	410	2	30	<20	60	0.01	<10	2	<10	3	38
14	8037	<5	<0.2	0.73	<5	50	<5	1.69	<1	7	58	6	1.71	<10	0.60	638	1	0.04	12	570	10	10	<20	67	0.02	<10	31	<10	8	45
15	8038	<5	<0.2	0.67	<5	85	<5	1.56	<1	7	75	7	1.77	10	0.53	632	2	0.05	11	580	10	10	<20	75	0.02	<10	34	<10	8	40
16	8039	5	<0.2	0.76	<5	495	<5	3.13	<1	7	70	6	1.79	<10	0.73	954	1	0.04	15	580	18	15	<20	98	0.02	<10	27	<10	10	55
17	8040	<5	<0.2	0.71	<5	90	<5	1.54	<1	7	75	7	1.77	<10	0.66	600	2	0.05	12	580	12	10	<20	61	0.02	<10	35	<10	6	46
18	8041	<5	<0.2	0.75	<5	80	<5	1.63	<1	7	65	7	1.93	10	0.64	709	<1	0.05	11	640	14	10	<20	69	0.02	<10	37	<10	8	61
19	8042	<5	<0.2	0.74	<5	160	<5	1.65	<1	7	76	9	1.98	10	0.54	761	2	0.05	10	640	10	15	<20	81	0.02	<10	38	<10	8	47
20	8043	<5	<0.2	0.55	<5	385	<5	1.03	<1	6	65	5	1.49	<10	0.17	707	1	0.04	8	550	14	10	<20	69	0.01	<10	15	<10	6	44
21	8044	10	<0.2	0.64	<5	270	<5	1.01	<1	7	65	11	1.79	10	0.26	871	2	0.04	9	680	14	10	<20	68	0.01	<10	25	<10	6	49
22	8045	5	<0.2	0.77	5	480	<5	0.22	<1	8	76	12	1.82	<10	0.12	673	2	0.02	8	630	24	10	<20	62	0.01	<10	11	<10	5	105
23	8046	10	1.7	0.37	30	65	<5	0.14	1	7	68	68	1.43	<10	0.06	350	9	0.02	5	360	32	40	<20	37	<0.01	<10	5	<10	5	66
24	8047	<5	0.4	0.63	<5	625	<5	0.57	<1	7	75	11	1.77	10	0.11	985	3	0.03	7	660	26	15	<20	73	0.02	<10	15	<10	5	80
25	8048	<5	0.2	0.57	<5	160	<5	1.08	<1	6	59	11	1.51	10	0.15	1084	1	0.03	8	640	22	15	<20	74	0.01	<10	15	<10	6	69
26	8049	<5	<0.2	0.68	<5	100	<5	1.31	<1	7	63	10	1.83	10	0.38	1015	2	0.04	10	630	20	20	<20	81	0.02	<10	27	<10	8	66
27	8050	<5	<0.2	0.72	<5	140	<5	1.06	<1	7	67	5	1.92	10	0.29	912	1	0.04	9	610	12	10	<20	88	0.02	<10	24	<10	6	67
28	8051	10	<0.2	0.54	<5	55	<5	1.32	<1	5	74	5	1.50	<10	0.27	839	2	0.04	9	500	14	20	<20	87	0.02	<10	23	<10	7	38
29	8052	30	2.1	0.56	<5	260	<5	0.68	3	7	57	16	1.56	10	0.15	959	1	0.03	8	610	266	20	<20	57	0.01	<10	15	<10	5	153
30	8053	<5	0.3	0.49	<5	345	<5	0.40	<1	6	74	5	1.62	10	0.09	758	2	0.03	6	630	16	10	<20	48	0.01	<10	18	<10	4	128
31	8054	<5	1.7	0.49	<5	445	<5	0.58	<1	6	70	4	1.62	10	0.12	1051	1	0.04	6	560	126	10	<20	56	0.02	<10	17	<10	5	160
32	8055	5	0.6	0.52	<5	595	<5	0.46	<1	6	86	4	1.61	10	0.10	826	3	0.04	7	610	28	15	<20	53	0.01	<10	16	<10	5	120
33	8056	5	1.2	0.60	<5	515	<5	0.62	<1	7	70	10	1.75	10	0.12	1275	3	0.03	7	650	60	15	<20	82	0.02	<10	15	<10	5	164
34	8057	5	0.7	0.58	<5	675	<5	0.41	<1	8	78	4	1.72	10	0.13	1014	3	0.03	8	680	36	15	<20	68	0.02	<10	17	<10	5	182
35	8058	5	0.3	0.57	<5	445	<5	0.84	<1	6	79	5	1.54	10	0.19	980	18	0.04	8	640	18	15	<20	77	0.02	<10	18	<10	6	103

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
36	8059	15	<0.2	0.71	<5	180	<5	1.16	<1	7	76	4	1.78	10	0.37	882	2	0.05	10	640	14	15	<20	81	0.02	<10	27	<10	7	48
37	8060	15	<0.2	0.72	<5	295	<5	0.81	<1	7	78	8	1.91	10	0.16	993	2	0.04	9	690	16	10	<20	75	0.02	<10	17	<10	6	75
38	8061	55	<0.2	0.68	<5	170	<5	1.50	<1	6	70	7	1.70	10	0.41	761	1	0.04	10	600	12	10	<20	90	0.02	<10	29	<10	7	46
39	8062	15	<0.2	0.75	<5	185	<5	1.55	<1	7	80	7	1.99	10	0.39	823	3	0.05	11	630	14	10	<20	105	0.02	<10	31	<10	8	48
40	8063	15	<0.2	0.72	<5	165	<5	1.41	<1	7	72	9	1.90	10	0.40	745	1	0.04	10	610	20	10	<20	96	0.02	<10	26	<10	7	51
41	8064	15	<0.2	0.62	<5	350	<5	1.28	<1	7	75	7	1.87	10	0.33	813	2	0.04	10	640	14	5	<20	85	0.01	<10	18	<10	6	58
42	8065	15	<0.2	0.42	<5	285	<5	0.97	<1	6	67	9	1.65	10	0.23	768	1	0.04	9	630	12	10	<20	64	0.01	<10	15	<10	5	49
43	8066	15	<0.2	0.49	<5	485	<5	1.23	<1	6	70	9	1.71	10	0.31	736	2	0.04	9	600	12	10	<20	85	0.01	<10	18	<10	6	42
44	8067	25	<0.2	0.25	<5	230	<5	0.68	<1	6	65	15	1.69	10	0.30	662	2	0.04	6	620	14	5	<20	67	0.01	<10	15	<10	5	53
45	8068	15	0.6	0.18	<5	405	<5	0.86	<1	7	58	31	1.84	10	0.35	943	3	0.03	7	560	32	<5	<20	77	0.02	<10	10	<10	5	84
46	8069	25	0.5	0.19	<5	45	<5	0.77	<1	6	72	20	1.66	<10	0.28	940	7	0.03	5	530	14	5	<20	68	0.02	<10	12	<10	5	107
47	8070	10	0.6	0.21	<5	35	<5	1.40	<1	6	70	6	1.66	10	0.23	1285	3	0.04	8	540	30	<5	<20	136	0.02	<10	6	<10	9	108
48	8071	15	0.2	0.19	<5	45	<5	0.46	<1	1	49	2	0.62	10	0.05	332	2	0.04	3	60	42	<5	<20	32	<0.01	<10	<1	<10	12	37
49	8072	10	0.2	0.22	<5	190	<5	1.74	4	6	67	7	1.65	10	0.40	772	2	0.04	10	630	20	<5	<20	120	0.02	<10	13	<10	8	270
50	8073	10	0.5	0.24	5	285	<5	0.56	<1	7	79	13	1.89	<10	0.32	677	9	0.04	7	600	66	<5	<20	41	0.01	<10	7	<10	5	112
51	8074	50	0.4	0.27	5	300	<5	1.29	<1	7	78	16	1.95	<10	0.55	734	7	0.04	10	620	40	<5	<20	87	0.01	<10	10	<10	7	81
52	8075	70	0.3	0.31	<5	360	<5	1.40	<1	7	51	9	1.99	<10	0.52	677	1	0.03	9	640	20	<5	<20	92	0.01	<10	13	<10	7	53
53	8076	10	0.2	0.26	<5	380	<5	0.62	<1	8	67	6	2.01	<10	0.29	577	3	0.03	6	650	12	<5	<20	60	0.01	<10	11	<10	5	38
54	8077	120	0.4	0.56	15	70	<5	0.61	<1	9	66	10	1.88	<10	0.21	461	3	0.04	9	660	22	<5	<20	35	0.01	<10	12	<10	6	33
55	8078	>1000	2.8	0.19	10	60	<5	0.09	<1	<1	47	3	0.89	20	0.04	269	24	0.03	2	30	20	<5	<20	22	<0.01	<10	<1	<10	11	52
56	9875	25	3.8	0.14	85	30	<5	0.48	<1	2	76	140	0.48	10	0.14	310	13	0.02	4	70	44	110	<20	31	<0.01	<10	<1	<10	2	42
57	9876	40	1.1	0.16	125	40	<5	0.34	<1	3	100	32	0.47	20	0.11	173	31	0.02	5	50	10	35	<20	35	<0.01	<10	<1	<10	2	23
58	9877	75	1.9	0.14	75	30	<5	0.42	<1	1	94	53	0.44	20	0.12	256	7	0.02	4	30	4	45	<20	31	<0.01	<10	<1	<10	2	35
59	9878	235	8.2	0.16	315	40	<5	0.58	<1	3	91	94	0.84	20	0.17	405	21	0.02	6	90	56	80	<20	36	<0.01	<10	<1	<10	2	68
60	9879	>1000	0.2	0.14	900	50	<5	0.46	<1	2	69	4	0.67	10	0.12	236	2	0.02	4	130	4	5	<20	19	<0.01	<10	1	<10	2	33
61	9880	>1000	0.8	0.14	2695	55	<5	0.04	<1	2	79	8	0.91	10	0.02	23	3	0.02	3	110	2	15	<20	13	<0.01	<10	<1	<10	1	135
62	9881	>1000	0.8	0.15	3195	40	<5	0.06	<1	2	85	9	0.97	10	0.03	31	5	0.02	3	110	2	15	<20	15	<0.01	<10	<1	<10	2	40
63	9882	>1000	0.2	0.16	540	65	<5	0.58	<1	2	92	3	0.73	10	0.16	283	4	0.02	5	120	4	10	<20	21	<0.01	<10	1	<10	2	31
64	9883	>1000	<0.2	0.15	660	45	<5	0.78	<1	2	80	4	0.74	10	0.24	350	5	0.02	7	120	4	10	<20	26	<0.01	<10	1	<10	2	37
65	9884	>1000	0.5	0.19	770	85	<5	0.89	<1	4	87	6	1.09	10	0.28	302	3	0.03	9	300	12	15	<20	53	<0.01	<10	2	<10	3	76
66	9885	25	<0.2	0.22	525	140	<5	2.76	<1	8	74	2	1.90	10	0.87	693	1	0.03	14	570	4	<5	<20	93	0.01	<10	7	<10	6	41
67	9886	20	<0.2	0.22	410	170	<5	2.86	<1	8	87	2	1.96	10	0.91	674	3	0.03	14	590	4	<5	<20	117	0.01	<10	8	<10	7	42
68	9887	50	<0.2	0.22	555	165	<5	2.67	<1	7	74	4	1.87	10	0.86	764	2	0.02	14	610	4	<5	<20	122	0.01	<10	10	<10	6	41
69	9888	175	<0.2	0.19	440	195	<5	2.18	<1	7	64	2	1.93	10	0.78	683	3	0.04	13	590	4	<5	<20	127	0.01	<10	14	<10	7	55
70	9889	20	<0.2	0.28	350	275	<5	4.47	<1	20	59	5	3.56	10	2.06	1001	<1	0.03	53	750	4	<5	<20	221	0.02	<10	21	<10	6	91
71	9890	65	0.4	0.21	945	85	<5	5.89	<1	16	61	5	3.15	<10	2.17	1314	<1	0.03	43	720	10	<5	<20	212	0.03	<10	17	<10	6	77
72	9891	10	<0.2	0.18	55	290	<5	1.71	<1	7	60	2	1.77	10	0.66	452	2	0.05	11	610	4	<5	<20	125	0.01	<10	17	<10	8	31
73	9902	35	<0.2	0.20	155	155	<5	2.54	<1	7	61	3	1.74	<10	0.82	839	2	0.05	12	560	6	25	<20	102	0.01	<10	7	<10	7	22
74	9903	15	0.8	0.60	75	270	<5	4.90	6	22	82	147	3.97	<10	2.74	1320	<1	0.06	70	1000	32	135	<20	206	0.03	<10	33	<10	8	372
75	9904	10	0.4	0.17	10	160	<5	2.83	<1	7	62	22	1.74	10	0.94	897	2	0.04	13	530	10	20	<20	98	0.01	<10	5	<10	5	39
76	9905	5	<0.2	0.18	20	265	<5	2.34	<1	7	72	4	1.58	10	0.72	736	8	0.04	12	540	4	5	<20	105	0.01	<10	5	<10	5	29
77	9906	10	0.3	0.17	20	150	<5	2.57	<1	7	66	12	1.66	10	0.71	768	10	0.04	13	530	6	15	<20	85	0.01	<10	5	<10	5	30
78	9907	5	0.3	0.18	395	95	<5	2.47	<1	7	70	4	1.82	<10	0.71	677	6	0.04	12	580	6	15	<20	82	0.01	<10	6	<10	6	23
79	9908	10	<0.2	0.19	205	170	<5	2.63	<1	7	72	4	1.73	10	0.76	674	3	0.04	12	560	4	10	<20	83	0.01	<10	6	<10	6	21
80	9909	10	<0.2	0.18	315	80	<5	2.51	<1	7	75	5	1.88	<10	0.70	683	9	0.03	13	570	4	20	<20	99	0.01	<10	6	<10	6	24

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Tl %	U	V	W	Y	Zn
81	9910	15	<0.2	0.19	200	85	<5	2.74	<1	7	77	5	1.93	<10	0.79	797	2	0.03	14	590	4	15	<20	82	0.01	<10	6	<10	6	34
82	9911	30	<0.2	0.17	135	85	<5	2.84	<1	7	66	7	1.93	<10	0.82	914	2	0.02	14	580	4	10	<20	104	0.02	<10	5	<10	6	29
83	10086	10	<0.2	0.23	<5	240	<5	2.45	<1	7	69	6	1.74	10	0.72	752	3	0.07	13	610	8	<5	<20	165	0.02	<10	15	<10	11	28
84	10087	30	0.4	0.20	10	80	<5	2.46	<1	7	57	17	1.34	10	0.47	545	3	0.06	16	260	38	10	<20	287	0.01	<10	6	<10	9	44
85	10088	10	0.3	0.57	5	45	<5	4.74	<1	17	54	68	3.54	<10	1.67	898	2	0.06	36	1100	26	30	<20	153	0.02	<10	33	<10	10	112
86	10089	10	0.3	0.89	<5	15	<5	4.05	<1	18	63	45	3.56	<10	1.73	882	<1	0.05	40	1030	28	5	<20	142	<0.01	<10	39	<10	9	132
87	10090	10	<0.2	0.31	<5	280	<5	2.48	<1	7	57	4	1.61	10	0.70	547	1	0.06	14	580	12	<5	<20	121	<0.01	<10	15	<10	11	28
88	10091	10	0.4	0.21	15	115	<5	4.26	<1	10	72	57	1.94	<10	0.94	730	36	0.04	18	630	42	35	<20	104	0.01	<10	7	<10	9	37
89	10092	15	<0.2	0.18	30	500	<5	1.39	<1	3	105	4	0.91	<10	0.41	262	15	0.06	8	140	6	10	<20	76	<0.01	<10	3	<10	5	13
90	10093	20	<0.2	0.21	160	150	<5	3.00	<1	7	74	3	1.81	<10	0.97	1739	4	0.05	16	640	6	<5	<20	165	0.02	<10	8	<10	9	28
91	10094	380	0.2	0.24	2290	25	5	4.60	<1	18	62	16	3.35	<10	1.69	3488	4	0.05	56	850	28	20	<20	153	0.04	<10	15	<10	10	291
92	10095	10	0.3	0.18	10	125	<5	2.29	<1	7	79	48	1.95	<10	0.79	952	5	0.05	13	560	8	35	<20	90	0.02	<10	10	<10	7	42
93	10096	10	<0.2	0.22	10	170	<5	2.19	<1	8	84	3	2.01	10	0.93	882	4	0.06	19	640	6	5	<20	150	0.02	<10	11	<10	8	35
94	10097	10	<0.2	0.18	10	460	<5	2.24	<1	7	68	4	1.70	10	0.66	595	2	0.04	13	620	8	25	<20	140	0.01	<10	8	<10	8	29
95	10098	>1000	1.0	0.21	2000	40	<5	1.40	<1	12	79	13	2.22	<10	0.44	979	4	0.03	21	840	50	25	<20	80	0.02	<10	4	<10	6	198
96	10101	15	0.2	0.20	345	110	<5	2.77	<1	8	66	3	1.82	<10	0.81	752	2	0.03	14	710	26	5	<20	100	0.01	<10	4	<10	6	59
97	10102	5	<0.2	0.19	10	155	<5	2.68	<1	7	70	6	1.94	10	0.82	690	3	0.04	13	620	10	<5	<20	123	<0.01	<10	8	<10	7	28
98	10103	15	<0.2	0.15	20	60	<5	0.25	<1	2	66	8	0.79	<10	0.10	466	4	0.03	5	70	38	25	<20	38	<0.01	<10	<1	<10	4	69
99	10104	60	0.2	0.18	645	60	<5	0.27	<1	<1	68	2	0.67	<10	0.06	200	4	0.03	3	50	80	40	<20	51	<0.01	<10	<1	<10	4	130
100	10105	25	0.2	0.18	695	100	<5	2.37	<1	7	56	9	1.60	10	0.69	1003	2	0.04	14	590	18	30	<20	135	0.01	<10	6	<10	7	85
101	10106	5	0.5	1.74	<5	575	10	5.01	1	28	117	58	4.24	10	3.20	1477	<1	0.06	102	1040	32	40	<20	314	0.03	<10	60	<10	10	213
102	10107	5	0.4	2.74	<5	390	5	5.18	<1	30	148	47	4.52	10	3.95	1583	<1	0.06	122	1040	36	15	<20	203	0.04	<10	75	<10	10	232
103	10108	5	0.2	2.27	10	605	<5	4.11	<1	30	139	38	4.76	20	3.64	1490	<1	0.08	113	1100	28	40	<20	260	0.04	<10	76	<10	11	202
104	10109	5	0.2	0.23	<5	620	<5	3.02	<1	13	58	21	2.54	20	1.15	896	2	0.06	27	650	6	<5	<20	189	0.02	<10	21	<10	9	38
105	10110	10	<0.2	0.26	<5	760	<5	2.66	<1	14	61	15	2.86	10	1.12	777	1	0.06	30	710	6	<5	<20	263	0.02	<10	25	<10	8	46
106	10111	5	0.2	0.18	<5	845	<5	3.03	<1	10	52	17	2.10	10	1.19	677	1	0.06	22	630	4	5	<20	292	0.01	<10	17	<10	9	29
107	10112	5	0.3	0.20	<5	890	<5	3.39	<1	11	64	17	2.19	10	1.31	760	2	0.06	26	600	6	15	<20	308	0.02	<10	17	<10	9	35
108	10113	20	0.3	0.19	5	130	<5	2.72	<1	7	68	3	1.69	10	0.83	657	4	0.04	15	610	6	<5	<20	119	0.01	<10	9	<10	7	36
109	10114	95	0.5	0.22	50	190	<5	5.84	<1	16	53	4	3.28	<10	2.00	1398	<1	0.04	37	670	8	<5	<20	228	0.02	<10	17	<10	6	107
110	10115	475	>30	0.17	105	155	<5	2.67	9	8	75	109	1.82	<10	0.82	1413	3	0.04	15	560	798	105	<20	121	0.02	<10	9	<10	7	593
111	10116	2	0.2	0.19	<5	350	<5	2.31	<1	8	58	3	1.76	10	0.74	678	6	0.05	13	630	10	<5	<20	123	0.01	<10	13	<10	7	30
112	10143	185	0.3	0.19	285	245	<5	2.55	<1	8	64	7	1.98	<10	1.00	666	4	0.05	14	610	12	10	<20	108	0.01	<10	10	<10	7	51
113	10144	10	0.2	0.32	35	145	<5	4.01	<1	26	63	33	4.05	10	2.10	1136	1	0.07	59	1060	10	25	<20	191	0.03	<10	36	<10	9	115
114	10145	15	<0.2	0.18	70	515	<5	2.06	<1	8	64	10	1.95	10	0.84	548	4	0.05	13	630	4	5	<20	112	0.01	<10	13	<10	7	28
115	10146	10	<0.2	0.17	<5	635	<5	1.88	<1	8	51	6	1.97	10	0.82	534	4	0.05	12	640	4	<5	<20	95	0.01	<10	17	<10	8	30
116	10147	185	<0.2	0.17	765	90	<5	2.26	<1	8	61	5	2.11	10	0.81	825	3	0.04	13	630	8	10	<20	123	0.02	<10	13	<10	8	29
117	10148	10	<0.2	0.16	<5	480	<5	1.86	<1	8	51	5	1.88	10	0.76	528	3	0.05	11	670	6	<5	<20	102	0.01	<10	16	<10	9	27
118	10149	>1000	>30	0.55	>10000	15	<5	0.46	429	58	2367	1843	7.50	<10	0.27	919	26	0.02	2042	180	>10000	990	<20	16	0.05	<10	23	260	3	>10000
119	10150	5	0.3	1.16	15	60	<5	0.68	<1	11	115	19	1.90	<10	0.70	276	11	0.09	25	480	20	<5	<20	25	0.45	<10	29	<10	7	44
QC DATA:																														
Resplit:																														
1	7367	25	<0.2	0.20	190	235	<5	2.44	<1	6	83	3	1.66	10	0.69	838	3	0.04	11	580	6	<5	<20	80	0.01	<10	5	<10	7	20
36	8059	10	<0.2	0.71	<5	185	<5	1.13	<1	7	74	3	1.75	10	0.38	843	2	0.05	10	610	12	15	<20	79	0.02	<10	26	<10	6	47
71	9890	60	0.4	0.21	910	85	<5	6.15	<1	16	62	5	3.28	<10	2.26	1370	<1	0.04	44	750	10	<5	<20	221	0.02	<10	18	<10	6	78
106	10111	10	<0.2	0.21	<5	810	<5	2.94	<1	10	68	19	2.08	10	1.17	659	2	0.06	23	600	6	10	<20	284	0.01	<10	17	<10	8	30

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Tl %	U	V	W	Y	Zn
Repeat:																														
1	7367	25	<0.2	0.18	230	220	<5	2.48	<1	6	78	3	1.70	10	0.70	867	3	0.04	12	560	8	<5	<20	79	0.01	<10	5	<10	7	21
2	7368	290	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	7384	70	0.9	0.14	285	150	<5	1.47	<1	4	76	16	1.14	10	0.43	511	2	0.02	8	360	12	25	<20	56	<0.01	<10	2	<10	3	41
19	8042	<5	<0.2	0.70	<5	155	<5	1.58	<1	7	72	8	1.89	10	0.52	731	2	0.05	10	610	10	10	<20	77	0.02	<10	36	<10	8	45
36	8059	15	<0.2	0.72	<5	185	<5	1.17	<1	7	77	4	1.78	10	0.38	886	2	0.05	10	610	14	10	<20	82	0.02	<10	27	<10	7	48
45	8068	15	0.6	0.19	<5	400	<5	0.85	<1	7	59	30	1.83	10	0.35	936	3	0.03	6	570	32	5	<20	75	0.02	<10	10	<10	5	84
54	8077	40	0.4	0.63	25	75	<5	0.64	<1	9	70	11	1.97	10	0.23	483	3	0.04	9	690	24	<5	<20	37	0.01	<10	13	<10	6	36
57	9876	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
71	9890	65	0.4	0.23	990	85	<5	6.02	<1	16	63	5	3.25	<10	2.24	1350	<1	0.04	43	720	8	<5	<20	221	0.02	<10	18	<10	6	78
80	9909	10	<0.2	0.19	330	90	<5	2.61	<1	8	79	5	1.94	<10	0.71	700	18	0.03	13	630	4	15	<20	102	0.01	<10	6	<10	6	25
89	10092	15	<0.2	0.18	35	555	<5	1.39	<1	4	109	4	0.92	<10	0.41	263	11	0.06	8	150	6	10	<20	75	<0.01	<10	3	<10	5	14
91	10094	440	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
106	10111	10	0.2	0.19	<5	835	<5	3.00	<1	10	53	16	2.08	10	1.19	671	1	0.06	24	630	4	5	<20	290	0.01	<10	17	<10	8	29
110	10115	450	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
115	10146	-	<0.2	0.17	<5	645	<5	1.88	<1	8	51	6	1.97	10	0.82	533	4	0.05	12	640	4	<5	<20	96	0.01	<10	17	<10	8	31
Standard:																														
GEO '03		140	1.5	1.52	55	135	<5	1.54	<1	19	53	85	3.27	<10	0.92	593	<1	0.03	27	640	20	<5	<20	45	0.13	<10	62	<10	8	74
GEO '03		135	1.5	1.44	55	140	5	1.41	<1	17	54	84	3.07	<10	0.86	548	<1	0.03	25	590	20	<5	<20	42	0.10	<10	65	<10	8	76
GEO '03		135	1.5	1.57	60	135	<5	1.58	<1	21	56	80	3.41	<10	0.95	606	1	0.03	28	680	22	<5	<20	46	0.09	<10	69	<10	9	73
GEO '03		135	1.7	1.61	65	145	<5	1.62	<1	22	57	82	3.49	<10	0.97	620	1	0.03	29	690	20	<5	<20	48	0.09	<10	68	<10	9	70



ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

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Eco Tech Laboratory Ltd.

ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING

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CERTIFICATE OF ASSAY AK 2003-595

CME MANAGING CONSULTANTS LTD.
#2130 - 21331 Gordon Way
Richmond, BC
V6W 1J9

3-Dec-03

No. of samples received: 119
Sample type: Core
Project #: Skukum
Samples Submitted by: TV

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)
55	8078	1.74	0.051		
60	9879	2.49	0.073		
61	9880	8.20	0.239		
62	9881	5.10	0.149		
63	9882	1.19	0.035		
64	9883	1.80	0.052		
65	9884	2.16	0.063		
95	10098	1.67	0.049		
110	10115			166	4.84
118	10149	10.5	0.306	1570	45.79
QC DATA:					
Repeats:					
55	8078	1.61	0.047		
60	9879	2.73	0.080		
61	9880	7.96	0.232		
62	9881	4.69	0.137		
65	9884	2.24	0.065		
Standard:					
PM163		1.67	0.049		
PB106				58.6	1.71

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

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XLS/03
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ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2003-601

CME MANAGING CONSULTANTS LTD.
#2130 - 21331 Gordon Way
Richmond, BC
V6W 1J9

No. of samples received: 62
Sample type: Core
Project Name: Skukum
Project Number: P56D
Submitted By: TV

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	7375	75	<0.2	0.21	145	460	<5	2.22	<1	8	75	3	1.74	10	0.69	755	2	0.05	12	610	8	5	<20	80	<0.01	<10	9	<10	8	27
2	7376	5	<0.2	0.19	<5	755	<5	2.06	<1	8	68	2	1.69	20	0.67	564	1	0.05	10	620	6	<5	<20	86	<0.01	<10	8	<10	7	28
3	7377	240	<0.2	0.19	360	205	<5	2.04	<1	8	62	3	1.71	10	0.64	749	2	0.05	12	610	20	15	<20	80	<0.01	<10	7	<10	7	26
4	7378	30	<0.2	0.21	50	225	<5	2.12	<1	7	77	6	1.66	10	0.60	680	4	0.05	11	610	22	35	<20	80	<0.01	<10	6	<10	7	24
5	7379	<5	<0.2	0.20	<5	125	<5	2.05	<1	9	69	7	1.68	10	0.57	621	11	0.05	10	560	32	20	<20	87	<0.01	<10	4	<10	6	25
6	7380	10	<0.2	0.21	10	420	<5	2.64	<1	7	84	8	1.91	10	0.76	799	5	0.05	12	660	24	10	<20	100	<0.01	<10	5	<10	7	34
7	7381	5	<0.2	0.25	470	180	<5	2.72	<1	7	84	3	1.68	10	0.48	861	2	0.03	12	610	32	20	<20	130	<0.01	<10	4	<10	7	63
8	7382	10	0.2	0.20	330	160	<5	1.76	<1	5	114	4	1.34	10	0.45	633	4	0.03	10	390	30	25	<20	74	<0.01	<10	3	<10	5	66
9	10117	30	<0.2	0.31	145	230	<5	2.15	<1	9	86	7	1.87	10	0.71	789	2	0.08	13	620	16	<5	<20	190	<0.01	<10	11	<10	11	33
10	10118	300	<0.2	0.21	490	330	<5	2.97	<1	8	81	7	1.79	<10	0.91	1214	3	0.05	15	580	10	<5	<20	72	<0.01	<10	11	<10	8	50
11	10119	<5	<0.2	2.00	10	85	5	3.08	<1	28	93	21	4.44	10	2.78	1141	1	0.06	72	1050	28	10	<20	104	<0.01	<10	66	<10	8	116
12	10120	5	0.3	0.24	5	80	<5	1.10	2	3	81	5	1.09	<10	0.24	447	3	0.05	10	170	68	10	<20	99	<0.01	<10	3	<10	6	124
13	10121	<5	0.2	0.23	25	205	<5	3.62	<1	14	61	19	2.54	10	1.27	1030	1	0.04	31	760	18	10	<20	233	<0.01	<10	15	<10	8	50
14	10122	<5	<0.2	0.22	10	555	<5	3.91	<1	12	76	17	2.25	10	1.35	974	1	0.05	27	630	12	10	<20	260	<0.01	<10	13	<10	7	38
15	10123	10	<0.2	0.30	10	695	<5	3.12	<1	12	99	10	2.27	20	1.04	794	3	0.06	21	770	10	5	<20	242	<0.01	<10	12	<10	8	41
16	10124	<5	<0.2	0.27	<5	895	<5	1.92	<1	7	86	3	1.50	20	0.54	483	2	0.06	10	540	6	<5	<20	155	<0.01	<10	11	<10	7	24
17	10125	<5	<0.2	0.23	<5	890	<5	2.06	<1	7	85	2	1.46	20	0.64	516	3	0.05	11	570	6	<5	<20	124	<0.01	<10	10	<10	7	24
18	10126	5	<0.2	0.24	<5	885	<5	2.27	<1	8	85	3	1.73	10	0.69	636	2	0.06	12	600	4	<5	<20	138	<0.01	<10	10	<10	7	29
19	10127	20	<0.2	0.27	20	750	<5	3.17	<1	9	74	7	1.65	20	0.84	860	3	0.06	18	630	10	10	<20	164	<0.01	<10	6	<10	7	40
20	10128	<5	<0.2	0.34	<5	285	<5	2.48	<1	3	33	3	1.64	30	0.31	671	2	0.08	7	380	28	<5	<20	494	<0.01	<10	2	<10	12	43
21	10129	45	<0.2	0.28	<5	195	<5	2.40	<1	5	53	4	1.57	20	0.32	753	3	0.07	11	410	16	5	<20	362	<0.01	<10	2	<10	11	41
22	10130	135	0.2	0.32	20	300	<5	1.68	<1	6	49	6	1.29	20	0.22	527	4	0.07	9	460	26	15	<20	258	<0.01	<10	2	<10	10	41
23	10131	610	1.1	0.23	365	160	<5	1.84	<1	6	98	6	1.52	10	0.51	836	4	0.04	12	450	12	25	<20	114	<0.01	<10	4	<10	5	44
24	10132	140	0.2	0.25	205	105	<5	1.45	<1	5	87	3	1.23	10	0.32	646	2	0.04	8	410	8	45	<20	114	<0.01	<10	3	<10	4	32
25	10133	10	<0.2	0.26	50	150	<5	2.18	<1	6	117	6	1.45	10	0.46	871	4	0.04	11	480	12	20	<20	155	<0.01	<10	3	<10	5	33
26	10134	<5	<0.2	0.27	<5	135	<5	1.95	<1	3	74	3	1.97	30	0.33	848	9	0.09	7	320	22	25	<20	258	<0.01	<10	2	<10	10	49
27	10135	>1000	0.3	0.27	1460	115	<5	2.66	<1	8	118	4	2.10	10	0.83	714	14	0.03	14	580	6	10	<20	88	<0.01	<10	6	<10	5	70
28	10136	15	<0.2	0.24	1130	115	<5	2.61	<1	8	97	2	2.00	10	0.80	716	8	0.03	14	640	4	15	<20	94	<0.01	<10	5	<10	5	58
29	10137	135	0.2	0.23	970	105	<5	2.58	<1	8	89	3	1.91	10	0.78	846	6	0.03	13	640	8	20	<20	85	<0.01	<10	6	<10	5	88
30	10138	40	0.2	0.24	1490	90	<5	2.58	<1	8	105	2	2.15	10	0.80	831	3	0.03	14	650	6	10	<20	93	<0.01	<10	6	<10	5	76
31	10139	20	<0.2	0.26	590	140	<5	2.97	<1	8	95	2	2.08	10	0.93	730	2	0.03	15	670	6	10	<20	104	<0.01	<10	7	<10	5	70
32	10140	<5	<0.2	0.29	2570	70	<5	4.08	<1	17	88	4	3.28	<10	1.35	776	2	0.03	36	900	8	30	<20	141	<0.01	<10	11	<10	5	65
33	10141	5	<0.2	0.23	725	125	<5	2.62	<1	8	86	2	1.93	10	0.80	579	2	0.03	14	610	4	10	<20	98	<0.01	<10	5	<10	5	55
34	10142	30	<0.2	0.23	1040	105	<5	2.65	<1	8	90	2	2.04	10	0.81	803	3	0.03	14	690	4	15	<20	100	<0.01	<10	5	<10	5	67
35	10151	<5	<0.2	0.27	380	125	<5	2.17	<1	7	93	4	1.76	10	0.69	553	2	0.04	12	600	6	<5	<20	155	<0.01	<10	6	<10	7	35

CM[redacted]NAGI[redacted]ONSU[redacted]NTS [redacted] [redacted] [redacted] [redacted]CP CE[redacted]CATE[redacted]NALY[redacted]K 20[redacted] [redacted] [redacted] [redacted] [redacted] [redacted]TECH[redacted]ORAT[redacted]TD. [redacted]

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
36	10152	<5	<0.2	0.35	5	1005	<5	5.02	<1	25	68	4	3.60	<10	2.62	870	<1	0.05	62	790	8	<5	<20	293	<0.01	<10	26	<10	6	98
37	10153	<5	<0.2	0.41	30	645	<5	5.67	<1	23	65	5	3.52	<10	2.86	944	<1	0.03	60	780	8	<5	<20	246	<0.01	<10	27	<10	6	101
38	10154	10	<0.2	0.31	275	235	<5	5.24	<1	19	58	2	3.01	<10	2.47	816	<1	0.03	51	540	6	<5	<20	198	<0.01	<10	24	<10	4	86
39	10155	<5	<0.2	0.29	125	165	5	5.32	<1	20	50	2	3.53	10	2.68	1084	<1	0.03	65	710	6	<5	<20	202	<0.01	<10	22	<10	5	100
40	10156	150	1.0	0.26	235	85	<5	2.77	<1	13	68	44	2.13	20	1.30	763	2	0.03	30	400	6	25	<20	129	<0.01	<10	10	<10	5	74
41	10157	20	0.2	0.27	25	140	<5	1.09	<1	3	76	4	1.68	20	0.31	482	4	0.06	6	320	18	<5	<20	192	<0.01	<10	2	<10	9	54
42	10158	5	0.2	0.22	5	100	<5	1.30	<1	3	73	3	1.48	20	0.38	501	5	0.07	6	280	18	<5	<20	249	<0.01	<10	3	<10	8	46
43	10159	<5	<0.2	0.24	<5	110	<5	0.49	<1	3	75	3	1.63	20	0.26	476	3	0.08	4	310	16	<5	<20	109	<0.01	<10	3	<10	8	49
44	10160	>1000	0.5	0.25	2370	115	<5	2.25	<1	8	75	5	1.98	20	0.78	612	1	0.04	13	630	6	5	<20	123	<0.01	<10	8	<10	7	51
45	10161	5	<0.2	0.35	235	250	<5	3.21	<1	12	68	97	2.49	10	1.31	753	2	0.05	26	740	4	<5	<20	166	<0.01	<10	18	<10	7	52
46	10162	<5	<0.2	0.27	60	425	<5	2.50	<1	8	82	3	1.88	20	0.85	603	1	0.05	13	680	4	<5	<20	108	<0.01	<10	10	<10	7	34
47	10163	25	<0.2	0.28	170	240	<5	2.36	<1	7	84	3	1.74	20	0.77	591	<1	0.05	12	630	6	<5	<20	106	<0.01	<10	7	<10	7	30
48	10164	5	<0.2	0.30	90	365	<5	2.22	<1	7	99	3	1.71	20	0.71	560	3	0.05	11	630	4	<5	<20	107	<0.01	<10	8	<10	6	29
49	10165	25	<0.2	0.30	115	230	<5	2.48	<1	7	91	3	1.91	20	0.77	644	<1	0.05	13	700	4	5	<20	130	<0.01	<10	9	<10	7	30
50	10166	5	<0.2	0.29	20	570	<5	2.27	<1	7	95	3	1.75	20	0.73	545	3	0.05	12	610	4	<5	<20	117	<0.01	<10	10	<10	7	27
51	10167	<5	<0.2	0.31	35	535	<5	2.50	<1	8	109	4	1.75	20	0.79	592	<1	0.05	13	650	4	<5	<20	122	<0.01	<10	9	<10	7	31
52	10168	<5	<0.2	0.29	95	340	<5	2.63	<1	8	95	3	1.90	10	0.80	572	5	0.04	13	670	4	<5	<20	127	<0.01	<10	8	<10	6	32
53	10169	65	0.3	0.29	110	285	<5	2.38	<1	9	88	47	2.01	20	0.78	513	4	0.05	14	670	8	25	<20	144	<0.01	<10	12	<10	8	34
54	10170	<5	<0.2	0.28	25	705	<5	2.47	<1	9	97	30	2.06	10	0.94	531	6	0.06	16	630	6	10	<20	190	<0.01	<10	17	<10	8	30
55	10171	<5	<0.2	0.85	<5	885	<5	4.64	<1	27	77	37	4.21	10	2.94	1007	<1	0.08	89	1350	10	5	<20	418	<0.01	<10	48	<10	9	63
56	10172	<5	0.2	0.29	110	355	<5	2.43	<1	8	103	35	1.91	10	0.86	526	6	0.05	16	640	6	20	<20	155	<0.01	<10	11	<10	6	32
57	10173	<5	<0.2	0.36	15	600	<5	1.92	<1	9	105	49	2.06	20	0.76	487	5	0.06	13	660	8	15	<20	153	<0.01	<10	23	<10	9	34
58	10174	<5	0.4	0.27	45	400	<5	2.38	<1	7	84	42	1.67	20	0.70	481	10	0.04	12	590	6	20	<20	117	<0.01	<10	7	<10	7	34
59	10175	<5	<0.2	0.25	50	560	<5	1.71	<1	8	77	27	1.75	10	0.57	388	7	0.05	10	620	6	10	<20	153	<0.01	<10	10	<10	7	28
60	10176	<5	<0.2	0.24	40	605	<5	2.38	<1	7	79	17	1.74	20	0.73	487	2	0.05	11	580	6	5	<20	134	<0.01	<10	10	<10	6	26
61	10199	>1000	>30	0.55	>10000	40	<5	0.48	555	54	2182	1834	6.69	10	0.27	881	26	0.02	1892	230	>10000	885	<20	19	0.01	10	23	<10	4	>10000
62	10200	<5	<0.2	1.38	5	75	<5	0.90	<1	12	146	20	2.03	<10	0.75	314	9	0.12	28	490	28	<5	<20	38	0.14	<10	34	<10	8	40
QC DATA:																														
Resplit:																														
36	10152	<5	<0.2	0.37	<5	1040	5	5.37	<1	25	70	5	3.80	20	2.77	914	<1	0.05	66	870	12	<5	<20	306	<0.01	<10	28	<10	6	101
Repeat:																														
1	7375	100	<0.2	0.20	135	470	<5	2.12	<1	7	73	3	1.67	10	0.67	725	2	0.04	11	580	8	10	<20	78	<0.01	<10	8	<10	7	26
1	7375	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	10118	270	<0.2	0.23	485	360	<5	2.94	<1	8	82	7	1.78	<10	0.90	1202	3	0.05	15	590	10	5	<20	74	<0.01	<10	11	<10	9	49
10	10118	630	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	10127	20	<0.2	0.28	20	785	<5	3.15	<1	9	75	7	1.64	20	0.84	852	2	0.06	18	620	10	10	<20	164	<0.01	<10	6	<10	7	39
23	10131	630	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36	10152	<5	<0.2	0.35	15	980	<5	5.02	<1	25	68	4	3.60	<10	2.64	870	<1	0.05	63	800	8	<5	<20	296	<0.01	<10	26	<10	6	97
45	10161	10	<0.2	0.27	250	250	<5	3.16	<1	12	68	3	2.32	10	1.28	733	1	0.05	25	710	6	<5	<20	175	<0.01	<10	13	<10	7	51
54	10170	<5	<0.2	0.27	25	695	<5	2.45	<1	9	99	29	2.05	10	0.92	527	5	0.06	16	640	14	15	<20	186	<0.01	<10	17	<10	8	30
Standard:																														
GEO '03		135	1.5	1.62	60	155	<5	1.55	<1	20	58	84	3.46	<10	0.95	603	<1	0.02	30	670	20	<5	<20	41	0.10	<10	78	<10	10	71
GEO '03		135	1.6	1.75	50	145	5	1.74	<1	21	60	84	3.61	<10	1.04	627	<1	0.02	31	720	22	<5	<20	47	0.10	<10	71	<10	10	72

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/kk
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Eco Tech Laboratory Ltd.

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GEOCHEMISTRY
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ENVIRONMENTAL TESTING

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CERTIFICATE OF ASSAY AK 2003-601

CME MANAGING CONSULTANTS LTD.
#2130 - 21331 Gordon Way
Richmond, BC
V6W 1J9

5-Dec-03

No. of samples received: 62
Sample type: Core
Project Name: Skukum
Project Number: P56D
Submitted By: TV

ET #.	Tag #	Au (g/t)	Au (oz/t)
27	10135	1.71	0.050
44	10160	3.63	0.106
61	10199	10.4	0.303

QC DATA:

Standard:

PM184	0.53	0.015

JJ/kk
XLS/03
Fax: Richmond Office & email

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

10-Dec-03

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2003-614

CME MANAGING CONSULTANTS LTD.
#2130 - 21331 Gordon Way
Richmond, BC
V6W 1J9

No. of samples received: 59
Sample type: Core
Project Name: Skukum
Project Number: P56D
Submitted By:TV

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Tl %	U	V	W	Y	Zn
1	7352	80	<0.2	0.24	60	175	<5	2.36	<1	8	75	5	1.91	20	0.72	889	1	0.03	15	500	6	5	<20	112	0.03	<10	8	<10	7	26
2	7353	<5	<0.2	0.37	<5	370	<5	2.35	<1	9	80	5	1.94	20	0.86	773	4	0.07	19	520	8	10	<20	134	0.03	<10	23	<10	12	35
3	7354	815	1.1	0.46	675	110	<5	4.61	2	18	63	52	3.28	10	1.64	2278	3	0.04	42	830	60	55	<20	113	0.06	<10	25	<10	8	127
4	7355	60	0.4	0.24	160	195	<5	2.55	<1	8	85	10	1.85	20	0.77	934	2	0.05	15	510	14	10	<20	144	0.03	<10	11	<10	10	41
5	7356	5	0.3	0.26	30	225	<5	4.35	5	12	74	47	2.84	20	1.85	1049	4	0.05	40	570	58	35	<20	377	0.04	<10	15	<10	8	233
6	7357	<5	<0.2	0.21	25	50	<5	2.40	<1	6	88	3	1.59	20	0.73	1231	2	0.04	14	380	8	10	<20	120	0.03	<10	7	<10	9	40
7	7358	25	<0.2	0.20	105	40	<5	1.66	<1	5	87	3	1.38	30	0.49	1519	3	0.04	11	330	8	15	<20	74	0.03	<10	5	<10	8	31
8	7359	100	<0.2	0.22	1005	80	<5	0.70	1	<1	84	2	0.64	10	0.13	1478	5	0.02	5	40	28	90	<20	45	0.02	<10	<1	<10	5	60
9	7360	130	9.6	0.22	715	65	<5	0.56	4	2	65	20	0.81	10	0.02	593	4	0.02	4	40	108	55	<20	40	0.01	<10	<1	<10	4	175
10	7361	25	6.4	0.20	385	50	<5	0.57	11	2	73	23	0.62	10	0.07	809	3	0.07	4	30	204	35	<20	36	0.01	<10	<1	<10	4	345
11	7362	75	2.5	0.27	35	35	<5	2.10	5	6	79	19	1.55	20	0.58	992	4	0.12	13	400	128	25	<20	96	0.03	<10	3	<10	10	231
12	7363	55	5.8	0.23	505	55	<5	0.45	8	2	82	23	0.75	10	0.03	719	3	0.02	5	30	258	25	<20	25	0.02	<10	<1	<10	5	307
13	7364	80	5.0	0.40	15	30	<5	3.40	27	11	56	13	3.34	20	0.96	2086	2	0.02	17	1420	374	<5	<20	218	0.06	<10	7	<10	15	937
14	9002	15	<0.2	0.24	165	110	<5	2.13	<1	7	79	3	2.00	20	0.74	751	5	0.04	13	520	8	20	<20	110	0.03	<10	12	<10	8	33
15	9003	>1000	0.5	0.23	1085	50	<5	2.29	2	7	75	5	1.85	10	0.71	924	7	0.02	13	480	22	30	<20	117	0.03	<10	4	<10	6	66
16	9004	945	0.2	0.23	125	230	<5	2.40	<1	8	81	7	1.80	20	0.78	590	2	0.03	14	480	8	25	<20	146	0.02	<10	7	<10	7	21
17	9005	<5	0.3	0.23	740	70	<5	1.58	2	7	94	6	1.84	20	0.54	722	4	0.03	12	480	18	30	<20	97	0.03	<10	7	<10	7	75
18	9026	5	<0.2	0.25	<5	1255	<5	2.72	<1	8	78	3	1.99	30	0.83	727	3	0.05	12	600	6	<5	<20	102	0.03	<10	11	<10	10	27
19	9027	205	10.8	0.26	535	210	<5	2.39	2	7	82	49	1.90	20	0.69	1277	3	0.04	13	520	86	80	<20	90	0.03	<10	8	<10	8	95
20	9028	100	<0.2	0.22	550	40	<5	0.36	<1	<1	83	3	0.66	10	0.11	612	6	0.05	4	30	22	20	<20	46	0.01	<10	<1	<10	4	37
21	9029	<5	<0.2	0.22	60	85	<5	0.32	<1	1	85	4	0.67	10	0.10	510	2	0.03	4	50	26	15	<20	52	0.01	<10	<1	<10	4	37
22	9030	<5	<0.2	0.26	220	340	<5	3.15	<1	11	80	12	2.20	10	1.08	852	4	0.04	21	540	14	55	<20	171	0.03	<10	8	<10	7	39
23	9031	<5	0.8	0.27	80	205	<5	4.54	5	17	65	66	3.37	20	1.94	919	3	0.04	46	710	132	40	<20	185	0.04	<10	19	<10	8	274
24	9032	<5	<0.2	0.23	<5	55	<5	1.63	<1	7	74	7	1.66	20	0.73	523	2	0.05	16	290	14	10	<20	192	0.02	<10	11	<10	11	47
25	9033	30	<0.2	0.25	320	210	<5	2.53	<1	7	83	5	1.90	20	0.75	1193	2	0.04	14	500	14	20	<20	96	0.03	<10	9	<10	7	39
26	9034	15	0.2	0.32	425	115	<5	4.64	<1	15	61	36	3.13	10	1.65	2119	3	0.03	38	760	14	35	<20	156	0.06	<10	11	<10	8	63
27	9035	290	<0.2	0.35	1150	100	5	5.42	2	24	56	20	4.19	10	2.33	1643	1	0.04	74	850	4	20	<20	170	0.06	<10	20	<10	9	117
28	9036	5	0.5	0.32	1620	90	<5	5.35	2	20	47	17	3.65	10	2.11	1550	1	0.04	52	910	6	15	<20	170	0.05	<10	17	<10	8	84
29	9037	>1000	0.9	0.25	2285	60	<5	2.34	4	9	81	17	2.14	10	0.76	949	1	0.03	16	660	18	220	<20	119	0.03	<10	5	<10	6	81
30	9038	20	0.2	0.27	350	150	<5	2.97	<1	9	75	5	2.07	20	0.92	807	3	0.03	16	580	16	20	<20	150	0.03	<10	6	<10	8	39
31	9039	30	<0.2	0.17	150	50	<5	0.69	<1	<1	76	3	0.57	10	0.03	227	2	0.02	4	30	20	80	<20	66	<0.01	<10	<1	<10	5	30
32	9040	50	<0.2	0.18	435	55	<5	0.85	<1	<1	92	2	0.64	10	0.03	360	5	0.02	5	30	28	65	<20	80	<0.01	<10	<1	<10	5	31
33	9041	10	<0.2	0.24	170	260	<5	2.15	<1	8	71	23	2.10	20	0.73	656	1	0.05	14	560	4	20	<20	111	0.03	<10	19	<10	9	38
34	9042	550	0.9	0.23	3360	80	<5	1.65	6	7	82	13	2.22	20	0.55	596	5	0.03	14	530	12	30	<20	83	0.03	<10	13	<10	8	41
35	9043	185	<0.2	0.16	410	50	<5	1.05	1	3	86	4	1.01	30	0.30	376	2	0.02	7	170	6	15	<20	42	0.01	<10	2	<10	4	47

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
36	9049	>1000	>30	0.52	>10000	30	<5	0.44	555	54	2290	1870	6.73	20	0.24	884	28	0.01	1986	140	>10000	945	<20	17	0.10	<10	21	<10	3	>10000
37	9050	<5	<0.2	1.18	10	65	5	0.74	<1	10	109	20	1.92	<10	0.69	284	2	0.08	27	390	20	<5	<20	27	0.11	<10	44	<10	8	45
38	10177	5	0.3	0.37	10	585	<5	5.88	1	24	57	74	3.78	20	2.57	1167	1	0.04	67	900	22	40	<20	212	0.05	<10	32	<10	10	173
39	10178	<5	0.3	0.34	<5	160	<5	5.98	<1	21	46	31	3.72	10	2.42	955	<1	0.04	53	920	34	10	<20	211	0.05	<10	28	<10	8	154
40	10179	5	<0.2	0.24	<5	780	<5	2.70	<1	9	69	4	1.95	20	0.89	539	1	0.05	15	570	12	<5	<20	128	0.02	<10	10	<10	7	32
41	10180	<5	<0.2	0.25	<5	320	<5	3.77	<1	13	67	20	2.82	20	1.53	804	9	0.03	28	750	20	30	<20	82	0.04	<10	9	<10	7	57
42	10181	5	<0.2	0.27	<5	495	<5	3.99	<1	19	69	32	3.40	20	1.93	837	2	0.04	46	730	20	20	<20	113	0.04	<10	13	<10	7	63
43	10182	5	0.7	0.39	35	125	<5	4.77	<1	26	58	175	3.81	10	2.19	908	3	0.04	48	870	38	95	<20	123	0.05	<10	20	<10	7	85
44	10183	<5	<0.2	0.24	<5	840	<5	3.06	<1	8	75	8	2.00	20	1.06	648	3	0.04	16	530	12	<5	<20	132	0.03	<10	8	<10	8	44
45	10184	5	<0.2	0.24	25	100	<5	3.05	<1	8	59	3	1.82	30	0.84	1333	1	0.04	16	540	28	5	<20	145	0.03	<10	11	<10	11	91
46	10185	<5	<0.2	0.26	<5	105	<5	2.51	<1	7	63	2	1.75	30	0.68	1361	3	0.04	12	600	8	<5	<20	154	0.03	<10	8	<10	10	65
47	10186	<5	<0.2	0.17	<5	90	<5	0.13	<1	1	73	2	0.66	10	0.07	231	2	0.03	3	20	80	<5	<20	64	<0.01	<10	<1	<10	5	47
48	10187	5	<0.2	0.30	<5	135	<5	1.72	<1	6	75	2	1.38	30	0.47	764	4	0.03	11	510	18	5	<20	99	0.02	<10	6	<10	8	47
49	10188	<5	<0.2	0.18	<5	110	<5	0.36	1	<1	66	3	0.53	10	0.07	222	2	0.03	4	40	46	<5	<20	79	<0.01	<10	<1	<10	5	59
50	10189	<5	0.4	0.20	25	605	<5	2.46	<1	7	79	3	1.58	30	0.66	618	3	0.04	12	460	8	5	<20	73	0.02	<10	4	<10	6	25
51	10190	<5	<0.2	0.20	<5	295	<5	3.45	<1	14	75	29	2.14	20	1.13	906	4	0.03	33	470	56	55	<20	87	0.03	<10	6	<10	7	52
52	10191	5	<0.2	0.24	100	215	<5	1.70	<1	4	61	7	1.19	20	0.44	455	3	0.03	9	290	18	40	<20	66	0.02	<10	3	<10	5	17
53	10192	50	<0.2	0.18	100	95	<5	1.43	<1	4	73	4	1.10	20	0.36	374	<1	0.03	9	260	6	20	<20	77	0.01	<10	2	<10	5	15
54	10193	25	0.4	0.24	90	255	<5	3.83	<1	9	76	28	1.92	20	0.88	1219	9	0.03	20	500	22	30	<20	294	0.03	<10	4	<10	9	38
55	10194	5	<0.2	0.92	35	545	<5	5.70	<1	30	70	10	4.50	20	2.57	1801	<1	0.05	89	800	14	10	<20	478	0.07	<10	38	<10	11	113
56	10195	<5	0.2	0.25	130	130	<5	2.93	<1	8	66	2	1.94	20	0.93	1408	3	0.03	15	550	6	<5	<20	219	0.03	<10	6	<10	8	29
57	10196	110	0.2	0.26	175	155	<5	3.09	<1	9	70	4	2.13	20	0.93	1414	1	0.03	17	670	6	<5	<20	162	0.04	<10	6	<10	8	27
58	10197	55	<0.2	0.23	55	175	<5	2.81	<1	9	56	4	1.98	20	0.86	1194	<1	0.03	16	560	6	5	<20	149	0.03	<10	6	<10	8	37
59	10198	15	<0.2	0.24	25	120	<5	2.80	<1	9	71	3	2.20	20	0.89	1228	3	0.04	15	590	4	<5	<20	228	0.04	<10	6	<10	8	32
QC DATA:																														
Resplit:																														
1	7352	90	<0.2	0.25	55	205	<5	2.38	<1	8	77	5	1.96	20	0.71	896	1	0.04	15	540	8	<5	<20	111	0.03	<10	8	<10	7	27
Repeat:																														
1	7352	100	<0.2	0.24	60	185	<5	2.34	<1	8	77	6	1.90	20	0.71	884	1	0.04	14	490	6	5	<20	109	0.03	<10	8	<10	7	26
10	7361	25	7.0	0.23	420	55	<5	0.62	11	2	82	25	0.68	10	0.05	892	4	0.02	5	40	206	40	<20	39	0.02	<10	<1	<10	5	385
19	9027	225	10.6	0.28	550	225	<5	2.43	2	7	86	48	1.94	20	0.69	1297	3	0.04	14	540	88	80	<20	92	0.03	<10	8	<10	8	97
34	9042	490	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36	9049	>1000	>30	0.52	>10000	25	<5	0.43	574	53	2276	1829	6.64	20	0.24	870	28	0.01	1974	140	>10000	930	<20	12	0.09	<10	21	<10	3	>10000
45	10184	<5	<0.2	0.25	<5	95	<5	2.99	<1	7	56	2	1.78	30	0.83	1314	<1	0.04	14	540	4	<5	<20	141	0.03	<10	10	<10	11	78
54	10193	-	0.4	0.25	90	280	<5	3.89	<1	9	75	29	1.95	20	0.90	1236	11	0.03	20	520	22	30	<20	300	0.03	<10	4	<10	9	39
Standard:																														
GEO '03		145	1.5	1.59	55	140	<5	1.62	<1	20	58	84	3.48	<10	0.93	611	<1	0.03	30	690	20	<5	<20	48	0.09	<10	69	<10	10	73
GEO '03		145	1.6	1.61	50	140	<5	1.64	<1	20	59	86	3.50	<10	0.94	624	<1	0.03	30	690	20	<5	<20	49	0.09	<10	69	<10	10	73

JJ/kk
df/614
XLS/03
Fax: Richmond Office & email

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

Eco Tech Laboratory Ltd.

ASSAYING
GEOCHEMISTRY
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CERTIFICATE OF ASSAY AK 2003-614

CME MANAGING CONSULTANTS LTD.
#2130 - 21331 Gordon Way
Richmond, BC
V6W 1J9

12-Dec-03

No. of samples received: 59
Sample type: Core
Project Name: Skukum
Project Number: P56D
Submitted By:TV

ET #.	Tag #	Au (g/t)	Au (oz/t)
15	9003	1.06	0.031
16	9004	1.01	0.029
29	9037	1.01	0.029

JJ/kk
XLS/03
Fax: Richmond Office & email

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

15-Dec-03

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2003-626

CME MANAGING CONSULTANTS LTD.
#2130 - 21331 Gordon Way
Richmond, BC
V6W 1J9

No. of samples received: 95
Sample type: Core
Project Name: Skukum
Project Number: P56D
Submitted By:TV

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Tl %	U	V	W	Y	Zn
1	9001	10	<0.2	0.72	<5	405	5	4.29	<1	22	81	44	3.65	10	2.50	844	<1	0.05	58	810	18	<5	<20	249	0.05	<10	36	<10	9	70
2	9006	15	<0.2	0.58	1195	190	<5	5.60	<1	23	84	38	4.19	10	2.79	1241	2	0.05	93	990	6	30	<20	325	0.05	<10	32	<10	8	102
3	9007	10	<0.2	1.15	50	295	<5	4.91	<1	28	100	41	4.31	10	3.00	1093	1	0.05	90	1050	8	30	<20	333	0.05	<10	44	<10	9	87
4	9008	375	<0.2	0.25	210	220	<5	2.46	<1	8	66	6	1.95	10	0.90	586	3	0.05	15	590	6	25	<20	138	0.02	<10	9	<10	7	37
5	9009	45	<0.2	1.13	135	370	<5	4.73	<1	26	101	59	4.23	10	3.25	1120	<1	0.05	98	990	6	35	<20	300	0.05	<10	44	<10	7	96
6	9010	15	<0.2	1.24	15	375	<5	5.17	<1	23	96	42	4.12	10	3.10	1132	<1	0.06	90	1020	8	30	<20	253	0.05	<10	50	<10	9	81
7	9011	>1000	1.4	0.26	3075	55	<5	2.02	<1	11	97	15	2.20	<10	0.67	1021	14	0.03	17	640	22	85	<20	115	0.03	<10	7	<10	6	50
8	9012	25	<0.2	0.27	10	605	<5	2.18	<1	8	67	4	1.91	20	0.76	549	5	0.06	12	650	6	30	<20	143	0.02	<10	14	<10	9	26
9	9013	95	<0.2	0.25	790	85	<5	2.56	<1	8	93	4	2.11	10	0.76	1302	4	0.04	13	610	6	35	<20	124	0.03	<10	8	<10	7	38
10	9014	115	<0.2	0.26	700	185	<5	2.47	<1	8	95	3	2.12	10	0.76	1029	3	0.05	13	660	8	20	<20	100	0.03	<10	9	<10	8	39
11	9015	15	<0.2	0.22	25	125	<5	0.69	<1	1	88	2	0.71	<10	0.07	378	3	0.03	4	70	20	20	<20	84	0.01	<10	<1	<10	5	23
12	9016	30	<0.2	0.20	260	165	<5	0.62	<1	1	95	2	0.53	<10	0.03	274	4	0.04	3	30	38	20	<20	97	<0.01	<10	<1	<10	6	83
13	9017	>1000	0.8	0.27	2060	55	<5	1.69	7	9	82	11	2.10	<10	0.51	715	5	0.04	15	520	70	30	<20	81	0.03	<10	3	<10	6	457
14	9018	25	<0.2	0.26	220	145	<5	2.71	<1	7	91	3	1.78	10	0.76	646	3	0.04	13	650	8	10	<20	98	0.02	<10	5	<10	8	26
15	9019	30	0.2	0.25	180	80	<5	2.25	<1	7	73	16	1.83	10	0.68	566	6	0.04	12	580	2	10	<20	113	0.02	<10	9	<10	7	38
16	9020	420	0.2	0.23	175	100	<5	1.90	<1	7	91	5	1.79	10	0.59	501	3	0.04	9	550	4	<5	<20	98	0.02	<10	9	<10	6	45
17	9021	>1000	0.3	0.23	390	85	<5	1.71	<1	7	78	5	1.75	10	0.51	485	3	0.03	10	550	4	<5	<20	94	0.02	<10	6	<10	5	42
18	9022	25	<0.2	0.25	165	80	<5	2.24	<1	7	96	3	1.75	10	0.66	487	4	0.04	11	560	4	<5	<20	101	0.02	<10	7	<10	5	45
19	9023	515	<0.2	0.23	695	75	<5	2.09	4	9	78	4	2.05	10	0.66	703	3	0.04	12	660	4	<5	<20	114	0.03	<10	9	<10	6	252
20	9024	110	<0.2	0.23	565	60	<5	2.01	<1	7	111	3	1.59	10	0.58	597	3	0.02	11	630	2	<5	<20	96	0.02	<10	6	<10	6	54
21	9025	80	<0.2	0.28	170	115	<5	2.60	<1	8	94	3	2.02	10	0.78	617	5	0.04	14	600	4	<5	<20	129	0.03	<10	9	<10	6	53
22	9044	35	<0.2	0.20	270	70	<5	0.13	<1	<1	124	2	0.59	<10	0.04	162	6	0.04	2	40	34	10	<20	77	<0.01	<10	<1	<10	5	77
23	9045	45	<0.2	0.24	265	50	<5	1.77	<1	7	63	4	1.99	20	0.55	1095	2	0.05	11	640	4	10	<20	94	0.03	<10	9	<10	9	129
24	9046	25	<0.2	0.24	180	70	<5	2.06	<1	8	78	2	1.92	20	0.70	754	3	0.05	11	650	14	10	<20	111	0.03	<10	6	<10	8	38
25	9047	690	0.6	0.29	1190	65	<5	2.21	2	10	82	9	1.87	10	0.71	1247	7	0.03	19	640	38	15	<20	107	0.03	<10	4	<10	7	124
26	9048	20	<0.2	0.23	115	170	<5	2.32	<1	8	81	3	1.72	20	0.73	735	3	0.04	12	630	10	5	<20	93	0.02	<10	6	<10	7	40
27	9051	420	0.4	0.20	235	105	<5	1.10	<1	6	93	24	1.17	10	0.34	312	3	0.05	7	340	26	15	<20	58	0.01	<10	3	<10	4	17
28	9052	70	0.2	0.23	130	125	<5	2.50	<1	8	88	6	1.95	10	0.73	972	2	0.04	13	630	54	10	<20	85	0.03	<10	7	<10	8	56
29	9053	10	<0.2	0.23	10	270	<5	1.90	<1	6	74	2	1.43	10	0.58	524	2	0.05	9	470	8	<5	<20	102	0.02	<10	7	<10	7	28
30	9054	5	<0.2	0.22	<5	715	<5	2.49	<1	8	89	2	1.72	20	0.78	558	3	0.05	11	620	4	<5	<20	123	0.02	<10	11	<10	7	27
31	9055	5	<0.2	0.24	<5	785	<5	2.33	<1	8	73	2	1.81	10	0.72	503	2	0.05	12	620	4	<5	<20	154	0.02	<10	11	<10	7	27
32	9056	15	<0.2	0.21	75	415	<5	2.50	<1	7	91	3	1.82	10	0.74	517	2	0.04	11	560	4	<5	<20	114	0.02	<10	7	<10	7	31
33	9057	420	<0.2	0.20	165	225	<5	2.17	<1	7	67	3	1.60	10	0.64	457	19	0.04	12	550	6	<5	<20	78	0.02	<10	6	<10	7	27
34	9058	>1000	1.5	0.23	2090	50	<5	1.45	<1	9	92	7	2.05	<10	0.43	336	8	0.03	12	690	16	<5	<20	65	0.02	<10	4	<10	5	99
35	9059	65	<0.2	0.22	165	285	<5	2.21	<1	8	66	3	1.95	10	0.72	525	6	0.05	13	630	6	<5	<20	112	0.02	<10	10	<10	7	31

Et #	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Tl %	U	V	W	Y	Zn
36	9060	5	<0.2	0.19	<5	810	<5	2.46	<1	8	86	2	1.76	10	0.78	517	18	0.05	13	640	6	<5	<20	131	0.02	<10	10	<10	8	25
37	9061	35	<0.2	0.20	110	420	<5	2.58	3	7	69	3	1.72	10	0.81	528	6	0.05	22	590	4	45	<20	119	0.02	20	8	<10	7	25
38	9062	450	1.1	0.21	110	165	<5	2.79	<1	8	65	15	1.92	<10	0.98	970	4	0.05	16	600	10	5	<20	148	0.03	<10	7	<10	8	33
39	9063	270	2.2	0.34	215	175	<5	4.61	<1	21	65	54	3.81	<10	1.97	1341	4	0.04	56	820	8	25	<20	203	0.05	<10	24	<10	8	103
40	9064	10	0.3	0.22	1870	95	<5	2.42	<1	7	81	4	1.82	<10	0.67	2641	3	0.03	12	540	8	5	<20	83	0.04	<10	6	<10	7	82
41	9065	>1000	<0.2	0.23	<5	920	<5	2.60	<1	9	63	11	2.01	10	0.97	602	3	0.06	15	680	6	5	<20	220	0.03	<10	15	<10	10	35
42	9066	40	<0.2	0.18	1240	30	<5	0.76	1	1	70	2	0.74	<10	0.08	411	3	0.04	2	110	44	30	<20	110	0.01	<10	<1	<10	7	135
43	9067	15	<0.2	0.17	440	20	<5	0.89	<1	<1	91	2	0.57	<10	0.02	426	3	0.03	3	30	20	25	<20	145	<0.01	<10	<1	<10	6	16
44	9068	10	<0.2	0.19	135	15	<5	0.81	<1	<1	77	2	0.58	<10	0.02	409	2	0.04	3	30	22	15	<20	109	<0.01	<10	<1	<10	7	22
45	9069	10	<0.2	0.19	45	280	<5	3.11	<1	7	82	2	1.79	10	0.78	742	2	0.04	13	600	6	5	<20	214	0.03	<10	7	<10	8	33
46	9070	75	<0.2	0.22	260	265	<5	3.04	<1	10	57	12	2.30	10	0.92	739	2	0.05	14	830	12	30	<20	206	0.03	<10	9	<10	8	41
47	9071	445	0.2	0.22	615	105	<5	2.91	<1	8	71	14	2.02	<10	0.87	2184	11	0.04	13	660	12	45	<20	110	0.04	<10	8	<10	8	36
48	9072	>1000	0.3	0.22	3605	70	<5	0.31	<1	1	58	4	0.75	<10	0.09	4245	5	0.03	2	40	30	50	<20	47	0.05	<10	<1	<10	4	200
49	9073	>1000	<0.2	0.17	3680	35	<5	0.32	<1	<1	65	3	0.68	<10	0.07	2118	4	0.03	2	30	18	80	<20	42	0.03	<10	<1	<10	3	128
50	9074	190	<0.2	0.19	695	40	<5	0.35	<1	<1	76	2	0.58	<10	0.08	1250	3	0.03	2	40	24	20	<20	44	0.02	<10	<1	<10	3	49
51	9075	225	<0.2	0.21	1070	85	<5	0.29	1	<1	78	5	0.69	<10	0.08	696	4	0.03	3	40	36	30	<20	46	0.01	<10	<1	<10	3	71
52	9076	175	<0.2	0.22	1490	50	<5	0.42	<1	2	70	4	0.65	<10	0.12	375	3	0.03	4	90	22	30	<20	52	<0.01	<10	<1	<10	3	42
53	9077	190	<0.2	0.20	750	65	<5	0.19	<1	<1	57	2	0.76	<10	0.07	83	2	0.03	2	40	8	15	<20	34	<0.01	<10	<1	<10	3	17
54	9078	20	<0.2	0.19	125	350	<5	2.82	<1	8	74	17	1.87	10	0.77	736	2	0.05	13	670	6	15	<20	54	0.03	<10	6	<10	9	32
55	9079	20	<0.2	0.21	<5	485	<5	2.60	<1	7	58	4	1.72	10	0.75	715	1	0.05	11	640	6	5	<20	126	0.02	<10	8	<10	7	26
56	9080	170	<0.2	0.19	170	110	<5	0.92	<1	3	53	2	0.94	<10	0.15	179	4	0.03	3	60	34	25	<20	107	0.01	<10	<1	<10	4	9
57	9912	295	0.4	0.27	295	135	<5	3.82	<1	12	79	25	2.33	10	1.46	920	5	0.05	27	630	16	20	<20	128	0.03	<10	9	<10	7	48
58	9913	40	<0.2	0.24	170	200	<5	2.83	<1	7	76	4	1.89	10	0.87	954	3	0.05	13	600	12	<5	<20	151	0.03	<10	8	<10	8	28
59	9914	975	0.2	0.23	1525	270	<5	3.37	<1	7	90	6	2.11	10	0.99	1456	2	0.03	15	580	16	20	<20	120	0.04	<10	7	<10	8	76
60	9915	15	<0.2	0.21	80	200	<5	2.91	<1	9	70	9	2.05	10	0.91	981	4	0.04	12	620	8	15	<20	103	0.03	<10	8	<10	7	42
61	9916	20	0.4	0.24	795	55	<5	2.31	<1	8	82	3	2.02	10	0.66	875	5	0.03	13	630	10	10	<20	89	0.03	<10	5	<10	7	34
62	9917	235	0.8	0.24	1950	55	<5	1.38	<1	8	87	5	1.80	10	0.37	627	4	0.03	12	690	22	30	<20	70	0.02	<10	3	<10	6	40
63	9918	<5	<0.2	0.21	65	105	<5	0.95	<1	1	105	2	0.66	<10	0.05	473	5	0.04	5	60	44	25	<20	120	0.01	<10	<1	<10	6	57
64	9919	<5	<0.2	0.23	30	70	<5	1.02	<1	6	106	8	0.98	10	0.20	620	14	0.03	9	540	40	55	<20	79	0.02	<10	3	<10	5	38
65	9920	5	<0.2	0.18	25	90	<5	1.10	<1	<1	81	2	0.64	<10	0.04	534	3	0.04	5	50	10	10	<20	118	0.01	<10	<1	<10	6	54
66	9921	<5	<0.2	0.29	10	100	<5	2.90	<1	8	65	1	2.02	20	0.67	1835	5	0.05	14	690	4	70	<20	179	0.04	<10	7	<10	11	62
67	9922	45	<0.2	0.32	15	130	<5	3.23	<1	8	71	1	1.93	20	0.81	1560	4	0.04	17	690	6	10	<20	208	0.04	<10	9	<10	12	58
68	9923	10	<0.2	0.19	20	115	<5	0.89	1	<1	90	2	0.58	<10	0.04	358	2	0.04	4	40	26	15	<20	121	<0.01	<10	<1	<10	6	51
69	9924	5	<0.2	0.23	<5	185	<5	2.24	<1	7	80	2	1.66	10	0.66	583	3	0.05	11	540	4	5	<20	120	0.02	<10	8	<10	8	32
70	9925	20	<0.2	0.26	105	350	<5	2.72	<1	8	65	3	1.90	10	0.80	840	1	0.04	14	660	6	10	<20	173	0.03	<10	7	<10	7	41
71	9926	<5	<0.2	0.29	60	445	<5	2.58	<1	9	77	2	2.05	20	0.79	735	4	0.04	11	660	4	<5	<20	145	0.03	<10	6	<10	7	55
72	9927	790	0.6	0.32	3425	90	<5	3.60	<1	15	72	22	2.68	10	1.43	896	2	0.03	39	630	10	15	<20	238	0.04	<10	16	<10	5	89
73	9928	675	0.2	0.24	1305	80	<5	2.29	<1	7	83	10	1.72	20	0.77	661	2	0.03	15	470	2	<5	<20	149	0.02	<10	5	<10	4	60
74	9929	150	<0.2	0.27	1240	65	<5	1.75	<1	7	103	5	1.37	10	0.59	601	1	0.03	17	320	4	<5	<20	115	0.02	<10	4	<10	6	47
75	9930	195	<0.2	0.25	720	55	<5	1.39	<1	5	108	3	1.08	20	0.45	576	5	0.02	10	270	2	<5	<20	93	0.02	<10	3	<10	4	33
76	9931	855	0.4	0.24	570	50	<5	0.86	<1	4	117	5	0.98	20	0.27	436	3	0.02	7	210	4	<5	<20	60	0.01	<10	1	<10	3	33
77	9932	195	0.2	0.24	550	50	<5	1.60	<1	6	104	3	1.27	10	0.53	537	7	0.02	14	270	2	<5	<20	69	0.02	<10	3	<10	3	36
78	9933	20	<0.2	0.24	55	60	<5	0.97	<1	3	117	3	0.82	20	0.30	334	<1	0.02	6	220	<2	<5	<20	48	0.01	<10	1	<10	3	24
79	9934	80	<0.2	0.25	370	45	<5	1.46	<1	4	125	3	1.27	20	0.48	520	7	0.02	9	330	2	5	<20	80	0.02	<10	3	<10	4	31
80	9935	235	0.4	0.31	4545	70	<5	4.72	2	17	73	9	3.28	10	1.72	1407	<1	0.02	42	730	8	<5	<20	242	0.05	<10	15	<10	7	141

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
81	9936	40	<0.2	0.30	1115	80	<5	3.73	<1	13	83	7	2.76	10	1.42	986	3	0.03	31	710	4	<5	<20	172	0.04	<10	12	<10	6	70
82	9937	<5	<0.2	0.32	5	175	<5	1.18	<1	<1	51	<1	0.59	10	0.19	153	1	0.06	4	20	54	<5	<20	314	<0.01	<10	<1	<10	13	21
83	9938	240	0.3	0.36	275	115	<5	3.95	<1	14	68	19	2.58	10	1.31	1157	5	0.05	37	830	24	10	<20	244	0.04	<10	11	<10	11	49
84	9939	25	<0.2	0.30	<5	1030	<5	2.95	<1	11	68	5	2.30	20	0.96	731	1	0.06	19	670	6	<5	<20	267	0.03	<10	18	<10	9	36
85	9940	<5	<0.2	0.29	20	635	<5	1.65	<1	8	83	5	1.94	20	0.56	437	1	0.06	11	660	4	<5	<20	186	0.02	<10	15	<10	8	29
86	9941	<5	<0.2	0.28	20	680	<5	1.96	<1	7	91	4	1.77	20	0.61	478	3	0.06	11	560	4	<5	<20	164	0.02	<10	12	<10	8	27
87	9942	5	<0.2	0.26	<5	435	25	1.89	4	6	88	5	1.75	20	0.52	468	6	0.05	23	420	22	30	<20	132	0.02	<10	18	210	28	29
88	9943	<5	<0.2	0.28	25	485	<5	2.25	<1	7	84	3	1.92	20	0.69	515	4	0.06	12	600	4	<5	<20	158	0.02	<10	10	<10	7	30
89	9944	100	<0.2	0.26	240	230	<5	1.59	<1	8	87	5	2.08	20	0.55	477	2	0.05	12	620	8	<5	<20	146	0.02	<10	9	<10	7	38
90	9945	5	<0.2	0.27	<5	575	<5	1.33	<1	7	91	2	1.74	30	0.43	342	5	0.06	9	570	4	<5	<20	139	0.02	<10	13	<10	7	28
91	9946	<5	<0.2	0.23	90	380	<5	2.18	<1	7	77	3	1.78	20	0.68	490	2	0.05	13	530	4	10	<20	132	0.02	<10	8	<10	6	31
92	9947	15	<0.2	0.25	190	245	<5	2.46	1	7	102	3	1.72	10	0.76	505	6	0.05	17	540	6	20	<20	114	0.02	<10	7	<10	5	32
93	9948	<5	<0.2	0.32	65	545	<5	4.80	4	22	63	28	3.42	10	2.31	873	5	0.05	67	800	14	55	<20	272	0.04	<10	26	<10	7	80
94	9949	>1000	>30	0.52	>10000	25	<5	0.42	489	52	2168	1740	6.56	10	0.24	852	45	0.01	1894	150	>10000	990	<20	16	0.09	<10	22	<10	3	>10000
95	9950	<5	<0.2	1.30	5	65	5	0.80	<1	10	169	16	1.92	<10	0.74	304	<1	0.10	24	370	4	<5	<20	30	0.08	<10	46	<10	16	43

QC DATA:

Resplit:

1	9001	10	0.2	0.76	<5	350	<5	4.23	<1	22	83	37	3.68	10	2.52	838	<1	0.06	58	810	14	<5	<20	245	0.05	<10	37	<10	8	71
36	9060	5	<0.2	0.23	<5	935	<5	2.42	<1	8	92	2	1.79	10	0.78	515	20	0.05	12	650	4	<5	<20	135	0.02	<10	11	<10	7	25
71	9926	5	<0.2	0.35	70	455	<5	2.66	<1	9	116	3	2.18	20	0.83	762	4	0.05	13	690	4	<5	<20	150	0.03	<10	7	<10	7	60

Repeat:

1	9001	10	<0.2	0.73	<5	405	<5	4.30	<1	22	82	44	3.68	10	2.53	850	<1	0.06	57	810	14	<5	<20	251	0.05	<10	36	<10	8	70
10	9014	110	<0.2	0.26	685	185	<5	2.46	<1	8	94	3	2.10	10	0.75	1019	3	0.05	13	660	8	20	<20	99	0.03	<10	9	<10	8	39
19	9023	505	<0.2	0.24	655	75	<5	2.05	5	8	76	4	2.01	10	0.65	689	3	0.04	13	640	4	<5	<20	112	0.03	<10	9	<10	7	252
36	9060	5	<0.2	0.20	<5	820	<5	2.44	<1	8	85	2	1.74	10	0.78	512	19	0.05	13	630	4	<5	<20	130	0.02	<10	10	<10	7	28
45	9069	10	<0.2	0.19	50	280	<5	3.06	<1	7	81	1	1.76	10	0.77	728	2	0.04	12	600	6	10	<20	209	0.02	<10	7	<10	8	32
54	9078	30	<0.2	0.20	130	360	<5	2.84	<1	8	75	16	1.90	10	0.77	745	3	0.05	12	690	8	15	<20	55	0.03	<10	6	<10	9	34
71	9926	5	<0.2	0.29	65	495	<5	2.60	<1	9	76	2	2.06	20	0.80	739	4	0.04	12	660	2	<5	<20	148	0.03	<10	6	<10	7	56
73	9928	650	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
76	9931	890	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
80	9935	215	0.3	0.32	4500	70	<5	4.72	3	17	73	10	3.28	10	1.72	1403	<1	0.02	42	720	10	<5	<20	242	0.05	<10	15	<10	6	145
89	9944	-	0.2	0.23	210	215	<5	1.44	<1	7	81	5	1.90	10	0.49	435	2	0.05	10	560	10	<5	<20	133	0.02	<10	8	<10	6	36

Standard:

GEO '03		140	1.5	1.61	50	135	<5	1.61	<1	19	57	83	3.50	<10	0.95	616	<1	0.03	28	660	22	<5	<20	40	0.12	<10	70	<10	10	72
GEO '03		145	1.4	1.61	50	135	<5	1.56	<1	19	56	79	3.44	<10	0.93	599	<1	0.03	28	680	24	<5	<20	49	0.12	<10	69	<10	10	73
GEO '03		135	1.5	1.73	55	135	<5	1.64	<1	20	60	84	3.61	<10	0.99	632	<1	0.04	29	690	24	<5	<20	43	0.14	<10	74	<10	10	71

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/kk
df/626a
XLS/03
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Eco Tech Laboratory Ltd.

ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING

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CERTIFICATE OF ASSAY AK 2003-626

CME MANAGING CONSULTANTS LTD.
#2130 - 21331 Gordon Way
Richmond, BC
V6W 1J9

15-Dec-03

No. of samples received: 95
Sample type: Core
Project Name: Skukum
Project Number: P56D
Submitted By:TV

ET #.	Tag #	Au (g/t)	Au (oz/t)
7	9011	2.06	0.060
13	9017	2.12	0.062
17	9021	2.01	0.059
34	9058	4.06	0.118
41	9065	1.57	0.046
48	9072	1.24	0.036
49	9073	2.63	0.077
59	9914	0.96	0.028
94	9949	10.6	0.309

QC DATA:
Standard:
PM184 0.51 0.015

YUKON ENERGY, MINES
& RESOURCES LIBRARY
P.O. BOX 2703
WHITEHORSE, YUKON Y1A 2C6

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/kk
XLS/03
Fax: Richmond Office & email

18-D

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2003-637

CME MANAGING CONSULTANTS LTD.
#2130 - 21331 Gordon Way
Richmond, BC
V6W 1J9

No. of samples received: 38
Sample type: Core
Project Name: Skukum
Project Number: P56D
Submitted By: TV

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	10202	50	<0.2	0.14	105	40	<5	0.36	<1	2	83	4	0.52	20	0.10	230	4	0.01	3	70	10	10	<20	31	<0.01	<10	<1	<10	2	26
2	10203	10	<0.2	0.12	30	40	<5	0.63	<1	1	80	2	0.71	10	0.16	378	2	0.01	3	90	<2	5	<20	18	<0.01	<10	<1	<10	2	17
3	10204	15	<0.2	0.12	30	40	<5	0.48	<1	1	89	2	0.53	20	0.13	286	2	0.01	4	90	2	<5	<20	20	<0.01	<10	<1	<10	1	21
4	10205	70	<0.2	0.14	60	60	<5	0.71	<1	2	74	2	0.72	20	0.19	367	2	0.01	4	140	4	10	<20	24	<0.01	<10	<1	<10	3	31
5	10206	30	0.2	0.15	5	60	<5	0.09	<1	<1	40	2	0.87	30	0.04	290	6	0.02	1	30	18	<5	<20	24	<0.01	<10	<1	<10	12	52
6	10207	15	<0.2	0.17	<5	65	<5	0.10	<1	1	40	2	0.95	40	0.04	308	2	0.03	1	40	22	<5	<20	25	<0.01	<10	<1	<10	15	59
7	10208	5	0.3	0.16	<5	55	<5	0.09	<1	<1	33	2	0.93	40	0.04	270	1	0.04	<1	30	20	<5	<20	19	<0.01	<10	<1	<10	14	59
8	10209	10	0.2	0.17	<5	55	<5	0.09	<1	<1	26	2	0.91	40	0.03	263	1	0.03	<1	30	20	<5	<20	19	<0.01	<10	<1	<10	13	67
9	10210	10	0.2	0.18	<5	60	<5	0.07	<1	<1	44	2	0.94	40	0.03	270	2	0.04	2	30	18	<5	<20	16	<0.01	<10	<1	<10	13	52
10	10211	10	0.2	0.19	<5	70	<5	0.08	<1	1	54	3	0.95	40	0.04	301	3	0.04	<1	40	20	<5	<20	23	<0.01	<10	<1	<10	13	58
11	10212	15	<0.2	0.16	<5	55	<5	0.08	<1	<1	41	3	1.05	40	0.05	394	2	0.04	<1	30	16	<5	<20	17	<0.01	<10	<1	<10	11	59
12	10213	65	2.7	0.17	20	55	<5	0.08	<1	<1	61	2	0.97	30	0.06	391	4	0.04	<1	30	34	<5	<20	17	<0.01	<10	<1	<10	9	55
13	10214	>1000	0.7	0.16	2220	30	<5	1.19	<1	5	85	8	1.69	10	0.44	331	2	0.01	9	260	4	5	<20	49	<0.01	<10	2	<10	3	46
14	10215	75	<0.2	0.16	250	35	<5	1.61	<1	4	96	3	1.06	20	0.60	476	5	0.01	8	270	4	5	<20	58	<0.01	<10	3	<10	3	27
15	10216	600	<0.2	0.18	810	50	<5	2.15	<1	5	92	5	1.51	20	0.83	577	3	0.02	13	310	4	5	<20	74	<0.01	<10	4	<10	3	38
16	10217	15	<0.2	0.19	180	90	<5	2.51	<1	7	83	2	2.03	20	0.83	573	2	0.03	11	530	6	15	<20	126	<0.01	<10	9	<10	5	38
17	10218	305	0.4	0.16	1950	30	<5	0.50	<1	<1	77	2	0.67	10	0.04	2072	3	0.02	3	40	26	80	<20	45	<0.01	<10	<1	<10	5	63
18	10219	290	0.3	0.15	1550	25	<5	0.68	2	<1	81	2	0.65	10	0.05	2877	4	0.02	3	40	24	85	<20	62	<0.01	<10	<1	<10	5	98
19	10220	115	<0.2	0.19	675	50	<5	1.44	2	2	62	2	1.12	20	0.11	1682	4	0.04	4	210	26	65	<20	285	<0.01	<10	<1	<10	8	90
20	10221	595	4.4	0.17	2370	35	<5	0.26	10	<1	85	4	0.77	<10	0.03	1518	2	0.02	2	30	438	545	<20	47	<0.01	<10	<1	<10	5	591
21	10222	355	0.4	0.16	2025	35	<5	0.29	4	<1	66	2	0.71	<10	0.03	1431	2	0.02	2	30	44	145	<20	39	<0.01	<10	<1	<10	4	326
22	10223	330	0.6	0.14	1625	30	<5	0.27	4	<1	77	3	0.71	<10	0.03	2130	2	0.02	2	40	44	280	<20	38	<0.01	<10	<1	<10	3	338
23	10224	>1000	3.2	0.20	2175	45	<5	0.83	27	5	74	9	1.41	20	0.22	1786	6	0.03	8	300	618	960	<20	70	<0.01	<10	1	<10	5	1109
24	10225	>1000	1.3	0.24	3620	50	<5	3.00	3	14	64	16	2.51	<10	0.89	1943	2	0.04	42	630	20	1270	<20	127	<0.01	<10	8	<10	7	149
25	10226	290	0.4	0.18	960	105	<5	2.18	1	5	71	10	1.64	10	0.61	1498	2	0.03	11	440	10	90	<20	79	<0.01	<10	4	<10	5	29
26	10227	790	<0.2	0.18	310	155	<5	2.10	<1	6	78	3	1.60	10	0.60	661	2	0.03	10	480	6	30	<20	91	<0.01	<10	4	<10	6	39
27	10228	10	<0.2	0.17	5	470	<5	2.41	<1	5	77	10	1.49	20	0.75	561	2	0.03	11	370	12	40	<20	102	<0.01	<10	3	<10	5	27
28	10229	15	<0.2	0.16	20	170	<5	1.12	<1	3	90	6	0.95	20	0.31	279	8	0.02	5	220	16	80	<20	59	<0.01	<10	<1	<10	3	10
29	10230	>1000	<0.2	0.18	80	135	<5	1.58	<1	5	80	6	1.30	20	0.43	412	5	0.02	9	360	10	100	<20	68	<0.01	<10	1	<10	4	16
30	10231	315	1.5	0.24	1100	95	<5	4.35	1	17	68	37	3.18	<10	1.88	1662	<1	0.03	46	620	18	100	<20	160	<0.01	<10	20	<10	6	62
31	10232	15	<0.2	0.22	35	255	<5	6.08	<1	17	57	10	3.23	<10	2.54	1245	<1	0.03	49	620	10	30	<20	181	<0.01	<10	26	<10	6	38
32	10233	10	<0.2	0.23	15	475	<5	4.62	<1	16	52	19	2.92	10	2.06	777	<1	0.03	41	690	6	45	<20	207	<0.01	<10	22	<10	6	32
33	10234	160	<0.2	0.14	1060	40	<5	0.44	2	<1	83	2	0.69	10	0.04	804	3	0.01	2	30	34	60	<20	51	<0.01	<10	<1	<10	4	263
34	10235	40	<0.2	0.15	340	40	<5	0.12	3	<1	83	2	0.71	10	0.04	1018	3	0.01	2	40	34	110	<20	29	<0.01	<10	<1	<10	4	396
35	10236	<5	<0.2	0.18	20	200	<5	1.93	<1	6	74	2	1.66	20	0.64	424	2	0.04	9	480	6	<5	<20	110	<0.01	<10	10	<10	6	26

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
36	10237	15	0.2	0.17	10	300	<5	1.72	<1	6	75	1	1.68	20	0.61	393	8	0.04	7	500	6	<5	<20	126	<0.01	<10	12	<10	8	23
37	9149	>1000	>30	0.48	>10000	15	<5	0.39	491	45	1760	1700	6.94	10	0.24	772	21	<0.01	1562	160	>10000	810	<20	15	<0.01	<10	18	<10	3	>10000
38	9150	<5	<0.2	1.09	15	60	<5	0.60	<1	9	89	18	1.87	<10	0.65	252	1	0.07	23	420	22	<5	<20	23	0.10	<10	37	<10	7	43
QC DATA:																														
Resplit:																														
1	10202	40	<0.2	0.14	100	35	<5	0.36	<1	1	84	4	0.51	20	0.10	230	3	0.01	4	70	8	15	<20	28	<0.01	<10	<1	<10	2	25
36	10237	10	<0.2	0.19	15	295	<5	1.62	<1	6	90	2	1.66	20	0.57	387	8	0.04	9	490	6	5	<20	121	<0.01	<10	11	<10	7	21
Repeat:																														
1	10202	50	<0.2	0.14	105	40	<5	0.36	<1	2	83	4	0.52	20	0.10	229	3	0.01	4	80	10	10	<20	31	<0.01	<10	<1	<10	2	25
10	10211	10	0.2	0.20	10	65	<5	0.09	<1	<1	56	2	0.97	40	0.04	315	3	0.04	<1	30	20	<5	<20	21	<0.01	<10	<1	<10	13	59
15	10216	580	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	10218	270	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	10220	115	<0.2	0.20	715	55	<5	1.46	<1	2	63	3	1.13	20	0.12	1694	4	0.04	6	200	28	65	<20	289	<0.01	<10	<1	<10	9	90
20	10221	580	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	10227	750	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36	10237	-	<0.2	0.17	15	290	<5	1.70	<1	6	73	2	1.66	20	0.60	387	4	0.04	9	470	6	<5	<20	126	<0.01	<10	12	<10	7	23
Standard:																														
GEO '03		140	1.5	1.48	55	145	<5	1.48	<1	18	52	87	3.46	10	0.90	569	<1	0.02	27	630	24	<5	<20	41	0.10	<10	71	<10	9	71
GEO '03		140	1.6	1.42	55	140	<5	1.43	<1	17	50	83	3.33	10	0.87	547	<1	0.02	26	600	22	<5	<20	42	0.12	<10	69	<10	8	69

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/kk
df/637
XLS/03
Fax: Richmond Office & email

Eco Tech Laboratory Ltd.

ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING

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CERTIFICATE OF ASSAY AK 2003-637

CME MANAGING CONSULTANTS LTD.
#2130 - 21331 Gordon Way
Richmond, BC
V6W 1J9

19-Dec-03

No. of samples received: 38
Sample type: Core
Project Name: Skukum
Project Number: P56D
Submitted By: TV

ET #.	Tag #	Au (g/t)	Au (oz/t)
13	10214	2.65	0.077
23	10224	1.64	0.048
24	10225	4.08	0.119
29	10230	1.16	0.034
37	9149	10.60	0.309

QC DATA:

Standard:

PM184	0.53	0.015

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/kk
XLS/03
Fax: Richmond Office & email

18-Dec-03

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2003-638

CME MANAGING CONSULTANTS LTD.
#2130 - 21331 Gordon Way
Richmond, BC
V6W 1J9

No. of samples received: 69
Sample type: Core
Project Name: Skukum
Project Number: P56D
Submitted By: TV

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Tl %	U	V	W	Y	Zn
1	9081	10	<0.2	0.21	<5	605	<5	2.22	<1	7	81	2	1.73	20	0.67	530	2	0.04	11	600	8	<5	<20	115	<0.01	<10	6	<10	8	25
2	9082	15	<0.2	0.19	85	255	<5	2.31	<1	6	59	2	1.75	20	0.71	591	1	0.03	11	540	6	20	<20	81	<0.01	<10	5	<10	6	22
3	9083	<5	<0.2	0.18	10	285	<5	1.96	<1	6	63	1	1.42	20	0.56	517	1	0.03	9	520	4	10	<20	71	<0.01	<10	4	<10	5	17
4	9084	<5	<0.2	0.20	<5	600	<5	2.28	<1	6	86	4	1.68	20	0.77	525	2	0.03	10	510	4	15	<20	111	<0.01	<10	6	<10	5	23
5	9085	15	0.2	0.19	15	175	<5	1.74	<1	5	86	18	1.27	20	0.56	508	4	0.03	10	300	6	40	<20	90	<0.01	<10	3	<10	4	19
6	9086	20	<0.2	0.18	125	180	<5	2.07	<1	5	77	5	1.59	20	0.69	1176	3	0.03	11	450	6	75	<20	92	<0.01	<10	4	<10	4	24
7	9087	560	<0.2	0.18	1085	135	<5	1.85	4	4	90	3	1.38	10	0.47	1512	3	0.02	8	300	12	1765	<20	77	<0.01	<10	2	<10	4	94
8	9088	5	<0.2	0.29	15	320	<5	1.50	<1	7	60	2	1.73	20	0.54	379	1	0.05	11	540	6	25	<20	139	<0.01	<10	17	<10	10	21
9	9089	795	<0.2	0.22	655	80	<5	1.94	<1	8	77	4	1.82	10	0.60	570	2	0.04	11	550	8	10	<20	117	<0.01	<10	9	<10	9	19
10	9090	<5	<0.2	0.44	<5	145	<5	1.55	<1	7	60	2	1.76	30	0.58	396	<1	0.05	11	620	8	10	<20	118	<0.01	<10	18	<10	10	26
11	9091	80	0.3	0.21	220	35	<5	1.79	1	8	78	5	1.87	20	0.56	982	6	0.03	9	480	18	5	<20	118	<0.01	<10	3	<10	9	32
12	9092	370	0.6	0.24	370	165	<5	1.47	2	7	46	10	1.22	20	0.45	611	8	0.04	10	470	46	10	<20	144	<0.01	<10	3	<10	9	105
13	9093	65	<0.2	0.16	200	135	<5	2.65	<1	6	70	1	1.93	20	0.78	907	1	0.03	10	520	4	<5	<20	72	<0.01	<10	5	<10	7	23
14	9094	125	0.2	0.20	440	135	<5	3.88	1	10	60	14	2.40	10	1.26	1103	1	0.03	29	610	12	30	<20	151	<0.01	<10	9	<10	8	66
15	9095	310	0.2	0.19	395	80	<5	2.64	<1	6	61	2	1.72	20	0.62	849	<1	0.02	12	460	8	5	<20	170	<0.01	<10	5	<10	6	29
16	9096	5	0.2	0.17	10	75	<5	0.38	<1	3	74	2	1.74	30	0.18	369	4	0.04	2	290	12	25	<20	64	<0.01	<10	1	<10	7	45
17	9097	<5	<0.2	0.19	<5	80	<5	0.28	<1	2	56	2	1.51	30	0.17	330	3	0.05	1	280	12	10	<20	70	<0.01	<10	<1	<10	7	42
18	9098	20	<0.2	0.16	360	70	<5	0.67	6	<1	71	2	0.64	<10	0.03	478	3	0.02	4	40	78	65	<20	72	<0.01	<10	<1	<10	7	177
19	9101	65	<0.2	0.16	1105	55	<5	0.96	6	<1	63	2	0.59	<10	0.02	748	2	0.02	4	40	58	50	<20	71	<0.01	<10	<1	<10	7	154
20	9102	130	<0.2	0.15	950	50	<5	0.34	3	<1	62	2	0.66	10	0.04	189	3	0.02	2	40	12	40	<20	50	<0.01	<10	<1	<10	4	58
21	9103	<5	<0.2	0.18	20	255	<5	2.15	<1	7	53	2	1.73	20	0.66	790	1	0.04	11	550	16	20	<20	87	<0.01	<10	7	<10	8	33
22	9104	<5	<0.2	0.15	<5	575	<5	2.19	<1	7	64	2	1.76	20	0.70	562	1	0.03	9	600	6	<5	<20	123	<0.01	<10	6	<10	7	23
23	9105	20	<0.2	0.18	545	65	<5	2.36	2	6	59	3	1.87	10	0.72	1024	2	0.03	10	550	8	25	<20	70	<0.01	<10	3	<10	5	25
24	9106	470	0.7	0.20	2995	45	<5	2.27	5	7	76	6	2.26	20	0.74	1171	3	0.02	12	660	16	50	<20	75	<0.01	<10	4	<10	6	41
25	9107	605	3.3	0.18	2415	35	<5	2.24	6	6	68	22	1.95	10	0.68	1148	3	0.02	11	600	4	360	<20	63	<0.01	<10	4	<10	5	57
26	9108	>1000	4.2	0.20	2820	35	<5	2.03	7	7	92	37	2.24	20	0.63	743	2	0.02	11	610	6	80	<20	56	<0.01	<10	4	<10	6	67
27	9109	180	2.8	0.20	2240	60	<5	2.43	8	7	70	39	2.11	10	0.77	862	1	0.02	13	620	6	50	<20	66	<0.01	<10	5	<10	6	75
28	9110	15	0.7	0.17	1000	60	<5	2.40	3	7	85	28	1.97	10	0.75	669	2	0.02	11	570	4	40	<20	66	<0.01	<10	5	<10	5	49
29	9111	20	0.3	0.18	740	55	<5	2.20	3	7	68	9	1.97	20	0.69	605	2	0.02	11	560	4	15	<20	70	<0.01	<10	4	<10	5	47
30	9112	95	1.6	0.20	655	55	<5	2.14	2	7	88	18	1.95	20	0.66	559	4	0.02	11	570	4	45	<20	83	<0.01	<10	5	<10	5	51
31	9113	210	0.7	0.20	1320	45	<5	2.30	3	8	78	13	2.11	20	0.74	622	3	0.01	13	560	4	25	<20	72	<0.01	<10	5	<10	5	45
32	9114	>1000	0.5	0.13	1570	40	<5	2.43	6	8	64	23	2.07	10	0.78	617	3	0.02	12	580	2	35	<20	73	<0.01	<10	4	<10	5	59
33	9115	10	0.5	0.18	1010	50	<5	2.48	3	8	77	36	2.13	10	0.78	646	2	0.02	11	560	14	35	<20	85	<0.01	<10	5	<10	5	51
34	9116	55	<0.2	0.14	1165	60	<5	2.72	3	8	61	10	2.13	10	0.84	844	2	0.02	13	540	6	20	<20	98	<0.01	<10	7	<10	6	54
35	9117	35	<0.2	0.15	1045	75	<5	2.44	3	7	56	6	1.97	10	0.75	626	2	0.02	13	540	6	20	<20	88	<0.01	<10	5	<10	5	46

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
36	9118	5	<0.2	0.14	805	90	<5	2.15	2	6	68	4	1.77	10	0.65	509	3	0.02	9	500	6	15	<20	73	<0.01	<10	4	<10	6	41
37	9119	<5	<0.2	0.14	280	95	<5	2.28	1	7	51	4	1.67	10	0.69	435	3	0.03	11	510	4	10	<20	85	<0.01	<10	4	<10	5	39
38	9120	<5	<0.2	0.15	105	125	<5	2.36	<1	7	56	2	1.70	10	0.75	407	2	0.03	10	480	4	5	<20	91	<0.01	<10	5	<10	6	35
39	9121	<5	<0.2	0.22	85	130	<5	5.52	<1	21	55	10	3.88	<10	2.29	1037	<1	0.02	57	670	8	10	<20	265	<0.01	<10	20	<10	6	105
40	9122	5	<0.2	0.16	75	165	<5	3.54	1	9	54	10	2.32	10	1.23	753	5	0.02	17	590	16	15	<20	153	<0.01	<10	10	<10	5	66
41	9123	10	<0.2	0.31	25	420	10	4.76	<1	22	49	18	4.12	10	2.26	989	<1	0.05	55	900	8	15	<20	387	<0.01	<10	44	<10	10	72
42	9124	<5	<0.2	0.22	<5	540	<5	3.14	<1	12	62	20	2.35	20	1.29	652	<1	0.04	27	570	6	20	<20	221	<0.01	<10	18	<10	7	40
43	9125	155	4.7	0.31	310	60	<5	4.42	<1	18	51	63	3.89	10	1.66	1490	6	0.03	30	1070	46	40	<20	223	<0.01	<10	22	<10	8	71
44	9126	5	0.2	0.18	55	180	<5	2.60	<1	6	67	11	1.81	10	0.86	632	1	0.03	12	480	8	10	<20	108	<0.01	<10	8	<10	6	34
45	9127	<5	<0.2	0.22	30	205	<5	2.14	<1	6	91	9	1.80	10	0.78	464	<1	0.04	12	510	8	5	<20	117	<0.01	<10	9	<10	6	29
46	9128	120	0.3	0.21	135	95	<5	2.18	<1	8	84	10	1.97	10	0.81	567	3	0.04	13	530	26	15	<20	141	<0.01	<10	8	<10	6	31
47	9129	195	4.6	0.30	1020	60	5	4.28	4	29	56	39	4.74	10	2.03	1393	<1	0.03	69	640	78	30	<20	194	<0.01	<10	40	<10	9	114
48	9130	30	0.6	0.22	90	175	<5	2.61	<1	8	87	14	1.98	10	0.95	583	2	0.04	17	500	8	10	<20	132	<0.01	<10	11	<10	7	31
49	9131	420	0.5	0.54	687	90	<5	4.58	3	25	87	43	3.91	12	2.23	1257	1	0.04	83	731	9	8	<20	471	<0.01	<10	34	<10	7	64
50	9132	<5	<0.2	1.27	10	455	<5	3.43	<1	26	111	68	4.65	20	2.51	825	<1	0.06	84	910	14	35	<20	301	<0.01	<10	54	<10	11	68
51	9133	>1000	11.2	0.22	495	60	<5	5.14	6	18	64	102	2.88	<10	2.08	739	8	0.04	52	490	154	90	<20	361	<0.01	<10	16	<10	7	161
52	9134	15	<0.2	0.23	25	385	<5	2.10	<1	7	49	16	1.69	20	0.83	421	1	0.05	15	530	8	10	<20	175	<0.01	<10	15	<10	8	22
53	9135	70	<0.2	0.17	285	95	<5	0.84	6	1	66	4	0.71	10	0.08	543	3	0.02	2	80	92	65	<20	88	<0.01	<10	<1	<10	5	248
54	9136	<5	<0.2	0.19	235	110	<5	2.41	<1	6	63	13	1.84	10	0.77	705	2	0.03	12	480	20	35	<20	81	<0.01	<10	7	<10	6	30
55	9137	110	0.2	0.22	1795	40	<5	2.00	7	7	75	7	2.10	10	0.64	1054	<1	0.03	13	560	10	55	<20	77	<0.01	<10	5	<10	6	90
56	9138	285	0.2	0.22	1350	70	<5	0.29	5	<1	82	3	0.78	10	0.10	1258	4	0.03	3	30	18	25	20	60	<0.01	<10	<1	<10	3	113
57	9139	510	<0.2	0.19	1995	40	<5	0.37	8	1	74	3	0.77	<10	0.12	1098	2	0.03	4	30	8	65	20	65	<0.01	<10	<1	<10	3	175
58	9140	<5	<0.2	0.14	35	290	<5	2.02	<1	7	52	2	1.89	20	0.76	660	1	0.03	11	540	6	10	<20	75	<0.01	<10	7	<10	6	28
59	9141	15	0.2	0.20	45	320	<5	2.06	<1	8	67	9	2.01	20	0.78	611	3	0.04	13	600	16	20	<20	107	<0.01	<10	7	<10	8	66
60	9142	<5	0.2	0.21	25	520	<5	2.31	<1	8	62	4	2.06	20	0.87	575	<1	0.04	13	610	8	10	<20	113	<0.01	<10	8	<10	7	32
61	9143	30	<0.2	0.17	25	70	<5	0.42	1	2	67	2	0.84	<10	0.09	379	3	0.03	4	80	28	15	<20	75	<0.01	<10	<1	<10	4	66
62	9144	5	<0.2	0.15	10	435	<5	2.14	<1	6	45	1	1.57	20	0.67	521	<1	0.03	8	580	8	10	<20	102	<0.01	<10	6	<10	8	22
63	9145	160	0.4	0.19	425	160	<5	2.49	2	7	68	4	2.11	10	0.77	945	2	0.03	13	590	28	10	<20	89	<0.01	<10	8	<10	7	59
64	9146	700	<0.2	0.20	350	135	<5	1.79	<1	7	66	4	1.69	10	0.58	704	2	0.04	10	530	10	15	<20	79	<0.01	<10	9	<10	9	26
65	9147	340	0.4	0.22	1165	30	<5	2.11	6	7	86	5	2.07	10	0.65	1219	4	0.02	12	530	16	25	<20	74	<0.01	<10	5	<10	8	88
66	9148	65	0.4	0.16	860	40	<5	2.04	5	6	64	5	1.98	10	0.62	1207	2	0.02	11	530	18	15	<20	82	<0.01	<10	5	<10	8	52
67	9899	>1000	>30	0.48	>10000	10	<5	0.39	556	46	1834	1792	6.67	20	0.24	777	18	<0.01	1635	160	>10000	810	<20	13	<0.01	<10	19	<10	3	>10000
68	9900	<5	<0.2	1.17	10	65	10	0.63	<1	9	118	18	1.93	<10	0.67	257	<1	0.09	25	420	22	<5	20	26	0.02	<10	24	<10	6	39
69	10201	30	<0.2	0.20	145	65	<5	1.88	3	9	53	17	1.90	20	0.67	663	21	0.03	14	520	60	25	<20	171	<0.01	<10	6	<10	9	120
QC DATA:																														
Resplit:																														
1	9081	5	<0.2	0.19	5	585	<5	2.20	<1	6	77	2	1.70	20	0.66	524	1	0.04	11	580	6	10	<20	113	<0.01	<10	6	<10	7	28
36	9118	<5	<0.2	0.15	770	105	<5	2.15	3	6	74	4	1.78	10	0.65	506	3	0.02	10	520	6	25	<20	73	<0.01	<10	4	<10	5	41
Repeat:																														
1	9081	10	<0.2	0.22	<5	645	<5	2.14	<1	7	78	1	1.67	20	0.64	510	2	0.04	9	580	6	10	<20	111	<0.01	<10	6	<10	7	24
7	9087	565	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	9089	815	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	9090	<5	<0.2	0.46	5	150	<5	1.55	<1	7	61	2	1.79	30	0.58	400	1	0.05	11	650	8	5	<20	121	<0.01	<10	18	<10	10	29
12	9092	370	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
QC DATA:																														
Repeat:																														
19	9101	65	<0.2	0.16	1075	50	<5	0.96	6	<1	63	2	0.59	<10	0.02	751	2	0.02	3	30	56	60	<20	70	<0.01	<10	<1	<10	7	153
25	9107	610	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36	9118	5	<0.2	0.14	765	95	<5	2.15	3	6	68	3	1.77	10	0.65	507	3	0.02	10	510	2	20	<20	74	<0.01	<10	4	<10	6	42
45	9127	<5	<0.2	0.22	30	230	<5	2.18	<1	6	92	9	1.83	10	0.79	472	<1	0.04	12	510	6	5	<20	122	<0.01	<10	9	<10	6	29
49	9131	435	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
54	9136	<5	<0.2	0.19	225	125	<5	2.39	<1	6	63	12	1.83	10	0.76	702	2	0.03	12	460	22	30	<20	79	<0.01	<10	7	<10	6	30
57	9139	495	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Standard:																														
GEO '03		140	1.5	1.39	50	145	5	1.41	<1	17	59	86	3.26	<10	0.85	540	<1	0.02	30	580	20	<5	<20	40	0.10	<10	69	<10	8	73
GEO '03		135	1.6	1.40	55	145	<5	1.39	<1	17	59	87	3.28	<10	0.86	537	<1	0.02	30	590	22	<5	<20	44	0.11	<10	67	<10	8	73

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/kk
df/637
XLS/03
Fax: Richmond Office & email

Eco Tech Laboratory Ltd.

ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING

10041 Dallas Drive, Kamloops, BC V2C 6T4
Phone (250) 573-5700 Fax (250) 573-4557
E-mail: info@ecotechlab.com
www.ecotechlab.com

CERTIFICATE OF ASSAY AK 2003-638

CME MANAGING CONSULTANTS LTD.
#2130 - 21331 Gordon Way
Richmond, BC
V6W 1J9

19-Dec-03

No. of samples received: 69
Sample type: Core
Project Name: Skukum
Project Number: P56D
Submitted By: TV

ET #.	Tag #	Au (g/t)	Au (oz/t)
26	9108	2.74	0.080
32	9114	2.40	0.070
51	9133	4.29	0.125
67	9899	9.87	0.288

QC DATA:

Standard:

PM184	0.53	0.015

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/kk
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Fax: Richmond Office & email

APPENDIX III

CERTIFICATES OF ANALYSIS

b. Drill Core Samples

28-Oct-03

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2003-472

CME MANAGING CONSULTANTS LTD.
#2130 - 21331 Gordon Way
Richmond, BC
V6W 1J9

No. of samples received: 14
Sample type: Core
Project Name: Skukum
Project #: P56CDR

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Tl %	U	V	W	Y	Zn
1	9338	<5	<0.2	0.22	10	370	<5	2.01	<1	9	67	8	1.70	20	0.43	1162	4	0.04	11	720	18	10	<20	54	<0.01	<10	19	<10	8	38
2	9339	730	9.3	0.27	8500	20	<5	4.15	<1	21	49	32	4.25	<10	1.04	>10000	<1	0.02	38	1440	1908	60	<20	64	0.04	<10	15	<10	9	1212
3	9340	105	3.3	0.20	1465	135	<5	4.14	<1	10	59	17	2.26	10	0.89	>10000	<1	0.03	19	624	141	<5	<20	97	0.02	<10	8	<10	8	170
4	9341	10	1.2	0.88	<5	40	<5	5.82	<1	27	84	54	4.56	<10	2.02	2263	<1	0.03	99	1440	126	25	<20	222	0.01	<10	44	<10	9	84
5	9342	15	0.3	1.81	<5	55	<5	4.65	<1	30	131	25	4.78	<10	2.60	1562	<1	0.04	122	1360	75	<5	<20	209	0.01	<10	74	<10	9	106
6	9343	5	0.3	0.17	<5	495	<5	1.96	<1	5	73	16	1.24	20	0.37	887	2	0.04	7	432	54	10	<20	35	<0.01	<10	7	<10	6	40
7	9344	10	16.3	0.16	1155	250	<5	2.70	<1	7	71	34	1.53	20	0.55	7261	7	0.03	14	432	1134	95	<20	65	<0.01	<10	6	<10	6	713
8	9345	25	<0.2	0.33	<5	730	<5	5.96	<1	22	58	14	3.97	10	1.56	1383	<1	0.03	40	1760	27	5	<20	169	0.01	<10	33	<10	11	82
9	9346	15	<0.2	0.16	<5	60	<5	0.39	<1	1	53	5	0.75	20	0.09	347	3	0.04	<1	32	93	5	<20	55	<0.01	<10	2	<10	6	61
10	9347	5	1.6	0.21	30	30	<5	5.71	<1	10	52	28	3.92	10	1.15	2882	7	0.05	30	656	426	25	<20	113	0.01	<10	20	<10	10	101
11	9348	260	0.6	0.18	<5	100	<5	2.74	<1	9	51	16	2.65	20	0.52	1418	2	0.04	12	704	186	10	<20	99	<0.01	<10	19	<10	10	81
12	9349	5	<0.2	0.17	<5	210	<5	1.78	<1	6	53	3	1.87	20	0.35	522	2	0.05	8	672	18	<5	<20	72	<0.01	<10	12	<10	8	46
13	9370	>1000	>30	0.49	>10000	30	<5	0.51	<1	51	2377	1692	6.37	<10	0.26	940	20	0.01	1977	3024	>10000	775	<20	19	0.02	<10	26	<10	4	>10000
14	9371	5	0.2	1.21	<5	80	<5	0.90	<1	10	139	22	1.99	<10	0.55	320	1	0.11	29	496	48	<5	<20	35	0.05	<10	46	<10	<1	41
QC DATA:																														
Resplit:																														
1	9338	<5	<0.2	0.24	20	435	<5	2.05	<1	8	74	8	1.71	20	0.42	1170	3	0.05	12	688	18	5	<20	57	<0.01	<10	20	<10	8	41
Repeat:																														
1	9338	<5	<0.2	0.23	25	410	<5	2.06	<1	8	68	7	1.74	20	0.44	1171	4	0.05	11	120	12	10	<20	59	<0.01	<10	20	<10	8	38
10	9347	-	1.7	0.21	10	30	<5	5.45	<1	10	51	28	3.76	10	1.10	2776	6	0.05	22	608	417	15	<20	108	0.01	<10	19	<10	10	97
Standard:																														
GEO '03		145	1.4	1.57	45	165	<5	1.85	<1	18	63	86	3.51	<10	0.84	660	<1	0.03	33	740	22	<5	<20	46	0.04	<10	72	<10	<1	81

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/kk
df/467
XLS/03

22-Oct-03

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2003-475

CME MANAGING CONSULTANTS LTD.
#2130 - 21331 Gordon Way
Richmond, BC
V6W 1J9

No. of samples received: 46
Sample type: Core
Project Name: Skukum
Project #: P56D

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Tl %	U	V	W	Y	Zn
1	9394	15	<0.2	0.20	160	245	<5	2.87	<1	8	62	11	2.03	20	0.82	841	10	0.03	14	710	8	15	<20	127	<0.01	<10	7	<10	6	65
2	9395	30	<0.2	0.22	340	195	<5	2.90	<1	9	73	6	2.06	20	0.82	729	3	0.03	15	660	12	25	<20	128	<0.01	<10	8	<10	6	63
3	9396	220	0.2	0.21	725	150	<5	2.81	<1	9	81	4	2.05	20	0.79	736	3	0.03	16	680	8	25	<20	112	<0.01	<10	8	<10	6	84
4	9397	490	0.4	0.20	885	135	<5	2.56	<1	8	71	4	1.98	20	0.71	716	<1	0.02	12	660	6	15	<20	87	<0.01	<10	7	<10	6	76
5	9398	755	0.2	0.19	620	135	<5	2.53	<1	9	78	3	1.87	20	0.70	639	2	0.02	13	640	6	25	<20	84	<0.01	<10	7	<10	6	96
6	9399	>1000	>30	0.50	>10000	25	<5	0.42	367	53	2221	1774	6.66	10	0.23	845	29	0.01	1914	180	>10000	930	<20	15	<0.01	<10	24	<10	3	>10000
7	9400	<5	<0.2	1.16	5	65	5	0.78	<1	11	123	19	1.96	<10	0.67	286	3	0.09	26	500	38	<5	<20	28	0.10	<10	13	<10	9	50
8	9401	60	0.4	0.20	310	105	<5	2.68	2	8	68	4	1.96	20	0.76	851	<1	0.02	13	730	6	20	<20	75	<0.01	<10	7	<10	6	56
9	9402	200	0.4	0.21	430	115	<5	2.33	2	8	77	4	1.87	20	0.65	632	2	0.02	13	750	6	10	<20	87	<0.01	<10	7	<10	6	55
10	9403	25	<0.2	0.22	230	175	<5	2.65	<1	8	86	4	1.90	20	0.73	766	3	0.03	14	680	4	25	<20	99	<0.01	<10	8	<10	6	55
11	9404	35	<0.2	0.21	300	180	<5	2.74	<1	8	74	3	1.99	20	0.75	658	2	0.03	13	680	4	10	<20	108	<0.01	<10	8	<10	6	53
12	9405	815	0.4	0.27	1410	115	<5	3.02	<1	12	47	6	2.12	10	0.93	1076	<1	0.04	28	640	14	30	<20	141	<0.01	<10	10	<10	7	61
13	9406	430	<0.2	0.22	830	100	<5	2.86	<1	8	74	4	2.07	20	0.75	837	2	0.03	16	660	6	40	<20	119	<0.01	<10	7	<10	6	60
14	9407	>1000	0.4	0.21	1540	90	<5	2.28	<1	9	61	6	2.03	10	0.62	735	1	0.03	14	670	10	95	<20	92	<0.01	<10	6	<10	5	211
15	9408	70	<0.2	0.22	855	155	<5	2.75	<1	8	78	2	1.97	20	0.77	799	4	0.03	16	670	4	35	<20	109	<0.01	<10	7	<10	6	55
16	9409	40	<0.2	0.21	785	125	<5	2.59	<1	9	60	2	1.96	20	0.72	936	<1	0.03	15	680	4	35	<20	111	<0.01	<10	6	<10	6	49
17	9410	>1000	3.0	0.23	9250	60	<5	2.22	11	12	69	41	2.93	10	0.65	1576	8	0.03	22	510	20	150	<20	101	<0.01	<10	7	<10	5	77
18	9411	525	0.3	0.21	1855	125	<5	2.52	19	10	61	3	2.05	20	0.73	682	1	0.03	15	670	8	50	<20	93	<0.01	<10	6	<10	6	73
19	9412	210	<0.2	0.22	1060	130	<5	2.69	2	8	85	2	2.05	20	0.74	1198	3	0.03	15	650	6	40	<20	104	<0.01	<10	7	<10	6	72
20	9413	>1000	8.1	0.23	4925	70	<5	2.70	<1	13	67	28	2.33	<10	0.85	1682	4	0.03	29	570	36	3715	<20	110	<0.01	<10	8	<10	5	658
21	9414	>1000	4.0	0.25	5365	75	<5	2.83	<1	15	69	24	2.68	<10	0.90	1189	3	0.03	35	610	24	635	<20	105	<0.01	<10	10	<10	5	305
22	9415	215	0.5	0.23	390	250	<5	3.00	<1	10	54	24	2.09	10	0.96	983	1	0.03	22	650	8	60	<20	113	<0.01	<10	8	<10	7	52
23	9416	>1000	6.2	0.21	6310	55	<5	1.90	14	14	77	34	2.51	10	0.59	756	5	0.03	30	570	30	1625	<20	83	<0.01	<10	6	<10	5	1079
24	9417	>1000	3.7	0.22	7430	60	<5	2.29	59	15	55	24	2.84	20	0.75	1585	<1	0.03	34	690	14	125	<20	87	<0.01	<10	7	<10	6	84
25	9418	>1000	6.3	0.18	2730	55	<5	1.17	37	10	96	29	2.06	10	0.37	664	7	0.02	19	370	62	955	<20	72	<0.01	<10	4	<10	4	1324
26	9419	>1000	8.8	0.22	2420	70	<5	2.33	14	12	69	20	2.33	10	0.71	1174	4	0.03	30	590	172	355	<20	127	<0.01	<10	7	<10	6	872
27	9420	370	<0.2	0.21	645	235	<5	2.63	<1	8	66	3	1.82	20	0.68	833	2	0.03	13	640	12	55	<20	100	<0.01	<10	5	<10	6	42
28	9421	>1000	0.9	0.21	790	105	<5	1.88	<1	9	57	20	1.72	20	0.48	1000	11	0.03	15	510	24	80	<20	106	<0.01	<10	4	<10	6	43
29	9422	840	0.7	0.16	2125	105	<5	0.44	<1	1	63	2	0.69	<10	0.05	1719	4	0.02	4	60	20	170	<20	60	<0.01	<10	<1	<10	3	86
30	9423	>1000	1.5	0.15	4795	80	<5	0.13	<1	1	49	3	0.85	10	0.02	1209	2	0.02	2	40	56	785	<20	28	<0.01	<10	<1	<10	3	122
31	9424	875	1.2	0.15	2850	85	<5	0.16	3	1	58	5	0.73	10	0.03	1230	3	0.02	2	40	46	1905	<20	28	<0.01	<10	<1	<10	4	177
32	9425	445	0.7	0.14	2025	95	<5	0.22	12	1	63	3	0.70	10	0.05	894	5	0.02	3	70	52	575	<20	31	<0.01	<10	<1	<10	4	153
33	9426	125	1.2	0.16	205	120	<5	1.23	2	5	87	26	1.03	30	0.33	732	14	0.02	9	240	52	115	<20	52	<0.01	<10	2	<10	4	36
34	9427	>1000	1.0	0.16	550	85	<5	1.05	6	6	72	6	1.47	20	0.27	458	2	0.02	7	370	22	320	<20	48	<0.01	<10	2	<10	4	80
35	9428	65	<0.2	0.17	55	215	<5	1.43	<1	4	86	2	1.13	20	0.37	533	3	0.02	9	360	4	30	<20	62	<0.01	<10	3	<10	4	21

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Tl %	U	V	W	Y	Zn
36	9429	5	<0.2	0.20	<5	525	<5	2.34	<1	8	64	2	1.61	20	0.63	686	<1	0.03	11	620	6	10	<20	114	<0.01	<10	7	<10	6	26
37	9430	370	0.4	0.20	600	165	<5	2.14	<1	7	80	3	1.74	20	0.56	772	3	0.03	11	550	8	15	<20	96	<0.01	<10	5	<10	5	30
38	9431	>1000	24.5	0.17	1885	50	<5	0.53	<1	6	120	41	1.26	<10	0.13	392	8	0.02	13	350	180	>10000	<20	54	<0.01	<10	3	<10	4	663
39	9432	375	3.3	0.19	1205	95	<5	2.51	<1	8	64	20	1.75	10	0.66	1677	<1	0.03	12	620	144	>10000	<20	100	<0.01	<10	6	<10	6	101
40	9433	65	<0.2	0.20	160	275	<5	2.45	<1	8	69	1	1.86	20	0.72	1056	2	0.03	12	670	6	30	<20	105	<0.01	<10	7	<10	6	31
41	9434	60	0.2	0.20	125	110	<5	2.24	<1	7	66	4	1.52	30	0.64	916	3	0.03	10	600	4	160	<20	96	<0.01	<10	6	<10	6	38
42	9435	25	<0.2	0.21	250	105	<5	2.40	3	7	72	1	1.84	20	0.68	998	3	0.03	13	670	4	15	<20	83	<0.01	<10	6	<10	6	27
43	9436	105	0.3	0.21	435	75	<5	2.20	3	9	67	3	1.88	20	0.64	910	2	0.03	14	680	8	10	<20	91	<0.01	<10	6	<10	6	30
44	9437	75	0.2	0.20	790	70	<5	2.00	<1	7	65	3	1.56	20	0.56	761	1	0.03	11	540	6	10	<20	77	<0.01	<10	4	<10	5	24
45	9438	460	0.9	0.15	1500	55	<5	0.36	<1	4	70	5	1.04	20	0.10	167	45	0.02	6	230	22	20	<20	35	<0.01	<10	1	<10	4	33
46	9439	<5	<0.2	0.19	65	80	<5	2.35	<1	8	57	3	1.91	10	0.67	1078	2	0.04	13	590	4	<5	<20	99	<0.01	<10	8	<10	8	29
QC DATA:																														
Resplit:																														
1	9394	15	<0.2	0.20	160	255	<5	2.97	<1	9	67	10	2.11	30	0.84	849	9	0.03	15	740	4	25	<20	119	<0.01	<10	7	<10	6	72
36	9429	<5	<0.2	0.22	10	540	<5	2.21	<1	7	70	2	1.54	20	0.60	655	<1	0.03	11	550	4	5	<20	116	<0.01	<10	7	<10	5	23
Repeat:																														
1	9394	10	<0.2	0.21	160	260	<5	2.93	<1	9	62	11	2.07	30	0.85	841	9	0.03	14	730	6	15	<20	123	<0.01	<10	7	<10	6	66
10	9403	20	<0.2	0.21	195	180	<5	2.57	2	8	80	2	1.84	20	0.71	714	2	0.02	13	660	4	25	<20	87	<0.01	<10	7	<10	6	49
19	9412	225	<0.2	0.22	1150	130	<5	2.57	<1	7	80	2	1.94	20	0.69	1157	2	0.03	12	640	6	45	<20	102	<0.01	<10	7	<10	6	71
36	9429	<5	<0.2	0.20	5	495	<5	2.28	<1	7	62	2	1.57	20	0.64	666	<1	0.03	12	570	4	10	<20	114	<0.01	<10	7	<10	6	23
45	9438	-	0.8	0.15	1540	55	<5	0.36	<1	4	71	6	1.06	20	0.10	172	36	0.02	5	240	24	15	<20	35	<0.01	<10	1	<10	4	33
Standard:																														
GEO '03		135	1.5	1.52	50	130	<5	1.61	<1	20	61	78	3.59	<10	0.88	606	<1	0.03	31	760	22	<5	<20	38	0.09	<10	64	<10	9	83
GEO '03		145	1.4	1.54	55	130	<5	1.57	<1	19	59	78	3.50	<10	0.88	595	<1	0.03	30	640	22	<5	<20	41	0.10	<10	61	<10	9	76

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

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Eco Tech Laboratory Ltd.

ASSAYING
GEOCHEMISTRY
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ENVIRONMENTAL TESTING

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CERTIFICATE OF ASSAY AK 2003-475

CME MANAGING CONSULTANTS LTD.
#2130 - 21331 Gordon Way
Richmond, BC
V6W 1J9

23-Oct-03

No. of samples received: 46
Sample type: Core
Project Name: Skukum
Project #: P56D

ET #.	Tag #	Au (g/t)	Au (oz/t)
6	9399	10.9	0.318
14	9407	2.58	0.075
17	9410	4.67	0.136
20	9413	5.87	0.171
21	9414	5.96	0.174
23	9416	11.9	0.347
24	9417	4.32	0.126
25	9418	6.47	0.189
26	9419	2.87	0.084
28	9421	1.20	0.035
30	9423	1.37	0.040
34	9427	2.84	0.083
38	9431	4.76	0.139
QC DATA:			
Repeat:			
20	9413	7.67	0.224
21	9414	5.99	0.175
23	9416	11.9	0.347
25	9418	6.95	0.203
38	9431	5.10	0.149
Standard:			
PM163		1.62	0.047
PM184		0.58	0.017
PG102		0.08	0.002

JJ/kk
XLS/03

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

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CERTIFICATE OF ASSAY AK 2003-475A

CME MANAGING CONSULTANTS LTD.
#2130 - 21331 Gordon Way
Richmond, BC
V6W 1J9

29-Oct-03

No. of samples received: 46
Sample type: Core
Project Name: Skukum
Project #: P56D

ET #.	Tag #	Au (g/t)	Au (oz/t)
11	9404	0.04	0.001
12	9405	0.85	0.025
13	9406	0.47	0.014
15	9408	0.07	0.002
16	9409	0.06	0.002
18	9411	0.59	0.017
19	9412	0.23	0.007
22	9415	0.24	0.007
27	9420	0.50	0.015
29	9422	0.86	0.025
31	9424	0.90	0.026
32	9425	0.45	0.013
33	9426	0.11	0.003
35	9428	0.07	0.002
36	9429	<0.03	<0.001
37	9430	0.35	0.010
39	9432	0.36	0.010
40	9433	0.06	0.002
41	9434	0.05	0.001
42	9435	<0.03	<0.001

QC DATA:

Standard:

PM163	1.63	0.048

JJ/kk
XLS/03

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

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ICP CERTIFICATE OF ANALYSIS AK 2003-496

CME MANAGING CONSULTANTS LTD.
#2130 - 21331 Gordon Way
Richmond, BC
V6W 1J9

No. of samples received: 28
Sample type: Core
Project Name: Skukum
Project Number: P56D
Submitted By: TV

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Tl %	U	V	W	Y	Zn
1	9350	<5	0.3	0.24	<5	30	<5	1.55	<1	7	58	8	2.17	30	0.37	1184	<1	0.06	12	570	26	<5	<20	147	<0.01	<10	18	<10	20	107
2	9351	15	0.2	0.25	<5	30	<5	1.46	<1	7	62	5	1.79	30	0.36	1159	<1	0.04	10	560	26	<5	<20	128	<0.01	<10	12	<10	17	50
3	9352	<5	0.2	0.26	<5	35	<5	0.89	<1	1	54	5	0.77	20	0.23	441	5	0.03	4	20	13	<5	<20	136	<0.01	<10	1	<10	16	41
4	9353	<5	0.6	0.20	<5	30	<5	0.38	<1	1	78	10	0.68	10	0.12	435	3	0.05	3	10	83	5	<20	75	<0.01	<10	1	<10	12	35
5	9354	<5	<0.2	0.17	<5	15	<5	0.77	<1	<1	50	2	0.65	30	0.06	546	3	0.06	4	20	42	<5	<20	96	<0.01	<10	1	<10	18	37
6	9355	<5	0.5	0.22	<5	35	<5	0.99	<1	2	57	5	0.77	30	0.06	660	21	0.06	5	30	91	5	<20	136	<0.01	<10	2	<10	18	55
7	9356	<5	0.2	0.16	<5	15	<5	0.43	<1	<1	50	3	0.67	30	0.05	422	3	0.06	3	20	39	<5	<20	74	<0.01	<10	1	<10	16	36
8	9357	10	<0.2	0.17	<5	20	<5	0.43	<1	<1	61	2	0.48	10	0.06	290	3	0.05	3	<10	31	<5	<20	70	<0.01	<10	<1	<10	15	21
9	9358	10	0.3	0.16	<5	35	<5	0.67	<1	1	64	4	0.68	10	0.12	720	6	0.07	5	20	34	<5	<20	87	<0.01	<10	2	<10	16	47
10	9359	290	1.1	0.23	115	40	<5	2.31	<1	7	67	23	1.71	20	0.39	3279	8	0.04	11	470	29	5	<20	172	<0.01	20	6	<10	16	78
11	9360	<5	<0.2	0.20	<5	240	<5	1.68	<1	4	65	15	1.26	30	0.34	819	2	0.05	8	360	8	5	<20	105	<0.01	<10	7	<10	9	22
12	9361	5	0.2	0.19	<5	225	<5	2.12	2	6	75	13	1.58	20	0.68	1032	2	0.05	14	460	49	<5	<20	73	<0.01	<10	11	<10	11	133
13	9362	<5	0.7	0.86	<5	70	<5	3.55	6	18	71	34	3.22	20	2.07	1922	1	0.04	58	900	179	<5	<20	80	<0.01	<10	35	<10	13	428
14	9363	10	<0.2	0.19	<5	685	<5	2.15	<1	7	77	10	1.57	20	0.74	746	6	0.05	12	490	10	<5	<20	85	<0.01	<10	10	<10	12	39
15	9364	<5	<0.2	0.34	<5	905	<5	2.00	<1	6	75	6	1.31	30	0.55	464	1	0.05	11	470	8	<5	<20	124	<0.01	<10	11	<10	12	28
16	9365	<5	<0.2	0.39	<5	380	<5	1.51	<1	6	55	7	1.31	30	0.55	409	2	0.05	10	470	5	<5	<20	87	<0.01	<10	17	<10	12	28
17	9366	15	<0.2	0.48	<5	1035	<5	2.24	<1	7	67	6	1.33	30	0.59	533	1	0.05	12	480	8	<5	<20	123	<0.01	<10	13	<10	14	31
18	9367	<5	<0.2	0.50	<5	755	<5	2.05	<1	7	70	10	1.38	30	0.57	595	2	0.05	11	460	10	<5	<20	108	<0.01	<10	17	<10	14	46
19	9368	5	<0.2	1.92	<5	70	<5	2.79	7	13	43	31	3.70	30	1.52	1913	<1	0.07	15	2150	8	<5	<20	151	0.02	<10	50	<10	17	412
20	9369	<5	<0.2	2.17	<5	135	<5	3.40	6	14	46	38	3.77	30	1.61	2057	<1	0.08	14	2260	<2	<5	<20	185	0.02	<10	53	<10	19	419
21	9372	<5	<0.2	2.02	<5	120	<5	3.71	3	13	45	32	3.62	30	1.47	2003	<1	0.08	15	2220	8	<5	<20	216	0.02	<10	48	<10	19	291
22	9373	10	0.2	2.06	<5	90	<5	2.88	2	14	45	20	3.78	30	1.55	1988	<1	0.08	15	2020	23	<5	<20	152	0.02	<10	53	<10	15	243
23	9374	5	<0.2	0.43	<5	495	<5	1.87	<1	7	67	14	1.49	30	0.62	604	2	0.06	12	520	5	<5	<20	95	<0.01	<10	18	<10	14	36
24	9375	<5	<0.2	0.37	<5	785	<5	3.08	<1	7	67	13	1.42	30	0.77	605	2	0.05	14	560	5	<5	<20	142	<0.01	<10	13	<10	16	28
25	9376	5	<0.2	2.66	<5	670	<5	3.56	<1	31	144	35	4.62	30	3.97	1037	<1	0.05	123	1200	<2	<5	<20	167	<0.01	<10	75	<10	10	111
26	9377	<5	<0.2	0.37	<5	830	<5	2.47	<1	8	70	18	1.71	30	0.90	564	2	0.05	15	590	3	<5	<20	139	<0.01	<10	17	<10	14	28
27	9378	15	<0.2	0.40	<5	590	<5	2.35	<1	9	59	16	1.79	30	0.92	606	4	0.05	15	600	8	<5	<20	151	<0.01	<10	22	<10	16	31
28	9449 Std	>1000	>30	0.54	>10000	25	<5	0.39	358	49	2110	1945	6.38	20	0.26	854	30	<0.01	1846	100	>10000	900	<20	18	<0.01	<10	29	<10	<1	>10000
29	9450	<5	<0.2	1.32	15	70	<5	0.72	<1	11	129	21	1.82	<10	0.72	289	6	0.13	27	410	16	<5	<20	37	0.24	<10	27	<10	14	47

QC DATA:

Resplit:

1	9350	<5	0.3	0.26	<5	25	<5	1.59	<1	7	61	8	2.20	30	0.38	1200	2	0.06	13	550	20	5	<20	140	<0.01	<10	18	<10	20	108

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
Repeat:																														
1	9350	<5	0.2	0.26	<5	30	<5	1.59	<1	7	61	9	2.22	30	0.38	1217	<1	0.06	12	550	23	5	<20	144	<0.01	<10	18	<10	19	109
10	9359	305	1.0	0.22	105	40	<5	2.14	<1	7	62	22	1.58	20	0.35	3026	7	0.04	10	420	26	5	<20	159	0.01	20	6	<10	14	70
10	9359	255																												
19	9368	<5	0.2	1.95	<5	75	<5	2.81	7	13	43	31	3.73	30	1.52	1924	<1	0.07	13	2130	8	<5	<20	150	0.02	<10	50	<10	17	416
Standard:																														
GEO '03		135	1.4	1.67	60	130	<5	1.46	<1	19	55	91	3.25	10	0.96	597	1	0.03	29	570	18	<5	<20	47	0.09	<10	63	<10	13	68

ECO TECH LABORATORY LTD.
Jutta Jealouse
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6-Nov-03

ECO TECH LABORATORY LTD.
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ICP CERTIFICATE OF ANALYSIS AK 2003-506

CME MANAGING CONSULTANTS LTD.
#2130 - 21331 Gordon Way
Richmond, BC
V6W 1J9

No. of samples received: 46
Sample type: Core
Project Name: Skukum
Project Number: CP56C

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Tl %	U	V	W	Y	Zn
1	8149	195	20.7	0.89	100	35	10	0.68	39	11	79	432	2.68	20	0.22	272	3	0.01	4	130	792	10	<20	20	<0.01	<10	3	<10	7	1351
2	8150	>1000	>30	0.88	>10000	20	125	0.21	468	45	89	4084	7.99	20	0.34	238	<1	<0.01	<1	420	>10000	45	<20	13	<0.01	<10	8	<10	<1	>10000
3	9379	15	<0.2	0.41	35	1085	<5	2.87	<1	9	83	15	1.93	20	1.01	622	3	0.06	14	690	40	<5	<20	227	<0.01	<10	21	<10	15	45
4	9380	20	<0.2	0.35	<5	705	<5	2.61	<1	8	88	11	1.74	20	0.95	597	2	0.05	14	680	12	<5	<20	187	<0.01	<10	21	<10	14	29
5	9381	15	<0.2	0.62	<5	760	<5	4.27	<1	21	90	20	3.23	20	2.31	934	<1	0.05	53	840	12	<5	<20	269	<0.01	<10	46	<10	10	81
6	9382	20	0.2	0.67	<5	495	<5	4.07	<1	23	93	41	3.58	20	2.53	796	<1	0.07	60	910	12	<5	<20	387	<0.01	<10	61	<10	13	65
7	9383	40	0.2	0.36	20	735	<5	2.92	<1	10	90	35	2.14	20	1.20	777	4	0.06	18	710	84	10	<20	274	<0.01	<10	33	<10	17	47
8	9384	20	<0.2	0.33	<5	1030	<5	2.12	<1	9	91	15	1.99	20	0.86	557	4	0.06	13	630	20	5	<20	256	<0.01	<10	28	<10	15	38
9	9385	25	<0.2	0.34	85	270	<5	2.44	<1	8	99	18	2.01	20	0.94	583	6	0.05	14	620	16	5	<20	171	<0.01	<10	17	<10	10	32
10	9386	35	<0.2	0.36	20	480	<5	2.28	<1	9	84	26	2.00	20	0.96	715	1	0.05	15	730	16	10	<20	196	<0.01	<10	17	<10	11	34
11	9387	20	<0.2	0.50	<5	1090	<5	4.86	<1	23	80	26	3.48	20	2.73	846	<1	0.05	57	800	8	<5	<20	469	<0.01	<10	49	<10	11	66
12	9388	30	0.2	0.53	120	230	<5	4.47	<1	22	67	39	3.49	20	2.42	1054	<1	0.05	53	830	16	5	<20	373	<0.01	<10	48	<10	11	51
13	9389	75	0.5	0.41	165	165	<5	2.59	<1	9	79	29	2.03	20	0.96	850	13	0.05	15	620	108	10	<20	166	<0.01	<10	14	<10	9	55
14	9390	295	1.0	0.45	415	125	<5	3.52	<1	14	74	32	2.43	20	1.30	1983	5	0.04	28	630	88	10	<20	299	<0.01	<10	16	<10	11	121
15	9391	15	0.3	0.46	75	165	<5	4.99	<1	24	61	40	3.71	20	2.64	1107	<1	0.03	57	830	36	<5	<20	369	<0.01	<10	22	<10	9	137
16	9392	15	0.2	0.44	40	250	<5	5.26	<1	22	63	33	3.46	20	2.57	991	<1	0.03	55	730	24	<5	<20	282	<0.01	<10	22	<10	6	125
17	9393	20	<0.2	0.33	10	555	<5	2.72	<1	10	95	4	1.99	20	1.02	602	1	0.04	15	590	36	<5	<20	153	<0.01	<10	12	<10	9	44
18	9440	10	<0.2	0.36	<5	840	<5	2.44	<1	9	93	3	1.96	20	0.90	563	2	0.05	13	630	8	<5	<20	184	<0.01	<10	17	<10	10	39
19	9441	15	<0.2	0.35	5	750	<5	2.50	<1	9	89	3	2.13	20	0.91	633	1	0.04	13	710	8	<5	<20	169	<0.01	<10	15	<10	11	46
20	9442	30	<0.2	0.31	<5	900	<5	2.09	<1	9	87	5	1.87	20	0.78	513	2	0.05	11	640	8	<5	<20	244	<0.01	<10	22	<10	12	33
21	9443	15	<0.2	0.31	<5	910	<5	2.18	<1	8	81	4	1.81	20	0.79	536	1	0.04	11	640	4	<5	<20	163	<0.01	<10	18	<10	10	32
22	9444	20	<0.2	0.31	10	910	<5	2.31	<1	9	80	4	1.91	20	0.81	563	2	0.04	11	660	4	<5	<20	167	<0.01	<10	16	<10	10	37
23	9445	10	<0.2	0.31	<5	745	<5	2.24	<1	7	100	2	1.65	20	0.74	490	1	0.04	11	540	4	<5	<20	124	<0.01	<10	10	<10	10	35
24	9446	15	<0.2	0.35	<5	800	<5	2.47	<1	8	109	3	1.84	20	0.83	549	3	0.05	13	660	8	<5	<20	134	<0.01	<10	11	<10	10	42
25	9447	10	<0.2	0.33	15	835	<5	2.32	<1	9	92	6	1.95	20	0.79	585	<1	0.04	12	660	12	5	<20	134	<0.01	<10	10	<10	8	45
26	9448	10	<0.2	0.36	20	545	<5	2.62	<1	8	106	5	1.75	20	0.83	617	3	0.04	13	630	8	<5	<20	135	<0.01	<10	10	<10	9	38
27	9451	15	<0.2	0.31	50	295	<5	2.22	<1	8	81	3	1.82	20	0.73	715	<1	0.04	12	630	8	<5	<20	121	<0.01	<10	9	<10	9	44
28	9452	115	0.3	0.30	410	145	<5	2.35	<1	8	79	5	1.81	20	0.72	1187	2	0.03	11	610	4	<5	<20	118	<0.01	<10	9	<10	9	40
29	9453	20	<0.2	0.31	45	355	<5	2.43	<1	8	80	3	1.80	20	0.77	851	<1	0.04	13	610	8	<5	<20	129	<0.01	<10	11	<10	10	39
30	9454	45	<0.2	0.37	115	230	<5	2.46	<1	8	98	6	1.82	20	0.77	1025	3	0.04	12	620	<2	<5	<20	124	<0.01	<10	12	<10	10	36
31	9455	155	<0.2	0.32	220	135	<5	2.41	<1	7	91	2	1.86	30	0.75	1031	<1	0.03	13	610	4	5	<20	126	<0.01	<10	10	<10	8	39
32	9456	30	<0.2	0.36	30	225	<5	2.47	<1	8	100	3	1.90	30	0.79	678	3	0.04	12	650	4	5	<20	139	<0.01	<10	11	<10	9	38
33	9457	315	<0.2	0.35	170	270	<5	2.56	<1	8	138	5	1.95	30	0.82	691	<1	0.03	14	670	8	5	<20	123	<0.01	<10	10	<10	10	42
34	9458	165	<0.2	0.32	310	255	<5	2.50	<1	8	91	3	1.87	30	0.78	622	2	0.02	12	620	4	<5	<20	125	<0.01	<10	9	<10	9	45
35	9459	>1000	0.2	0.35	470	205	<5	2.27	<1	8	96	3	1.77	20	0.70	544	2	0.02	11	620	4	10	<20	104	<0.01	<10	9	<10	9	63
36	9460	310	<0.2	0.40	300	150	<5	2.64	<1	8	94	3	2.03	20	0.83	667	3	0.03	13	670	12	10	<20	127	<0.01	<10	13	<10	10	49
37	9461	555	<0.2	0.38	220	175	<5	2.42	<1	8	92	3	1.95	20	0.78	631	2	0.03	13	640	8	10	<20	115	<0.01	<10	10	<10	9	47

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
38	9462	15	<0.2	0.37	80	335	<5	2.45	<1	8	86	3	1.84	20	0.81	565	<1	0.03	12	640	8	10	<20	119	<0.01	<10	10	<10	9	47
39	9463	>1000	0.4	0.36	1375	130	<5	2.79	<1	10	86	7	2.16	20	0.95	674	2	0.02	20	660	8	290	<20	116	<0.01	<10	11	<10	8	85
40	9464	>1000	1.2	0.45	705	90	<5	1.89	<1	8	116	11	1.89	20	0.59	582	5	0.02	12	660	36	550	<20	84	<0.01	<10	8	<10	8	127
41	9465	>1000	0.3	0.48	485	105	<5	2.31	<1	8	128	8	2.05	20	0.70	743	8	0.02	13	630	24	40	<20	90	<0.01	<10	8	<10	7	64
42	9466	375	<0.2	0.41	235	180	<5	2.72	<1	9	89	3	2.05	20	0.82	727	2	0.02	13	670	8	50	<20	106	<0.01	<10	9	<10	8	55
43	9467	30	0.2	0.41	45	425	<5	2.79	<1	8	82	3	1.94	20	0.85	628	<1	0.02	13	660	8	10	<20	143	<0.01	<10	9	<10	7	75
44	9468	40	0.2	0.54	255	260	<5	3.62	<1	15	105	4	2.61	20	1.35	864	14	0.02	29	650	12	10	<20	165	<0.01	<10	18	<10	6	98
45	9469	5	<0.2	1.45	<5	75	5	0.92	<1	11	131	20	1.97	20	0.76	319	4	0.12	26	460	4	<5	<20	40	0.06	<10	15	<10	17	38
46	9470	>1000	>30	0.56	>10000	30	<5	0.39	415	49	2004	1884	6.51	20	0.25	828	29	<0.01	1714	110	>10000	865	<20	16	<0.01	<10	28	<10	<1	>10000
QC DATA:																														
Resplit:																														
1	8149	185	20.1	0.96	115	30	<5	0.79	42	11	93	541	2.87	20	0.24	318	6	<0.01	4	130	776	5	<20	21	<0.01	<10	4	10	8	1506
36	9460	290	<0.2	0.36	300	205	<5	2.51	<1	8	89	3	1.91	20	0.79	641	4	0.02	12	600	28	10	<20	114	<0.01	<10	12	<10	9	47
Repeat:																														
1	8149	205	20.8	0.90	100	35	10	0.69	39	11	80	426	2.69	20	0.22	275	3	<0.01	4	120	800	10	<20	20	<0.01	<10	3	<10	8	1377
10	9386	35	<0.2	0.37	20	515	<5	2.30	<1	10	86	26	2.02	30	0.97	722	2	0.05	15	740	16	10	<20	199	<0.01	<10	18	<10	11	33
19	9441	15	<0.2	0.31	5	720	<5	2.29	<1	9	83	2	1.95	30	0.83	574	<1	0.04	12	640	4	<5	<20	156	<0.01	<10	13	<10	9	42
36	9460	330	<0.2	0.36	280	190	<5	2.46	<1	8	86	3	1.89	20	0.77	622	5	0.02	13	610	8	10	<20	117	<0.01	<10	12	<10	9	46
45	9469	-	<0.2	1.44	10	80	<5	0.91	<1	11	132	21	1.96	10	0.75	316	5	0.12	26	440	148	<5	<20	41	0.07	<10	14	<10	18	43
Standard:																														
GEO '03		140	1.4	1.85	55	135	<5	1.61	<1	20	63	88	3.50	20	0.99	613	<1	0.04	29	660	28	<5	<20	46	0.10	<10	64	<10	11	67
GEO '03		145	1.4	1.75	50	135	<5	1.59	<1	19	56	85	3.27	20	0.94	583	<1	0.03	26	640	24	<5	<20	46	0.11	<10	69	<10	10	65

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

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Eco Tech Laboratory Ltd.

ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING

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CERTIFICATE OF ASSAY AK 2003-506

CME MANAGING CONSULTANTS LTD.
#2130 - 21331 Gordon Way
Richmond, BC
V6W 1J9

6-Nov-03

No. of samples received: 46
Sample type: Core
Project Name: Skukum
Project Number: CP56C

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)	Cu (%)	Pb (%)	Zn (%)
2	8150	32.6	0.951	402	11.72		3.86	2.31
35	9459	3.76	0.110					
39	9463	2.72	0.079					
40	9464	4.04	0.118					
41	9465	1.35	0.039					
46	9470	10.2	0.297	1560	45.49	2.16	2.88	
QC DATA:								
Repeat:								
2	8150	36.5	1.064					
Standard:								
PM163		1.71	0.050					
Pb106				59.2	1.73	0.62	0.54	0.86

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

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7-Nov-03

ECO TECH LABORATORY LTD.
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ICP CERTIFICATE OF ANALYSIS AK 2003-514

CME MANAGING CONSULTANTS LTD.
#2130 - 21331 Gordon Way
Richmond, BC
V6W 1J9

No. of samples received: 25
Sample type: Core
Project Name: Skukum
Project Number: P56D
Submitted By:TV

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Tl %	U	V	W	Y	Zn
1	8201	5	0.2	0.14	<5	145	<5	0.39	<1	2	81	5	0.83	20	0.07	248	8	0.04	4	20	16	25	<20	19	<0.01	<10	2	<10	11	26
2	8202	5	<0.2	0.13	<5	180	<5	0.53	<1	2	85	3	0.73	20	0.06	310	7	0.03	4	20	10	<5	<20	21	<0.01	<10	2	<10	11	18
3	8203	35	0.3	0.39	15	265	<5	3.28	9	14	71	18	3.00	30	1.50	3144	2	0.02	21	760	802	<5	<20	110	0.04	<10	22	<10	19	633
4	8204	5	<0.2	0.33	<5	105	<5	3.44	<1	16	55	63	3.11	30	1.19	1159	3	0.02	19	870	14	20	<20	134	0.03	<10	27	<10	22	74
5	8205	45	<0.2	0.63	35	70	<5	2.48	<1	17	77	78	2.91	20	1.15	862	5	0.04	20	680	12	10	<20	572	0.04	<10	49	<10	19	51
6	8206	<5	<0.2	0.25	5	65	<5	2.33	<1	12	75	56	2.08	20	0.69	882	5	0.01	12	370	40	35	<20	92	0.02	<10	10	<10	13	57
7	8207	5	<0.2	0.16	<5	85	<5	0.67	<1	3	104	20	0.86	20	0.20	190	10	0.02	4	20	26	15	<20	25	<0.01	<10	<1	<10	10	14
8	8208	<5	<0.2	0.25	<5	215	<5	1.93	<1	9	76	28	1.51	20	0.43	402	7	0.02	8	450	16	15	<20	78	0.01	<10	7	<10	17	22
9	8209	<5	<0.2	0.27	<5	120	<5	2.55	<1	16	56	40	2.38	30	0.73	576	6	0.01	11	590	24	10	<20	127	0.02	<10	18	<10	17	39
10	8210	5	<0.2	0.29	<5	710	<5	3.27	<1	26	62	49	2.47	20	1.03	1085	7	<0.01	16	700	146	<5	<20	133	0.02	<10	18	<10	16	94
11	8211	5	0.3	0.30	<5	750	<5	3.41	1	14	60	56	2.38	20	0.95	962	31	<0.01	16	920	368	5	<20	140	0.02	<10	17	<10	17	107
12	8212	<5	<0.2	0.52	<5	555	<5	6.09	<1	19	52	31	4.32	40	1.71	1324	1	0.02	27	1540	10	<5	<20	278	0.03	<10	50	<10	27	66
13	8213	<5	<0.2	0.41	<5	1210	<5	5.81	<1	18	48	23	3.84	40	1.68	1399	<1	0.01	24	1200	14	<5	<20	266	0.03	<10	43	<10	27	75
14	8214	5	<0.2	0.46	<5	1175	<5	4.75	<1	17	44	15	3.79	30	1.38	1197	1	<0.01	19	880	20	<5	<20	257	0.03	<10	44	<10	32	78
15	8215	<5	<0.2	0.44	<5	1325	<5	4.46	2	19	47	12	4.32	30	1.46	1512	<1	0.01	18	960	38	<5	<20	343	0.03	<10	50	<10	34	146
16	8216	20	0.2	0.45	<5	1120	<5	3.44	<1	16	57	32	2.89	40	1.11	1050	48	0.02	16	1080	42	15	<20	262	0.02	<10	34	<10	29	75
17	8217	<5	<0.2	0.31	45	720	<5	2.77	<1	11	59	10	1.97	30	0.82	632	5	0.02	14	680	26	<5	<20	177	0.01	<10	18	<10	20	35
18	8218	<5	<0.2	0.36	<5	530	<5	2.58	<1	9	74	5	1.91	30	0.63	634	3	0.02	13	650	8	<5	<20	141	0.01	<10	18	<10	17	29
19	8219	5	<0.2	0.34	<5	550	<5	2.53	<1	8	64	3	1.68	30	0.69	697	2	0.02	12	690	14	<5	<20	163	0.01	<10	18	<10	18	39
20	8220	15	<0.2	0.30	<5	780	<5	2.63	<1	7	76	5	1.78	30	0.76	854	4	0.03	13	650	24	<5	<20	204	0.02	<10	24	<10	18	50
21	8221	10	<0.2	0.30	<5	745	<5	2.86	<1	8	69	3	1.79	20	0.75	594	1	0.03	14	640	10	<5	<20	187	0.01	<10	20	<10	19	30
22	8222	15	<0.2	0.40	<5	1175	<5	3.55	<1	9	79	6	2.07	30	0.89	749	6	0.03	14	670	10	<5	<20	230	0.02	<10	18	<10	20	40
23	8223	5	<0.2	0.29	<5	1065	<5	3.76	<1	9	65	7	2.41	30	1.13	838	4	0.04	17	670	16	<5	<20	340	0.02	<10	18	<10	22	51
24	08249 Std	>1000	>30	0.51	>10000	15	<5	0.42	564	55	2336	1727	6.80	20	0.24	894	36	<0.01	2052	150	>10000	975	<20	13	0.06	<10	23	210	<1	>10000
25	08250	<5	<0.2	1.25	<5	70	<5	0.81	<1	10	123	19	1.98	<10	0.70	306	1	0.09	28	460	18	<5	<20	28	0.07	<10	48	<10	16	47
QC DATA:																														
Resplit:																														
1	8201	5	<0.2	0.13	<5	145	<5	0.39	<1	2	79	4	0.85	20	0.06	247	8	0.04	4	20	12	<5	<20	18	<0.01	<10	2	<10	11	19
Repeat:																														
1	8201	5	<0.2	0.14	<5	155	<5	0.41	<1	2	87	5	0.86	20	0.07	257	8	0.04	4	20	16	30	<20	19	<0.01	<10	2	<10	11	20
10	8210	<5	<0.2	0.27	<5	625	<5	2.83	1	23	56	47	2.15	20	0.88	946	7	<0.01	13	600	122	<5	<20	112	0.02	<10	16	<10	13	88
19	8219	-	<0.2	0.33	<5	540	<5	2.50	<1	8	65	3	1.68	30	0.68	689	2	0.02	13	700	18	<5	<20	160	0.01	<10	18	<10	18	40

CM NAG ONS NTS CP ICAT ANAL AK 2 4 EC LAB ORY

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
Standard:																														
GEO '03		135	1.5	1.68	60	145	<5	1.63	<1	20	63	84	3.63	<10	0.95	638	<1	0.02	31	660	20	<5	<20	54	0.07	<10	76	<10	10	80

ECO TECH LABORATORY LTD.
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JJ/kk
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12-Nov-03

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ICP CERTIFICATE OF ANALYSIS AK 2003-520

CME MANAGING CONSULTANTS LTD.
#2130 - 21331 Gordon Way
Richmond, BC
V6W 1J9

No. of samples received: 42
Sample type: Core
Project Name: Skukum
Project Number: P56D
Submitted By: TV

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	9471	5	<0.2	1.97	<5	370	<5	3.45	<1	24	65	12	4.54	40	1.95	1511	<1	0.04	18	1020	54	<5	<20	86	0.04	<10	114	<10	32	145
2	9472	<5	<0.2	1.86	<5	415	<5	3.08	<1	22	73	10	4.38	40	1.74	1295	4	0.04	17	1030	14	<5	<20	83	0.04	<10	106	<10	27	138
3	9473	<5	<0.2	1.82	<5	335	<5	3.63	1	22	68	13	4.19	30	1.69	2212	<1	0.04	19	950	64	<5	<20	91	0.05	<10	102	<10	26	199
4	9474	5	0.3	2.15	30	615	<5	4.60	3	20	67	21	4.10	30	1.53	3839	1	0.02	20	850	316	10	<20	81	0.05	<10	61	<10	19	433
5	9475	5	0.3	2.19	<5	470	5	4.54	18	19	84	14	3.87	30	1.79	5516	2	0.02	21	720	1104	<5	<20	115	0.07	<10	67	<10	19	980
6	9476	<5	0.2	2.49	<5	280	<5	3.97	4	23	81	10	4.57	40	2.10	5079	<1	0.03	21	1030	460	<5	<20	53	0.07	<10	88	<10	25	548
7	9477	<5	<0.2	2.16	<5	200	<5	4.23	<1	22	68	6	4.17	40	1.92	2666	<1	0.03	20	980	56	<5	<20	105	0.05	<10	90	<10	28	224
8	9478	<5	<0.2	2.15	<5	310	<5	3.67	2	23	71	10	4.39	30	1.97	3409	<1	0.03	20	920	172	<5	<20	87	0.07	<10	101	<10	26	321
9	9479	5	<0.2	1.86	<5	260	<5	4.21	<1	23	59	8	4.24	30	1.75	1585	<1	0.04	19	1010	22	<5	<20	126	0.05	<10	111	<10	32	174
10	9480	60	<0.2	1.95	<5	295	<5	3.57	1	24	64	9	4.39	30	1.86	2198	<1	0.05	18	970	134	<5	<20	104	0.07	<10	118	<10	26	193
11	9481	<5	<0.2	2.11	<5	310	<5	3.03	<1	26	64	9	4.60	30	2.17	2247	<1	0.06	19	950	26	<5	<20	80	0.08	<10	124	<10	24	204
12	9482	<5	<0.2	2.75	<5	285	<5	5.21	<1	30	63	5	5.25	40	2.71	2869	<1	0.03	26	1040	22	<5	<20	125	0.05	<10	113	<10	31	286
13	9483	5	0.2	2.26	<5	405	<5	3.51	1	28	60	40	4.89	40	2.11	3156	<1	0.04	21	980	108	<5	<20	94	0.07	<10	114	<10	24	324
14	9484	5	<0.2	1.68	<5	345	<5	3.44	<1	27	52	26	4.86	30	1.88	1761	<1	0.04	21	1010	14	<5	<20	187	0.06	<10	117	<10	29	174
15	9485	5	<0.2	1.33	<5	340	<5	2.73	2	25	47	19	4.46	30	1.34	1153	<1	0.04	17	1120	12	<5	<20	162	0.05	<10	113	<10	26	210
16	9486	<5	<0.2	1.30	<5	230	<5	4.07	<1	23	47	3	4.02	30	2.03	2110	<1	0.03	28	1320	18	<5	<20	127	0.04	<10	61	<10	24	197
17	9487	5	<0.2	1.43	<5	325	<5	3.84	<1	24	51	4	4.08	40	2.11	1551	<1	0.05	28	1320	20	<5	<20	96	0.04	<10	77	<10	32	140
18	9488	10	<0.2	0.71	<5	320	<5	4.49	<1	21	46	11	3.83	40	1.70	1575	<1	0.03	24	1360	14	<5	<20	77	0.03	<10	46	<10	31	106
19	9489	520	0.3	0.38	170	100	<5	5.92	1	19	58	14	3.63	30	1.98	2429	4	0.01	27	1150	46	<5	<20	99	0.04	<10	22	<10	26	105
20	9490	<5	<0.2	0.33	<5	70	<5	5.03	<1	16	55	12	3.37	30	1.75	1452	3	0.02	19	870	12	<5	<20	122	0.03	<10	35	<10	31	100
21	9491	5	<0.2	0.36	<5	630	<5	4.17	<1	15	55	8	3.13	40	1.39	1442	1	0.03	17	1010	20	<5	<20	124	0.03	<10	39	<10	29	117
22	9492	5	0.3	0.37	<5	200	<5	3.50	1	16	58	40	3.84	30	1.11	1761	2	0.02	15	980	212	20	<20	140	0.03	<10	23	<10	25	174
23	9493	<5	<0.2	0.34	<5	760	<5	3.78	2	15	52	22	3.11	40	1.10	1759	<1	0.02	15	930	194	10	<20	180	0.03	<10	25	<10	25	215
24	9494	5	<0.2	0.38	20	550	<5	3.14	<1	11	68	5	2.09	30	0.80	797	2	0.02	16	1010	36	<5	<20	193	0.02	<10	14	<10	22	55
25	9495	<5	0.2	0.41	10	180	<5	2.91	<1	12	76	11	2.52	40	0.79	760	1	<0.01	15	950	28	10	<20	147	0.02	<10	24	<10	22	41
26	9496	5	0.2	0.34	70	340	<5	3.28	<1	17	78	17	2.06	30	0.92	814	3	0.01	16	740	14	<5	<20	164	0.02	<10	14	<10	21	31
27	9497	<5	<0.2	0.36	<5	55	<5	2.69	<1	8	98	5	2.11	30	0.65	632	2	0.02	12	820	6	<5	<20	127	0.02	<10	19	<10	21	26
28	9498	5	<0.2	0.33	<5	55	<5	2.92	<1	9	81	6	2.17	30	0.73	666	5	0.02	14	820	6	<5	<20	153	0.02	<10	22	<10	22	27
29	9499	>1000	>30	0.53	>10000	45	<5	0.44	653	58	2438	1699	7.06	30	0.24	916	33	<0.01	2174	120	>10000	980	<20	13	0.05	<10	23	<10	<1	>10000
30	9500	<5	<0.2	1.24	5	80	<5	0.84	<1	11	123	18	2.04	10	0.70	315	<1	0.09	30	500	24	5	<20	25	0.09	<10	49	<10	18	44
31	9501	<5	0.4	0.36	35	220	<5	1.03	<1	10	54	24	1.25	20	0.28	293	16	<0.01	10	710	32	15	<20	85	<0.01	30	6	<10	15	43
32	9502	5	0.5	0.34	20	400	<5	3.03	1	10	79	24	2.05	30	0.77	958	23	<0.01	15	710	112	10	<20	134	0.02	<10	8	<10	19	68
33	9503	<5	<0.2	0.33	25	525	<5	2.36	<1	10	65	13	2.03	30	0.60	682	6	<0.01	12	820	16	<5	<20	112	0.01	<10	9	<10	18	52
34	9504	<5	<0.2	0.36	25	385	<5	2.52	<1	10	83	8	2.03	30	0.65	784	11	0.01	14	850	22	<5	<20	105	0.02	<10	12	<10	20	43
35	9505	<5	<0.2	0.34	<5	625	<5	2.48	<1	8	79	11	1.80	30	0.62	819	8	0.01	12	800	36	<5	<20	101	0.02	<10	11	<10	20	46
36	9506	5	<0.2	0.36	<5	285	<5	2.22	<1	8	63	6	1.78	30	0.58	569	4	0.02	12	760	10	<5	<20	129	0.01	<10	15	<10	19	32
37	9507	5	<0.2	0.34	<5	1070	<5	2.57	<1	11	68	5	2.80	30	0.52	671	6	0.02	12	830	20	<5	<20	124	0.02	<10	12	<10	18	56

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
38	9508	<5	<0.2	0.50	<5	235	<5	1.86	<1	10	27	7	2.38	20	0.54	518	<1	<0.01	11	1550	18	<5	<20	126	0.01	<10	15	<10	22	57
39	9509	<5	<0.2	0.35	<5	920	<5	4.00	<1	12	68	5	2.84	30	0.98	1068	5	0.02	17	700	16	<5	<20	193	0.02	<10	15	<10	21	52
40	9510	<5	<0.2	0.37	<5	270	<5	2.33	<1	8	70	6	1.89	40	0.61	595	3	0.02	11	780	12	<5	<20	133	0.01	<10	16	<10	20	33
41	9511	5	<0.2	0.33	<5	1020	<5	2.94	<1	10	75	7	1.98	40	0.70	655	6	0.02	14	750	10	<5	<20	167	0.01	<10	18	<10	21	39
42	9512	5	<0.2	0.28	<5	160	<5	2.08	<1	7	73	7	1.68	40	0.50	491	6	0.02	12	650	16	<5	<20	157	0.01	<10	21	<10	19	27
QC DATA:																														
Resplit:																														
1	9471	<5	<0.2	2.00	<5	395	<5	3.29	<1	24	63	13	4.56	40	1.98	1489	<1	0.05	20	1040	28	<5	<20	82	0.04	<10	114	<10	30	133
36	9506	<5	<0.2	0.29	<5	175	<5	3.05	<1	8	71	6	1.89	40	0.43	747	5	0.02	14	700	10	<5	<20	147	0.02	<10	17	<10	22	27
Repeat:																														
1	9471	5	<0.2	2.02	<5	380	<5	3.53	<1	24	67	13	4.63	40	1.99	1538	1	0.04	20	1040	54	<5	<20	87	0.04	<10	117	<10	32	143
10	9480	45	<0.2	1.93	<5	300	<5	3.56	1	23	62	9	4.37	30	1.84	2179	<1	0.05	18	940	136	<5	<20	101	0.07	<10	117	<10	27	193
19	9489	540	0.3	0.39	175	120	<5	5.89	2	19	59	14	3.62	30	1.96	2416	3	0.01	28	1120	46	<5	<20	99	0.04	<10	22	<10	26	105
36	9506	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Standard:																														
GEO '03		145	1.6	1.72	55	155	<5	1.73	<1	22	67	82	3.83	<10	0.98	673	<1	0.02	35	750	20	<5	<20	48	0.10	<10	78	<10	10	78
GEO '03		135	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/lh
df/514
XLS/03

14-Nov-03

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2003-530

CME MANAGING CONSULTANTS LTD.
#2130 - 21331 Gordon Way
Richmond, BC
V6W 1J9

No. of samples received: 98
Sample type: Core
Project Name: Skukum
Project Number: P56D
Submitted By: TV

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Tl %	U	V	W	Y	Zn
1	9513	<5	<0.2	0.25	<5	50	<5	0.91	<1	2	72	3	0.72	10	0.24	306	3	0.04	6	50	10	<5	<20	107	<0.01	<10	3	<10	20	21
2	9514	5	<0.2	0.23	<5	90	<5	2.92	<1	7	57	10	1.83	20	0.90	728	4	0.03	13	610	26	<5	<20	203	0.02	<10	8	<10	13	30
3	9515	10	<0.2	0.52	<5	130	<5	2.72	<1	9	73	7	2.26	30	0.98	816	2	0.05	16	690	10	<5	<20	150	0.02	<10	26	<10	21	34
4	9516	<5	<0.2	0.64	<5	500	<5	2.23	<1	9	81	9	2.01	20	0.93	872	2	0.04	18	640	28	<5	<20	153	0.02	<10	19	<10	16	64
5	9517	<5	0.2	3.17	<5	800	<5	5.26	1	35	172	35	5.26	20	4.23	2517	<1	0.03	116	1080	44	<5	<20	267	0.05	<10	77	<10	18	189
6	9518	5	<0.2	0.43	<5	645	<5	2.60	<1	9	86	6	1.92	20	0.89	999	3	0.04	16	590	16	<5	<20	174	0.02	<10	12	<10	14	60
7	9519	10	<0.2	0.37	20	470	<5	3.27	<1	8	58	6	2.03	20	1.01	987	<1	0.03	14	650	14	<5	<20	181	0.02	<10	18	<10	15	56
8	9520	<5	<0.2	0.29	<5	455	<5	2.51	<1	7	66	4	1.78	20	0.79	797	2	0.03	12	630	12	<5	<20	201	0.02	<10	18	<10	19	36
9	9521	70	1.0	0.30	1690	35	<5	1.64	<1	15	98	18	2.13	10	0.53	471	15	0.01	14	500	62	10	<20	159	0.02	<10	6	<10	12	49
10	9522	<5	<0.2	0.35	<5	390	<5	1.89	<1	8	67	6	1.80	30	0.60	529	2	0.04	12	630	4	<5	<20	167	0.01	<10	20	<10	20	29
11	9523	<5	<0.2	1.34	<5	160	<5	3.97	<1	15	28	5	4.60	30	1.10	1110	<1	0.05	16	1570	28	<5	<20	404	0.04	<10	28	<10	21	89
12	9524	15	<0.2	0.30	100	530	<5	2.37	<1	7	71	5	1.83	20	0.68	548	3	0.03	12	630	8	<5	<20	167	0.01	<10	10	<10	17	33
13	9525	25	<0.2	0.25	50	135	<5	3.17	<1	8	73	6	2.00	20	0.94	1067	3	0.01	15	640	12	<5	<20	102	0.02	<10	8	<10	11	66
14	9526	15	<0.2	0.24	<5	390	<5	2.17	<1	7	58	6	1.84	30	0.61	510	3	0.04	11	660	6	<5	<20	143	0.01	<10	17	<10	20	26
15	9527	10	<0.2	0.27	95	305	<5	2.48	<1	9	73	13	2.06	20	0.75	659	2	0.05	13	670	12	<5	<20	159	0.02	<10	14	<10	18	34
16	9528	15	0.2	0.29	20	105	<5	3.02	<1	9	75	16	2.29	20	0.92	789	3	0.04	15	710	20	10	<20	134	0.02	<10	10	<10	14	52
17	9619	5	0.3	0.23	30	105	<5	1.74	<1	5	117	14	1.37	10	0.39	777	5	0.03	9	410	28	15	<20	76	0.01	<10	3	<10	11	109
18	9620	20	0.5	0.24	455	25	<5	1.91	<1	7	93	6	1.60	<10	0.51	866	16	0.02	11	420	50	30	<20	67	0.02	<10	3	<10	9	48
19	9621	50	0.2	0.22	130	35	<5	1.43	2	2	111	4	0.71	<10	0.23	844	4	0.02	7	150	36	25	<20	88	0.01	<10	1	<10	9	111
20	9622	290	0.4	0.17	1000	65	<5	0.17	<1	<1	114	8	0.74	<10	0.05	328	6	0.01	4	30	32	20	<20	29	<0.01	<10	<1	<10	7	192
21	9623	>1000	1.6	0.35	1300	75	<5	2.35	<1	9	150	21	2.12	10	0.67	1507	6	0.05	18	500	48	45	<20	139	0.02	<10	4	<10	13	264
22	9624	520	0.8	0.29	1165	50	<5	4.77	<1	20	86	36	3.12	<10	1.71	2522	4	0.03	65	750	22	45	<20	151	0.04	<10	11	<10	12	188
23	9625	>1000	0.8	0.29	920	55	<5	2.22	<1	9	85	9	1.42	10	0.45	1083	5	0.04	17	450	32	35	<20	96	0.02	<10	4	<10	10	79
24	9626	5	<0.2	0.20	<5	380	<5	1.99	<1	5	118	3	1.19	10	0.46	562	3	0.03	10	340	8	<5	<20	57	0.01	<10	3	<10	8	21
25	9627	20	<0.2	0.26	<5	495	<5	1.96	<1	5	108	2	1.11	20	0.43	477	2	0.03	9	330	2	<5	<20	76	<0.01	<10	3	<10	9	19
26	9628	10	<0.2	2.20	20	325	5	3.58	<1	28	172	17	5.46	20	2.64	1004	<1	0.26	30	2960	4	15	<20	468	0.10	<10	130	<10	28	89
27	9629	25	<0.2	0.27	10	365	<5	1.80	<1	5	105	3	1.16	10	0.47	426	2	0.03	8	340	4	5	<20	64	<0.01	<10	3	<10	9	18
28	9630	15	<0.2	0.39	25	390	<5	2.44	<1	8	109	9	1.69	10	0.73	536	5	0.04	17	480	14	10	<20	115	0.01	<10	7	<10	12	34
29	9631	15	<0.2	0.26	5	450	<5	2.58	<1	8	112	5	1.74	10	0.87	579	3	0.04	17	460	8	<5	<20	86	0.01	<10	6	<10	11	30
30	9632	5	<0.2	0.36	<5	675	<5	3.91	<1	18	105	16	2.73	10	1.74	893	3	0.04	46	630	10	10	<20	257	0.02	<10	12	<10	11	84
31	9633	295	<0.2	0.29	60	265	<5	2.11	<1	8	123	3	1.61	10	0.60	505	3	0.03	12	440	10	<5	<20	81	0.01	<10	6	<10	10	26
32	9634	5	<0.2	0.24	<5	285	<5	2.22	<1	7	110	1	1.48	10	0.62	554	3	0.03	11	460	4	<5	<20	70	0.01	<10	6	<10	9	22
33	9635	20	<0.2	0.28	25	185	<5	2.42	<1	8	95	7	1.72	10	0.76	703	2	0.03	13	530	4	<5	<20	79	0.02	<10	7	<10	9	36
34	9636	30	0.4	0.42	75	190	<5	5.81	12	30	76	134	4.35	<10	3.10	1839	2	0.03	92	920	12	65	<20	225	0.04	<10	21	<10	10	736
35	9637	50	<0.2	0.27	65	125	<5	2.45	<1	8	102	6	1.84	<10	0.75	781	2	0.03	14	530	4	5	<20	66	0.02	<10	6	<10	9	28
36	9638	25	<0.2	0.29	15	215	<5	2.45	<1	8	95	11	1.77	10	0.74	730	2	0.03	12	510	2	10	<20	82	0.02	<10	7	<10	9	25

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
37	9639	30	<0.2	0.35	35	165	<5	3.61	<1	16	94	22	2.55	10	1.59	1411	1	0.03	38	580	4	15	<20	139	0.03	<10	14	<10	9	79
38	9640	10	<0.2	0.30	50	205	<5	2.48	<1	9	91	13	1.78	10	0.80	590	2	0.03	12	510	4	5	<20	89	0.01	<10	6	<10	9	27
39	9641	80	<0.2	0.45	145	80	<5	2.30	<1	9	124	25	1.74	<10	0.69	616	9	0.03	13	440	12	20	<20	114	0.01	<10	5	<10	8	25
40	9642	60	<0.2	0.53	170	80	<5	2.36	<1	8	106	4	1.86	<10	0.68	633	4	0.03	14	520	14	10	<20	108	0.02	<10	7	<10	10	26
41	9643	>1000	1.5	0.30	1485	60	<5	1.97	1	8	116	13	1.83	<10	0.46	1036	4	0.02	13	470	250	100	<20	98	0.02	<10	4	<10	9	362
42	9644	>1000	2.5	0.35	2600	70	<5	3.71	<1	14	63	35	2.23	<10	0.97	2079	8	0.03	37	500	100	2455	<20	153	0.03	<10	9	<10	10	187
43	9645	590	>30	0.29	1565	60	<5	2.99	7	11	94	115	2.16	<10	0.76	2357	9	0.02	19	540	656	625	<20	104	0.03	<10	6	<10	9	873
44	9646	385	5.3	0.26	1285	85	<5	2.79	<1	8	113	30	1.90	<10	0.74	2146	10	0.02	13	540	200	150	<20	91	0.03	<10	5	<10	8	125
45	9647	635	1.2	0.29	1140	100	<5	2.57	<1	9	106	7	1.92	<10	0.71	1371	3	0.02	13	530	10	15	<20	103	0.02	<10	5	<10	8	107
46	9648	140	<0.2	0.26	270	95	<5	2.53	<1	7	111	2	1.81	<10	0.73	688	2	0.02	13	550	<2	5	<20	93	0.02	<10	6	<10	8	55
47	9649	>1000	>30	0.53	>10000	20	<5	0.42	412	57	2929	1833	7.15	<10	0.25	869	34	<0.01	1883	100	>10000	890	<20	15	0.07	10	22	<10	<1	>10000
48	9650	<5	<0.2	1.28	5	70	5	0.83	<1	11	171	19	1.97	<10	0.71	304	<1	0.10	25	380	6	<5	<20	30	0.08	<10	48	<10	17	45
49	9751	270	<0.2	0.37	235	85	<5	2.58	<1	8	86	4	1.90	20	0.76	714	3	0.01	12	650	4	<5	<20	117	0.02	<10	7	<10	9	75
50	9752	>1000	0.4	0.43	1360	75	<5	2.37	<1	8	67	3	1.83	30	0.66	618	1	0.01	12	640	6	<5	<20	130	0.01	<10	6	<10	9	73
51	9753	55	<0.2	0.27	560	125	<5	2.56	<1	8	83	2	1.85	20	0.75	683	3	0.01	14	660	4	5	<20	101	0.02	<10	6	<10	8	227
52	9754	140	<0.2	0.28	780	130	<5	2.98	<1	9	74	3	2.08	20	0.91	741	2	0.02	19	640	4	<5	<20	127	0.02	<10	7	<10	9	61
53	9755	170	0.3	0.35	170	110	<5	2.42	<1	9	72	6	1.88	20	0.75	710	5	0.02	14	660	12	10	<20	117	0.02	<10	7	<10	8	85
54	9756	225	2.8	0.31	55	235	<5	2.74	2	8	71	6	1.92	20	0.79	702	5	0.02	13	630	18	15	<20	115	0.02	<10	6	<10	7	88
55	9757	590	0.2	0.27	95	230	<5	2.34	<1	8	87	4	1.67	20	0.63	512	3	0.02	11	630	2	5	<20	95	0.01	<10	5	<10	7	49
56	9758	385	<0.2	0.25	250	90	<5	2.27	4	7	84	5	1.84	20	0.62	680	8	0.01	11	590	6	5	<20	87	0.01	<10	5	<10	7	323
57	9759	75	<0.2	0.29	95	185	<5	2.45	<1	8	63	3	1.65	30	0.67	591	8	0.02	12	640	6	5	<20	112	0.01	<10	5	<10	9	56
58	9760	<5	<0.2	0.24	140	280	<5	2.69	<1	7	72	2	1.73	20	0.76	574	2	0.02	13	600	4	<5	<20	88	0.01	<10	4	<10	9	50
59	9761	5	<0.2	0.23	65	315	<5	2.72	<1	7	78	2	1.72	20	0.80	597	3	0.02	12	610	4	<5	<20	91	0.01	<10	5	<10	8	44
60	9762	10	<0.2	0.27	155	205	<5	2.99	<1	8	79	2	1.95	30	0.93	614	2	0.02	15	660	4	<5	<20	113	0.02	<10	6	<10	8	47
61	9763	10	<0.2	0.47	85	275	<5	5.81	<1	22	54	3	3.57	10	2.47	923	<1	0.02	56	830	8	<5	<20	240	0.03	<10	17	<10	6	105
62	9764	30	<0.2	0.48	400	220	<5	5.22	<1	18	60	2	3.01	20	2.08	842	<1	0.02	45	740	8	<5	<20	243	0.02	<10	15	<10	7	87
63	9765	5	<0.2	0.43	170	230	<5	5.47	<1	21	62	2	3.54	10	2.24	964	<1	0.02	50	810	6	<5	<20	218	0.03	<10	15	<10	6	101
64	9766	<5	<0.2	0.26	135	370	<5	3.03	<1	8	88	7	1.88	30	0.99	590	2	0.02	15	590	4	<5	<20	112	0.02	<10	7	<10	7	49
65	9767	5	<0.2	0.31	110	145	<5	4.11	<1	12	74	5	2.46	20	1.42	842	3	0.02	27	610	4	<5	<20	147	0.02	<10	11	<10	8	69
66	9768	5	<0.2	0.31	640	155	<5	5.61	<1	22	53	6	3.87	10	2.24	1401	<1	0.01	57	760	8	<5	<20	170	0.03	<10	16	<10	5	127
67	9769	45	<0.2	0.26	435	75	<5	2.86	<1	10	62	7	1.90	20	0.89	664	5	0.02	17	630	4	<5	<20	110	0.02	<10	7	<10	8	55
68	9770	55	0.2	0.41	6095	55	<5	5.26	<1	21	45	6	3.76	10	1.84	1190	<1	0.01	43	1250	10	<5	<20	182	0.03	<10	18	<10	8	95
69	9771	20	<0.2	0.21	625	95	<5	2.40	<1	8	68	4	1.67	20	0.71	599	8	0.01	13	530	4	<5	<20	78	0.01	<10	5	<10	9	40
70	9772	115	1.3	0.26	585	170	<5	2.57	<1	8	61	4	1.77	20	0.78	918	2	0.02	14	570	10	<5	<20	103	0.02	<10	6	<10	7	58
71	9773	25	0.2	0.21	130	190	<5	2.64	<1	8	70	6	1.83	20	0.82	669	2	0.03	13	630	4	<5	<20	79	0.02	<10	6	<10	9	38
72	9774	985	1.5	0.26	680	65	<5	2.07	3	8	84	14	1.87	20	0.65	852	3	0.02	14	580	42	5	<20	60	0.02	<10	4	<10	7	288
73	9775	250	0.2	0.27	175	185	<5	2.61	<1	11	77	22	1.95	20	1.02	823	4	0.02	26	710	20	10	<20	111	0.02	<10	8	<10	8	68
74	9776	20	<0.2	0.23	10	525	<5	2.46	<1	9	58	5	1.85	30	0.85	600	1	0.03	13	670	8	<5	<20	123	0.01	<10	14	<10	12	33
75	9777	35	<0.2	0.22	10	455	<5	2.59	<1	8	62	4	1.81	20	0.86	815	2	0.03	13	670	4	<5	<20	81	0.02	<10	9	<10	10	30
76	9778	210	2.3	0.35	105	130	<5	5.35	2	19	46	28	3.41	10	2.09	2543	1	0.02	50	1010	70	10	<20	307	0.04	<10	16	<10	12	222
77	9779	190	0.5	0.25	170	120	<5	2.89	<1	9	70	6	2.04	20	0.91	1053	3	0.02	14	700	6	<5	<20	91	0.02	<10	7	<10	9	34
78	9780	100	1.4	0.28	90	185	<5	2.06	<1	8	57	23	1.90	20	0.70	757	3	0.03	13	680	4	10	<20	143	0.02	<10	13	<10	13	33
79	9781	15	<0.2	0.25	10	570	<5	2.52	<1	9	63	6	1.85	30	0.84	611	2	0.03	13	700	4	<5	<20	121	0.01	<10	16	<10	14	28
80	9782	90	<0.2	0.25	55	390	<5	2.45	<1	9	73	11	1.99	20	0.84	663	3	0.03	13	700	6	5	<20	128	0.02	<10	15	<10	14	28
81	9783	15	<0.2	0.24	5	415	<5	2.91	<1	9	63	9	1.96	30	0.96	636	3	0.03	15	680	4	<5	<20	124	0.02	<10	13	<10	12	30

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
82	9784	20	<0.2	0.25	25	325	<5	2.25	<1	9	62	10	1.90	30	0.81	586	3	0.03	13	710	8	<5	<20	151	0.02	<10	17	<10	14	32
83	9785	10	<0.2	0.27	<5	655	<5	2.53	<1	8	77	12	1.83	20	0.86	644	2	0.04	15	660	4	<5	<20	130	0.03	<10	13	<10	8	35
84	9786	10	<0.2	0.26	<5	490	<5	2.08	<1	8	67	6	1.84	30	0.75	541	3	0.04	14	680	6	<5	<20	136	0.03	<10	18	<10	10	33
85	9787	15	<0.2	0.22	20	390	<5	2.19	<1	7	66	6	1.83	30	0.75	570	9	0.04	12	650	10	<5	<20	137	0.03	<10	15	<10	9	43
86	9788	10	<0.2	0.20	50	520	<5	2.48	<1	8	63	16	1.89	30	0.82	656	2	0.03	14	650	6	<5	<20	122	0.03	<10	11	<10	8	42
87	9789	115	1.3	0.21	75	185	<5	2.37	8	10	60	47	2.01	20	0.84	905	2	0.03	16	720	24	10	<20	101	0.04	<10	11	<10	7	320
88	9790	175	2.7	0.33	185	45	<5	5.13	2	27	60	47	4.53	10	2.62	4993	3	0.03	70	1190	96	<5	<20	209	0.12	<10	22	<10	8	301
89	9791	30	0.5	0.20	10	405	<5	1.86	<1	5	68	6	1.38	30	0.57	752	2	0.03	10	460	4	<5	<20	94	0.03	<10	7	<10	6	24
90	9792	30	0.2	0.23	10	460	<5	2.36	<1	7	64	3	1.69	20	0.72	686	2	0.03	11	610	4	<5	<20	121	0.03	<10	12	<10	8	23
91	9793	35	0.2	0.14	20	165	<5	0.43	<1	2	84	3	0.53	20	0.13	231	4	0.02	3	50	4	<5	<20	24	<0.01	<10	1	<10	3	6
92	9794	10	<0.2	0.23	<5	435	<5	2.05	<1	7	72	5	1.67	30	0.64	566	4	0.03	12	630	4	<5	<20	104	0.03	<10	13	<10	8	27
93	9795	5	<0.2	0.24	<5	545	<5	2.21	<1	7	68	5	1.57	30	0.69	564	3	0.04	12	600	4	<5	<20	140	0.03	<10	16	<10	9	23
94	9796	5	<0.2	0.22	<5	495	<5	2.52	<1	7	72	2	1.63	20	0.79	541	3	0.04	12	580	6	<5	<20	143	0.03	<10	13	<10	8	23
95	9797	10	0.3	0.23	<5	550	<5	2.84	<1	7	74	4	1.73	20	0.84	788	2	0.03	13	640	4	<5	<20	107	0.03	<10	8	<10	7	26
96	9798	5	0.2	0.23	5	425	<5	2.26	<1	7	70	19	1.58	30	0.71	639	3	0.04	13	610	6	<5	<20	133	0.03	<10	14	<10	8	24
97	9799	30	<0.2	0.23	10	290	<5	2.46	<1	7	70	4	1.73	20	0.79	644	3	0.04	11	610	4	<5	<20	133	0.03	<10	14	<10	8	22
98	9800	<5	0.3	0.25	30	385	<5	4.18	<1	10	74	7	2.22	20	1.32	1142	2	0.03	28	650	6	<5	<20	177	0.04	<10	14	<10	7	29
QC DATA:																														
Resplit:																														
1	9513	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36	9638	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Repeat:																														
1	9513	5	<0.2	0.22	5	50	<5	0.91	<1	2	75	2	0.67	10	0.23	307	3	0.04	5	40	12	<5	<20	110	<0.01	<10	1	<10	21	20
10	9522	25	<0.2	0.35	<5	395	<5	1.90	<1	8	68	6	1.82	30	0.61	526	2	0.04	11	640	6	<5	<20	168	0.01	<10	20	<10	21	31
17	9619	10	0.2	0.23	30	100	<5	1.73	<1	5	117	13	1.36	10	0.38	769	4	0.03	9	410	26	20	<20	74	0.01	<10	3	<10	10	111
19	9621	-	<0.2	0.27	565	130	<5	2.60	<1	8	83	2	1.88	30	0.77	694	3	0.01	14	680	4	<5	<20	103	0.02	<10	6	<10	8	241
26	9628	5	<0.2	2.24	20	330	<5	3.59	<1	28	172	17	5.46	20	2.63	1003	<1	0.26	28	2870	4	20	<20	469	0.10	<10	130	<10	29	92
35	9637	50	<0.2	0.27	70	135	<5	2.42	<1	8	102	6	1.81	<10	0.74	770	2	0.03	14	510	4	10	<20	64	0.02	<10	6	<10	9	28
51	9753	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
55	9757	650	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
68	9770	70	0.2	0.39	6600	50	<5	5.56	<1	22	47	4	3.91	10	1.92	1255	<1	0.02	46	1320	10	<5	<20	189	0.03	<10	17	<10	9	100
77	9779	195	0.5	0.27	170	120	<5	3.19	<1	10	77	7	2.24	20	1.00	1161	3	0.02	17	770	4	<5	<20	100	0.02	<10	8	<10	10	38
86	9788	5	<0.2	0.20	50	535	<5	2.47	<1	8	64	15	1.88	20	0.82	648	3	0.03	12	640	6	<5	<20	121	0.03	<10	11	<10	8	38
Standard:																														
GEO '03		135	1.5	1.72	55	140	<5	1.65	<1	22	78	85	3.66	<10	0.99	635	<1	0.03	30	570	20	5	<20	43	0.08	<10	77	<10	17	76
GEO '03		140	1.2	1.61	50	135	<5	1.55	<1	19	59	83	3.43	10	0.91	587	<1	0.02	28	640	20	<5	<20	42	0.13	<10	70	<10	10	70

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

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Eco Tech Laboratory Ltd.

ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING

10041 Dallas Drive, Kamloops, BC V2C 6T4
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E-mail: info@ecotechlab.com
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CERTIFICATE OF ASSAY AK 2003-530

CME MANAGING CONSULTANTS LTD.
#2130 - 21331 Gordon Way
Richmond, BC
V6W 1J9

14-Nov-03

No. of samples received: 98
Sample type: Core
Project Name: Skukum
Project Number: P56D
Submitted By: TV

ET #.	Tag #	Au (g/t)	Au (oz/t)
21	9623	2.43	0.071
23	9625	1.40	0.041
41	9643	2.01	0.059
42	9644	2.06	0.060
47	9649	9.91	0.289
50	9752	2.47	0.072
72	9774	0.92	0.03
QC DATA:			
Standard:			
PM163		1.64	0.048
PM163		1.65	0.048

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/kk
XLS/03
Fax: Richmond Office & email

8-Nov-03

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
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ICP CERTIFICATE OF ANALYSIS AK 2003-543

CME MANAGING CONSULTANTS LTD.
#2130 - 21331 Gordon Way
Richmond, BC
V6W 1J9

Attention: Chris Naas

No. of samples received: 18
Sample type: Core
Project Name: Skukum
Project Number: P56D
Submitted By: TV

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Tl %	U	V	W	Y	Zn
1	9575	<5	<0.2	0.24	<5	70	<5	0.84	<1	2	82	5	1.42	30	0.30	635	5	0.08	2	70	28	<5	<20	117	0.03	<10	1	<10	10	59
2	9576	15	0.2	0.23	20	30	<5	1.89	1	6	76	8	1.34	30	0.22	847	6	0.04	8	380	42	5	<20	94	0.03	<10	4	<10	8	58
3	9577	10	<0.2	0.22	<5	180	<5	1.62	<1	5	75	4	1.44	30	0.31	512	4	0.06	6	420	8	<5	<20	96	0.02	<10	10	<10	10	26
4	9578	5	<0.2	0.20	<5	295	<5	1.42	<1	6	69	4	1.50	30	0.38	475	2	0.05	7	440	8	<5	<20	82	0.02	<10	10	<10	9	27
5	9579	<5	<0.2	0.23	<5	110	<5	1.51	<1	5	85	4	1.40	30	0.40	480	5	0.05	6	430	8	<5	<20	77	0.02	<10	8	<10	8	25
6	9580	30	<0.2	0.20	10	115	<5	1.78	<1	5	72	3	1.37	30	0.47	784	3	0.04	7	420	16	<5	<20	76	0.03	<10	7	<10	8	30
7	9581	5	<0.2	0.21	<5	585	<5	1.63	<1	6	77	3	1.50	30	0.48	607	10	0.05	7	470	6	<5	<20	76	0.03	<10	9	<10	8	29
8	9582	35	<0.2	0.21	325	150	<5	1.91	<1	6	80	3	1.44	20	0.54	1414	19	0.04	8	420	18	10	<20	58	0.03	<10	6	<10	8	46
9	9583	35	<0.2	0.23	30	130	<5	1.80	<1	6	94	4	1.36	20	0.56	720	7	0.05	9	390	8	5	<20	67	0.02	<10	7	<10	8	31
10	9584	20	<0.2	2.38	<5	370	<5	4.43	<1	28	154	55	4.45	20	3.81	1396	<1	0.06	133	1090	10	<5	<20	268	0.09	<10	83	<10	10	102
11	9585	10	<0.2	2.50	<5	285	<5	3.98	<1	28	155	19	4.55	20	3.83	1275	<1	0.07	127	1130	10	<5	<20	229	0.09	<10	95	<10	12	93
12	9586	5	0.3	2.14	<5	215	<5	4.10	<1	46	128	42	4.83	20	3.64	1418	<1	0.05	124	1120	8	<5	<20	200	0.08	<10	81	<10	11	102
13	9587	<5	0.3	0.24	<5	540	<5	2.59	<1	7	62	37	1.17	30	1.05	514	5	0.05	15	330	4	15	<20	106	0.02	<10	10	<10	8	21
14	9588	5	0.2	2.26	<5	315	<5	4.64	1	29	125	45	4.69	30	3.86	1523	<1	0.06	119	1280	10	5	<20	187	0.08	<10	78	<10	13	182
15	9589	<5	0.4	2.33	<5	580	5	5.07	5	31	145	69	4.51	20	3.91	1689	<1	0.06	133	1150	16	10	<20	258	0.09	<10	79	<10	12	400
16	9590	10	0.2	1.98	20	295	<5	4.21	4	28	122	65	4.04	20	3.23	1571	2	0.06	114	1130	10	25	<20	202	0.08	<10	65	<10	10	321
17	9599	>1000	>30	0.50	>10000	30	<5	0.42	310	50	2180	1715	6.49	20	0.24	843	34	<0.01	1931	130	>10000	910	<20	16	0.12	<10	22	<10	3	>10000
18	9600	<5	0.3	1.16	<5	65	5	0.75	<1	10	106	19	1.67	<10	0.68	284	2	0.09	23	470	36	<5	<20	30	0.11	<10	45	<10	9	43
QC DATA:																														
Resplit:																														
1	9575	<5	0.4	0.25	<5	65	<5	0.78	<1	2	84	5	1.38	30	0.28	621	5	0.08	3	60	26	<5	<20	109	0.02	<10	<1	<10	10	65
Repeat:																														
1	9575	<5	0.2	0.23	<5	65	<5	0.84	<1	2	85	6	1.42	30	0.30	635	6	0.08	3	50	24	<5	<20	113	0.02	<10	<1	<10	9	59
Standard:																														
GEO '03		135	1.5	1.63	55	145	<5	1.63	<1	20	57	86	3.51	10	0.96	619	<1	0.02	28	720	26	<5	<20	45	0.13	<10	72	<10	11	78

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

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19-Nov-03

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ICP CERTIFICATE OF ANALYSIS AK 2003-544

CME MANAGING CONSULTANTS LTD.
#2130 - 21331 Gordon Way
Richmond, BC
V6W 1J9

No. of samples received: 72
Sample type: Core
Project Name: Skukum
Project Number: P56D
Submitted By: TV

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	9529	<5	<0.2	0.27	15	690	<5	2.30	<1	10	62	11	2.15	10	0.70	675	2	0.08	10	780	8	<5	<20	143	0.04	<10	14	<10	12	43
2	9530	60	0.3	0.26	155	305	<5	2.07	<1	7	74	9	1.87	20	0.65	605	7	0.07	8	610	12	<5	<20	154	0.03	<10	12	<10	10	103
3	9531	5	0.5	0.30	250	100	<5	2.55	<1	10	91	14	2.15	10	0.79	1017	8	0.05	13	730	20	5	<20	115	0.04	<10	11	<10	11	51
4	9532	25	1.6	0.35	485	75	<5	4.99	11	20	58	85	3.87	<10	2.10	2131	1	0.06	56	1020	400	45	<20	316	0.07	<10	32	<10	9	700
5	9533	15	<0.2	0.18	40	35	<5	2.05	<1	5	84	6	0.98	10	0.85	581	7	0.06	12	150	24	5	<20	216	0.02	<10	6	<10	8	41
6	9534	5	0.4	0.51	50	185	<5	5.02	<1	24	61	58	4.02	10	2.62	1443	1	0.07	77	1050	32	25	<20	345	0.07	<10	38	<10	9	168
7	9535	<5	0.2	0.21	25	110	<5	3.06	<1	8	66	13	1.63	10	1.11	709	<1	0.05	24	320	20	10	<20	210	0.03	<10	6	<10	7	52
8	9536	<5	<0.2	0.20	35	40	<5	0.94	<1	3	83	4	0.84	20	0.22	304	6	0.05	5	230	10	<5	<20	93	0.01	<10	2	<10	7	29
9	9537	5	<0.2	0.21	70	40	<5	1.20	<1	3	93	4	0.83	10	0.35	375	14	0.04	6	200	12	<5	<20	120	0.01	<10	2	<10	6	30
10	9538	5	0.2	0.21	30	115	<5	1.62	<1	6	82	12	1.13	20	0.44	559	5	0.03	11	300	16	5	<20	205	0.02	<10	4	<10	6	47
11	9539	<5	0.6	0.41	20	65	<5	4.89	4	25	75	43	3.97	10	1.64	1641	2	0.07	63	1010	38	15	<20	683	0.07	<10	36	<10	12	323
12	9540	5	0.8	0.29	10	45	<5	3.99	6	13	54	36	2.53	10	1.33	1147	3	0.08	38	490	66	15	<20	568	0.05	<10	15	<10	12	393
13	9541	5	0.2	0.18	<5	85	<5	1.23	<1	1	52	2	0.93	10	0.28	479	3	0.07	2	20	24	<5	<20	148	0.02	<10	<1	<10	10	67
14	9542	<5	0.2	0.14	40	20	<5	0.66	<1	3	63	3	0.96	20	0.18	348	4	0.04	2	230	18	<5	<20	87	0.02	<10	3	<10	7	21
15	9543	<5	<0.2	0.16	<5	30	<5	0.61	<1	3	87	3	0.96	20	0.19	343	6	0.03	3	230	4	<5	<20	88	0.02	<10	2	<10	6	19
16	9544	10	0.2	0.16	5	35	<5	0.79	<1	5	81	5	1.16	20	0.23	443	9	0.03	3	230	8	<5	<20	86	0.02	<10	2	<10	6	23
17	9545	10	0.2	0.17	<5	20	<5	1.05	<1	2	89	4	0.88	20	0.14	493	8	0.04	4	190	20	<5	<20	89	0.02	<10	2	<10	7	20
18	9546	<5	<0.2	0.16	<5	65	<5	0.55	<1	<1	60	1	0.60	10	0.12	286	11	0.07	1	20	18	<5	<20	90	<0.01	<10	<1	<10	8	22
19	9547	5	0.2	0.19	<5	125	<5	0.75	<1	2	51	1	0.63	10	0.16	315	8	0.07	<1	20	24	<5	<20	127	0.01	<10	<1	<10	9	29
20	9548	20	0.6	0.19	15	45	<5	1.45	<1	5	88	4	1.18	10	0.34	604	15	0.04	6	320	40	<5	<20	169	0.02	<10	3	<10	6	88
21	9549	>1000	>30	0.55	>10000	20	<5	0.43	302	51	2260	1915	6.74	<10	0.25	878	37	<0.01	2013	140	>10000	980	<20	16	0.13	<10	24	<10	3	>10000
22	9550	<5	<0.2	1.25	65	55	<5	0.78	<1	11	120	23	1.96	<10	0.72	297	2	0.10	29	530	64	<5	<20	25	0.11	<10	47	<10	11	75
23	9551	60	1.3	0.19	70	90	<5	1.51	7	5	84	11	1.17	10	0.31	580	16	0.03	7	350	114	10	<20	141	0.02	<10	3	<10	6	339
24	9552	<5	0.3	0.21	35	65	<5	1.50	<1	4	92	3	1.13	20	0.28	576	8	0.02	5	340	14	<5	<20	122	0.02	<10	2	<10	5	28
25	9553	<5	0.3	0.24	25	80	<5	1.50	<1	4	99	3	1.14	20	0.36	456	4	0.03	7	320	8	<5	<20	146	0.02	<10	2	<10	6	27
26	9554	<5	0.2	0.27	30	175	<5	2.14	<1	6	102	4	1.26	20	0.71	520	7	0.04	8	310	10	<5	<20	272	0.02	<10	4	<10	6	30
27	9555	<5	0.3	0.29	20	75	<5	5.72	2	15	62	19	2.76	10	1.09	2221	3	0.05	47	700	32	10	<20	440	0.06	<10	18	<10	8	134
28	9556	<5	0.6	0.41	215	45	<5	5.05	1	17	54	21	3.91	10	1.01	3203	10	0.05	39	1110	78	15	<20	384	0.09	<10	22	<10	12	207
29	9557	<5	0.2	0.21	<5	55	<5	0.51	<1	1	74	3	0.86	10	0.15	553	7	0.09	2	20	28	<5	<20	73	0.02	<10	<1	<10	8	55
30	9558	<5	0.2	0.18	<5	35	<5	0.86	<1	<1	66	2	0.71	10	0.08	494	2	0.07	2	20	24	<5	<20	74	0.01	<10	<1	<10	8	46
31	9559	<5	0.2	0.23	<5	60	<5	1.12	<1	<1	75	2	0.74	10	0.10	570	5	0.08	2	20	26	<5	<20	89	0.02	<10	<1	<10	8	43
32	9560	<5	0.2	0.22	<5	65	<5	0.53	<1	1	57	4	0.74	20	0.16	300	4	0.04	1	40	30	<5	<20	119	0.01	<10	<1	<10	8	45
33	9561	<5	<0.2	0.20	<5	65	<5	0.18	<1	1	82	3	0.48	10	0.05	193	6	0.10	<1	30	16	<5	<20	34	<0.01	<10	<1	<10	7	24
34	9562	20	<0.2	0.29	<5	55	<5	0.57	<1	1	64	3	0.77	20	0.14	318	5	0.04	<1	40	28	5	<20	113	0.01	<10	<1	<10	8	31
35	9563	<5	<0.2	0.18	50	45	<5	1.13	<1	3	72	3	0.99	10	0.28	778	2	0.04	5	280	22	<5	<20	110	0.02	<10	3	<10	7	41

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Tl %	U	V	W	Y	Zn
36	9564	325	1.7	0.36	845	55	<5	5.64	5	21	59	48	3.40	<10	1.90	2405	8	0.05	60	930	110	20	<20	201	0.08	<10	21	<10	9	570
37	9565	5	0.9	0.17	100	55	<5	3.65	2	5	67	23	1.33	10	0.64	1659	6	0.04	14	280	44	15	<20	200	0.04	<10	4	<10	7	118
38	9566	5	0.2	0.24	<5	20	<5	0.53	<1	1	41	2	0.66	10	0.15	313	3	0.08	<1	30	40	<5	<20	154	0.01	<10	<1	<10	9	44
39	9567	5	<0.2	0.18	5	20	<5	0.78	<1	3	74	10	0.81	20	0.18	500	4	0.05	5	330	24	<5	<20	55	0.02	<10	2	<10	7	30
40	9568	65	<0.2	0.17	<5	25	<5	0.66	<1	<1	69	2	0.47	10	0.15	334	3	0.06	1	10	30	<5	<20	102	<0.01	<10	<1	<10	8	22
41	9569	20	<0.2	0.21	<5	20	<5	1.05	<1	<1	57	2	0.55	10	0.34	384	2	0.07	3	20	34	<5	<20	181	0.01	10	<1	<10	10	29
42	9570	15	0.2	0.19	<5	30	<5	1.34	<1	3	79	8	0.99	20	0.26	606	6	0.05	6	390	14	5	<20	134	0.02	<10	4	<10	9	30
43	9571	10	<0.2	0.28	<5	30	<5	0.75	<1	1	29	2	0.48	20	0.20	155	2	0.09	2	30	26	5	<20	243	<0.01	<10	<1	<10	12	28
44	9572	20	<0.2	0.16	5	25	<5	2.19	<1	5	69	4	1.32	20	0.31	770	4	0.06	9	390	14	<5	<20	169	0.02	<10	7	<10	10	41
45	9573	5	<0.2	0.17	15	35	<5	1.44	<1	5	65	5	1.43	20	0.31	569	3	0.05	6	390	18	<5	<20	107	0.02	<10	6	<10	8	44
46	9574	10	<0.2	0.18	40	80	<5	2.00	<1	5	68	4	1.40	20	0.31	829	4	0.05	7	380	26	<5	<20	92	0.03	<10	4	<10	8	39
47	9591	25	<0.2	0.16	15	110	<5	0.81	<1	4	76	6	0.62	10	0.29	486	4	0.04	4	60	14	10	<20	51	0.01	<10	<1	<10	3	32
48	9592	795	0.5	0.26	1500	75	<5	2.14	<1	6	92	7	1.70	10	0.67	1828	6	0.03	10	450	20	15	<20	90	0.04	<10	4	<10	5	137
49	9593	35	<0.2	0.23	160	80	<5	2.03	<1	6	78	7	1.51	10	0.58	1134	<1	0.05	8	490	16	15	<20	98	0.03	<10	6	<10	7	59
50	9594	25	<0.2	0.24	10	90	<5	2.14	1	6	84	9	1.59	20	0.60	783	4	0.06	9	450	26	10	<20	87	0.03	<10	7	<10	7	84
51	9595	15	0.2	0.23	20	65	<5	2.10	4	6	74	3	1.46	10	0.48	795	4	0.05	10	480	86	10	<20	136	0.03	<10	4	<10	7	201
52	9596	10	<0.2	0.27	30	115	<5	2.00	<1	6	90	25	1.40	10	0.42	737	5	0.05	7	470	18	10	<20	146	0.03	<10	4	<10	6	97
53	9597	20	<0.2	0.25	55	60	<5	2.24	<1	7	82	4	1.55	10	0.52	908	1	0.05	10	460	24	10	<20	160	0.03	<10	4	<10	8	120
54	9598	495	<0.2	0.28	1285	95	<5	2.40	<1	6	105	3	1.49	20	0.56	1316	5	0.04	9	450	30	15	<20	122	0.03	<10	4	<10	8	129
55	9601	10	<0.2	0.21	25	150	<5	2.09	5	5	89	4	1.29	20	0.46	624	1	0.04	9	320	84	10	<20	106	0.02	<10	3	<10	6	207
56	9602	10	<0.2	0.21	10	85	<5	2.20	<1	6	72	2	1.62	20	0.55	600	3	0.05	9	580	8	<5	<20	77	0.03	<10	5	<10	8	52
57	9603	15	<0.2	0.20	20	340	<5	2.58	<1	7	69	3	1.75	10	0.67	653	6	0.04	9	570	18	5	<20	96	0.03	<10	6	<10	9	52
58	9604	10	<0.2	0.23	<5	775	<5	1.97	<1	7	54	1	1.68	20	0.53	472	1	0.06	6	590	6	<5	<20	114	0.03	<10	8	<10	9	41
59	9605	10	<0.2	0.18	5	680	<5	2.28	<1	7	59	4	1.67	20	0.63	541	3	0.05	7	580	10	<5	<20	87	0.03	<10	5	<10	9	52
60	9606	20	<0.2	0.19	15	630	<5	2.60	1	7	73	7	1.83	20	0.75	603	3	0.05	10	590	36	<5	<20	85	0.03	<10	5	<10	8	99
61	9607	10	0.4	0.21	30	260	<5	3.36	4	8	66	22	1.99	10	1.00	823	2	0.05	20	600	42	15	<20	139	0.03	<10	6	<10	9	258
62	9608	5	<0.2	0.18	15	525	<5	2.54	3	7	65	5	1.67	10	0.63	605	3	0.05	10	600	50	<5	<20	119	0.03	<10	5	<10	8	179
63	9609	165	<0.2	0.19	20	215	<5	2.42	4	7	60	7	1.63	20	0.59	683	11	0.05	9	580	56	5	<20	116	0.03	<10	4	<10	9	194
64	9610	5	<0.2	0.25	<5	85	<5	2.42	<1	6	70	5	1.82	20	0.60	1598	7	0.05	9	640	10	<5	<20	131	0.04	<10	6	<10	11	140
65	9611	5	<0.2	0.16	5	225	<5	1.27	2	2	59	3	0.60	<10	0.07	405	5	0.04	2	110	46	5	<20	119	0.01	<10	<1	<10	6	158
66	9612	5	<0.2	0.21	10	90	<5	0.79	2	1	101	3	0.51	<10	0.04	329	4	0.05	2	30	100	10	<20	106	<0.01	<10	<1	<10	8	221
67	9613	10	<0.2	0.16	15	65	<5	0.49	1	<1	63	<1	0.45	<10	0.03	274	2	0.05	<1	30	76	10	<20	81	<0.01	<10	<1	<10	8	157
68	9614	<5	<0.2	0.18	10	85	<5	0.53	1	<1	72	1	0.48	<10	0.03	261	3	0.05	<1	30	44	10	<20	78	<0.01	<10	<1	<10	8	96
69	9615	5	<0.2	0.18	10	65	<5	0.58	1	<1	72	<1	0.52	<10	0.04	291	2	0.05	<1	30	46	10	<20	92	<0.01	<10	<1	<10	8	117
70	9616	<5	<0.2	0.19	20	50	<5	0.38	3	2	77	1	0.70	10	0.08	460	5	0.05	2	170	84	20	<20	64	0.01	<10	<1	<10	7	289
71	9617	25	0.3	0.22	25	30	<5	1.24	20	5	68	6	1.66	10	0.25	1326	7	0.05	5	590	234	55	<20	50	0.03	<10	5	<10	9	1352
72	9618	15	<0.2	0.15	25	25	<5	0.20	2	<1	67	2	0.67	<10	0.04	390	5	0.03	<1	50	44	15	<20	36	0.01	<10	<1	<10	4	230

QC DATA:

Resplit:

1	9529	<5	<0.2	0.27	20	660	<5	2.31	<1	9	62	10	2.18	10	0.69	672	3	0.07	11	700	10	<5	<20	144	0.03	<10	14	<10	10	42
36	9564	360	2.0	0.26	960	45	<5	5.59	4	19	60	58	3.28	<10	1.82	2454	7	0.05	59	850	120	40	<20	206	0.07	<10	17	<10	7	595
71	9617	20	0.4	0.21	25	25	<5	1.26	29	5	55	6	1.68	10	0.25	1348	5	0.04	4	600	294	65	<20	50	0.03	<10	4	<10	9	1888

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Tl %	U	V	W	Y	Zn
QC DATA:																														
Repeat:																														
1	9529	<5	<0.2	0.25	25	650	<5	2.33	<1	9	61	10	2.15	10	0.69	681	2	0.07	11	720	6	<5	<20	143	0.03	<10	14	<10	10	42
10	9538	5	0.2	0.21	35	110	<5	1.64	<1	6	80	11	1.14	20	0.45	562	7	0.04	11	310	16	<5	<20	208	0.02	<10	4	<10	6	48
19	9547	<5	0.3	0.19	<5	125	<5	0.78	<1	1	53	1	0.65	10	0.16	327	9	0.07	<1	20	24	<5	<20	131	0.01	<10	<1	<10	9	29
36	9564	5	1.7	0.26	960	50	<5	5.92	5	20	59	45	3.40	<10	1.97	2533	7	0.04	63	880	108	25	<20	213	0.07	<10	18	<10	8	599
45	9573	5	<0.2	0.17	15	35	<5	1.42	<1	5	64	5	1.41	20	0.31	560	3	0.05	5	400	18	<5	<20	107	0.02	<10	6	<10	8	43
48	9592	970	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
49	9593	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
54	9598	500	<0.2	0.27	1280	95	<5	2.38	<1	5	103	3	1.48	20	0.56	1302	5	0.04	10	460	30	10	<20	122	0.03	<10	4	<10	7	127
54	9598	580	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
71	9617	-	0.3	0.23	25	30	<5	1.25	21	5	69	6	1.68	10	0.25	1341	7	0.05	4	590	236	55	<20	50	0.03	<10	5	<10	9	1381
Standard:																														
GEO '03		125	1.4	1.64	50	140	<5	1.63	<1	19	56	87	3.53	<10	0.97	616	<1	0.03	28	670	22	<5	<20	43	0.13	<10	73	<10	10	71
GEO '03		115	1.5	1.64	55	140	<5	1.61	<1	19	55	86	3.46	<10	0.96	619	<1	0.04	27	660	22	<5	<20	46	0.12	<10	71	<10	10	72
GEO '03		-	1.4	1.55	60	135	<5	1.65	<1	20	56	83	3.53	<10	0.91	614	1	0.03	27	640	22	<5	<20	38	0.10	<10	71	<10	10	72

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/kk
df/544
XLS/03
Fax: Richmond Office & email

APPENDIX III

CERTIFICATES OF ANALYSIS

c. Check Samples

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

4V-0093-PA1

Company: **CME Managing Consultants Inc.**
Project:
Attn: Ted Vander Wart

Mar-02-04

We *hereby certify* the following assay of 9 pulp samples submitted Feb-18-04 by Ted Vander Wart.

Sample Name	Au g/tonne	Ag g/tonne
09416	13.33	
09418	6.90	
09431	4.83	
09774	0.95	
*DUP 09418	7.20	
*97-2	1.36	
*CPb-1		630.0
*BLANK	<0.01	<0.1

30g Fire Assay for Au & Ag

Certified by

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 Managing Consultants Inc. File # A400852 Page 1
2160 - 21331 Gordon Way, Richmond BC V6W 1J9 Submitted by: Ted VanderWart

SAMPLE#	Au** gm/mt
09399	9.69
09416	12.60
09418	7.17
09431	4.80
09774	.86
STANDARD AU-1	3.41

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

Data L FA ____ DATE RECEIVED: MAR 9 2004 DATE REPORT MAILED: March 17/04.

BRITISH COLUMBIA CERTIFIED ASSAYER
Clarence Leong

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

APPENDIX III

CERTIFICATES OF ANALYSIS

d. Specific Gravity

Eco Tech Laboratory Ltd.

ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING

10041 Dallas Drive, Kamloops, BC V2C 6T4
Phone (250) 573-5700 Fax (250) 573-4557
E-mail: info@ecotechlab.com
www.ecotechlab.com

	Sample	Specific Gravity (g/cm3)
1	GG03-1 396.0	2.707
2	GG03-1 397.0	2.775
3	GG03-2 374.0	2.759
4	GG03-2 374.5	2.693

ME YTI LA TOR LTD 8 E. ING . V OUV C 1R6 PH (60 3-3 FAX)25 716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Eco-Tech Laboratories Ltd. File # A400529
10041 E. Trans Canada Hwy, Kamloops BC V2C 6T4 Submitted by: Jutta Jealouse

SAMPLE#	S.G.
GG03-1 396.0	2.71
GG03-1 397.0	2.72
GG03-2 374.0	2.74
GG03-2 374.5	2.71

S.G. - SPECIFIC GRAVITY
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE

Data h FA ____ **DATE RECEIVED:** FEB 13 2004 **DATE REPORT MAILED:** Feb 19/04

BRITISH COLUMBIA CERTIFIED ASSAYER
Clarence Leong

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

APPENDIX IV

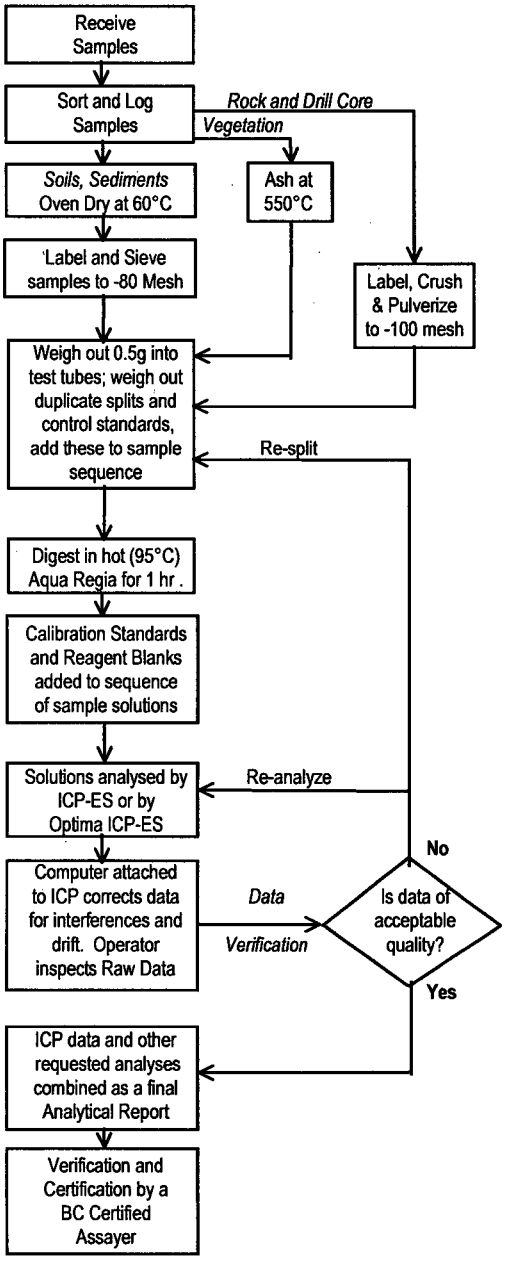
ANALYTICAL LABORATORY PROCEDURES

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
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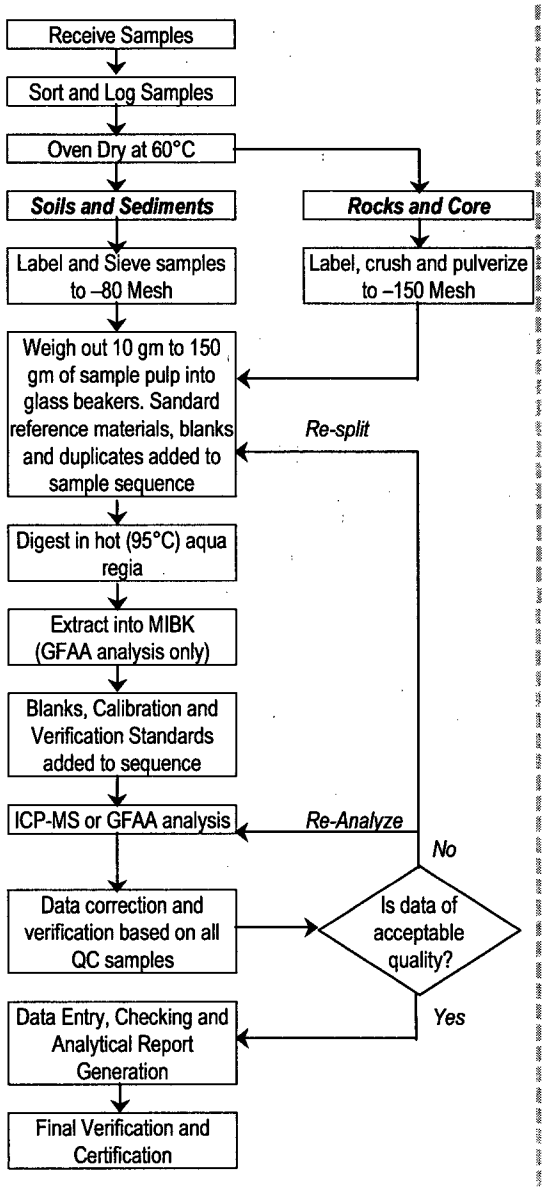
METHODS AND SPECIFICATIONS FOR ANALYTICAL PACKAGE GROUP 3A - AU BY WET EXTRACTION

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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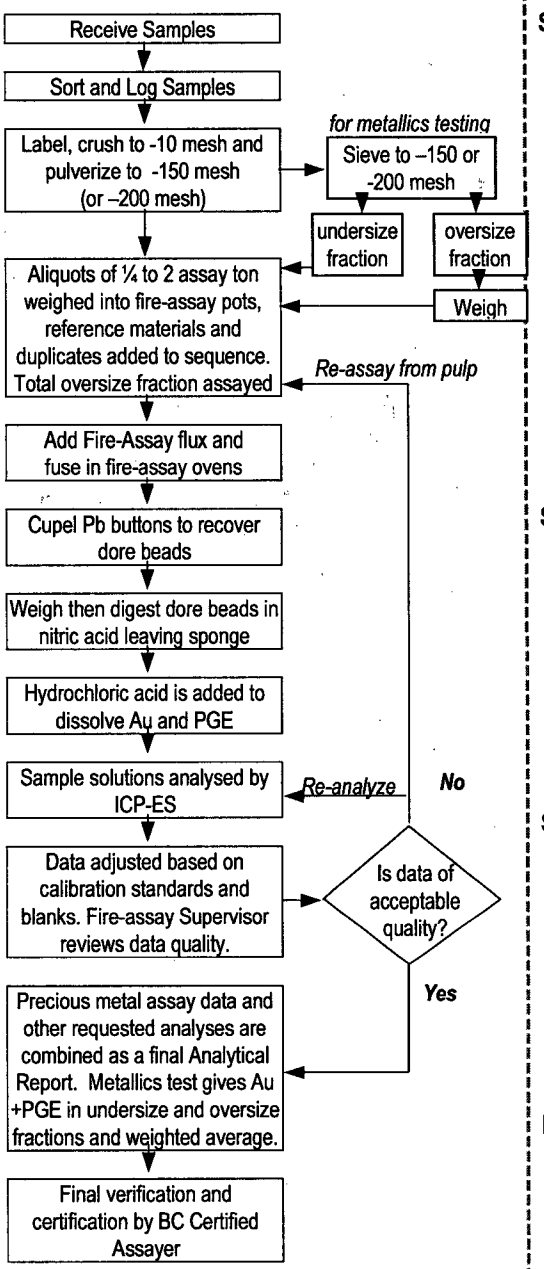
METHODS AND SPECIFICATIONS FOR ANALYTICAL PACKAGE GROUP 6 - PRECIOUS METAL ASSAY

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

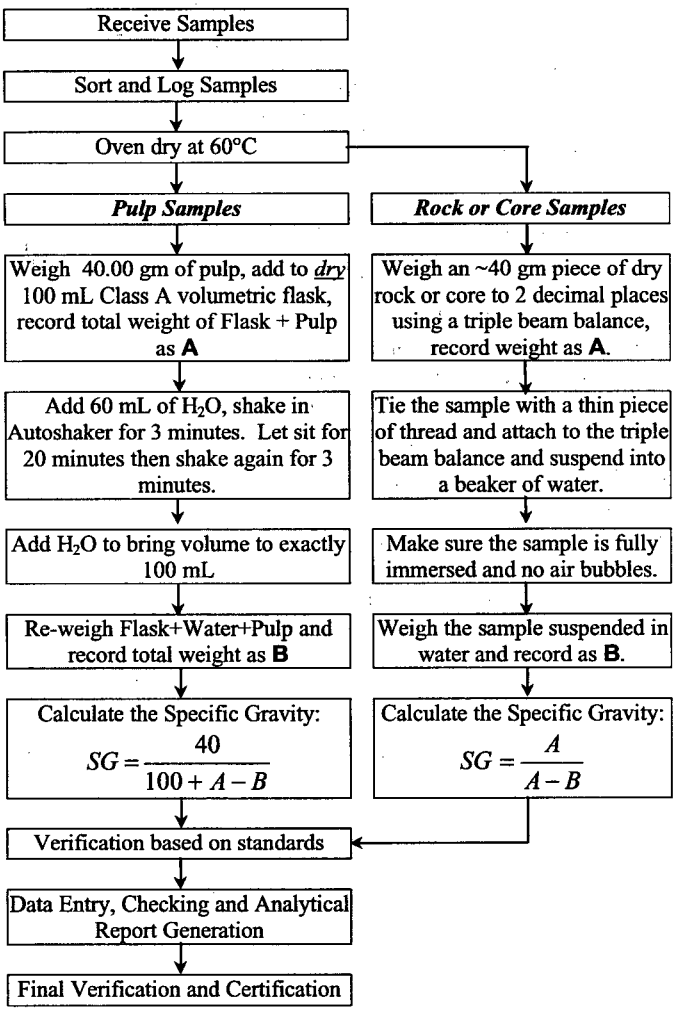
The solutions are analyzed by ICP-ES (Jarrel Ash Atom-Comp model 800 or 975) to determine Au, Pt, Pd and Rh. Au or PGEs over 1 oz/t are determined by gravimetric finish. Ag is determined both by fire assay and wet assay. Ag over 10 oz/t is reported from the fire assay while concentrations <10 oz/t are 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.

METHODS AND SPECIFICATIONS FOR ANALYTICAL PACKAGE
GROUP 8 – SPECIFIC GRAVITY

Analytical Process



Comments

Sample Preparation

Samples are dried at 60°C to remove all moisture. Specific gravity can be determined using either whole samples of rock and drill core or on the pulp fraction. Pulp samples are generated by crushing rocks and drill core to minus 10 mesh then pulverizing to minus 100 mesh. A duplicate split is taken from 1 sample in each batch of 34 samples for monitoring precision. A sample standard comprising whole or pulverized quartz is added to each batch of samples to monitor accuracy.

Sample Determination

Specific Gravity is determined by weighing samples in relation to the displacement of water. The ratio of sample weight to sample plus water weight measured in highly precise labware is used to determine the specific gravity of pulp samples. The decrease of weight for a sample immersed in water relative to its normal "dry" weight is used to ascertain the specific gravity of whole samples of rock and drill core. The analytical method is calibrated using a certified mass, the calibration is verified using either pulverized or whole samples of quartz having a specific gravity of 2.64.

Data Evaluation

The lab technician calculates the specific gravity using the appropriate formula. The data is entered into ACME Analytical Lab's data management system and an Analytical Report is generated. The report is verified by a Data Checking Clerk then undergoes final verification by a British Columbia Certified Assayer who then signs the report before it is released to the client. Chief Assayer is Clarence Leong, other certified assayers are Dean Toye and Jacky Wang.

Analytical Procedure Assessment Report

MULTI ELEMENT ICP ANALYSIS

Samples are catalogued and dried. Soil samples are screened to obtain a -80 mesh sample. Samples unable to produce adequate -80 mesh material are screened at a coarser fraction. These samples are flagged with the relevant mesh. Rock samples are 2 stage crushed to minus 10 mesh and pulverized on a ring mill pulverizer to minus 140 mesh, rolled and homogenized.

A 0.5 gram sample is digested with 3ml of a 3:1:2 (HCl:HN03:H20) which contains beryllium which acts as an internal standard for 90 minutes in a water bath at 95°C. The sample is then diluted to 10ml with water. The sample is analyzed on a Jarrell Ash ICP unit.

Results are collated by computer and are printed along with accompanying quality control data (repeats and standards). Results are printed on a laser printer and are faxed and/or mailed to the client.

K:Methods/methicp

Analytical Procedure Assessment Report

SAMPLE PREPARATION

Samples are catalogued and dried. Soils are prepared by sieving through an 80 mesh screen to obtain a minus 80 mesh fraction. Samples unable to produce adequate minus 80 mesh material are screened at a coarser fraction. These samples are flagged with the relevant mesh. Rock samples are 2 stage crushed to minus 10 mesh and a 250 gram sub sample is pulverized on a ring mill pulverize to -140 mesh. The sub sample is rolled, homogenized and bagged in a prenumbered bag.

GEOCHEMICAL GOLD ANALYSIS

The sample is weighed to 30 grams and fused along with proper fluxing materials. The bead is digested in aqua regia and analyzed on an atomic absorption instrument. Over-range values for rocks are re-analyzed using gold assay methods.

Appropriate reference materials accompany the samples through the process allowing for quality control assessment. Results are entered and printed along with quality control data (repeats and standards). The data is faxed and/or mailed to the client.

Analytical Method

GOLD ASSAY

Samples are sorted and dried (if necessary). A sub sample is pulverized in a ring & puck pulverizer to 95% - 140 mesh. The sample is rolled to homogenize. Concentrates will be processed in our Conc sample prep area.

A 10 to 30g sample run in triplicates are fire assayed using appropriate fluxes. Conc will be fused in a dedicated furnace to ensure no cross contamination.
The resultant dore bead is parted and then digested with aqua regia and then analyzed on an AA instrument.

Appropriate standards (Quality Control Components) accompany the samples on the data sheet.

Eco Tech Laboratory Ltd.

ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING

10041 Dallas Drive, Kamloops, BC V2C 6T4
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www.ecotechlab.com

Procedure:

The DRIED reject is to be used for Specific Gravity Analysis. If reject is not available use pulp.

1. Record weight of a CLEAN DRY 200ml phosphoric flask. (A)
2. Add approximately 50g of DRY reject and record exact weight of flask plus sample. (B)
3. Add RO water to flask and swirl flask vigorously to free any trapped air as well as to ensure all the sample is wet.
4. Bulk flask to neck with distilled water then allow sample to sit until all the air bubbles are gone. (it is important that ALL AIR be removed.)
5. Bulk to line and record weight. (C)

Calculation:

A = Weight of flask.
B = Weight of flask plus sample.
C = Weight of flask plus sample plus water.
D = C-B = Weight of water in flask.

$$\text{Specific Gravity g/cm3} = \frac{B-A}{200-D}$$

Assayers Canada

Procedure for Gold analysis by 30g fire assay:

1. Weigh 30g sample into a weighing dish.
2. Transfer sample into a 40g crucible. Add ~100g flux and appropriate amount of flour. Mix well.
3. Add ~2mg Ag. Fuse at 1000 deg.C for 1 hour.
4. Collect the lead button after pouring out the fusion and cupel it at 875 deg.C.
5. Transfer the Ag bead into a 20ml test tube. Add 3ml 1:3 HNO3. Heat in a water bath for 15 min.
6. Add 3ml HCl. Digest for 30 min.
7. Cool. Make up to volume of 10ml with distilled water. Shake.
8. Read on A.A. for Au.

APPENDIX V

CORE REPROCESSING PROGRAM

a. Drill Logs
b. Corrections to Drilling Database

APPENDIX V

CORE REPROCESSING PROGRAM

a. Drill Logs

CME

87PGE - 1

Project name: SKUKUM
Project # : CP56C
D.D. Hole #: 87PGE 1 Relog

Length (m): 226.47
Grid:
Dip: -45
Azimuth: 175
Core size: HQ/NQ

Contractor:
Northing: 6672944.868
Easting: 483847.920
Collar Elev.: 1075555

Hole survey type:
Started:
Completed:
Logged by: TV
Date logged: 10/08/03 – 10/09/03

Depth	Dip	Azimuth

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0 - 5.18	NO CORE								
5.18 - 6.40	Rubbly, core material, ANDS, QZMZ piece of MULTILITHIC AGGL? or BX? Also frags of Flow-banded RHYL (Cretaceous)								
6.40 - 29.30	QZMZ - dominantly QZMZ w/ minor ANDS dykes QZMZ not magnetic 11.6 - 12.50 ANDS dyke; fairly homogenous green; lim stainings on frac sfcs	mod. to locally v. strong, seri; still in surface oxidation zone. Occasional discrete, green seri alts							
	20.24 - 21.44 ANDS dyke; as above	mod. wk alt.							
	24.90 - 25.88 ANDS dyke. as above	mod. wk alt.	2% of dyke broken / fractured w/ clay gouge from QZMZ + local py						
		28.55 - 32.20 incr. lim?/ hem? alt^n of QZMZ - often core of veins w/ qz ± cb vn.							

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	QZMZ cont'd	33.4-34.2 incr seri on fracs, w/ minor chl, lim	@ 33.4-34.2 zone w/ narrow barren qz vnlts, minor py along fracs 34.55-35.15; incr py (≤1%) along fracs @ 37.60 dk sx? or ox.dc min'l dark grey to black w/ slight purple fringe						
39.3-40.	ANDS dyke; speckled/mottled w/ chl/ser	Mod alt^{n} Lim abundant on frac sfc							
40-41.15	(approx). RHYL bx w/ qz vn. Gougy fault material to either side of vein @ 40.4 QVZN is ~ 3.4cm wide, internally frac'd w/ dk sx (dominantly py) poss Sb/As. Vein material appears to bleed into host rock (RHYL?)	RHYL is strongly altered w/ seri/clay, esp on either side of vein							
41.15-42.4	QZMZ - faulted, gougy	Strongly altered; clay, seri, hem							
42.4-52.0	QZMZ - relatively more competent 42.4-47 mod alt. 47- strong alt.	Mod - strong alteration (Strong on frac sfcs, mod in general) 47→ seri increasing, becoming typical 'apple' green alteration; In general alteration 'becomes' strong. 47.85-48.35 extreme altered.	Localized gougy frac/shear planes. @ 49.60 mylonitic bleach (sx?) w/in QZMZ, several parallel stringers over 10cm @ 30°CA		–				

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	QZMZ (cont'd)								
	5	52.88–53.64 v. strong seri alt.	Poss malachite @ 58.95						
57.0–63.15	RFP; fsp phenos altered; often loci of hem alt^{n} or brown chl. Unit is white to v. pale green, and spotted w/ red brown fsp phenos/spherules. Occasional larger 1–3cm rounded RHYL frags w/in matrix	Alt - strong to extreme on frac sets (clay) dominantly seri. alt. matrix. @ 61.2 frac in RHYL w/ abund. feathery chl ? in altered in envelope	no py observed.						
63.15–64.5	QZMZ ALT - S. med-grained	chloritic, seri, hem							
64.5–68.90	RFP - ALT - S. Similar unit as previous, slightly less hem/lim alteration		(contact w/ QZMZ (upper) is v. sharp. Lower contact v. sheared w/ QZMZ						
68.90–69.05	QZMZ (contact zone w/ RFP) extremely sheared; alteration - X.								
69.05–100.58	QZMZ - ALT - M, decreases slightly	V. strong apple green seri alt^{n}, Brown-weathered (lim after hem?)	Core v. broken, mod. shearing @ 70.20 minor dark sx?, v. fn grained in QZMZ. @ 71.10 v. broken core. ~73.15 poss flt zone ~ 10cm @ 78.00 disc qz vn, bevel, pinches at halfway through core, 1cm/40°						
		84.3–86 ALT S - less hem; less seri	@ 86.7 Vn? rich seri ± chl, s.l. 1-2cm/20°						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	QZMZ (cont'd)	86.0 - 91.35 ALT - M.							
		91.35 - 92.20 ALT - W.	91.35 - 92.20 f.l. sheared v. fresh looking						
		92.20 - 100.58 ALT - M.							
		occasional zones of ALT-S over 10 - 30cm, more greenish sericite; eg @ 96.4, 95.3.							
100.58 - 112.04	RHYL; Qz eye, porphyritic			09264	99.27 - 100.19	0.92	15		
	100.58 - 101.43 spherulitic and flow banded (weak) RHYL; minor py; flow banding strongest at upper sheared contact w/ QZMZ (Py ~ 1-2%)	ALT - W → M Py → hem → lim Mod chl?, ser;	Py cubes throughout (altered to brown hem/lim).	09265	100.58 - 101.43	0.85	10		
			Flow-banding ~ 50° CA.	09266	101.43 - 102.90	1.47	5		
	101.43 - 107.74. Internal RHYL fs porph dyke, v. small qz eyes (1mm); this dyke cores the flow-banded spherulitic dyke. (Py ~ 5%)		Incl. py. to (hem) w/in dyke	09267	102.90 - 104.50	1.60	10		
		ALT - M.	102.90 - 104.40 FLT-Z; heavily fracked core along CA	09268	104.50 - 106.30	1.80	10		
				09269	106.30 - 107.40	1.10	5		
				09270	107.40 - 107.74	0.34	1.249/t		
	107.74 - 110.12 Flow-banded RHYL qz-eye, fs porph dyke; Contact of flow banding to internal dyke ~ 50° CA.; v. sharp. (Py ~ 2%)			09271	107.74 - 109.00	1.26	15		
		ALT - M	Flow banding ~ 30° down to near // to CA.	09272	109.00 - 110.12	1.12	30		
				09273	110.12 - 112.04	1.92	265		
	110.12 - 112.04: Non-flow-banded Qz eye RHYL porph dyke, similar to 101.43 - 107.74, lesser altered boxwork py (1-2%), darker greenish-grey.	ALT - W/M							

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
112.04 – 117.50	QZMZ – sheared, med-grained less mafics than earlier; possible weak silicification event?	ALT – M/S.; rel abund. green seri alt. decreased lim/hem	Sharp upper contact w/ dyke @ ~50°CA. 112.04 – 117.57 – poss As alteration on fracs. – yellow sulphur-like crumbly (sporadic?) (BW)						
	114.83 – 115.06 narrow bleached ANDS? dyke; brownish to med dk grey-green porphyritic (qz ± fs); v. fn grained	ALT – M.	116.6 – poss more yellow As-alt.						
117.50 – 170.50 (120.37)	RHYL, qz-fs porphy.;	ALT – M/S. brown-weathered w/ rel. abund qz-eyes, hem/lim altered bxwork py.	@ 119.05 poss visual ID of acicular aspy in RHYL, dissem						
(120.37) 120.50 – 132.59	ANDS – DACT, porphyritic fsp up to 3mm, generally 1-2mm rare 5mm phenos. homogenous green-grey	ALT – W ± M, generally appears rel unaltered; chl-seri main alt° products. minor lim/hem along fracs	@ 120.40 fault zone. – contact of RHYL w/ ANDS/DACT.	09274	120.37 – 121.01	0.64	140		
	Larger pink fs phenos suggest a possible RHDC. (gradational change throughout unit.	Moderately bleached; fsp phenos still pinkish							
132.59 – 163.43	QZMZ; sheared, mod. brown alt°, strong green seri alt° focused along many frac planes and create alt° halo.	ALT – M/S. Seri – S, Lim/hem M. Chl – mod.	LC is faulted against QZMZ Main interval is quite competent Historical sample, F8963 (134.32 – 136.25) of poss bx. alt° of QZMZ; relatively minor						
	137.59 – 142.95 – brown alt°								
RQFP? →	142.95 – 151.20 – v. rare mafic/alt° v. strong seri/clay alt°, large qz/fs phenos in QZMZ, sheared	ALT – S, sil? Chl is dominant mafic	Local zones appear brecciated, fragmental Minor py dissem <1%	09275	144.48 – 146.46	1.98	5		
	142.95 ? – .								

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	~~QFMZ~~ (cont'd) fQFP - sheared ?		minor disem py (~1%)	09276	147.68 - 147.83	0.15	10		
	151.70 - 151.42 narrow ANDS/DACT dyke; med grey, fn-grained			09277	151.42 - 152.95	1.53	5		
	152.38 - 156.95 ANDS/DACT dyke w/ cb? vnlts (stockwork, along fracs) → ankerite or Fe rich calcite								
	Note on unit, strongly sheared qz eyes (stretched along a foliation / shear dir?)								
	156.95 - 157.70 ANDS/DACT.	v. silicic upper contact dk grey qz w/ white qz	Minor py w/ qz vn?	09278	156.00 - 156.95	0.95	5		
	157.70 - 162.28 ROFP, sheared.			09279	156.95 - 157.89	0.94	5		
	162.28 - 163.43 ANDS/DACT dyke qz previous.								
163.43 - 166.90	RHYL dyke? strongly sheared, no obvious planes of qz-fs (ALT - M.)	Silica flooding w/ abund chl along major fracs.	Py alteration to hem/lim						
	v. qz rich - could be v. bleached & silicified QFMZ? v. low mafic content	166.2 - 166.90 v. silica rich. w/ AND xenos.	@ ~166.1 Fault zone in narrow ANDS dyke; ~ 30°CA. 10cm.						
166.90 - 175.86	More typical QFMZ, w minor brown oxidation of py (lim+hem); Shearing decreased, more localized w/in the unit w/ strong seri	ALT - M.							
	168.50 - 169.10 ANDS dyke, faulted U/L contacts. ALT - M. (seri);	Alt° is very strong @ lower contact; gouge							
175.86 - 176.81	ANDS/DACT dyke - mod shearing mottled dark green chl porphyros; fs planes - silicified	ALT - M brown hem/lim on stks. weak vnlt network							

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
176.81 – 177.90	QZMZ - ALT - S/X.	V. green core (seri) w/ dark grey fine SX ?, gradually decreases alteration grade							
177.90 – 183.30	QZMZ - ALT - S. Incr brown oxidation of py/lim.	Alteration (seri) increases w/ depth towards contact of dyke below.	@ 181.60 fault ~ 5cm; gouge.						
183.30 – 190.80	RQFP; upper 30cm v. green, highly fragment - (ie RQD = 0)	ALT - X (183.30 - 183.80)	LC QZMZ / UC RQFP, gouge faulted / clay alt^{n}						
	183.80 – Grades into white/buff/tan RQFP (fairly typical unit), 189.75 - 190.05 Orange RHYL (QFP) 190.05 - 190.4 Strong green AH^{n} of the RHYL.,	186.30 - 186.55 v. brown alt^{n} of dyke, confined to matrix							
	~191.2 AND dyke w/ grn-blu unlithified wk py assoc.		190.8 — 195.60 (approx) major fault zone completely ground down core, remains of frags suggest a mix of lithologies - QZMZ, FLDK, ANDS, RQFP.						
195.60 – 205.70	QZMZ, typical sheared, brown-stn alt^{n} of mafics + py.	ALT - M. brown weathering occurs in zones of v strong to mod. seri alt^{n}, somewhat variable.	196.70 - 196.70 FLT. ?. completely fragmented/ground QZMZ						
205.70.	RHYL QFP?, not obvious (FLDK)	ALT - W/M, green seri common in fracs.	UC marked by QZ?/FS? vein or sweat partially consuming the QZMZ, no mineralization						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	FLDK (cont'd) This unit shares characteristics of the more typical RQFP, but few obvious fsp phenos or qz phenos. Very little qtz to speak of. [Last Box is No 47, no indication if EOH.] Missing last box	ALT W/M. Strong ser ± or frac sets. Very consistent alt° to EOH.	V. minor weathered bxwork py. Trace py. Incr. hem/lim alteration w/ depth likely due to py alteration; small <1mm		222.66 - 223.86	1.20	<5		

[redacted] Note [redacted] le m[redacted] ma[redacted] depth[redacted]s a[redacted] fac[redacted]-ar[redacted] rock[redacted]
Also missing boxes. - depths may be estimate only.

CME

87PGE - 2

Project name: Ci Skukum
Project #: CPS6C
D.D. Hole #: 87PGE-2 (Relog)

Length (m): 210.92m.
Grid:
Dip: -75°
Azimuth: 05
Core size: HQ/NQ

Contractor:
Northing: 6672799.627
Easting: 483952.653
Collar Elev.: 1181.771

Hole survey type:
Started:
Completed:
Re **Logged by:** TV
Date logged: 10/08/03

Depth	Dip	Azimuth

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
Box 15 705.2-717.7' 628'-66.35	RQFP, buff to pale pink, 1	strong sericite alt^{n} - pale green brown hem. alt^{n} - may be oxidation due to exposure to air.	tr. py. (cubic)						
Box 16 MISSING									
Box 17 731-744' 704-744'	70.41 - 72.03 QZMZ., med-grained w/ 1-3mm fs phenos, strongly altered.	fine remobilized matrix due to exposure in air. Strong seri (green) alt^{n} of fs phenos	v tr. py (cubic)						
	72.03 - 77.32 Strongly altered RQFP V. distinct green w/ euhedral fsp. phenos.,	V. strong seri alt^{n} w/ incr. clay alt^{n} toward bottom and into QZMZ (assoc. w/ shearing)	Sheared u/l contacts w/ QZMZ. esp @ lower contact.						
	72.32 - 80.70 QZMZ as previous.	76.95-77.45 paler section of QZMZ, less matic Fe alt^{n}	78.76-78.96 FLT zone, ground core, abund. qtz, clay & seri alt^{n} weak to moderate shear fabric(?) beginning to develop in QZMZ ~50-70°CA. 79.36-79.56 FLT-2, not as intense as previous, broken core.						
80.70-81.58	RQFP dyke, sheared upper/lower contacts green. v. fn grained matrix w/ up to	strong green seri alt^{n} w/ Fe alt^{n} of fn-grained matrix							

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	5mm Ps phenos.,		Flow bandings? or shear fabric @ U/L contacts. 45°CA Fe alt$ may be original pyrite assem. throughout unit Lower contact sheared/faulted w/ min. gouge.						
81.58–101.93	OZM2 – as before; evidence of incr. shearing due to occurrance of fine dark grey Sx pressure solf vnlts.	Strong hem alt$; fresh rock w/ abund pale to apple green ser alt$. V. wk carb alt$, probably only assoc w/ shears and vlts.	@ 82.85 narrow qz vn 1cm/45° cloudy white qz to grey w/ dark incl. (chl?) Locally fractures of OZM2 contain abund diss py to 2%. also dark metallic grey Sx?, (approx) @ 85.68 qz vn w/ multiple offsets; somewhat diffuse, milky; free sfc w/ v. thin dark grey Sx (?) vnlt. (stylolitic?) @ 86.10 – shear zone, narrow, 1–2 cm wide qz vning assoc w/ ~ 70cm						
		87.18 incr. silicification, rare pales (less hem alt$), these zones appear and disappear.	91–93.5 relatively broken core, little gouge, fracture zone						
		Incr. diss py in OZM2 host, cubic; <1%	@ 95.27. narrow 1.5cm gouge plane w/ clay/ser. 50°CA @ 95.99 low angle fract w/ dark grey Sx? + py, minor clay; also @ 96.19.						
		Continuing pervasive apple-green ser alt$ throughout the OZM2.	@ ~98.4. fract zone w/ lower py cubes in dark grey gouge matrix cubes up to 3mm, fract ~ 1cm						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	QZMZ (cont'd)		(check if sample collected @ 101.5m. approx. 0.6m - if not sample. Q 102.0-102.1 Mylonitic shear @ contact w/ RFP dyke; large qz. clasts in dk grey/black fine grained Sx matrix (old Black Breccia); py up to 10%; mod grey Sx in qz (asp?)						
101.92 - 104.42	RFP, med dull green w/ white fsp phenos	Strong seri; pass wk clay Wk to mod Fe alt° + small patchy chl	Upper contact sheared + faulted w/ gouge; as is lower contact. In both cases, marked by strongly sheared/mylonite QZM? w/ Sx. Foliation/flow banding in dykl. Marked by seri alt° trends ~41°CA Centre of dyke marked by small frac zone.						
104.42 - 122.90	QzMZ; as before, slightly more silica rich, grain texture less coarse (though not fine-grained); fresher looking; locally magnetic; FS has altered to red-brown (oxidation?) phenos up to 5mm, subhedral. Rare hbl.	Alteration as before, decreased seri; though still locally strong. Strong hydrothermal (clay) alt° assoc w/ upper contact, rare v. soft + gouge. 106.3 - 106.8 incr. seri (green) w/ mod. clay alt°n - minor dk green patchy chl, w/ minor dk brown red hem. -	Upper contact v. strongly sheared w/ gouge and mylonite (black milled Sx?) ~ 10cm wide. (check for sample collected here (below dyke)						
	@ 110.8, 5cm RHYL dyke? w/ prominent but ≤ 1mm chl patches v. fine grained and tan to buff coloured; ~45° CA - [illegible] This may be a bleach AHBS dyke (see below)								

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	(QZMZ cont'd)	121.20-122.90 incr. seri alt'n as approaching dyke contact @ 127.90	narrow shear @ 121.10 ~ 25°CA Increased shearing below 121.10 toward contact @ 122.90 where QZMZ intensely sheared/faulted w/ gouge						
122.90 - 124.05	ANDS - porphyritic? or late stage alteration feature; speckled dark green chl	Upper 15cm is completely bleached looking more like a fam RHYL as previously reported. Lim alteration on fracs Minor cb veining ~ 123.80.	@ ~ 123.35 1mm galena cube? w/ alteration halo around it (chl) or poss Sb(?); nearby narrow qz ven, but no apparent assoc. @ 124.05 Lower contact faulted						
124.05 - 124.70	QZMZ, as previous Fsp phenos generally smaller, more consistent size	near lower contact is bright green sericite alteration occuring in discrete patches.	Lower contact broken, but not extensively sheared or faulted						
124.70 - 127.80	ANDS, as previous, porphyritic chl. w bright green seri alt'n;	~~Totally~~ Generally strongly bleached w/ mod. lim. Mod cb stockwork veins.	127.30 - 127.80. Zone of py after fs?, colourless halos around py.; up to 5mm. ~5% py, some longer patches. poss gn. lower contact w/ QZMZ broken, but not sheared	* 09251	127.3 - 127.8	0.5			
127.80 - 139.66	QZMZ - as previously describe.	Seri.	Shearing of QZMZ is moderate to weak. @ 132.20 vuggy area of core w/ low angle fracs ~ 70-20° CA @ 134.70 rel. abund py on frac sfc					-	

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	QZMZ (cont'd)	135.60 – 137.20 strong clay/ seri alt^{n}, highly fragmented core.	135.60 – 137.70 (sample interval) strongly sheared QZMZ/GRDR. w/ locally abundant ± py + Sb/gn.; esp @ ~136.30						
139.66 – 142.95	ANDS dyke; somewhat different from previous. darker green-grey. w/ ~10% pinkish white fsp phenos. Appearance is relatively homogenous matrix w/ zones of abundant small fsp phenos to rare, but larger fsp phenos.	139.70 – 140.0 bleached near upper contact to pale green + brown hem alt^{n} Still strong seri Frac sets show lim w/ cb.	UC marked by narrow cb vnlt + qz, + abund hem/lim w/ slickensides ll to vein or contact 45°CA LC appears sharp, probably faulted						
142.95 – 160.70	QZMZ/ Fsp phenos locally abundant clusters of 40% (Alteration is variable as mafic content of QZMZ is somewhat variable (5-10%.)	Weak clay alt^{n} w/ lim + hem. Seri stronger, particularly moving down hole w/ bright green patchy spots visible. 145.50 → seri v. intense	UC zone v. broken, lim/hem on fracs, minor py cons. on sets. (147.90 – 143.50) 145.50 – core more competent abundant pressure solution lim/hem vnlts (?), w/ minor cb vnlts, Long, low angle fracs and weathered out cb? vnlts. @ 146. @148.8 incr. py ~ 1-3% in narrow stringers @150.05 fault gouge w/ py to 20%. ~ 45°CA @151.6 – 151.9 narrow low angle py vnlts ~ 1mm/30°CA @157.2 shear 3mm/50°CA	09252	147.2 – 148.7	1.5			
				09253	148.7 – 149.7	1.0			
				09254	149.7 – 151.1	1.4			
				09255	151.1 – 157.0	0.9			

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	QZMZ (cont'd)		159.55 - 159.65 (approx) historical / sample. - abund py dissem in QZMZ. - 15% py; QZMZ v. bleached., v. distinct zone.	09256	159.65 - 160.39				
			160.49 - 161.20 fault zone overprinting shear contact w/ ANDS dyke ~ 5% py, gouge is med grey	09257	160.93 - 161.85				
160.70 - 163.68	ANDS dyke., med dk green-grey w/ speckling/mottling of chl,	Generally rich chl and seri wk cb; py.	ANDS w/ trace py, through locally concentrated along fracs.	09258	161.85 - 163.37				
			Lower contact also faulted/sheared w/ incr py, gouge	09259	163.68 - 164.54				
			Within dyke py generally incr. w/ depth to lower contact.						
			Other shear planes @ 162.60 15°CA @163.00 15°CA, minor gouge.						
163.68 - 179.36	QZMZ, mod to wk steering; pink to pale white w/ green blotchy chl + pale green seri;	Highly altered, Seri Chl. K-spar?	Upper contact broken/faulted. (sample?)						
			@164.1 large dissem patch of blu-grey SX - SB? - looks soft & ductile, occurs w/in mod. bleached QZMZ.						
			@166.75 poss fault, broken & ground core, clayey. Minor py.						
			@169.82 qz vn, diffuse, flooded into core, Minor py - fair strength cubic; 6cm / 50°CA						
179.36 - 180.35	ANDS dyke; not porphyritic as other green grey;	Chl, seri alt= mod.	~ 1% py. Irreg upper contact w/ QZMZ	09260	179.36 - 180.35				

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
180.35- 210.92	QZMZ - wk to moderately altered. Pale pink, light grey w/ 5-10% mafics altered to chl.	Mod ser., wk-mod chl.	188.65 - 189.15 Faulted, broken QZMZ.						
		ab assoc w/ fracs.							
		Locally strong lim (hem) w/ mafics							
	188.90 - 189.16 ANDS dyke. mod. pyritic (2%)			09261	188.90 - 189.16	0.50			
	190.07 - 192.15 ANDS dyke. more pyritic @ upper contact and lower contact (py rubbly up to 3mm)	ANDS shows ser patches and weak ab vnlt/stkwk	189.16 - 190.07 Historical sample (0.55 g/t Au) probably due to 1cm qz-sx vnlt. @ ~ 190m. Similar vnlt in ANDS @ 190.10m. LC of 2nd ANDS ~ 40°CA.	09262	190.07 - 191.15	1.08			
				09263	191.15 - 192.15	1.00			
	200.27 - 201.90 ANDS dyke - mottled w/ dk. green/black chl. locally pyritic to 2%, lower 50cm v. broken.	Surface completely oxidized brown.							
			@ 203.70 ANDS dyke stringer, appears sheared. w/ diss py along lower contact; irreg. contacts (py ~ 1-2%) 2cm/40°CA						
			209.70 - 210.62 Historical sample (X3788) Pyritic QZMZ zone py up to 5%; avg 2%						
210.92	EOH.								

CME

96-28 Relog

								Depth	Dip	Azimuth
		Total Depth (m):	358.32	Contractor:		Hole survey type:				
Project name:	SKUKUM	Grid:	UTM NAD 83	Northing:	6673011.642	Started:				
Project # :	CPSK	Dip:	-50	Easting:	483859.303	Completed:				
D.D. Hole #:	96-28	Azimuth:	187	Collar Elev.:	1008	Logged by:	TV			
	Relog	Core size:	NQ			Date logged:	10/10/03 - 10/11/03			

Scale	From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	0 – 12.75	RFP; buff/tan to pale pink; 30% fsp phenos	0–8.84 M/S M-ser; local chl hem/lim variable. W–M 8.84–12.75 S/X; clay, advanced argillic (ser); chalcedonic veinlets.	Locally abundant chalcedonic qz veins; randomly oriented from 0° – 90° CA. – Tension gash infill						
	12.75 – 52.80	QFMZ – brown weathering 12.75 – 14.20 ALT – X; abund chalcedony ~ 14.00 – 14.20. 14.20 – 16.70 ALT – S w/ local M. 16.70 – 30.70 ALT M (prop/ser)	clay alteration, core weathered & pitted.	WC v. gouge; sheared. 16.25 – 16.45 low angle chalcedonic qz vnlt. 5mm/15°CA @18.10 chalcedony vn w/in pink fine grained intrusive or alteration? ~7mm/70°CA						
			23.36 – 24.09 – ALT S clay, prop. ser	@21.40 qz-lim vnlts (tension fill)						
		30.70 – 31.7 – ALT – X 31.70 – 52.80 ALT – M. (prop)	30.70 – 31.70 (8100 151) ALT – X; green ser; clay; v. sharp contacts w/in QFMZ @36.45 ALT S over narrow interval, around diffuse vn. 38.16 – 38.96 ALT S/X around qz vn, clay alt, ser	@28.98 qz vn., with massive 1cm/145°CA; w/ py in selv.; vn itself barren @34.6 qz vn 4mm/40°CA; dk alteration halo around vn. @~38.55 qz vn, multiphase dk alt° halo, ~2cm/?						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	QZM2 (cont'd)		@416 ; qz vn, wht massive w/ dk selv. ∅ alteration halo ~4mm/75°CA ; ~2cm argillic halo.						
	QZM2 grades into v. typical brown weathering unit, w/ moderate matic. trace diss py. non-magnetic	Relatively common tan/orange chalcedonic tension fill vns.							
	52.05-52.25 Rel unaltered Palsic, Cn-grnd dyke, pink - AKDK (?)	QSDm ; ALT - S, some clay. 50 - 52.80 ALT S/M ; avg increasing w depth to contact.							
52.80 - 62.80.	RQFP, ALT M, buff to wh-fe w/ 10% qz eyes, 5-10% pink fsp, minor weathered boxwork py	ALT - fracs w/ clay alt'n esp. near contact ; generally a moderate seri matrix, lim/hem altered py (?)	UC sharp, close to 90° CA.						
			LC sharp 40°CA.						
62.80 - 68.12.	QZM2 - typical brown weathering, medium grained, equigranular ; hbl primary matic <10%.	ALT - W (M) localized. wk propylitic ; wk seri - rare chalcedonic veins.	no pyrite						
	Magnetic (wk-mod, decr downhole) Incr. shearing downhole toward LC.		66.20-67.30 (sample B100153) Series of narrow qz vns. in QZM2. 3-5mm, wht massive qz w/ dk selv ; dark (chl?) w/r alteration						
68.12 - 68.30	RQFP, intensely sericitized green, LC completely sheared and clay altered								
68.30 - 68.52	QZM2, strongly sheared.								
68.52 - 93.36.	RQFP, upper/lower contacts strongly sheared and altered, Shearing decreased toward centre of unit, but still v. broken.	ALT - S, locally X. clay, green sericitization of fsp.							
	75.70 - 77.45 v. strong shearing, fsp. completely altered, faulted in centre.	lim/hem appears to locally conc. around fsp. (sfc oxidation)							
		Green seri appears to act as a tension gash fill material	~83.6-83.9 ~ 30cm fault zone broken core.						
		Clay alt'n increasing toward contact							

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
93.36 - 100.28	QZMZ; sheared; brown-weathered as typical, but higher alteration grade. 93.36 - 100.28 v. strong shearing. ~ 20° CA. (@ 98.70m)	ALT - S; argillic (clay, seri)	UC sharp ~70°CA, intensely clay altered; alteration primarily affects the QZMZ						
	100.28 - 105.50 much less internal shearing; narrow seri/clay alt. marks bounds of shearing.	100.90 - 101.65 ALT W; magnetic reappears.							
		101.65 - ALT W/M; incr. prop/seri/l minor chl.	@ 102.35 chalcedony-qz valt; fairly intense prop alt'n i. w/r. for 30-50cm.						
		103.14 - 103.92 Alt halo around qz vn; seri-clay	@ 103.6, brecciated 124YL?	09281	101.80 - 103.14	1.34	15		
			QZ VN.; v fine grained qz (cryptocrystalli.l.).- dk grey pass SX.	09282	103.14 - 103.92	0.78	20		
	105.42 - 105.50 narrow ANDS dyke. ~70°CA	103.92 - 105.42 ALT - M, weakly sheared.	Vn ~ 1 cm / 30°CA, vuggy.	09283	103.92 - 104.88	0.96	45		
105.50 - 120.68	QZMZ - ALT - W. Relatively fresh QZMZ, magnetic (mod to locally strong). Brown weathering due to surface exposure; minor cc-qz valts w/ cm scale alteration envelopes.	105.50 - 120.65 QZMZ ALT - W. magnetic reappears locally where QZMZ appears fresher esp ~ 107.90							
			@ 114.80 Fault/shear zone - Local gouge clay						
			@ 116. Fault/shear zone ~10cm. 35°CA; intense clay alt						
120.68 - 157.86	QZMZ - ALT - W/M., magnetite disappears								
				09284	122.00 - 122.47	0.47	10		
	122.47 - 123.31 ANDS dyke, sharp contacts v. magnetic; fsp porphyritic	ALT - N/W.	UC. - 55°CA LC - 70°CA. AH envelope around hairline Cb/qz w/ py - asty	09285	122.47 - 123.31	0.84	15		
				09286	123.31 - 124.00	0.69	10		

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	QZMZ cont'd Alteration varies throughout QZMZ unit, from quite fresh & magnetic to v. brown, rusty, w/ low matrix and no magnetism (thought still weak), Alt appears assoc. w/ narrow hairline veinlets w/ large (up to 25-50cm alteration haloes. QZMZ incr. shearing.	ALT M - local propylitic. 128.20 - 129.03 mod silicification (qz flooding in QZMZ. 132.74 - 135.78 ALT-M 141.72 - 152.86 ALT-M (brown alt, no magnetite.	@129.25 Fault/shears. @129.45 Qz.vn. 50°CA/2cm @133.95 narrow qz vn wht. 3mm/50°A @143.15 qz vn. 1cm/50°CA; wht. qz w/ cb + py along selv; argillic alt aur. ~ 4cm wide @147.37 narrow black shear plane w/ clay alt 45°CA. @151.87 qz vn., 1cm (stacked) 60°CA. w/ py+chl±cb selv.						
152.86 - 153.68 153.68 - 164.86	ANDS - porphyritic, bleached w small qz.cb tension gashes. QZMZ -	ALT- M/W, bleached, chloritized hbl; cb infill ALT- M/W.	UC sharp/shear plane 40°CA pyritic in first 5cm LC sharp. 55°CA @162.93 QZ-PY-SE VN. 35-50°CA 2-3cm., v. fn grained py, massive dissem. SE.						
				09287 09288 09289	161.45 - 162.60 162.60 - 163.04 163.04 - 164.29	1.15 0.44 1.25	10 760 5		
164.86 - 166.11	ANDS dyke - med green; chl/hbl porphyroblasts?, minor cb vnlts.	ALT- M/W; chl dominant.	UC sharp, no shearing 40°CA LC sharp, 45°CA. pyritic						
166.11 - 168.13	QZMZ - brown weathering, silica flooding	ALT - M/S; abund ser; locally abund limonite (ser)							

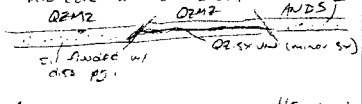
From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
168.13 – 170.47	RFP., pale green to off white Strongly sheared, flow-banded @ upper/lower contacts	ALT-S - strong sericitic (mineralization of py?) also accumulates around fsp. phenos.	UC, sheared & faulted ~ 40°CA LC, ~ 45°CA						
170.47 – 172.50	QZMZ., as previous (sheared)	ALT-M.							
172.50 – 173.43	ANDS, purple.	ALT-M.	UC. - healed shear, pale yellow. v. fn grained contact (~1cm) 55°CA						
173.43 – 174.80	QZMZ - as previous (sheared)	Pyritic @ upper/lower contacts ALT-M, silica-flooded							
174.80 – 175.47	ANDS - as previous								
175.47 – 178.87	QZMZ. - as previous, (sheared)	ALT M/S.							
	176.50 – 177.00 bleached ANDS? poss RHYL, tan brown, ~~very coarse~~ Centre section is red brown, showing sheared and rotated (healed) frags of the dyke.	ALT. M/S. chl porphyroblasts - med/lt green.							
178.87 – 181.00	Highly altered ANDS dyke, possibly cross cut by a RFP dyke. V. dk brownish-red to green, 180.30 – 180.70 bright green shear/ fault @ low angle (20°CA) through ANDS. - looks more RHYL 180.70 – 181.00 – v. altered ANDS.	ALT-S chl purple.	UC 60°CA LC ? fractured						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
181.00 – 202.10	RFP.; highly sheared and altered highly kaolin and bleached core. Upper 50cm w/ hem/lim altered sx? thin veins. 191.47 – 195.50 pinkish RFP. 201 – 207.10 flow banded RHYL.	ALT M/S. clay/seri alteration	LC broken, clay rich. @ ~181.10 bright yellow alt^{n} env. around v. thin dark vein. Flow banding – ~20°CA (variable.)						
202.10 – 207.80	QZMZ, sheared;	ALT – S.	LC ~45°CA Dark grey mylonitic sx(?) near LC. LC sheared against ANDS	09290 09291	200.86 – 202.10 202.10 – 202.80	1.24 0.70	10 40		
202.80 – 206.31	ANDS – variably altered, sheared (clour varies from olive to dark green.) olive shows chl porphs. 204.00 – 204.42 – QZMZ dyke. ~5cm.	ALT – S, M.	ANDS unit generally pyritic (no vis. ppy, but looks similar to other Au-bearing ANDS dykes.)	09292 09293 09294	202.80 – 204.42 204.42 – 205.44 205.44 – 206.31	1.62 1.02 0.87	10 5 1.14%		
206.31 – 207.06	QZMZ, sheared,	ALT – S.	"block breccia @ ~206.87, also near LoC.	09295	206.31 – 207.06	0.75	245		
207.06 – 210.17	RFP –	ALT – XAS. esp near UC.	UC faulted/sheared	09296	207.06 – 208.48	1.42	90		
210.17 – 210.57	ANDS, porphy, bleached.	ALT – S	LC. clay altered, strong shearing UC 30-35°CA LC ~40°CA (opposite direction)	09297 09298	208.48 – 210.17 210.17 – 210.57	1.69 0.40	30 50		

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
210.57- 221.85	QZMZ, sheared; brown weathering slightly pitted.	ALT - S/M v. strong prop. / strong arg (ser) incr clay. Yellow alt± assoc w/ sl/vnings & dk mylonite - As-oxide?	213.10 → ≥ incr. occurrence of dk grey sx mylonite in QZMZ., @213.93 QZ VN w/ py, poss Sb. 1.5cm/30°CA. @219.15 dk mylonitic ? grey sx, w/ yellow alt± mineral along	09299	210.57 - 212.15	1.58	25		
				9300	212.15 - 213.73	1.58	635		
				09301	213.73 - 214.58	0.85	525		
				09302	214.58 - 216.10	1.52	10		
				09303	216.10 - 217.63	1.53	5		
				09304	217.63 - 219.16	1.53	15		
221.85 - 247.56	RQFP (all sampled) Pale green to white, spherulitic w/ flow banding near upper contact 5-10% qz phenos, 5% fsp phenos	ALT - M Ser, wk clay?	(Logs: 219.16 - 220.68, sample B100154 2.16g/t Au) Flow banding v. low CA (~5°) Unit pyritic 1-2%, boxwork py ~230.60 internal brecciation of RQFP; dk grey infill material between rounded / milled RHYL matrix @233.43 dk grey fragmented rk (?) 237 - 237.35 narrow (<1mm) sx vnlt ll to CA ~1 up to 1cm alt± halo (brown) into wlr.; local tension gashes filled w/ qz / py 246.13 - 246.33 RHYL BX w/ infill by dk grey sx (?) matrix Very dark material from 246.25 - 246.33 @ 246.35 Flow banded RHYL ~50°CA. over 20cm.						
247.56 - 247.72	"Block breccia", dk matrix supported mylonite w/ RHYL frags, rounded - rolled; also qz frags, pyritic -	ALT - (?)	Shear zone contact between RQFP & QZMZ.						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
247.62 – 253.30.	QZMZ ; v. sheared.	ALT – S ; dom. seri wit, v. rare to absent matic (chl)	localized occurrence of mylonitic sx infill (dominantly py), esp @ 247.9-248.05; 248.3 – 248.5; 250.9 251.35 (last two are narrow ductile shears)						
253.3 – 253.6.	RHYL, flow banded, ~ 75°CA	ALT – S/X	may be one large mixed HLBX zone.						
253.6 – 254.05	HLBX, QZMZ + RHYL frags w/in dk (sx) matrix; mylonitic "Black breccia" – pyritic								
254.05 – 254.55	RHYL, flow banded								
254.55 – 255.73	QZMZ, v. sheared								
255.73 – 269.45	RHYL, v. sheared to brecciated (originally, probably ROFP)	ALT – S/X ; locally v. strong to complete sericitization	Local pressure solc sx veins – Breccia runs from 255.72 – 256.35 (approx)						
	256.35 – 260.70 relatively competent, less altered sheared RHYL/ROFP dyke.	ALT – M.							
	260.70 – 269.45 flow banded ROFP. 50°CA.		260.30 – 260.60 narrow sx veins w/ up to 1cm yellow alteration (oxidation halos (As-oxide?)						
269.45 – 273.60	"Black breccia" Dark grey mylonite shear zone, pyritic w/ RHYL/QZ frags. Generally matrix supported, frags rounded & milled.		Boundary shear between upper ROFP & QZMZ.						
273.60 – 279.91	QZMZ, sheared	ALT – S. 1m/1cm alteration on frac planes	Minor dk mylonitic stringers which make this core appear dark						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
265.91 – 271.76	RQFP, flow banded, through weak in areas away from contacts	ALT - M. 265.91 - 267.10 strong seri. (flow-banded zone)	uc Flow bandings 45°CA minor "stylolitic" veins - sx ? - these seem to orient variably but also preferentially along flow bands.	09305 09306 09307 09308	265.91 - 267.40 267.40 - 268.90 268.90 - 270.40 270.40 - 271.76	1.49 1.50 1.50 1.36	10 10 15 10		
271.76 – 277.76	ANDS ? DACT ?, bleached, wk grey; silicified	ALT M/S (?)							
277.76 – 288.60	QZMZ, sheared & (decrease w/ depth)	ALT M./S; seri, wk clay strong brown weathering (sfc ox) bleached 280.40 → incr bleaching, decr brown weathering (loss sur exposure?) ALT - S.	occasional dk grey sx ? along frac sfcs. 277 - 277.20 Fault zone. 278.40 - 278.50 Fault zone. 280.40 - 280.60 Fault zone 35-40°CA. @283.75 Shear zone 8cm wide 35-40°CA. @288.60 LC shear w/ silica injection, qz vn @ contact. @288.62 QZVN, w/ py; pods massive asp (int alt), 5-10mm wide / 50°CA						
288.60 – 296.35	ANDS dyke; bleached; porphyritic (hbl → chl) + seri (fsp) phenos; moderate qz-cb stockwork (tension gash fill)	ALT - M.; seri, chl, bleached	@ uc, qzvn; breccia intrusion down CA for 25cm - ANDS/QZ flag; pyritic	09309 09310 09311 09312 09313 09314 09315	287.10 - 288.60 288.60 - 289.26 289.26 - 290.78 290.78 - 292.30 292.30 - 293.83 293.83 - 294.97 294.97 - 296.35	1.50 0.66 1.52 1.52 1.53 1.14 1.38	25 50 15 10 15 15 10		
	292.53 - 292.96 · QZMZ - bleached; shear contacts	- ALT - M/S.							
	293.80 - 294.97 QZMZ, as above.	- ALT - M/S.	uc 50°CA. LC ~ 35°CA @293.34 1cb on frac sfc. uc. 40°CA, LC ~ 50°CA ANDS faulted @ LC for 10cm @ 50°CA.						
	294.97 - 296.35 Qz-cb stockwork stronger (in ANDS, main tension fill down CA w/ numerous sub-perpendicular offshoots								

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
296.35 – 311.20	QZMZ; mod shearing,	ALT-M; bleached, -appears silica flooded; -mod-strong Sr; -brown weathering sfcs	@297.10 narrow 4cm breccia zone, qz-fs frags (QZMZ source) w/in med-dk grey matrix 40°CA.	09316	296.35 - 297.85	1.50	30		
			@300.39 gouge, 5cm, "talcy"						
			304.45 narrow ANDS dyke - bleached -	09317	303.25 - 304.75	1.50	15		
			304.75 – 305.35 strong shear zone in QZMZ, ~15-70°CA; minor vn. py, poss trace aspy	09318	304.75 - 305.35	0.60	15		
			@306.40 chl/seri matrix mylonite in QZMZ, qz frags w/ minor Sx, poss tr. aspy?	09319	305.35 - 306.75	1.40	40		
311.20 – 312.20	HLBX - matrix supported, may be simply disaggregated QZMZ.	Seri-rich matrix w/ chl	Rare Sx (py)						
312.20 – 321.26	QZMZ, wk. shearing; gouge frac sfcs	ALT W/S.							
			LL QZMZ w/ black shear mylonite						
321.26 – 323.32	ROFP - pale green, rcl. abund, fine qz-cb tension gash infill vnlts. Flow banded locally	ALT-M; seri, mod clay.	UC sheared ~60°CA	09320	319.20 - 321.26	2.06	30		
			LC sheared over 15cm, clayey gouge; extends into QZMZ	09321	321.26 - 323.32	2.06	15		
323.32 – 324.18	QZMZ, sheared, (brown weathering)	ALT-M Silica flooded, due to 1cm qzvn down core axis	323.82 – 324.18 1cm QZ VN w/ py, parallel to CA; appears sheared into core at both ends. 	09322	323.32 - 324.18	0.86	75		
324.18 – 324.42	ANDS, purple, bleached	ALT-M	Minor Sx assoc w/ qz vnlts (py)	09323	324.18 - 324.42	0.24	15		

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
324.42 - 326.70	QZMZ; as before, bleached and sil flooded locally	ALT - M.	Trace diss py;	09324	324.42 - 326.70	2.28	20		
326.70 - 363.60	ROFP; Typical pale green to off white sheared.	ALT - W. @ uc ALT-X (seri)	uc sheared, v. green ~40°CA, w/ late qz vn (euhedral xtals)	09325	326.70 - 328.20	1.50	20		
		V. green seri core ALT - X ← assoc w/ shear zone	341.25 - 342.10 Shear zone ~35-40° CA						
	@ 344.60 10cm QZMZ (v. alt'd) frag. sheared into ROFP. (V. seri alt'n & silic)		347.20 → 347.9 qz vein, boxwork, massive, milky wht.						
		349.03 - 350.98 v. intense seri alt'n; follows core axis, may be assoc w/ alt'n halo of narrow hairline qz-cb vnlts (s)							
		~352.60 core becomes tan/pink. (frosier) until ~ 361.60 where it becomes green & flow-banded again; Fsp porphs larger. (up to 3mm)							
363.60 - 382.05	QZMZ - wk shearing	ALT - M/W. - seri, minor chl - v. wk clay (localized) - bleached	@ 365.60 High grade qz-SX vn (Historical sample B100196, 1.439/t Au, 490.2 g/t Ag), main vein is 2cm/30°CA, but abundant qz-SX leakage into wallrock; SX appear to be py, aspy, Sb. poss galena.	09326	363.60 - 365.50	1.90	40		
				B100196	365.50 - 366.20	0.70	1.439/t	490.2 g/t	← Historical
				09327	366.20 - 368.20	2.00	50		
				09328	368.20 - 370.03	1.83	30		
				09329	370.03 - 371.55	1.52	70		

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au ppb	Ag ppm.	Other
	QZMZ (cont'd)	Strong propylitic alt^{n} of QZMZ, wk seri.	Starting @ 371.55 to 382.05 widely spaced qz-sx vn stockwork zone; narrow qz-sx vns similar to previously described; generally 2cm or less, 35-60° CA. Typical sx of py, aspy, stib, gn (?), poss cpy. Veins show some sx leakage into wall rock.						
			Vns @ 371.55 (vnlt, alt^{n} zone)	09330	371.55 - 373.08	1.53	70		
			371.86 1cm/40° CA	09331	373.08 - 374.60	1.52	40		
			373.22 - wht qz, minor sx.						
			373.41 - wht qz, diffuse						
			373.51 - dk dtf zone						
			374.35 - narrow qz vn.	09332	374.60 - 376.12	1.52	15		
			376.65, - 1.5cm/35°, 30% sx.	09333	376.12 - 377.65	1.53	90	28	
			378.04 - 0.5cm/60°, 15% sx	09334	377.65 - 379.17	1.52	35		
			380.45 - 2.5cm/45°, 25% sx	09335	379.17 - 380.70	1.53	270		
				09336	380.70 - 382.05	1.35	215		
382.05 388.32	RFP - pale green, offwhite to pale pink. Variable fsp phenos 5-25%	ALT - W/M. ALT - S @ upper contact w/ buff green seri	Sheared UC., ~30°CA	09337	382.05 - 383.74	1.69	20		
388.32	END OF HOLE								

CME

Project name: SKUKUM
Project #: CP56C
D.D. Hole #: 96-29
(Zelog)

Length (m): 156.67
Grid: UTM NAD 83
Dip: -50
Azimuth: 180°
Core size: NQ

Contractor: CARON
Northing: 667 2831.345
Easting: 484 346.539
Collar Elev.: 925. Rc

Hole survey type:
Started:
Completed:
Logged by: TV
Date logged: 11/07/03

Depth	Dip	Azimuth

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0.00 - 2.01	CASING / NSO CORE								
2.01 - 33.22	QZMZ, med grained equigranular, pink + green when fresh; characteristic brown Sfc weathering of rock due to Sfc exposure, esp. where alt'd Minor ANDS/DIOR dykes; where fresh, v magnetic.	ALT - W; but locally altered from fresh to strong propylitic to wk argillic 5.36 - 9.76 ALT - W, fresh 9.76 - 10.85 ALT - M. 10.85 - 11.78 ALT - S; numerous narrow calcitic/Sx veins and qz vn fragS 11.78 - 13.41 ALT - M 13.41 - 17.90 ALT - W 17.90 - 20.10 ALT - M 20.10 - 21.10 ALT - M 21.10 - 23.50 ALT - W 23.50 - 29.88 ALT - W, propylitic 29.88 - 33.22 ALT - M. ~ 31.70 - 33.22 ALT - S/M	Py rare << 1%. Minor qz vning w/ alteration halos; -vns typically < 1cm 50-70°CA @ 5.96 qz vn; multi vnt 1cm / 80°CA. @ 11.33 calcitic/Sx vein 3cm / 80°CA w qz vn fragS. @ 30.23 qz vn; 1cm/ 80°CA w QZMZ incl. 15-70cm / 45°CA @ 30.53 HLEX 4cm / 45°CA, sharp contacts 31.70 - 33.22 mod shearing w/ several narrow calcitic/Sx veins; wk myl.						
33.22 - 35.95	ANDS, porphyritic; wk-mod qz-cb stwk	ALT - M/W, olive brown Sfc weathering, fresh is v. pale green grey - bleached Pervas sericitized w/ v. fine	Rare py << 1% as discrn patches.						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
35.95 - 37.98	QZMZ, wk shearing along CA	ALT-M, bleached wk ser/sil, strong propylitic; clay alt on fracs.	LLC, irreg. intrusive LC sheared w/ qz-ser cataclastic contact, pinches out, dk gray w/ qz frags; 10-15% py minerals, wk v. fn grained						
37.98 - 46.30	RQFP, (now marker); greenish brown matrix w/ ok grey-blue qz eyes up to 3mm, well-wkd to blown altn fsp phenos, minor xenos of hyalino'd QZMZ/ANDS, 20-30% phenos fsp laths appear to have wk preferred orientation (eg @ 42.50m, ~30°CA)	ALT-W	46.20-46.70 LC shear zone, strong shearing of RQFP, 1 cm. clay gouge						
46.30 - 47.40	QZMZ, mod shearing @47.72 narrow ANDS dyke(s), v. bleached, sulphy.	ALT-M/S, bleached ser/sil alt of fsp	46.94 - 47.12 shear/MALT, dk ser/sx matrix, v. crse sulp fsp/qz pheno, Yellow alt mineral assoc - pres As-ok.						
47.40 - 48.46	ANDS dyke, mod qz eb stkwk zone to be small tension gash infills < 2mm wide fairly random orientation.	ALT-M, bleached; phenos browning much w/ lighter green due to ser alt 47.38-47.93 ALT-W, hematitic ANDS, esp on fracs & veins							
48.46 - 54.36	QZMZ, wk shearing, increase dominance 52.00-54.36 sheared, alt'd	48.46-52.60 ALT-M 52.60-54.36 ALT-S	Py v rare <<1%						
			@LC shear contact w/ ANDS, ok grey sheared material						
54.36 - 55.05	ANDS, wk mod qz eb stkwk, Lpropy.	ALT-S, bleached, pyritic near contacts Mem-eb qz veins Bright green ser/chl phenos.	Py ~ 5% near LC.						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
55.05 - 55.87	QZMZ.	ALT-S, v. bleached, seri common.	@ 55.80 cutting shear 4mm/40°CA.						
55.87 - 57.31	ANDS, porphyritic	ALT. S v hematitic from 56.6 - 56.90	Overall py <1%, except near shears / LC, where it is 5-10% in stringers & coarser blebs						
		ALT-V 57.2 - 57.31; v bleached & pyritic	LC 50°CA, sheared.						
57.31 - 57.75 (incl. LC)	QZMZ; FLT-Z, v fragmented, v all'd unit sandwiched between ANDS & RQFP	ALT-K/S albite clay on fract.	57.60 - 57.75 v rubbly zone FLT-Z						
57.75 - 60.88	RQFP, fairly similar to previous RQFP, except fewer & grey smaller and less of them Flow banded @ LC, lighter tan colour. (Central Marker)	ALT-M @ LC v green sericitized zone (ALT-V) ~ 2-3cm wide	Flow banding near LC. 65-70°CA.						
60.88 - 61.89	ANDS, porph, sheared.	ALT-S, strongly bleached.	Py finely disem 1-2%.						
61.89 - 62.68	QZMZ, sheared	ALT-S., v. strongly bleached +/- qz flooded, seri - clay	Py rare <1% Mostly fract. towards LC (zone of weathering)						
62.68 - 62.94	ANDS, sheared.	ALT-S;	Py <1%						
62.94 - 68.71	RHYL, pale green to off white v fn grained 62.94 65.57, Flow banded, foliated RHYL 65.57 - 68.71 RQFP, same as previous (Central Marker)	ALT M/S; pale green seri musc; minor clay as fractures	@ LC, Fresh RHYL w/ chill & healing w/ dk grey material & fn-grained qz ?; LC is 55°CA, sheared Py disem, + vein + vuggy ~ 1% Flow banding ~ 60-70°CA						
68.71 - 76.77	MYLT/SHR-Z, original lith obscured but probable ANDS or RHYL, v faint evidence of planes (seri) typical of ANDS Extremely sheared & sulphidized	ALT-K; clay rich, v. fissile.	Strong shearing starting immediately @ LC of RQFP, dk grey SK-rich matrix w/ py + asky ~ 10-20%. Local bx'd qtz vnd 7030 - 7677 FLT-Z; clay only.						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
70.77 – 77.05	QZMZ, v. sheared, AH'd. Zones of dk mylonitic shear zones, but generally narrow and confined to under 10 cm. (Measurements here appear more due to rock contortion from sample splitting)	ALT-X/S. 70.77 – 71.33 ALT-X, clay, mylt 71.33 – 76.30 ALT-S, less clay, local mylt.	Py quite rare <<1%, ~1% in MYLT zones, but even still not prominent. Q74.20- qz flooding. 75.10-75.85 MYLT zone in QZMZ						
77.05 – 77.73	MYLT, strong dark fabric developed w/ QFMZ frags & augen; Fabric 60° CA	ALT-X	Rare visible py. Dk matrix appears greenish brown – primarily clay + seri						
77.73 – 86.46	RFP light tan brown RHYL matrix w/ legged, ghosted fsp phenos; Generally quite consistent & homogenous over interval	ALT-M; mid seri incr. LC, pale pink alt (hem?)	77.73 – 79.00 V. fract'd – FLT-Z. LC sheared, sil. rich, w/ minor SX						
86.46 – 105.91	QZMZ, sheared; qz-rich, local strong shears demarked by mylonitic black bands	ALT-S; v green, seri rich; incr. silica content - qz flooding C 87.96 qz-rich zone ~ 10cm 93.73-93.85 qz-flood zone. 94.40-95.51 AH change where argy rich; rock less green, more white due to qz flooding; fsp still v. seri rich.	UC ~ 10cm v. green seri alt, highly sheared w/ clay/gouge 30° CA. Py ~ 1-3%; finely disem in QFMZ, zones to occupy grain boundaries 94.40 – 95.51 Argy rich zone, 5-10% acic argy; needles to 2mm long; also v. fn disem along grain boundaries 101.50-107.30 5-10% fn ground py + argy (27.50 g/t Au)						
	104.42 – 104.64 ANDS dyke; bleached, ALT-M 5% py.								
	105.58 – 105.68 ANDS, sulphidized, 15-20% SX, py + argy.								

96-29

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
105.91 - 108.60	ANDS, sulphidized to porphyritic	ALT - S/X							
	105.91 - 106.90 Sulphidized ANDS,		105.91 - 106.60 High sx content 25-30% py; disp. v. fine grained dissem; narrow qz vnlts occur w/ coarse dissem sx along margins						
	106.90 - 108.60 Purple ANDS, more typical Alt'd unit, less sx	ALT-Y, bright green ser/ phengs/ matrix & bleached, wk-mod qz-ct stkwk.	106.60 - 108.60 less sx; ≤ 5%, primarily dissem py						
108.60 - 110.20	QZMZ; v. sheared; texture becoming obscured due to alt'n & shearing -	ALT-X.	Py 1-3%						
	Grades into ANDS, but alt'n obscures change over; estimated to occur @ approx 109.50m.								
	Numerous ANDS xenos in QZMZ, generally sx occurs w/in these.								
	109.75 - 110.00 ANDS (xeno?) ——→	ALT-Y ——→	Py 3-5% dissem, pass alty but v rare.						
110.20 - 110.50	ANDS, porphyritic	ALT-Y; clay. ser/.	Rare py.						
110.50 - 111.10	QZMZ.	ALT-X, & bleached.							
111.10 - 112.37	ANDS, as previous	ALT-X.							
112.37 - 113.60	QZMZ,	ALT-Y.							
113.60 - 115.05	ANDS, as previous.	ALT-X.							
115.05 - 120.36	QZMZ, sheared	ALT-X; texture obliterated; & fissil; no mafic content, lower qz stockwk	Rare py <<1%						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
120.30 - 121.90	ANDS; typical porph unit, mod wk qz-cb stwk	ALT - S; seri phens not as bright green as in previous ANDS unit	Py 1-2%, dissem.						
121.90 - 125.79	QZMZ, sheared, bleached,	ALT S/X, v. bleached and seri-rich, where fract'd, infilled w/ cb-qz material	Stearing @ fairly low angle to CA (dominant fracturing) local higher angle slip planes, with clay gouge						
125.79 - 127.39	ANDS, mod qz-cb stwk	ALT - S	Sy 2-5%, increase towards LC where @ contact py + aspy veinlets? or dissem concentrated along contact between ANDS & QZMZ (main sx over ≤1cm)						
127.39 - 128.50	QZMZ; sheared	ALT - Y; bleached.	Py + 5%, assay locally up to 10%						
128.50 - 132.15	ANDS, sheared, strong qz-cb stwk	ALT - X.	@ 128.35 aspy 0.15% in QZMZ dissem along grain boundaries Py 2-3%						
	129.23 - 129.40 QZMZ & qz vns 45deg, near uc.		@ 129.75 qz vns a 5mm w/ incr sx in immediate w/r						
	129.80 - 130.07 QZMZ.								
	131.05 - 132.15 QZMZ/ANDS, quite intermixed, narrow zones of each unit ANDS is highly sulphidized, esp @ 132.10	Qz loading a vning ~ 132.50	132.00 - 132.15 aspy fy 25% in ANDS						
132.15 - 133.30	QZMZ, sheared.	ALT - Y							
133.30 - 133.60	ANDS, sulphidized, v. dk grey & porphyritic	ALT - X	Dark grey-blue qz-sx veins w/in ANDS						
133.60 - 134.68	STKR - Z; dominantly QZMZ w/ MAFIC XENOS	ALT - Y	Py 2-5% occurs as dissem & as diss aggs w/ qz						

96-79

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
134.68 - 147.89	QZMZ; cut shearing.	ALT-X, decreasing to S by end of interval. Strong bleaching; sericite clay	Py 1-3%, f. fine dissem, esp on frac sfcs.						
			@139.40 qz vn, mass whit, 2cm						
			139.40 - 139.90, poss FLT-Z., v. broken core, clay-rich frac sfcs.						
			147.15 - 142.65, general area of narrow anastomosing qz vnlts/qz. stockwork.						
		149.25 - 147.89 ALT-S; still strong ser; though continuing to decrease down hole.	@143.25 narrow qz vnlt w/ aound dissem Sx in w/r; vn is 5mm/60°CA	07388	143.59 - 144.79				
147.89 - 149.05	ANDS, porphyritic; locally sheared w intermixed QZMZ	ALT-S, bleached		07389	144.79 - 146.19				
			@146.26 qz-Sx vnlts, sulphidized ANDS w/r. over 5-10cm of vnlt - fracstg 5-25%.	07390	146.19 - 147.89				
	148.62-148.74 QZMZ.			07391	148.62 - 150.00				
149.05 - 149.65	QZMZ, sheared.	ALT-S.	Minor cataclastic dark shear near LC						
149.65 - 151.58	ANDS; porphyritic.	ALT. S, bleached;	Py < 1%						
	150.00-150.10 QZMZ.								
151.58 - 153.00	QZMZ,	ALT-M, propylitic, poss K-spar @ UC. or here							
	151.86-151.99 ANDS, 7cm/30°CA.								

96-29

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
153.00 - 153.71	ANDS, med green grey, homogeneous, wk qz eb alt'n	ALT-M							
153.71 - 154.27	QFMF	ALT-M							
154.27 - 154.66	ANDS; as previous	ALT-W; except fract contacts where bleached	UC/LC 30°CA, trace py.						
154.66 - 156.67	QFMF	ALT-M/W; generally propylitic.							
156.67	END OF HOLE.								

CME

G 96-30

Project name: SKUKUM
Project #: CP56C
D.D. Hole #: 96-30

Length (m): 176.78
Grid: UTM NAD 83
Dip: -59
Azimuth: 180
Core size: NQ

Contractor:
Northing: 6672831.345
Easting: 484 346.589
Collar Elev.: 925.

Hole survey type:
Started:
Completed:
Re-**Logged by:** TN
Date logged: 11/06/03

Depth	Dip	Azimuth

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0.00 - 1.52	NO CORE / CASING								
1.52 - 46.99	QZMZ; med grained equigranular, unoxidized fresh + l. magnetic; plag > feldsp, minor alt'n generally brown matrix interstitial, minor ANDESINE.	ALT - W/N; variable; not properly above our previous generalized rock units	V. rare discrete v.; (rock?)						
			@ 6.4: mass wkly qz vn 1cm/60°CA w/ argillic (ser) alt'n halo.						
			@ 11.80 mass wkly qz vn 3cm/80°CA w/ dk grey sheeted upper selv; possibly alt'd host						
	@16.60 - v.l. xenos		14.95 - 15.77 low mag. brown zone, above grades into fine grained QZMZ						
			@ 18.28 qz vn 1cm/80°CA w/ minor offset,						
		19.30 - ALT - W, not properly so, local argillic around qz v's	@ 20.21 qz vn 1cm/70°CA						
	28.32 - 28.57 Dike xenol?, fn-grained, grey, chilled, similar looking to QZMZ otherwise granitic	27.98 - 27.65 ALT - N							
		30.30 - 31.40 ALT - N							
	36.35 - wk mod sheeted QZMZ 45.95	38.35 → ALT - M, above semi alteration fronts	@ 38.35 qz vn/stkwk plane 45°CA, given ~ 3mm, dk grey smeary/synge	07367	35.35 - 37.82	1.47			
			39.82 - 39.92 bx'd, sheeted & qz vn w/ SX. SX = v fn grained grey - dispy? snlz?; also bright yellow orange alt'n mineral (As. ox?); dark calcitic mineralization lower side of vn fronts.	07368	37.82 - 40.14	0.32			
				07369	40.14 - 41.50	1.36			
				07370	41.50 - 43.00	1.50			
				07371	43.00 - 44.50	1.50			
				07372	44.50 - 45.70	1.20			

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	(QEMZ, runt b)		~40:40 3-5% disem py.						
			@42.52 qz vn/flood, discontinuous ~ 5.5mm, v.fg grained qz w/ minor asscc py.						
			@44.45 narrow cataclastic shear stringers						
			@44.94 cataclastic shear 3mm/50°CA.						
			46.34-46.34 sheared qz-sx vn, 10% py, probable Gdpy	07373	45.70 - 46.44	0.74			
			Sheared contact w/ ROFP below						
46.44-62.93	ROFP, prominent ≤4mm qz eyes in white/off white fsp phenos, in v light tan matrix.	ALT-W/M; pale greenish on fresh sfc due to seri, rare sfc is brown weathered due to sfc exposure	Py absent.						
	Triangular shaped pale green xenos throughout - highly altd QZMZ/ANDS frags consumed by ROFP	Clay alt on fract sfcs	UC sheared 30°CA.						
		Minor cb-qz vn/vnlts.							
	57.52-57.82 QZMZ xeno, highly altd, sheared contacts, ALT-X.								
62.93-63.69	ANDS sheared UC, ↳porphyritic	ALT-S/M; v. brown sfc weathering, sheared w/ clay fract	Py ~1%, rare 5% @ LC.						
63.69-66.39	QZMZ, sheared	ALT-S; seri	@64.00 main shear plane; cataclastic 1cm/75°CA						
66.39-67.10	ANDS; as previous, broken + blocky w/ qz-cb stwk.	ALT-S; bleached; sericitized phenos	Py 1-7%; assoc w/ a few qz-cpy's.						
			LC 30°CA., crmp						
67.10-70.47	QZMZ, locally sheared.	ALT-S, bleached, seri rich	Rare py; seri py stringers. <1%						
			@LC, sheared again at ROFP contact disaggregate 35°CA.						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
70.47 - 91.80	ROFP, (central master) Flow banded near UC; OE exhibits flow phases generally smaller than previous ROFP; alteration appears more intense	ALT-S/M.; Ser; bleached, minor clay on fracs	@UC 35°CA Flow banding hematitic red., parallel to contact angle Very rare py. @LC dk grey serl/clay alt°.						
91.80 - 94.34	QEMZ, sheared, zones w/ dk serl/clay mylonitic/cataclastic shearing.	ALT-S; dominantly Ser, green, on fracs throughout unit, minor clay on frac surfs.	UC sheared,						
		87.60 - 88.20 v. sheared QEMZ (ALT-S); v. Ser; low dk MYLT/ cataclastic.	81.80 - 87.60 v. sheared, almost MYLT, - abund dk serl/clay + 5% - 1-3% py.	07374 07375 07376 07377 07378	81.80 - 83.30 83.30 - 84.10 84.80 - 86.30 86.30 - 87.80 87.80 - 89.20	1.50 1.50 1.50 1.50 1.40			
		88.40 - ALT-Y; v Ser/fuchs clay strongly sheared	@88.40 - shearing w/ dk cataclastic @88.55 - v. foliated/qz rich zone py ~ 2-3%, ~ 5% diss cm. @89.68 cataclastic						
			89.20 - 89.66 SHR-Z; MYLT/QEMZ, almost ⊥ to CA; trace vein qtz.	07379	89.20 - 89.66	0.46			
				07380	89.66 - 91.24	1.58			
94.34 - 94.86	MYLT, dk grey brown fg groundm matrix w/ recrystallized QEMZ frags/augen, strong shear fabric developed ~35°CA	ALT-X							
	94.86 - 96.01 NO CORE LEFT IN BOX								
	96.01 - 96.06 MYLT.								
	96.06 - 96.10 ANDS frag.								
	96.10 - 96.13 QEMZ, sheared.								
	96.13 - 97.10 NO CORE IN BOX								
97.10 - 98.30	QEMZ, sheared.	ALT-S,							
			LC, sheared, fracs broken,						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
99.30 - 111.14	RFP; fsp phenos to 5mm, gnarled, ragged to subeduel. Fairly competent, numerous, unhealed cracks from contacts.	ALT - S/M; greenish hue due to seri alt'n	UC sheared and broken.						
	Minor cb-qz veins.								
		110.72 - 111.14 ALT - V, seri, silicified between dark chloritic rich sheets	110.72 - 111.14 strong shear/alteration zone; v. green @ 110.72 shear plane 35°CA @ 111.14 seri/clay shear plane 30°CA v. soft.						
111.14 - 122.35	OZM?, v sheared, alt'd. Minor dk grey mylonitic shear bands.	ALT - V	Py ~ 2-5%; aspy increases to up to 2%, v. finely disseminated	07381	111.14 - 112.78	1.64			
	112.86 - 113.73 v. qz rich zone, highly fract'd to mildly brecciated. Assoc dk/chloritic grey SX (<1%) pass aspy.	115.09 - 119.19, ALT - V, bleached, pervasive seri, increased qz of SX	@ 112.84 Gouge 4cm, forms boundary of qz-rich zone. 115.09 - 119.19 aspy common, v. finely disseminated along grain boundaries in OZM2	07382	113.78 - 114.30	1.52			
		119.19 → ALTS, more tigered, greenish seri common, less SX (esp aspy) although py veins still common	@ 119.40 calcite/cb						
			@ 120.55 qz filled ~ OZM2 frag w/ 50% disseminated aspy along grain boundaries						
122.35 - 122.64	AnDS, porphyritic, mod-strong fine matrix stewn of qz eb	ALT - V, v. bleached, pervasive seri/clay.							
122.64 - 141.70	OZM2, mod-wk shearing, cm (core in box 23 v decomposed due to sfc exposure).	ALT - S; seri.	Py rare < 1%, though can be absent on fracs; pass stockwork disseminated along some fracs.						
	(Note: historical sample appears taken from 134.22 - 137.46, but not in BZ or Inc. — resampled 2003.)	@ 123.40 qz flooding		07383	134.22 - 135.64	1.42			
				07384	135.64 - 137.16	1.52			
				07385	137.16 - 138.68	1.52			
				07386	138.68 - 140.21	1.53			
			@ 141.65 qz SX vn, rusty wht w/ SX on sfc.	07387	140.21 - 141.46	1.25			

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
141.70 - 141.96	ANDS, sulphidized w/ aspy needles + py.	ALT - S	Aspy ~ 5%, prominent, several mm long aspy needles, w/ fine dissem py (10%)						
141.96 - 150.45	QZMP, preserved Occasional supergene ANDS xenos (aspy+py) py @ 142.40, and @ 143.70	ALT - X; common clay alt^n throughout QZMP, common ser;	@ 145.75 gurgy clay altered QZMP. Aspy/py 3-5%, locally up to 10% in QZMP. ~148 mm > / 90 ° common dissem Sx altered w/ narrow halos and limited around grain boundaries.						
150.45 - 150.65	ANDS, as similar to previous w/ trace aspy, as patchy dissem py. (<5%)	ALT - S, bleached.							
150.65 - 154.93	QZMP,	ALT - S, bleached, ser, py flooding locally, X - clay alt^n on fracs. 157.25 - 157.70 qz-carb vein	Py 10%, dissem cubes						
154.25 - 154.70	ANDS, [illegible]	ALT - S, bleached, planar qz/carb stringers, ser selectively	Py 3-5%, dissem + [illegible] Sx aggr's						
154.93 - 158.53	QZMP,	ALT - S/X, v bleached, clay alt^n on fracs	Py 2-3%, up to 5% over short intervals (≤ 10 cm)						
	158.20 - 158.40 ANDS; narrow dk grey planar, probable Sx melée (grey bxc)								
158.53 - 159.43	ANDS, porphyritic	ALT - S; v bleached	LC stockwk; quartz-carb veining, SSPCA						

96-30

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
159.43 - 160.24	QZMZ	ALT - S, seri.							
160.24 - 166.77	ANDS, porphyritic; med green, w/ dk green phenos. (non-serichized); wk qz-ch stkwk vning.	ALT - M/W Incr hem alt throughout, and esp. on frac sfcs.	Rare py <1%						
166.77 - 169.16	QZMZ	ALT - M.	@ 166.91 Narrow ANDS stringer w/ non alt & dk brown patch w/ fine dissem py + seri + clay. 1cm x 2cm. Py rare to absent						
169.16 - 169.70.	ANDS; wk qz-ch stkwk.	ALT - M.							
169.70 - 176.78	QZMZ.	ALT - M/W propylitic 171.45 - 171.85 qz-flooding; tension gash infill w/ K-spar alt'n halo; Some chl w/in unit wall qz							
	@ 173.24 ANDS dyke - ALT - S, very steeply 4cm/25°CA.	~172.60 - 175.93 ALT - S; seri.							
	174.76 - 174.58 ANDS dyke; ALT - S.								
	175.08 - 175.41 ANDS dyke; ALT - M								
	@ 175.54 ANDS dykelet 2cm/30°CA								
176.78	END OF HOLE.								

CME

REPROCESS LOG

G97-31

Project name: SKUKUM
Project #: PS6D
D.D. Hole #: G97-31

Length (m): 136.86
Grid: UTM NAD 83
Dip: -31°
Azimuth: 180
Core size: NQ

Contractor:
Northing: 6672831.345
Easting: 484346.539
Collar Elev.: 925

Hole survey type:
Started:
Completed:
Logged by: BCW
Date logged:

Depth	Dip	Azimuth

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0-2.4	QZMZ ALT-M MS PF to MS. KF to MS partial weakly K KF. mafics to cl plus minor HE. D. MG present	MS-M	TR PY						
2.4-3.5	FLT z. multiple slip planes brittle & ductile 60° ca. freq hairlines // w HE stain.								
3.5-6.53	QZMZ ALT M MG present	MS-M							
6.53-7.1	QZMZ ALT-M first bleached interval. mafics loss QZ + PY additive. 3 QZ VLT at 1cm plus ENV silicification. MG absent.								
7.1-11.45	QZMZ ALT-M MG present, mafics present	MS-M							
11.45-23.5	QZMZ ALT-M MS, KF PF to MS. KF partial.	MS-M							

24.95

G97-31

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	Mafics ghosted w HE-D at sites. PY-N, MG-N	MS-M	PY-N						
23.5 – 23.65	SHR. OK MS bands w QZVLT. PY assoc	MS-H.	PY-1%						
23.65 – 24.75	QZMZ ALT-H PF to MS. KF to MS. mafics gone. HE after mafics grac. TR PY MG absent. Silicific-ation intermittent. Bleached.	MS-H. QZ	PY-L						
24.75 – 24.95	SHR. MS seams in ALT-X w core 2cm G, milled RX. PY-3%	MS-X	PY 3%.						
24.95 – 27.74	QZMZ ALT MS.-M PF to MS. KF largely mafics ghosted w HE-D remaining. Bleached. Infrq slip surfaces both MS & Cy lined.	MS-H.	PY-N.						
27.74 – 38.56	QFPP ALT-L groundmass to MS-L QZ eyes rd, KF rd. K	MS-L							

44.09

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From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	Pale GRN GY. PY-N MG absent. TOP CNT SHR QZMZ. BTM CNT 3cm G, milled RX.								
38.5 - 39.32	ANDS PPRY ALT-H. PF K to MS. Groundmass to MS. PY-D-L. Dull GRN LT GY.	MS-H.	PY-L						
39.32 - 43.8	QZMZ ALT-H. MS, QZ PF to MS. HF to MS w silica overprint. Matics gone. some HE-D remain) at sites. MS fabric planes Freq, thin.	MS-H. silicification. HE	PY-N.						
43.8 - 44.09	SHR MS bands broken core silicification. PY-N.	MS-X	PY-N						
44.09 45.44	QZMZ ALT-H MS spars to MS. matics gone remnant HE-D remnants. shearing reflected by MS seams both LT & DK. PY-rare	MS-H.	PY-rare						
45.44 - 45.49	FLT 50° ca CNT. Cly, G and milled QZMZ	MS-H. CY-H.							

G97-31

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
45.49 – 48.86	QFPP ALT - M. MS KF K to MS. groundmass to MS. PY rare. Flow banded. FLT/SHR CNTS.	MS - H.	PY - L						
48.86 – 49.64	QZMZ ALT - M MS anastomizing SHR - MS planes.	MS - H.	PY - L						
49.64 – 53.6	QFPP ALT - M. MS Groundmass to MS. K KF fresh. QZ eyes. Pale GY w GRN pigment. PY TR, SB TR - D	MS - M	PY - TR SB - TR						
53.6 – 53.8	MYLN banded 50° ca MS-X Py - L. BLK bands MS w QZMZ ALT.	MS - X.		9990	51.51 - 53.6	2.09	5		
53.8 – 54.64	SHR QZMS ALT - X Apple GRN MS bands seams, silicified port. MS	MS - X Qz	PY - L.						
54.65 – 62.9	MYLN ZONE. ALT - X is sampled rubble sand in bdx. BLK pyritic MS bands mix w QZMZ ALT - X. some QZMZ pyritic	MS - X	PY - L.						

G97-31

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
62.9 - 69.33	QFPP ALT-L. Pale GRN. KF K rhombs some +o MS. PY-N. fresh.	MS-L							
69.33 - 70.21	SHR. BLK MYLN w QZMZ ALT-X. The latter w BLK MS clots. Top 0.09m G, milled Rx. PY-L, proximal BLK MYLN.		PY-L						
70.21 - 71.65	SHR ALT-X. GRN MS bands anastomizing planes. PF & KF gone to MS. Deformation Plastic. Sutures silica overprint near complete. FRCL Slip plane density M. 30, 40, 80° ca dominant.	MS-X QZ CTS-L	PY-N	9991	70.2 - 71.34	1.14	5		
				9992	71.34 - 72.86	1.52	5		
				9993	72.86 - 74.79	1.93	5		
				9994	74.79 - 77.0	2.21	5		
71.65 - 77.56	QZMZ ALT-X. MS Pale GRN. PF, KF +o MS. sheared MS planes 30, 40, 80° ca. Some tight another 5cm. Bleached. Local Silicification.	MS-X	PY-N	9995	77.0 - 77.88	0.88	5		
77.56 - 77.88	FELS ALT-X KF after QZMZ incipient FELS after thru KF ALT + Silica.	KF-Y QZ	PY-L						

G 97-31.

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
77.88 - 89.63	QZMZ ALT - X MS, QZ PF $ KF to MS. mafics gone. HE gone; Py in more silicified sections 2% II dusting to spars & xtl edges yields LT BRN. w appearance to less silica areas.	MS - X Silicification.	Py < 2%.	9996 9997	77.88 - 80.0 80.0 - 82.0	2.12 2.0	5 30		
89.63 - 89.93	ANPP ALT - H. PF K to MS. Groundmass, to MS. Py - N. FRC density - H. sub // and acute tensional. QZ fill & EW QZ	MS - H. QZ	Py - N						
89.63 91.16	QZMZ ALT - H. PF $ KF to MS. mafics gone. TR HE-D. QZ flood variable. FRC density - H. sub // and 60°ca. MS marks most.	MS - H. QZ	Py - L						
91.16 - 91.5	ANPF. ALT - H. PF K to MS. Groundmass to MS. FRC density H. Sub // and acute. Tension gashes, QZ fill.	MS - H	Py - N						

91 82.

CME

G97-31

Hole No.: _____

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
91.5 – 95.33	QZMZ ALT – H. PF & KF to MS. mafics gone. HE · D trace. PY-D-L Qz flood variable. FRC density – M. marked by MS seams, silicification. Bleached.	MS – H. QZ	PY – 1.	9998	91.16 – 93.03	1.87	10		
				9999	93.03 – 95.33	2.3	40		
95.33 – 95.73	ANDS ALT – H. Few PF to MS K. Groundmass to MS. PY 5%. FRC density – M Qz fill diffuse – silicification ENV poorly developed.	MS – H.	PY – 5%	10000	95.33 – 96.9	1.57	310		
95.73 – 96.78	QZMZ – ALT – H Feldspars to MS. SWR planes marked by MS seams, silicification ENV, strongest at BTM CNT Qz VLT X1 at 7 m.m. PY & AS needles assoc PY throughout D. 2%. Bleached. LT GRN Wappear.	MS – H. QZ	PY – 2%						
96.78 – 96.9	ANDS ALT – H. MS to few K DF & groundmass weak fabric defined by MS plates. BTM CNT 65° MYLN ANDS.	MS – H	PY TR.	8224	96.9 – 97.64	0.74	5		
96.9 – 97.64	QZMZ. ALT – X sheared MS seams freq. Mafics gone. Spars to MS Silified varying. PY 1%.	MS – X QZ – X.	PY 1%.						

CME

G97-31

Hole No.: _____

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
97.64 – 97.9	ANDS ALT-H ✓ few K to MS matrix to MS. Dull mid GY-GRN. PY-N FRC density – L.	MS – H	PY-N						
97.9. 98.84	QZMZ ALT – H. Bleached. LT BRN W appearance from LI dust on spars E at xtl edges. Mafics ghosted. HE-N. FRC density – M. marked by weak ironizing MS seams PY-L.	MS-H. QZ	PY-L						
98.84 – 99.0	ANDS ALT-M. MS FRC density-M. Tensional gashes. QZ filled. PY-N	MS-H	PY-N						
99.0 – 99.9	QZMZ ALT – H. Bleached. Spars to MS. Mafics gone. LT BRN W appearance from LI dust at xtl edges & on spars. silicification variable. PY-L	MS – H QZ	PY-L						
99.9 – 100.6	ANDS ALT – H. few PF K. all to MS matrix to MS. FRC density -H. Tensional gashes all w diffuse edges – silicification	MS-H.							

CME

G97-31

Hole No.: _____

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
100.6 – 104.24	QZMZ ALT – H. Bleached, sheared. shearing marked by anastomizing MS seams, planes. spars to MS mafics gone. Variable silicification up to complete Py – 1%	MS – H. QZ – H	Py – 1%	8825	100.3-102.5	2.2	5		
				8826	102.5 – 104.39	1.89.	5		
104.24 – 104.39.	RHYL ALT – M Beige color. Feldspars ghosts float in matrix Py – 1% D. Freq hairline QZ seams. MS band marks shearing	MS – M	Py – 1%.						
104.39 – 105.4	QZMZ ALT – H. MS-H. Feldspars to MS. mafics ghosted. HE-N Py – L occurs primarily at TOP & BTM. Silicification throuout – lensoidal.	MS – H. QZ	Py – L						
105.4 – 105.6	RHYL ALT – M Beige color. Feldspar ghosts, float in matrix. QZ VLTS and hairlines freq. MS in slipage planes. Py-2% D	MS – M QZ	Py 2%.						
105.6 – 106.9	RLBX ALT – H. Beige color block: rd in same RHYL matrix w ghosted. eroded feldspar xtls. Whole is partially silicified	QZ – I-I MS – H.	Py – L						

G97-31.

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	MS seams anastomizing freq mark shearing. QZ filled FRC w/ diffuse edges. Silica overprinting MS ALT. PY-L.			8227	104.39–106.0	1.61	95		
				8228	106.0 – 108.0	2.0	25		
104.9 – 111.57	RLPP ALT-H. ✓ LT GY w GRN where MS is prevalent. Shear planes freq 35° CA marked by MS seams. BRXX block floating. 107.75m some intervals. QZ VLT replaces MS seam & carries SB. MS seam Volume increase DWN. PY 1%-D. LI flecks	MS – H. QZ.	PY 1% SB-TR	8229	108.0 – 110.0	2.0	100		
				8230	110.0 – 112.0	2.0	20		
111.57 – 111.61	ANDS ALT-H MS weak PORY vfg PY – 1%?	MS-H	PY 1%.						
111.61 – 112.65	RLPP ALT-H LT greenish GY. Freq shearing marked by MS seams. PY 1%-D.	MS-H.	PY 1%.						
112.65 – 112.88	ANDS ALT-H MS gash Filled by QZ. PY-L.	MS-H.	PY-L						

CME

G97-31

Hole No.: _____

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
112.88 – 113.97	RHYL ALT – H Broken core w freq MS Shear bands. PY-L some milled RX. 5cm ANDS DYK.	MS-H	PY-L.						
113.97 – 114.13	ANDS ALT – H. PY-L	MS-H.	PY-L.	8231	112.0 – 114.02	2.02	10		
114.13 – 115.08	RHYL ALT – H. MS Freq MS seams, bands. Broken core PY – 1%	MS-H.	PY-1%.						
115.08 – 115.39	MYLN ALT – X MS. Grades RHYL, damaged L and BLK MYLN bands G and some silicification Proximal. PY – 2% higher in BLK bands.	MS-X CY QZ	PY 2%.	8232	114.02 – 115.08	1.06	5		Au 5.1 g/t
				8233	115.08 – 115.39	0.31	71000		1.36 g/t
115.39 – 119.17	QZMZ ALT – X silica overprint on earlier MS ALT. FRQ density – H. MS ALT. FRQ density – 5/5cm marked by MS bands, QZ ANDS DYK diffuse QZ VLTS w PY, milled RX Features weaken slightly toward BTM. PY 0 – 10% TR AS at BTM.	QZ – X MS	PY – 1.5%.	8234	115.39 – 116.06	0.67	71000		
				8235	116.06 – 118.0	1.96	630		
				8236	118.0 – 120.12	2.12	71000		3.03 g/t
119.17 – 119.37	MLYN ALT – Y BLK MS bands, pyritic	MS – X QZ CY	PY – L						

G97-31

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	Qz gash fill. MS ALT to Qzmz – X PY-L								
119.37 126.86	QZMZ. ALT – M variable altered ranging to weak w mafics & MG present, moderately altered some tendency to be FRC ENV. most has LT BRN W appearance with LI dust x+/s and x+/edges. PY-L Bleached	MS-M	PY-L.						
126.86 127.0	ANPF. ALT - M PF K to MS. groundmass to MS. PY-L Dull pale GRN	MS-M	PY-L						
127.0 – 127.39	QZMZ ALT – M Bleached. PF to MS, KF Partial. mafics gone. PY-L.	MS-M	PY-L						
127.39 – 127.58	ANDS ALT - M. Pale dull Green. PF to groundmass. gone to MS, also FRC density - H. Showing at Top CNT, BTM CNT. Silicification of QZMZ also at BTM CNT.	MS-M							
127.58 127.6	FLT 80° ca; millerick and CY.	CY-X							

G97-31

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
127.6-128.22	QZMZ ALT-M PF gone to MS, KF partial Mafic gone to ghosted. HE-D after mafics. LT dusting to Spars yield LT BRN w appearance. PY-L. FRC density-M. 2mm QZ VLT. X2	MS-M.	PY-L	8237	120.12-121.65	1.53	71000		Au 1.04 g/t
128.22-128.4	ANDS. ALT-M MS DK GRN GY. weakly porphyritic PF. FRC density-L upper CNT altered to pale GRN GY. bleaching	MS-M.							
128.4-129.6	QZMZ ALT-M PF gone to MS, KF partial. spotty mafics present. HE-D. PY rare	MS-M	PY rare.						
129.6-131.2	ANPP ALT-L MS DK GY w hematite red pigment. PF to MS K. FRC density-M. filled w QZ. All have bleach ENV some well developed PY-N	MS-L	PY-N						
131.2-131.8	QZMZ ALT-M PF gone to MS. KF partial mafics to Ch. Cb partial destroyed yielding abundant	MS-M	PY-N						

G 97-31

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	HE-D. Pinkish KF and LI dusting on spars yields orangy w appearance. Bleached								
131.8 – 133.1	ANDS ALT-M weakly porphyritic. PF gone to MS. DK GY w GRN hint. Bleached at TOP CNT, ENV around QZ filled FRC. PY-N.	MS-M.	PY-N						
133.1 – 133.77	QZMZ ALT-M incl 5cm ANDS DYK Bleached.	MS-M	PY-N						
133.7 – 134.03	ANDS ALT-M DK GY w greenish hint	MS-M	PY-N						
134.03 – 136.89	QZMZ ALT-W matics present except in bleach ENV about FRC & QZ filled FRC. MG present. PY-N PF gone to MS, KF stable pink. HF K	MS-W.	PY-N						
136.89	T.D.								

97-333

CME

Project name: SKUKUM
Project #: P560
D.D. Hole #: 97-333 (Reino)

Length (m): 202.35
Grid: UTM NAD 83
Dip: -49
Azimuth: 142
Core size: NQ

Contractor: CAGON
Northing: 6672831.345
Easting: 484 346.539
Collar Elev.: 925.

Hole survey type:
Started:
Completed:
Re **Logged by:** TV
Date logged: 1/09/03

Depth	Dip	Azimuth

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0.00 - 1.22	CASING								
0.22 - 5.194	QFMZ, medium grained equigranular, pink & green where light, strong wk foliation [illegible] 5° TCA, MA, [illegible] intensely sheared [illegible] minor veins Intrusion of QFP dyke, variably wk foliation, gradational w/ SA	AL - moderate [illegible] fracture - [illegible] zone of QFMZ cut by, abt 5% of which QZ-CB vns, [illegible] weak wk [illegible] moderate - [illegible] 5cm apart in some [illegible], [illegible] common wk [illegible] 1.22 - 11.71 ALT-WK, [illegible] intensity QZ-CB veins wk MAS augite and matrix	@ 6.29 QZ-CB vnlt 1cm/70°CA 7.00-8.00 QZ-CB veins in FW vns, orientation 11 to CA @ 11.31 QZ-SX vn, thin vn wk [illegible] 2mm/80°CA, no wk ctr. @ 14.92 QZ-CB vnlt wk boudin, 8 mm, gradational [illegible] 2mm/80°CA vnlt. @ 16.52 QZ vn + CB 1cm/55°CA @ 17.50 QZ-CB vn [illegible] 8mm/85°CA @ 19.9 QZ-CB ± SX vnlt, in [illegible] 5mm/85°CA mass wk QZ CB vn 2cm/85°CA QZ SX vnlt above in 5mm/80°CA, separated by thin [illegible] 21.05 [illegible] QZ-CB veins						
26.41 - 26.89	MONZ, fine grained QFMZ, sim to rest of [illegible] characteristics as main intrusive	25.29 - 30.36 ALT-WK SHX [illegible] [illegible] wk [illegible] 5mm/80°CA wk [illegible]	@ 25.59 QZ CB vn 10cm/90°CA wk [illegible] NAD @ 27.06 QZ-CB vn [illegible] 5mm/80°CA @ 28.00 QZ-CB vnlt [illegible]						
		30.30 - 33.82 ALT WK SHX, [illegible] [illegible] [illegible]

CME

Hole No.: 97-33B

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(QFMP, contin)	36.00 – 45.25 ALT-M; v. pinkish brown alt'n of QFMP, sericite alt'n of fsp. (wk); zones of wk propylitic alt'n 45.25 – 46.30. ALT-W. Green veinlet/ vein 46.30 – 51.17 ALT-M, pink-brown as previous; 51.19 – 51.94 ALT-M, bleached, less pink. 51.94 – 52.10 ALT-X; clay alt'n, v. soft; dk sericite matrix;	@50.70 calcedonite, 5mm/30°CA.						
51.94 – 52.17	MYLT/SHR-Z; amber stained zone w/ ANDS below;	ALT-X.	Fabric 25°CA.						
52.17 – 52.71	ANDS, stained, porph.	ALT-S; bleached, wk clay, mod seri; pyrite alt'n	Numerous calcedonite stringers w/ qz vn fragments; minor clay; dk grey sericite matrix.						
52.71 – 53.27	HLTBX; intermixed ROFP ANDS & QFMP fragments in green seri matrix; due to intrusion by ROFP (N Member)	ALT-S.							
53.27 – 72.55	ROFP, N. Member, typical unit. mod to large <4mm glassy grey qz-eyes; w/ off white to lime stained fsp phenos; Suc. euhedral V. hard competent unit; no ductile deformation, numerous pale green brown irreg rounded xenos – either QFMP/ANDS xenoliths?	ALT-M/W; some veins w/ cb, wk clay alt'n on fracs	Py absent. Wk. qz-cb tension gash infill						
		@62.74 new alt'n bleaching fracs. also @ 63.17 & 63.32.	@60.28 qz-cb vein 4mm/40°CA						
	71.92 – 72.22 SHR-Z, ANDS? no ROFP.	63.39 ⇒ matrix less brown, more green-grey							
	72.22 – 72.55 Sheared ROFP.								
72.55 – 72.92	SHR-Z w abund qz-cb tension gash infill dk seri + clay, minor SX – disrupted QFMP? + ANDS.								
72.92 – 74.37	ANDS.	ALT-S + bleached to lt grey; minor fsm assoc w/ qz-cb veins mod seri; alt'n of phenos	Py rare <1%.						

CME

Hole No.: 97-33B

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
74.37 - 80.66	QZMZ; mod shearing. 76.90 - 77.10 ANDS dyke; ALT-S, v. bleached. Strong sericitic alt'n of phenos., UC/LC 30-40°CA	ALT-S overall, pale green seric alt'n. 74.37 - 74.67 ALT-K, clay alt'n @ contact	UC - 60°CA. @74.64 cataclastic w/ "step" fault offsets; dk grey; ~1cm / 15°CA.						
80.66 - 89.25	RQFP, Central Market: typical unit Qz eyes, grey, glassy, smaller than N. Market and less abundant; fsp smaller and less abundant as well; matrix lighter; pale green, very altd Wk. flow banding.	ALT-MIS; v. sericitic, pervasive	UC crossed w/ gouge over 10cm 50°CA. @83.65 slip plane, clay alt'd. 50°CA. @84.02 slip, clay alt'd. 55°CA @84.10 flow banding ll to slips 85.24 - 86.27. FLT-? w/ dk grey seric + clay cataclastic material; minor incorporated QZMZ, wk sx; 86.27 - 89.25 wk - mod stylolitic clay - sx hairline veins,	09135	85.04 - 86.27	1.23			
89.25 - 111.40	QZMZ, wk sericitic;	ALT-S, near UC v bleached wk py, general qz. flooding w/ lesser veinlet sx Locally clay alt'n on fracs	UC broken due to sampling. 90.67 - 91.30 qz. flooding w/ diffuse sx; 5-10% diffuse py. "qz vns are disrupted diffusely", WIS 93.30 - 93.70 strong chloritic, narrow cataclasites; seric infill on fracs. 97.52 - 98.75 strong sericitic w/ cataclasites, esp @ 98.20. dk grey clay + seric matrix, wk sx @105 slip plane (?) clay/seric, approx 90°						
	96.57 - 97.25 ANDS; ALT-K, purple clay alt'n phenos w/ strong seric alt'n. ANDS xenos, ALT-K @ 99.67, 99.83, 100.04	100.35 - 100.45 v bleached & qz flooded / replaced 100.45 - 103.70. ALT-K, brecciated, locally complete sericitization to soft friable/fissile pyritic rock. 103.70 - more bleached, chlor occ. in seric; ALT-K/S; sheared 106.10 - 106.80 qz infillment, fracs.								

CME

Hole No.: 97-338

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(QFMZ, cont'd).	107.20 – ALT-Y; rusty/ abund clay alt'n on fracs.	111.10 – 111.40 strong shearing w/ calcite/silica fragmented QFMZ in dk grey sericitic clay matrix.						
111.40 – 122.34.	MYLT; green-brown - to dk grey sericitic matrix w/ dominantly QFMZ frags - disaggregated. Rounded, milled + rolled.	ALT-Y; matrix is complete sericitization, fine milling of host lith.	Sx v. variable throughout MYLT, generally occurs as patches of fine disseminated Py + Spy - eg. @ 113.45, 117.30.						
	116.56 – 117.25 sheared QFMZ, only minor calcite/silica.		@113.45 Sx in matrix assoc w/ poss AmSx frag.						
			@119.25 40-5% Sx in frag (?) w/ 20% Sx (~ 4cm).						
			@121.75 sheared QFSx VN w/ v. strong dk grey MYLT matrix. Frags in up to 80% Sx. (121.75 – 122.30).						
122.34 – 135.10.	RFP, S Member dacite, typical unit, V. lt tan to pale green to reddish brown FRHL matrix w/ fragged wht fsp phenos. Quite massive, rel homogeneous + competent.	ALT-M; hem/lim stn coating (wk); General weak pervasive alt'n.	Py @ fine disseminated cubes (?) < 1%.						
		134.55 – 135.10 @ weak alt'n; green.	@134.55 fault/shear, decomposed, sericitized RFP, V. green, FRAG fissile. LC ~ 55° CA.						
135.10 – 143.41	QFMZ; sheared; highly alt'd;	ALT-S/X; bleaching, highly fractured w/ Sx + intense fracturing; also clay on fracs where ALT-X. Minor hem assoc w/ Sx fracs + fills, also Cb.	Py rare ≤ 1%. General fracs parallel @ low angle to CA; 15 – 30° CA.						
			142.05 – 143.40 narrow calcite-Sx zone CA.						
143.41 – 146.00	MYLT/SMR-Z, QFMZ rusty; disaggregated, milled + rolled in dk grey clay/sericitic matrix.	ALT-X.	145.46 – 146.00 as strong MYLT; 80% matrix; w/ 20% frags of QFMZ, narrow QFMN frags.						

CME

Hole No.: 97333

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
146.00 - 146.96	ANDS, porph, wk-mod qz-cb stkwk	ALT-S/X, strong seri alt^{n} of plags (bright green)	Py 3-5% dissem						
146.96 - 157.53	QZMZ; sheared. Numerous narrow qz±cb veins flooding through core w/ diffuse dissem Sx around veins in halo	ALT-S; v. bleached;	Py variable, depending on location of qz vein; also aspy. Ov avg Py 2-5%; aspy < 1%. @148.40 3mm qz vein w/ aspy/py halo, up to 15% Sx. @ 149.00 qz vn frag, dissem aspy py in wide halo (>10cm). @ 149.25 qz vn, irreg 8mm w/aspy. Selv o dissem Sx in w/r. @ 149.50 qz vn 7mm/75°CA; mass wht qz w/ 50° vert mesh fracture aspy. Dissem aspy/py in w/l, up to 15%. 149.75 - 151.90 mod/wk Sx dissem 151.90 - 157.53 mod/strong dissem aspy/py. 15%						
152.53 - 153.86	ANDS, sulphidized, med-dk grey; metric replacement by aspy/py.	ALT-X.	Py/aspy 35-40%; Aspy fine acicular needles. 153.32-153.86 less dissem Sx (<10-5%) ANDS more olive coloured.						
153.86 - 154.46	QZMZ, highly sheared and alt'd	ALT-X; wk-mod qz flooded; or poss qz remob Seri common.	Py 2-3%;						
154.46 - 154.85	ANDS, wk silicification, colour more greenish to olive.	ALT S/X.	Py/aspy 2-3%.						
154.85 - 157.32	QZMZ,	ALT S/X, bleached, seri	155.90 - 155.90 Sx QZMZ, 20-25% aspy/py.						
157.32 - 158.40	ANDS; mod qz-cb stkwk	ALT-S, olive coloured, low Sx.	Py 2-3% dissem, minor aspy.						
158.40 — 184.92	QZMZ,	ALT- S/X bleached, seri	Variable aspy/py assoc w/ qz vns.						

CME

Hole No.: 97-33B

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(QEMZ cont'n)	ALT - S	159.15 – 159.35 strong sulphidation in QEMZ, sourced from 2mm qz va w/ minor aspy/stib incl.						
			159.90 – 160.00 major qz-aspy-stib – sph va.; aspy form large needles up to 10mm long, 2mm wide; crs laths sph.; mass wht qz va. Dissem aspy/py in wlr.						
	@ 160.30 ANDS xeno (?) 5% poor.								
	@ 160.70 ANDS. 3% poor								
	161.25 – 161.60 ANDS, sheared, purple; 5% poor.								
	161.80 – 162.00 ANDS, purple, 5% poor								
	167.25 – 162.45 ANDS, purple 5% poor.								
	NOTE: Aspy/py mineralization in QEMZ appears controlled by narrow subconformal qz veins; these veins are generally < 1cm and oriented at high angles to CA. (60 – 90° CA); Two phases of qz vns; one 5% 1-2cm (i.e. 5% in vn) and second 5% poor or absent in vn. Unclear if diff generation of vn, no crosscutting relation. Some veins often have 5% halo or 5% on selv. – poss late stage 5% removed to qz vn. If later generation then 5% 1-2cm vns.		162.50 – 163.10 several 5-8mm wide qz veins w/ strong sulphidation in host QEMZ; 2 vns w/ abund dissem aspy, stib ± sph ± py (up to 60% of vn.); 5% "halo" w/ 20% aspy/py.						
			@ 163.60 1cm dissem aspy/py in qz flooded zone of QEMZ (5cm wide)						
			@ 164.55 same; 1cm aspy/py dissem in QEMZ w/ narrow erratic qz veins.						
	164.80 – 165.10 ANDS; wk 5%;		@ LC of ANDS; dissem aspy in QEMZ w/ some aspy "bleeding" into ANDS in fine aspy veins						
	165.80 – 166.05 ANDS		165.80 – 166.05 5-10% dissem aspy bands.						
	167.75 – 167.83 ANDS w/ 5-10% 5%.		@ 166.95 narrow qz vn. w/ aspy halo.						
	169.38 – 169.90 ANDS; wk 5%; 5-15% aspy/py		@ 169.52 narrow qz vein w/ aspy halo.						
			@ 171.20 paleo qz vein w/ aspy halo. Abundant pyrite of yellow alt'n						
			173.20 – 173.40 MYLT (CATACLASITE w/ QEMZ vns), dk green matrix, qz-5% vn w/ 60-70% 5% (aspy, py, sph)						
			173.80 – 173.95 MYLT, cataclasitic Fabric ~ 50° CA						

CME

Hole No.: 97-333

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(QZMZ, cont'd).	176.00-176.60 e. bleached QZMZ low seri; qz-replacement? or flooding	@175.75 cummingtonite; local bright yellow alt^{n}; As-pyrite?						
		176.60 – 179.50 ALT-X v.v. clay alt^{n}, v. broken core; bleached, 177.72 – 178.52 ALT-S; v. seri QZMZ, bleached.	176.60-179.50 FLT. ? (?) broken core, abunc clay alt^{n} on fract.						
		179.50 – 181.15 strong propylitic alt^{n};							
		181.15 – 181.80 ALT-M, decr. ser, lots of qz							
		181.80 – 183.30 ALT W/N; locally magnetic frac. bounding QZMZ.							
		183.30 – 184.92 ALT-M; hem/lim stn. alt^{n}	184.05 disscm py over v. narrow width (<1cm), locally occurring v. yellow py w/ orange alt^{n} halo (arsenian pyrite (?)).						
184.92 – 185.62	ANDS; o. stc lim coated due to stc ox. porph.	ALT-M	LC. irreg. low angle; 15°CA.						
			LC – 60°CA						
185.62 – 192.63.	QZMZ;	ALT-M; locally propylitic, still v. bleached, ser; common hem/lim stc coating; esp @ fracs w/ Fe-rich cb + qz	Py 2-3%, fine disscm cubic.						
	186.28 – 186.92 ANDS. ~8cm / 25°CA.								
		186.92 – 192.63 v. ser; irreg QZMZ, v. pale green; ALT-S.	Py ≤ 1%						
		@191.30 qz tension gash infill	@ LC. 1-2cm mass cb-qz vn along contact 20°CA						
192.63 – 196.30	ANDS. porph phenos quite large, up to 1cm, chloritic? w/ core of pinkish fsp. – perhaps the dk green phenos here and elsewhere are porphyroblastic replacement of fsp, and subsequently sericitized	ALT M/S, bleaching. Mod qz-cb stkwk.	Patchy disscm py ≤ 2%. From LC down 50cm, green phenos are stretched down CA.						

CME

Hole No.: 97-338

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
196.30 – 202.35	QZMZ;	ALT – M/S.; V. seri, pale green; wk K-spar ? v. bleached							
	200.86 – 201.43 ANDS: @ LC, grey alt° w/ cb-qz, tension gash infill, wk Sx.	qz flooding near LC.	@ 200.65° 1g qz/fsp/chl - PEGM dyke ? ; ~ 2cm						
202.35	END OF HOLE								

97-54

CME

Project name: SKUKUM
Project #: P560
D.D. Hole #: 97-34 (Relog)

Length (m): 223.92
Grid: UTM NAD 83
Dip: -61
Azimuth: 142
Core size: NQ

Contractor: CARON
Northing: 6672831.345
Easting: 484 346.539
Collar Elev.: 925

Hole survey type:
Started:
Completed:
Re **Logged by:** TV
Date logged: 11/30/03

Depth	Dip	Azimuth

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0 - 1.22	CASING								
1.22 - 69.90	QZMP, med grained, equigranular Pink & green where fresh to "typical" brown - weathering where altered v magnetic where fresh Minor xenos (MNZ/HORN)	ALT - very wide, dominantly sericite alt, with some zones of silicification, and wk argillic around qz veins 122 - 6.22 ALT - W; very wide from N.M 6.22 - 25.26 ALT - N	Pyrite Py <1% @ 6.07 qz-cb vn 13cm/90°CA @ 11.28 qz vn wi qz sx vn; initial sheeted qz-sx vn w/ later cross cut qz vn 5cm/90°CA @15.74 qz-cb breccia with silicified wallrock @17.26 qz vein 6mm/90°CA @18.92 a 18.56 qz veins; 6mm each, 85-80° w/o wk pyritic sericitic halo @19.66 qz vein 5mm/uncertain, ~ 70°CA, wi cb; strong wk halo @21.56 narrow sericitic zone? 5cm wi discreet 2cm wk halo						
		25.26 - 26.05 ALT - M potassic alt, diverse amount qz-cb veins	@ 25.67 qz cb vein/stockwork, 4mm/80°CA						
		26.05 - 35.15 ALT - W, strong iron oxide in lower metre for ALT - W	@27.58 qz vein 5mm/90°CA wi 2 veins (3mm) on each side, chlorite py on selv and in wk 5%						
			@28.66 irreg qz veins wi cb ~ 5mm/80-90°CA sericitic wk halo						
			@ 31.57 qz vn, ~ 2.5cm/80°CA, strong potassic alt halo (~75cm)						
		65.15 - 42.30 ALT - W	@ 37.60 low angle to CA cb-qz vein 7mm/20°CA.						
			@ 39.30 qz-cb vn/fract plane, 15°CA; wk sericitic						

CME

Hole No.: 97-34

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	42.30 – 43.60 fine grained, potassic alt^{n} QZMF. (WAN7)	42.30–43.60 ALT-M/W, v. pinkish due to K-spar ± hem 43.60 – 56.15 ALT-M, sericitic, bleached. 47.00–49.20 K-spar/hem alt^{n} zone 56.15 – 56.50 ALT-S; v. seri, pale green, absence of "brown weathering".	~45 – 46.55 broken core, clay alt^{n} on fracs; fault? @46.94 abund clay on frac, slip plane? 49.80 – 50.30 low angle frac down CA; w/ cb + hem infill; broken, ~ 5mm-10mm infill width 51.20 – 51.45 major frac/shear, v seri, gouge and disaggregated 52.25 – 53.05 another low angle frac; broken core for length; no hem. Seri + cb only. ±5% @ 57.18 cataclasite, in broken core, faulted from 56.95 – 57.26. 57.60 – 57.90 broken, shows core along clay slips near ll to CA 57.42 – 59.80 wk to mod pyritic QZMF 3–5% in disseminations and small stringers @58.07 qz vn, offset ~1.5cm/45°CA, 59.60 qz flooding/vn w/ 1% py 59.70 – 59.80 cataclasite/gouge plane @ contact						
59.80 – 61.80	RQFP, 97. eyes, flow banded green & brown layering; dyke is mod broken due to brittle deformation, strong alt^{n}	ALT-S; flow bands show preferential alt^{n} w/ green seri rich bands and lt gray/brown hem? cb^{n} bands. Mod clay on fracs,	heavily well mineralized w/ clusters of acic espy, fine dissem py & patchy & diffuse stb?	09136 09137 09138 09139	56.95 – 58.12 58.12 – 59.40. 59.80 – 60.66 60.66 – 61.80	1.17 1.28 0.86 1.14			
61.80 – 62.18	SHR.Z; HWG7/cataclasite @ LC w/ RHWL; highly alt'd QZMF at lower part.	ALT-K.	@60.85 aligned accretes; ~ 5%. Py disem 1-3%. throughout unit Py ~ 3%						
62.18 – 62.90	ANDS, sheared, pyritic	ALT-K; bright green seri phases.	Py ~ 10%. in stringers and disseminations.						

CME

Hole No.: 97-34

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
62.90 – 66.40.	OZMZ;	ALT – MIS; bleached, increased ser/ alt^n, gives pale green pervasive colour.	P_y < 1%	09140	62.90 – 63.90	1.00			
			@ 64.10 bx; wl large qz ± sx in fmgl is ck ser ± clay matrix sx – py. sph, tr. aspy. ~5cm wide / 25°CA; strong ser/ ductile shear/ in wll.	09141	63.90 – 64.50	0.60			
				09142	64.50 – 66.40	1.90			
66.40 – 67.10.	ANDS, purple, pyritic	ALT S; v. bleached	P_y 5–10%						
	66.90 – 67.10 ø sheared, dk grey green; wl ser/ infill in fract.								
67.10 – 84.32	RQFP; N. Marker; typical unit; med – lg. qz eyes ø fsp phenos in brown-green RHYL matrix., quite competent and hard; locally brittly deformed.	ALT – M/W.	UC sheared 35°CA.						
			78.54 – 78.94 FLT., brown ISH						
		84.04 – 84.32 ALT – S, ± ser; thinning flow banding.	@ LC 20°CA.						
84.32 – 85.20	OZMZ; sheared.	ALT – S; ?? flooding, mod., ser/; lim/ham wk propylitic on top of ser/	P_y 5.1%						
85.20 – 85.49	ANDS, purple, sheared.	ALT – S.	UC ~ 30°CA,						
85.49 – 88.74	RQFP, Central Marker; as per usual; smaller qz eyes and fsp phenos than North, flow banded.	ALT – M, ser/; v. wk lim	LC ^ broken ^ 35°CA						
	wk pyritic <1%.		85.49 – 86.46 Flow banding 40°CA.						
			86.64 – 86.74 sx vnlts – stylolitic, hematitic, gray blue, pyritic.						
			@ LC 55°CA, wl gouge slip plane						
88.74 – 89.18	OZMZ;	ALT – S, v. pale bleached, wl abund ser/.							
89.18 – 89.28	ANDS; purple	ALT – S; green ser/ phenos, olive colour matrix.	Pyritic 5–10%.						
89.28 – 89.40	OZMZ, highly fractd	ALT – S/K; ø bleached ø ser/; clay on fracs	Broken qz-cb vn in FLT/CNTCT.						

CME

Hole No.: 97-34

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
89.40 – 91.72 (approx)	ANDS; porphyritic; mod to locally intense qz-cb ± hem stwk (tension gash infill)	ALT-S/M; dk olive to mod green matrix w/ variably sericitized phenos. Heavy lm/hem stc coating due to sfc exp.	Py rare ≤1%, except new cuttings V. fine/a corse; ↓ 91.40-91.72 py ~ 5%.						
91.72 – 92.65 (approx)	OZMZ;	ALT-S; v. seri risen; pale blue-grey, lm/hem on (where exposed to surface water)							
92.65 – 93.59 (approx)	ANDS, as previous, disintegrating, strong qz-cb stwk	ALT-S.	Py 1-2%.						
93.59 – 94.08	OZMZ;	ALT-S.	Py rare <1%						
94.08 – 94.41	ANDS; v. fract'd; green/grange contact w/ dyke.	ALT-S/K; inter clay altn w/ fract contacts.	Py 1-2%. LC disintegrated, intr dyke below ca 94.11						
94.41 – 97.29	RQFP, Central Marker Style	ALT-M; pervasive seri.	Mod fracturing. QLC, 35°CA;						
97.29 – 99.00	OZMZ;	ALT-S; incr silica; abund seri.	97.29 – 97.44 narrow qz veins; tension gash infill						
99.00 – 110.20	RQFP/RQP; still w/ Central Marker. qz-eyes ≤2mm, fsp phenos ≤3mm, patchy	ALT M/S. pervasive seri	UC ~ 35°CA Minor py disem throughout ≤1%. 100.04 – 100.32 mod grey fract bands, fuzzy sx, ± fn disem if it is sx. Not on core in direction tr. Aspy none observed definitively. 101.80 – 102.50 fract'd zone; fracs oriented @ v. low angle to CA. 103.45 – 104.30 low angle fracs chaotic CA; ~50°CA. @ 105.85 banded, narrow seri; 15-20°CA LC ~ 30-60°CA,						
110.20 – 110.77	OZMZ/ANDS incl in RQFP, sheared. OZMZ @ margins; ANDS in centre	ALT-S/K	Py 1-2%.						

CME

Hole No.: 97-34

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
110.77 – 130.96	RQFP, Central Marker style dyke.	ALT - M, pervasive seri.	Py <1% finely o evenly disem.						
		115.10 – 118.67 pale rec hem alt'n – pervasive, preferential bmarks.	112.47 – 121.03 mod to strong fracturing (brittle deformation) of dyke, fracs oriented sub ll to CA.						
			118.30 – 118.57 main slip plane; clay alt'd i dk grey; vuggy – can smell sulfur.	09143	117.82 – 118.67	0.85			
			121.03 – 130.96 core more competent, massive.						
130.96 – 139.10	QZMZ, sheared; numerous narrow dk. cataclasite strands with QZMZ;	ALT - X/S; high clay content o.3loL w/ cataclasites; QZMZ v. bleached, qz-floodéd and ser'd.	Py mod 1-5%; o.3loL w/ dk. cataclasites.						
			UC - 1cm cataclasite, fissile/phyllitic						
		137.65 – 133.80 ALT-X; abund clay.	132.65 – 137.80 v. strong clay alt'd cataclasite; gouge						
	133.80 – deer. cataclastic strands to mostly silica rich QZMZ.	133.80 – 139.10 ALT-S; strong ser/qz-floading, v. pale.							
		@13602 green ser a rec non tension gash infill.	@136.27 clay alt'd, gouge shear plane ~20°CA.						
			136.44 – 136.70 faulted.						
			137.75 – 139.10 faulted broken core.						
			138.40 – 139.10 py in silicified QZMZ, 3%.						
139.10 – 154.50	RFP, S. Marker. Light tan to green RFP matrix w ragged fsp phenos	ALT - M (overall).	Py v. rare to absent						
		139.10 – 139.36 ALT-S, bleached.							
		139.36 – 139.59 ALT-X, clay alt'd green sericitized w/ 5-4mm fsp. hem alt'd phenos.							
		139.59 – 153.37 ALT - M/W.	@140.80 low angle qz-cb vn/lt w/ hem alt'n, 2mm/15°CA						
		153.37 – 154.50 ALT - S/X, v. ser (green); silicified	@153.37 alt'n boundary flat 15°CA.						

CME

Hole No.: 97-34

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
154.50 – 184.30	QZMZ, sheared, v. alt'd 157.22 – 157.37 FLDK, pinkish, fine grained, QZMZ nicely silicified to bx'd above. @158.15 FLDK frag., also @ 158.30 & 159.84. 161.95 – 162.00 Ptzy or bleached QZMZ 163.31 – 163.49 ANDS; ALT-S; mod QZ – CC stkwk; py 3–5%; no v/s aspy. 165.30 – 165.45 ANDS, ok sxt, minor sx vnlts w/ aspy/py 165.66 – 165.91 injected sx ANDS (?); py±aspy ~ 10–20%. 167.48 – 167.67 ANDS, mod SX, py±aspy (ALT-S) 10%; sx vnlts, sheared vn–	ALT-X; ex seri; bleached, locally qz-flooded and v. hard to v. soft friable core. Rare hem assoc w/ qz-cb vning ALT-S ↓ ▽ 170.10 – 170.40 qz flooding 179.24 – 180.44. qz flooding and/or replacement of QZMZ, virtually only qz left w/ minor ser or fsics 182.65 – 184.30 qz replacement of QZMZ pale white, interstitial present	Double def'n of ser thro-ghout. Py rare ≤1%. 160.90 – 161.10 strong ductile shearing 50°CA @162.00 – 162.10 qz-sx flooding & vning, aspy+py 5–10% @162.34 disscm aspy in QZMZ. + hem w/sx @166.16 cataclasite; phyllitic & fissile mod SX QZMZ c– either side of cataclasite @167.93 qz-sx vnlt. 8mm/~70°CA, w/ mass. aspy/sl/b? in centre of vn abund disscm py±aspy in w/r to 168.36 (70%) @169.26 aspy/py disscm in QZMZ. ~ 5-6cm. @172.26 2 qz vnlts, diffuse margins w/ sx halo ~ 6cm; aspy ~ 10% @178.75 patch of mod sx QZMZ. ~ 2cm; 10% aspy/py 180.83 – 181.05 disscm aspy/py in QZMZ, sx halo chlor, qz-sx vnlts. w/ mass aspy ± sl/b ± sph. 181.61 – 187.01 disscm aspy in qz-flooded (rel'd) QZMZ; up to 15%; overall 5%	09144	160.25 – 161.75	1.50			

CME

Hole No.: 97-34

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
184.30 - 186.87	ANDS; porph.; strong to locally intense qz-cb tension gash stwk, generally discontinuous qz-cb vnlts,	ALT-S; highly bleached, mod strong ser alt'n of phenos.	Py ≤ 2%, patchy diss @ 185.05 tr. aspy.						
	185.76 - 186.02 QZMZ vol., qz-replacement, & pale bleached; w/ ser'n. ALT-X; 186.02 - 186.87; intermixed ANDS, bleached QZMZ, V. irreg contacts; Sr assoc w/in QZMZ near contacts.								
186.87 - 190.95	QZMZ;	ALT-X/S; & bleached,	Mod Sx, wk diss aspy/py. 187.55 - 188.00 cataclasite at or very near CA; (< 50 CA)						
	188.07 - 189.32 intermixed ANDS & highly bleached QZMZ Py ~ 5% in QZMZ, ~ 3-5% in ANDS QZMZ & ANDS appear to have contact V. close to 11 CA; sampled core shows mostly QZMZ; may be blocks toward hw QZMZ.	@ 190.90 qz. flooded near LC	LC not well defined.						
190.95 - 192.29	ANDS; porph; highly fract'd, sheared.	ALT-X; olive to grey; & bleached	@ 191.25 injected Sx QZMZ ~ 6cm. 191.35 - 192.07 clay gouge fault zone. highly alt'd ANDS @ 191.25 - 191.35 Sx, 3x ANDS/QZMZ.						
192.29 - 223.72	QZMZ.	ALT-X							
	192.29 - 192.66 cataclastics, qz flooding or qz vn frags.		192.66 - 194.58; mod Sx'd QZMZ, fine diss aspy + py in pale bleached QZMZ; vis abl conc from 3 - 15%; high conc over short intervals < 5cm, due to narrow qz vnlts.						
	194.58 - 194.68 RHYL?; pale, fine grained unit w/ narrow stylolitic hematite Sx vnlts + Sx'd + clay.	195.48 → ALT-S strong ser.; clay alt'n on fracs	After 194.58 Sx content does significantly to < 2%, over m depth.						
		@ 199.70 qz-flood.	@ 197.74 discontinuous qz-cb vnlt ~ 5mm; tension gash infill.						

CME

Hole No.: 97-34

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	204.50 – 204.95 FELS ? or QZ flooding, v. wht.	WALT - S	@207.54 qz vn 1cm / 85°CA — (unusual to have qz + K-feldsp veins this side of FD zone and so close to zone)						
	210.28 – 211.12 FELS, w/ qz flooding @ LLC. Fine grained v. felsic unit w/ fsp phenos, wk seri or prop alt'd.; irreg contacts; phase w/in intrusive.								
	213.61 – 213.84 FELS.		@213.95 qz vn: 7mm / 75°CA						
		218.65 – 219.05 FELS phase, K-feldsp. pink.	@214.35 narrow seri-qz-cb vein w/ potassic alt'n halo 2mm / 70°CA.						
	219.66 – 219.84: FELS, w/ qz tension gash infill down crk, FELS host rock + wide potassic alt'n halo; qz vn ~ 5mm – 10mm / 25°CA								
		@221.50 qz, bleached							
223.72	END OF HOLE								

97-36

CME

Project name: SKUKUM
Project #: PS6D
D.D. Hole #: 97-36
RELOG

Length (m): 249.63
Grid: UTM NAD 83
Dip: -66
Azimuth: 161
Core size: NQ

Contractor: CARON
Northing: 6672831.345
Easting: 484346, 539
Collar Elev.: 925

Hole survey type:
Started:
Completed:
Re **Logged by:** TV
Date logged: 11/28/03 - 11/29/03

Depth	Dip	Azimuth

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0.00 - 0.91	CASING.								
0.91 - 60.96	QDMTE; med grained equigranular; Pink-green colour where fresh and v. magnetic. Numerous hairline qz-cb veins (stringers); Occasional qz-cb extension veins.	ALT - variable throughout most of footwall; from zones of v. strong alteration along narrow qz-cb veins and qz-cb extension veins.							
	Minor xenos.	Alteration is typically "fracture-controlled" Qtz-ser ± clay ± carb,							
		0.91 - 2.00 ALT-N.							
		2.00 - 4.60 ALT-W. (strong)	@ 3.83 qz-cb vn 1cm/85°CA						
		4.60 - 14.98 ALT-N	@ 8.00 qz-cb vein 5mm/70°CA, 15cm alt° halo.						
		14.98 - 20.88 ALT-W.	@ 11.81 qz-cb vn, fract'd/faulted, vn is ~4cm/70°CA; ~10% calcite py in vn. and selv.						
@ 17.46 MONZ(?) xeno.		20.88 - 26.13 ALT-N							
		26.13 - 27.36 ALT-W	@ 17.73 qz vn 1cm/85°CA.						
			@ 19.21 qz vn 1.5cm/75°CA						
			@ 26.49 qz-sx vn, sheeted, laminar banding in vn 2.5cm/75°CA; rel Py + sfide.						
		27.36 - 30.73 ALT-N.	@ 29.02 qz-cb vn 1.5cm/85°CA						
		30.73 - 38.00 ALT-W/M.	@ 31.78 calcitic 5mm - 10mm wide, dk grey-brown.						
		@ 33.62 strong perpthic alt°							
		38.03 - 40.54 ALT N/W; v wk "brown weathering"							
		40.54 - 51.42 ALT - M/W;							
		42.06 - 42.26 ALT-S/X; green/white ser + plag(?) alt°; v. strong bleach. -> Pinkish brown alt°; K-spar + ser.							
			44.30 - 44.87 mod fract'd core; iron + silica; ser. infill on fracs; @ 44.75 main frac @ 30°CA;						
			45.93 - 46.13 fract'd core; alt° w/ ser; clay 46.66 - 46.74 clay ser alt° in major frac ~10°CA.						

CME

Hole No.: 97-36

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(QZMZ, cont'd)	51.92 – 53.28 ALT-S; incr silica, major fract down CA w/ ser, minor clay 53.28 – 60.96 ALT-M; ser; v.m/l lim sfc coating	@ 53.00 highly fract'd core over 15cm; v/ coating by ser + clay. @ 57.98 cataclasite; dk grey to brownish clay-ser ± sx, wk bx; 30-40°CA ~5-10% assoc py in w/r. @ 59.15 qz vn 2cm/15°CA; w/ dissem py in immediate w/r; 15% v minor dissem py, sph + stb in vn. @ 60.20; frac w/ sil flooding 60.60 – 60.96 sheared QZMZ w/ qz vnlts + flooding; massive stb vn @ LC. ~1.5cm 10-15°CA; v.						
60.96 – 62.80	RHYL; flow-banded, green + white ↔ qz eye porphyry.	ALT-S. 61.70 – 62.70 ALT-X; clay altn, highly fract'd	UC, ~10-15°CA, chickenscreted, sub ⊥ to contact angle; massive dissem stb @ immediate contact w/in RHYL. Flow banding ~ 30-40°CA. Py ~ 1%, dissem cubes LC; similar to UC., cataclastic contact, no stb vning, mostly clay-ser'd w/ ~5% py						
62.80 – 67.70	QZMZ, mod to strong shearing 64.28 – 65.22 ANDS, sheared; py ~5% ALT-S/X 65.49 – 66.15 ANDS, sheared, pyritic (5%) dk grey cataclasite; @ LC 45-cb vning w/ clay (ser), v. sheared, ALT-Y 67.23 – 67.70 ANDS; as previous, v. sheared rare v. decomposed xenos; only gravel/clay left.	ALT-S; bleaching, incr sil/qz flooding.	Py <1%. 67.80 – 68.00 cataclasite sheet contact w/ dyke above; v. dk grey matrix w/ QZMZ frags. 67.00 – 67.23 strong shearing in QZMZ;						
67.70 – 87.07	ROFP; typical N marker dyke; pink coloured RHYL matrix w/ mod to large (<4mm) qz eyes; grey glassy + stb to embayed fsp laths; foreign xenos?	ALT-M/W.; generally quite fresh looking; sfc ox of vein/lims	Py disseminated						

CME

Hole No.: 97-36

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
		86.87 – 87.07 ALT- S/K, contact zone alt'n, shearing; appears to have highly alt'd xenos of ANDS (QZMZ).	LC. 30°CA.						
87.07 – 87.33	SHR Z; appears to consist of ANDS/QZMZ= highly sheared; ll to contact above.	ALT- S.; seri, bleaching							
87.33 – 88.27	QZMZ;	ALT- S; qz-rich/sil overprint, wk bleaching + seri	Py <<1%						
88.27 – 97.20.	ANDS, porphy; sheared. strong to intense qz-cb fracture/vein/stockwork	ALT- S/K; v bleached, mod seri alt'n of phenos.	UC - 60°CA Py 5-10% in dissem patches appearing to replace phenos – also some py stringers						
			~88.55 cataclastic shear. 2cm/45°CA						
		89.65 – 90.35 ALT- M; green matrix, not unaltered, but v. intense qz-cb stkwk (@ 90.35?); very dk green replcd phenos.	89.95 – 94.75 py decr to ≤3%; rare sfp dissem						
	[NOTE – Section of core missing from 92.66 – 93.57 (approx)]	90.35 – 97.20 ALT- S; v. bleached; lt grey to olive strong qz-cb alt'n; seri alt'n of phenos to bright green	94.75 – 95.01; less porphyritic texture, homogeneous matrix w/ ccs aggregates of py ~ 8%.						
			95.01 – 97.20. py continuous, replacing phenos (?); 5-10%.						
			@ LC. contact sheared 10°CA						
97.20 – 103.75	QZMZ; wk qz-cb veins/frac infills, minor stkwks/cataclasites.	ALT- S; v. seri – pale green rel't to cor; less lim/hem & ox	@ 100.14 cataclastic bx. ~4cm/20°CA. dk grey brown serit clay-sx matrix (v. minor sv) w/ rounded, deformed QZMZ clasts						
			@ 101.44 qz veins & qz flooding w/ narrow chlor phase, dec >6cm.						
103.75 – 104.60	ANDS., porph.	ALT. S; strong seri alt'n of phenos (bright green)	UC, sheared, ~45°CA Py rare <1%						

CME

Hole No.: 97-36

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
104.60 – 107.40	DMG.Z / SHR.Z / BX ; v. sheared, alt'd zone of QZMZ, AND'S and. pass RHYL Banded QZMZ ring @ 105.56	ALT- S/K ; green serc rich matrix ; cb, clay alt'n	106.62 – 107.40 minor fine dissem Sx.						
107.40 – 135.33 (approx)	RQFP, fairly typical Central Member. Flow banded @ UC ; V. lt grey to off-white ; small qz eyes than N. Member, less abund ; also fsp phenos smaller, more irregular . Quite competent and homogenous.	ALT- M/W ; seri alt'n, minor lim/hem on sfcs.	UC 35°CA, flow-banding is 11. Py v. rare <<1%, dissem cubes.						
			127.93 – 128.86 sheared RQFP w/ thin QZMZ wedge @ 128.80. RQFP, v. fract'd. but healed w/ qz.						
			130.70 – 131.27 sheared RQFP, main shear @ 131.08 w/ fissile, highly fragment rock, ~20°CA; @ 131.27 cataclasite (lower ext of main shear), ~4cm / 20-30°CA. @ 133.20 strong flow bands 65°CA.						
	134.67 – 138.46 v. strong shearing, Mylonitic zone, crossing RQFP / QZMZ lith contact and continuing to next RQFP contact ; Cataclastic matrix v. dk grey to greenish brown, friable, v. soft. ← →	RQFP, when competent, vitreous, silicified ALT-X							
135.33 – 138.46	MYLT/QZMZ ; pot. dominantly highly sheared mylonite/cataclasites w/ alt'd QZMZ.	QZMZ ALT-X ; locally v. soft and gungy	137.88 – 138.46 completely disaggregated mylonite/cataclasite, contact zone w/ RQFP below.						
138.46 – 141.95	RQFP, RHYL ; similar to central, though less qz eyes ; and advent of Sx veins.	ALT- S ; strong seri alt'n	Py – 3% in veins + dissem through unit	09098	138.46 – 139.90	1.44			
			141.40 – 141.95 weakly bx'd ; zones of flow-banded RHYL against homogenous RHYL ; Sx veins ~ 5-10%, mostly py @ 141.80, several Sx aggregates w/ yellow/orange calc halos (lim?), but not obvious other py occurrences? – may indicate As rich py (arsenian pyrite).	09101 09102	139.90 – 141.25 141.25 – 141.95	1.35 0.70			

CME

Hole No.: 97-36

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
141.95 – 151.30	QZMZ; 141.95-142.95 sheared; 142.95-145.39 rel unsheared; seri infill of fracs 145.39 – 151.30 mod shearing, incr seri filled fracs; some ductile deformation – wk fabric developed locally	ALT-S; seri; qz-flooded, bleached 146.30 – 147.70 hem common in fracs, assoc w/ seri ± clay	Rare py <1%. 150.00 – 150.40 strong cataclasite, v. dk grey/brown matrix w/ QZMZ & QZ-VN frags entrained, rounded Minor py (visible) 150.50 – 151.30 faulted contact zone w/ qtz below (brittle deformation) clay alt'n (appears to have been a core misfeature here as well) @151.30 Fault gouge right @ contact	09103 09104	141.95 - 142.95 149.05 - 150.00	1.00 0.95			
151.30 – 154.38	RFP; S. Marker; v. pale brownish rock w/ v. pale green; ragged FSP phenos w/ intense staining; generally quite fracd.	ALT – M/S; pervasive but subdued seri; clay on fracs. 154.09 – 154.38 ALT-X	XC sheared. 154.09 – 154.16 clay-seri alt'd, v. strong shear, fracture...soft core Below core v. green, fract'd, harder, then soft @ contact						
154.38 – 202.90	QZMZ; not shearing. 155.27 – 158.19 Bx'd QZMZ. qz frags in strong sheared seri matrix; extensive fragment of frags.; poss minor AVUS @ 156 156.30 – 156.57 RHYL (?); v. alt'd; appears to be high alt'n periphery; complete seriticization of matrix. ALT-X 158.19 – 163.50 wk sheared QZMZ. ALT-S	ALT-X/S; strong seri and clay alt'n; in places soft, else where v. hard due to qz-floodings ← ALT-X – v. alt'd, complete seri matrix;	154.38 – Py rare <1% 155.27 – 155.40 shear, fragmented gouge; clay core 162.30-167.50 qz-sx veining; disrupted and offset; shear @ low CA (10°CA) w/ fine disseminated py ~ 1%, poss v. late as in Sxtn; also yellow stain of Sx along shear						

CME

Hole No.: 97-36

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(QZMZ, cont'd) [Note following intervals approximate due to core condition] 163.50 – 164.10 SX ANDS; pale green to dk green grey w/ abund aspy+py, occ. qz-sx vnlt. w/ crs sph. (10 - 30%.) 164.10 – 164.35 SX QZMZ, sheared; w/ narrow cataclasite bands; ALT-X; fine dissem py+aspy 15-20% 164.35 – 165.90 SX ANDS (?) also w/ xenos of QZMZ, highly sulphidized w/ py+aspy + occ. crs sph. - ALT-X & ser. alt'n 165.90 – 166.20. QZ-SX BX, dk sx + clay-ser matrix w/ fragments of QZ-SX 166.20 – 167.00 QZMZ, bleached; wk SX (pyonly ~1-2%) 167.00 – Sheared QZMZ, ALT-X w/ numerous cataclasite stringers, w/ fragment QZMZ. 167.00 – 168.40 M4LT ALT-X 168.40 – 169.00 QZMZ - ALT SIX 169.00 – 169.20 M4LT - ALT-X. 169.20 – 170.00 several pieces of QZ-SX VN; unknown if all were together or indiv. veins as core has shifted in box – likely one major vein: ~20cm wide (core length); heavy Sx of aspy+py+sph (~40%) surrounded by sheared QZMZ w/ minor cataclasite. 170.00 – 171.00 QZMZ, sheared; 171.00 – 171.90 M4LT; w/ qz-sx vn frags;.	← 20-30% sx (aspy+py+sph)	@167.83 ANDS xeno w/ 15% dissem py.; also @ 163.14. 163.40-163.50; dissem py ± aspy in QZMZ; ~10%. @ ~169.30 qz vnlt, 5mm, w/ wk sx halo/selv. @ 169.70 mass-lht qz vn ~ 2cm/35° w/ 10-15% sx.	09105 09106	160.81 - 162.28 162.28 - 163.50	1.47 1.22			

CME

Hole No.: 97-36

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	173.50 - 173.75 Sx QZMZ, dissem aspy-py; 15-20%. 173.75 - 174.35 QZMZ, sheared, Sx poor. 174.35 - 174.43 ANDS reno. 10-15% Sx. 174.43 - 175.75 variable Sx QZMZ, from 3 - 15% fine dissem aspy + py. 175.75 - 176.00 ANDS, sulphidized. w/ Sx vnlts. and fine Sx replacement. 176.00 - 178.50. QZMZ, o alt'd, sheared; minor cataclasites; generally Sx poor except at upper contact. 178.50 - 180.20 ANDS; mod Sx; generally more typical bleached, olivic, pyritic unit. 180.20 - 183.10 QZMZ, variably Sx'd, @182.70 Sx ANDS ~ 10 cm. 183.10 - 190.20 QZMZ, wk Sx, typical alt'd unit; ~ 3-5% dissem cubic py, trends to concentrate on fracs, minor aspy <1%. 190.20 - 192.20 Sx QZMZ; variable, but up to 20% dissem aspy. 192.20 - 197.75 wk Sx QZMZ, but zones of aspy + py. (py @ 195.05) 197.75 - 198.20 ANDS. 197.75 - 197.80 Sx ANDS 30-40% w/ acic aspy needles & qz-Sx vn. 197.80 - 198.20; typical olive bleached ANDS; pyritic 198.20 - 200.90 QZMZ. @199.15 ANDS ~ 10cm.	ALT - X ALT X ALT - X ALT - X	173.10 - 173.50. QZ-Sx VN, mass wht qz w/ v. rich aspy showing radial growth (acac) 40-60% Sx; poss ANDS host. @174.80; qz vnlt w/ Sx halo 176.00 - 176.05 v. strong Sx dissem; aspy ~ 20%. @180.05 qz vn in ANDS, irreg. ~ 5mm - 10mm / 30°CA, w/ dissem aspy + crs sph; also dissem aspy "halo" @182.90 Sx in QZMZ, wl vuggy, 15-20% aspy @190.85-190.90 cataclasite, v soft friable;. @197.75 - LC of ANDS, qz Sx vn w/ mass aspy in net mesh texture. 199.65 - 199.80 Sx ~ 10-15%, aspy + py. 200.30 - 200.65; qz flooding w/ minor Sx; cataclasite						
					* NOTE CORE SAMPLED BETWEEN 183.10 & 190.93 m BUT NO RECORD OF DATA IN DB OR HISTORICAL LOGS - WILL QUARTER FOR SAMPLES					
				09107	183.10 - 184.10	1.00			
				09108	184.10 - 185.62	1.52			
				09109	185.62 - 187.15	1.53			
				09110	187.15 - 188.67	1.52			
				09111	188.67 - 190.20	1.53			
				09112	190.20 - 190.93	0.73			
				* SAME ISSUE FOR SAMPLE BELOW - QUARTERED					
				09113	192.32 - 193.24	0.92			
				09114	193.24 - 194.77	1.53			
				09115	194.77 - 196.29	1.52			

CME

Hole No.: 97-36

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(QZMZ, cont'd)			09116	200.86 - 202.39	1.53			
	200.90 - 206.90 QZMZ; typical hangingwall altd unit, still quite strong seri;	ALT - S; v. bleached	Py 2-5%, variable, narrow stringers of dark clay + sx; v. rare aspy.	09117	202.39 - 203.91	1.52			
				09118	203.91 - 205.44	1.53			
				09119	205.44 - 206.96	1.52			
				09120	206.96 - 208.90	1.94			
208.90 - 209.66	ANDS, porph; mod qz-cb stkwk.	ALT - S/M, bleached, mod seri pinesse	UC 25°CA	09121	208.90 - 209.66	0.76			
209.66 - 210.71	QZMZ; as previous (200.90-208.90)	ALT S/M.	LC irreg 30°CA.	09122	209.66 - 210.71	1.05			
210.71 - 213.52	ANDS; porph; mod strong qz-cb stkwk. A few QZMZ zones.		UC 25°CA 212.74 - 212.94 four qz-cb veins w/ prominent alt halos; similar to sx halos in SX ANDS units described Minor py, quite aspy assoc w/ these sx halos.	09123	211.60 - 213.52	1.92			
213.52 - 214.12	QZMZ.	ALT - S	LC - 40°CA	09124	213.52 - 215.01	1.49			
214.12 - 214.40	ANDS.	ALT - S.	UC - 40°CA LC - 15°CA						
214.40 - 215.01	QZMZ	ALT - S							
215.01 - 216.15	ANDS	ALT - S	UC - 50°CA Py 1-2%. 216.00 - 216.10; qz veining w/ sx; py dominant; minor aspy ~10% total sx. LC - 30°CA.	09125	215.01 - 216.15	1.14			
216.15 - 220.39	QZMZ.	ALT - S/M.	@216.85 chalcedony? - cb; seri + qz tension gash infill, purplish	09126	216.15 - 217.63	1.48			
		217.80 - 218.20 intense seri frac infill, QZMZ, excellent.		09127	217.63 - 219.15	1.52			
				09128	219.15 - 220.30	1.15			

CME

Hole No.: 9736

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
220.39 - 220.80	ANDS., porph.; strong qz-ep vnlts.	ALT- S, bleached, olv'e, occasional dk bands (Sx)	UC 75°CA, cutoff qz vn. Fine disseminated py, poss asPy. 5%.	09129	220.30 - 220.80	0.50			
220.80 - 222.84.	QZMZ,	ALT- S		09130	220.80 - 222.20	1.40.			
		222.20 - 222.40. rare clay in fracs							
222.84 - 225.82	ANDS; w/ zones of hematitic QZMZ, V. abt contact angles; injection & steering of units.	ALT- S/X. ANDS w/ numerous white clay fracs; v. soft - qz-ck stwk has been clay alt'd.	Py rare 1-2%						
	223.30 - 223.72 low angle QZMZ injection/ dyke; purple due to hematitic alt'n; 41cm / IS-20°CA w/ multiple offsets								
	@223.96 hematitic QZMZ ~10cm.								
	225.25 - 225.37 QZMZ, not hematitic	225.37 - 225.82 highly fract'd ANDS w/ abund wht clay on fracs.							
225.82 - 228.69	QZMZ.	ALT S/X;	Py v. rare <1%.						
	226.36 - 226.64 ANDS.								
	@228.65 ANDS ~ 6cm.	V. sericitic @ LC.; qz ep veins in fill @ contact.	@228.65 - 228.69 pyritic @ LC contact w/ ANDS; py 20%						
228.69 - 230.81	ANDS, porph.	ALT- S/M; mod strong ser. alt'n planes.	Py 1-3%. UC irreg, ~30°CA.	09131	228.69 - 229.82	1.13			
			@229.47 qz veins w/ diffuse Sx halo; 10% py. over 10cm	09132	229.82 - 230.72.	0.90			
			LC - 20°CA; w/ py, tr asPy						
230.81 - 233.17	QZMZ;	ALT- S	@ UC, v. ser. alt'd QZMZ w/ Sx (asPy + py) ~ 15% over few cm's;	09133	230.72 - 231.12	0.40			
				09134	231.12 - 232.20.	1.08			
			@ 230.98 qz-Sx vn; diffuse margins 25% Sx (py'asPy, Stl?) ~1cm. / 70°CA.						
		231.04 - 231.86 v. propylitic QZMZ							
233.17 - 234.29	ANDS porph; mod qz-ck stwk	ALT- S/M.	UC ~30°CA LC broken						

CME

Hole No.: 97 36

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
234.39 – 234.89	QZMZ.	ALT- S							
234.89 – 237.47	ANDS	ALT- S, hematite alt° along fracs v strong 236.73–237.44 where intense qz-cb vnlts, hematitic	LC - 35°CA @ 237.20 fault Py ~ 2%. LC - 55°CA						
237.47 – 239.11	QZMZ 237.65 – 238.00 ANDS UC 45°CA, LC ~ 20°CA 20% pyrite @ UC; alt veg alt°	ALT- S; seri., wk K-spar bleaching.	Pyrite ~ 2%, but variable; up to 5% @ contacts of ANDS.						
239.11 – 240.79	ANDS, wk qz-cb stkwk. 240.07 – 224.24 QZMZ xenol, irreg shape	ALT-M.	UC - 30°CA, qz-cb vn along contact, hematitic frac sets LC 40°CA.						
240.79 – 242.01	QZMZ	ALT- M/S	@ LC qz-cb vn, ⊥ to contact angle.						
242.01 – 243.46	ANDS, wk qz cb stkwk. 243.55 – 243.05 mod qz-cb stkwk	ALT-M. wk pervasive hem alt°, mostly restricted to frac sets	UC 20°CA ~243.5 poss. fault - broken core. @ 245.40 – 245.46 fine laminar fracs w/ seri + py infill, ~ 5% finely disem py.						
245.46 – 249.31	QZMZ @ 245.88 ANDS stronger ALT-S; 30°CA. 1-2cm.	ALT- M	LC - 40°CA Py rare ≤ 1%						
249.31 – 249.63	ANDS; v. green, wk qz-cb stkwk.	ALT- W/M	Minor py assoc w/ mineralization UC LC 35°CA						
249.63	END OF HOLE								

CME

Project name: SKUKUM
Project #: CP56C
D.D. Hole #: 97-37
RELOG.

Length (m): 152.10
Grid: UTM NAD 83
Dip: -42
Azimuth: 161
Core size: NQ

Contractor: CARSON
Northing: 6672831.345
Easting: 484346.539
Collar Elev.: 925

Hole survey type:
Started:
Completed:
Logged by: TV
Date logged: 11/09/03

	Depth	Dip	Azimuth
Started:			
Completed:			
Logged by: TV			
Date logged: 11/09/03			

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0.00 - 1.02	CASING / NO CORE								
1.02 - 33.48	QZMZ, med grained, hypergranular; pink + green where fresh to brown tint/stain coating where altered + SEC oxidation. V. magnetic when fresh. Minor ANDS / DIOR veins	ALT - W/N, variable - bands of propylitic to argillic alt between zones of green unaltered rock; ALT typically veins + wound margins 97-03 + 04 drill holes 1.22 - 5.25 ALT-N (minor W) 5.25 - 6.70 ALT-N 6.70 - 10.79 ALT-N 10.79 - 17.18 ALT-M+W; centred by 97-05 vn 1- 5mm/85°CA. 17.18 - 20.10 ALT-W, local narrow zones of N (magnetic) 20.10 - 27.63 ALT-M, bleached, friable 27.63 - 24.90 ALT-N/W; v. wk propylitic, wk end of metric 24.90 - 32.20 ALT-W, v brown weathered (rim), propylitic 32.20- ALT-S/X rare slightly pitted/leached where clay alt'n removed.	Rare disem py (<1%). @ 21.05 qz vn, w/ sericitic py + wisps 5mm/65°CA. 32.20 - 37.45. SHR-2 in QZMZ, sheared qz vns, cataclastic / fbx shear fabric 43°CA. @ 32.33 cataclastic @ 37.48 sheared qz vn. 1cm/45°/dk grey selv. Py 1-2%, patchy disseminations @ 34.10 qz-cb vn, 5mm/85°CA						
33.48 - 36.00	ANDS, sheared; olive colour; porphyritic	ALT-S, bleached, seric							

CME

Hole No.: 97-37

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(ANDS, rust to)		@ 34.90; approx; qz-sx VN, wnt 90°, moderately sx - pale stib/aspy. Pyritic ANDS;						
36.00 – 36.66	QZMZ, (core, decomposed due to strong exposure)	ALT - M;	36.57-36.65 sheared QZMZ, less Fe alt°, more ser/clay alt°.						
36.66 – 42.61	ROFP, tan to buff white, w/ grey-blue qz eyes and subsidiary fsp phenos. Irregular pale green zones of decomposing QZMZ/ANDS(?); qz ± fsp phenos are present w/in these.	ALT - M/W Alteration strongest @ sheared contacts w/ QZMZ. Wk qz-cb hairline gash infilling	LC - 50°CA V. Rare py (<1%) UC - completely clay alt'd, v. soft goopy (partially due to core exposure) w/ 4cm wide						
42.61 – 44.07	QZMZ, highly alt'd, UC sheared strongly	ALT - S/X, v. bleached w/ high clay alt'n	UC 45°CA, w strong shear fabric developed at fault orientation from: 42.61 – 42.86. @ 43.02 finely abund clots of py ~10% over 5cm	07397	42.61 – 44.07	1.46			
44.07 – 44.54	ANDS, porphyritic, sheared.	ALT - S/X, very ser/clay rich, bleached; v soft and friable;	Py 1-2%. Main shear @ 44.45-44.70.	07398	44.07 – 44.54	0.47			
44.54 – 48.72	QZMZ, sheared, highly alt'd, v. soft.	ALT - X, v. ser.	Py ≤ 1%	09851	44.54 – 45.42	0.88			
	45.04 – 45.12 ANDS, ALT - X.								
	45.12 – 45.33 QZ-SX VN w/ HLBX, retrodeable below;		@ 45.20 QZ-SX VN: 2cm/60°CA 15-20% aspy + py.						
		45.33 – 48.72 ALT - S	@ 45.20 – 45.33; HLBX QFMZ + QZ/CB VN frags in dark ser/clay matrix.	09852	45.42 – 46.24	1.52			
				09853	46.24 – 48.72	1.78			
48.72 – 50.54	ANDS; m-c green, porphyritic; fsp phenos still quite dark green	ALT - M, bleached; mod qz-cb stwrk,		09854	48.72 – 50.54	1.82			
	49.04 – 49.37 QFMZ xenos.		49.66 – 49.90 qz cb vning w/ 5% aspy + py; ALT - MS, bleached ANDS.	09855	50.54 – 51.88	1.34			

CME

Hole No.: 97-37

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
50.54 – 55.95	QZMZ;	ALT-M, increasing downhole	Rare py (≤1%)						
			51.88 – 53.50 Alt'd zone w/ ANDS (<10cm) and highly bleached and locally sulphidized QZMZ. Yellow-orange alt'n mineral present on fract'rs; poss Js-OK. Numerous narrow veins; occasionally large blobs of py.						
		55.30 → ALT-S; incr. clay content, softer.							
	@55.33 sheared ANDS 6cm ALT-S	53.02 – 53.50 ALT-S, bleached pyritic QZMZ	53.02 – 53.50; v. alt'd, 5% stringers common; py + aspy + stib 5-10%						
	@55.86 7cm ANDS ALT-S		@LC sheared contact w/ ROFP						
55.95 – 65.99 (approx)	ROFP (crowded porphyry); mucn pores (all white) from pervasive clay alt'n; 99-eyes smaller, less planar smaller, flows banding common @ flow contacts	ALT-M, though variable, Sri: gives v pale greenish hue.	Py ~1%, disseminated cubes						
		60.66 – 62.18 ALT-S (?), pinkish, textured, clay alt'n.	@62.60 structure w/ gouge and yellow alt'n; green/fault plane.						
65.99 – 71.66	QZMZ, sheared & of numerous intermixed ANDS dyke material, fragments or dykes?	ALT-X	LC bx'd, 5%, silicified						
	66.20 – 66.75 ANDS; mod qz vb stwk. ALT-S.	QZ-flooded, abund clay/ser alt'n, v. soft friable core.	1% ≤1%						
	66.75 – 67.26 QZMZ, sheared. ALT-X								
	67.26 – 67.84 ANDS, highly sheared ALT-Y py 1-2%, narrow hairline Sx veins.			09856	67.26 – 67.84	0.58			
	67.84 – 69.05 QZMZ, v. sheared, ALT-X			09857	67.84 – 69.05	1.21			
	69.05 – 69.67 ROFP, ←→	ALT-S. ←→	69.05 – 69.62 hairline Sx veins in ROFP, appears to be fine stibn blue-grey, minor py + probable aspy but <1%	09858	69.05 – 69.67	0.62			
	69.67 – 71.20 QZMZ, v. sheared, alt'd.			09859	69.67 – 70.62	0.95			
	70.82 – 70.92 cataclasite.		70.82 – 70.92 (approx) cataclasite shear; v. dark ser/clay, fissile Ker & Sx						

CME

Hole No.: 97-37

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	71.20 – 71.66 ANDS, porphy; ALT-S; v. sheared; qz-cb frags & veins.								
71.66 – 73.71	MYLT/SHR.2; highly sheared, strong fabric developed; dark clay/ser matrix w/ lesser QZMZ frags & augen; rolled & milled.	ALT-X	Minor sv, py dominantly ≤1% (unless v. fn grained and invisible under tone lens) Fabric 30-50°CA.						
73.71 – 74.44	RHYL/RQFP; tan, fairly homogenous; -qz-eyes & fsp phenos	ALT-S.	Rare hairline sv veins						
74.44 – 75.50	QZMZ; highly sheared & alt'd.	ALT-S/X	UC, cataclasite, dk sheer. LC, also cataclasite given contact as above.						
75.50 – 75.87	RQFP; sheared and qz-flooded, esp. upper 10cm, hairline qz-sv veins	ALT-S.							
75.87 – 77.12. (approx)	QZMZ; as previous unit	ALT-X; upper contact v. clay rich. Near LC, increased silica	Py 1-2%, v fn disem.						
77.12. – 85.64.	RFP; (with marker); light tan to off-white; qz-eyes absent, weak iron alt'n. Fsp phenos variable size & cont; up to 5mm,	ALT-M overall. 77.12 – 77.75 ALT-X/S; v. green @ contact due to seri-citization. 77.75 – 78.55 ALT-M. 78.55 – 83.35 ALT-W/ lg Fsp phenos; tan-med grey matrix. 83.35 – 85.64. ALT-M;							
85.64 – 85.84	SHR.2, mostly sheared RQFP.	ALT-X; v. green, seri rich	Py absent.						
85.84 – 89.20	QZMZ; v wk internal shearing; primarily discrete @ narrow cataclasites	ALT-S; seri rich;	Py 2-3%. 85.80-86.03 strong shearing HLBY w/ seri/qz-sx & frags & QZMZ frags	09860	85.64 – 86.03	0.39			

CME

Hole No.: 97-37

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
			87.84-88.04 shearing.	09861 09862	86.03 - 87.50 87.50 - 89.20	1.47 1.70			
89.20 - 91.90	ANDS, purple (v. altd from the ox, brown lam shown reading) - difficult to ascertain alt. state	ALT - M.	Pyritic 2-5% disem cubes & aggregates/ v. yellow py						
91.90 - 100.11	QZMZ, highly sheared, altd;	ALT - S/X; variable, v. serr. rich, clay typically along frac sfc, - qz flooding variable.	Py 1-2%, may be locally banded when assoc w/ qz floods.						
	92.23-92.39 QZ-rich zone / FELS?		92.50-92.80 v strong shearing - clay alt' on fracs; shearing sub II to CA.						
	@97.88 ANDS xenol: med grey green, wk SX ALT - S/X, py 2%								
	98.44-98.64 ANDS; wkly sulphidized, disem py 5%. - this unit appears close to typical high-grade ANDS types elsewhere but no fine disem of aspy/py								
100.11 - 101.20	FELS - v. pale, v. bleached unit, may be exceptionally a QZMZ; finer grained than QZMZ	ALT - X; serr along fract along w/ clay; barren of mafics; fine grained							
101.20 - 103.40	QZMZ;	ALT - S/X; serr; bleached	Locally bleached zones w/ 4 to 10% aspy + py. - hspy v. finely disem and in stringers. esp. @ 101.70 & 103.25.						
103.40 - 113.18	FELS; as previous unit	ALT - X	Py rare ≤1%, fine cubic disem						
			@105.05 qz-sx vn (frag w/ mafic sx of py + sph) - aspy 15 cm; orientn along CA but cut off/off set	09863	103.40 - 104.85	1.45			

CME

Hole No.: 97-37

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(FELS, cont'd)								
	108.00 - 108.13 ANDS; porphyritic, sheary uc/c. 35° CA	ALT - S, ser; trc phases		09864	105.37 - 106.87	1.50			
				09865	106.87 - 108.22	1.35			
				09866	108.22 - 109.42	1.20			
	109.52 - 109.93 ANDS, as above, but some qz hairline vns w/ trc py ± aspy esp @ 109.67			09867	109.42 - 109.97	0.55			
				09868	109.97 - 111.50	1.53			
	113.03 - 113.18 ANDS, sheared, w/ qz vning		113.04 stib? on frac sfcs	09869	111.50 - 113.18	1.68			
113.18 - 116.36	QZMZ; highly silicic, alt'd.	ALT - X/S.							
	113.80 - 117.38 (approx) ANDS; porphyritic, rare qz eb stkwk.	ALT - M/S.		09870	114.38 - 115.45	1.07			
	115.45 - 116.41 Zone of pale, bleached QZMZ, sulphidized w/ grey-blue Gl py and/or stib. Aspy/stib 2-5%.		@115.55 aspy ~ 10% dissem in QZMZ.	09871	115.45 - 116.41	0.96			
	115.88 - 116.36; low angle veining bleached QZMZ w/ aspy; v. low to CA (5-10°) against more typical brown/orange wisps of QZMZ								
116.36 - 170.90	FELS; may be v. highly alt'd QZMZ but texture obscured - wk intrusive texture visible.	ALT - X; qz flooded; ser on all internal fcrs; v bleached.	116.41 - 117.20 aspy/stib; dissem and w/ qz floods; 2-3%; also small stringers @118.20 stib coated frac.	09872	116.41 - 117.20	0.79			
				09873	117.20 - 118.57	1.57			
				09874	118.57 - 120.09	1.52			
120.90 - 121.15	ANDS, mod sulphidized	ALT - S; olive sfc alt'n,	Py, aspy stib ~10%. v. fn qz veins w/ py/aspy. Stib dissem in discrete blebs.						

CME

Hole No.: 97-37

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
121.15 – 126.20	FELS/QZMZ: sheared, highly alt'd. v pale w/ green seri. stringers	ALT- S/K; v. qz flooded; V. seri. rich, local clay on fracs. - some brown ste weathering typical of QZMZ	Rare py (≤ 1%)	09875	121.15 - 122.15	1.00			
				09876	122.15 - 123.14	0.99			
				09877	123.14 - 124.66	1.52			
			121.90 – 122.60 Low angle shear down CA; with heavy seri; qz flooding and minor py + stib.	09878	124.66 - 126.19	1.53			
			@ 124.35 stib stringers?						
			124.66 – 125.16 low angle shear/frac w/ heavy green seri, qz and minor stib.						
			@ 126.85 qz flood w/ 10% disem cubic py						
126.20 – 138.00	QZMZ, core brown; more QZMZ-like., still v. felsic, white to pale green; small bt dishard feld. xtals; abund qz flooding	ALT-X. Numerous orange-brown alt'n of xtals?; pos. cb-qz alt'n (fe-rich cb)	Rare py (<<1%.)	10202	126.19 – 127.71	1.52			
				10203	127.71 – 129.24	1.53			
				10204	129.24 – 130.76	1.52			
				10205	130.76 – 132.63	1.87			
		130.76 – 130.96 Heavy seri & large qz flooding	@ 131.92 narrow seri.-rich shear. 20° CA.						
			133.47 – 134.06 Fine disem aspy in bleached QZMZ, ≤ 5%	09879	132.63 - 133.47	0.84	2.49		
				09880	133.47 - 134.75	1.28	8.20		
			134.75 – 135.80 - as above, disem aspy; 5%, locally up to 8%.	09881	134.75 - 135.80	1.05	5.10		
			@ 136.70 aspy disem 5%	09882	135.80 - 136.86	1.06	1.19		
			@ 137.50 aspy disem ~10%. over ~5 cm.	09883	136.86 - 138.00	1.14	1.80		
138.00 – 138.35	ANDS; porphyritic	ALT-M, bleached; green, wkly sericitized phenos.	Rare disem py.						

CME

Hole No.: 97-37

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
138.35 - 138.90	QZMZ, pale to white, wk sheeting	ALT - S, bleached	Dissem. aspy & py; Aspy v. fn grained; py cubic, rusty. Aspy to 1%, py ≤ 3%.						
138.90 - 139.90 (approx)	ANDS, porphyritic, to sulphidized w/ aspy-py. Sulphidation overprinting typical purple ANDS texture; becomes greyer, less olive coloured; SX dissem and vnlt controlled	ALT - S	139.20 - 139.40 Heaviest SX in ANDS; ≥ 3% aspy py.						
			@139.70 QZMZ sliver next to ANDS. QZMZ w/ ~1% dissem aspy.						
139.90 - 147.68	QZMZ, wk sheeting, more typical footwall/hanging wall alt'n QZMZ Minor xenos.	ALT - M/S 139.90 - 140.30 qz-flooding, v. felsic	139.90 - 140.17 qz vning w/ dissem aspy in w/r. 5-15%.	09884	140.17 - 140.74	0.57	2.16		
			140.62 - 140.68 strong cataclastic shear zone, v. dk ser/clay; entrained qz vn frags w/ SX (aspy, py).	09885	140.74 - 142.35	1.59			
				09886	142.35 - 144.00	1.65			
			@144.88 shear zone ~10cm 60°CA; pyritic in QZMZ.	09887	144.00 - 145.80	1.80			
				09888	145.80 - 147.68	1.88			
147.68 - 148.58	ANDS, porphy. - heavy ox (Fe) staining due to sfc. exposure, fresh sfc shows bleached, alt'n.	ALT: M, bleached; green SX: ± ch. phenos	Minor py ≤ 1%.	09889	147.68 - 148.75	1.07			
			LC 30°CA						
148.58 - 148.75	QZMZ, as previous.								
148.75 - 149.15	ANDS; porphyritic; w/ zones of sulphidation.	ALT - M/S; bleached, locally SX	Py/aspy up to 10%, v. fine dissem; v. small qz vnlts. w/ SX.	09890	148.75 - 149.15	0.40			
				09891	149.15 - 150.15	1.00			
149.15 - 152.10	QZMZ, variably alt'd, typical sugary & med grained equigranular unit	149.15 - 150.13 ALT - M 150.13 - 150.70 ALT - N/W 150.70 - 152.10 ALT - W/M	Rare py (<1%)						

152.10 END OF HOLE

97-38

CME

Project name: SKUKUM
Project # : C056C
D.D. Hole #: 97-38 RELOG.

Length (m): 209.09
Grid: UTM NAD 83
Dip: -57
Azimuth: 161
Core size: NQ

Contractor: CARON
Northing: 6672831.345
Easting: 484346.539
Collar Elev.: 925.

Hole survey type:
Started:
Completed:
Logged by: TV
Date logged: 11/21/03 -

	Depth	Dip	Azimuth
Started:			
Completed:			
Logged by:			
Date logged:			

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0. - 0.91	CASING / NO CORE								
0.91 - 53.10	QZMZ ; med grained eq granular. Pink o green when fresh and v. magnetic wk qz-cb veins in fresh w/ sericitic alt halos from few cm's to ½ m+ wide ; Vnlts are typically < 5mm Minor xenoliths of DIOR / ANDS, sil fenced @20.55 7cm xeno 29.14 → Few to no intensional qz vns ; only minor hairline ± 2mm cb-seri-qz vnlts/fracs.	ALT - W / N ; variable. V. slight propylitic ; wk sericitic to V. fresh unaltered 10.43 - 11.53 prop/seri alt halo around qz vn. 11.53 - 29.14 ALT - N ; fresh 29.14 - 32.80 K-spar (?) alt ALT - M ; pale pinkish brown, v. distinct alt front, minor seri. 32.80 - 36.30 ALT - W ; wk K-spar/seri alt 36.30 - 50.55 ALT - M, K-spar alt (mor (and seri) - pink-brown tone ; w/ small fresh zones	@11.21 qz vn 2cm/ 85°CA, mass wht. Minor disem py in vn. @17.36 qz vn 1cm/85°CA ; wht massive w/ arg alt halo ~ 20cm @19.16 qz vn 2cm/85°CA ; wht massive w/ 15% disem/massive stib, poss aspy. @21.35 qz vn, somewhat sheared ~1cm/35°CA ; w/ 30cm arg alt halo. @28.37 narrow qz valt 4mm/80°A						

CME

Hole No.: 97-38

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
		50.55 - 52.31 ALT-M; K-spar decreased to v. wk; dominantly sericitic alt'n; wk clay development on fracs							
	52.31 - 53.10 SHR. Z w/ cataclastic shear; qz veins, minor SX; good clay gouge development @ cataclasite	52.31 - 53.10 ALT-K; v clay rich, seri v. abund	@ 52.31 irreg qz-seri - stkb ? vn	09033	51.25 - 52.31	1.08			
			@ 52.60 shearing 45°CA.	09034	53.10 - 54.66	1.56			
53.10 - 56.93	ANDS, porphyritic; highly frac'd; olive coloured; green phenos wk-mod qz-cb stkwk.	ALT-S. bleached, phenos sericitized (mod)	Py 3-5% dissem throughout ANDS.	09035	54.66 - 56.00	1.34			
				09036	56.00 - 56.93	0.93			
	54.08 - 54.66 QZMZ sliver/wedge @ low angle to CA;			09037	56.93 - 57.70	0.87			
				09038	57.70 - 59.13	1.43			
56.93 - 59.13	QZMZ, sheared, narrow cataclastic/pressure solt clay seri -5x frac infills oriented 50°-11 CA.	ALT M/S.; v. seri.	@ 56.93 strong cataclastic slip plane, v. dk grey to blueish clay-seri, poss SX; 45°CA.						
			@ 57.65 qz vn, slightly sucrosic, wht w/ dissem stkb?; seri, rare cb. 5cm/50°CA; above vn Py 5-10%, in QZMZ						
			58.83 - 59.13 incr shearing @ LC. w/ incr clay.						
59.13 - 72.45	ROFP (N. Meyer) UC is flow banded, highly alt'd (seri) Typical dyke w/ grey glassy qz eyes and sub-euhedral fsp laths in tan to slightly reddish matrix (25% phenos)	ALT-W. 59.13 - 59.50 ALT-M	@ 59.30 Flow banding. 25°CA.						
			LC sheared, 20°CA						
72.45 - 73.05	QZMZ, sheared.	ALT-S, qz flooded, v. seri rich	Py 3-5%.						
73.05 - 73.55	ANDS, porph.	ALT-S. v. bleached, phenos mod sericitized	Py 1-3%.						
73.55 - 74.77	QZMZ, sheared	ALT S/M, bleached, qz flooded	@ 7420 ANDS xcut w/ 10% py.						
74.77 - 79.40	ANDS; porph.; wk-mod qz-cb stkwk	ALT-S, highly bleached, seri, wk rem on fracs.	Py 1-3% overall, shatter intervals of up to 10% py. (eg 78.70)						

CME

Hole No.: 97-38

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
79.40 - 80.23	QZMZ; sheared	ALT-X, o bleached, v. pale. o sericitic w/ adno qz flooding	Py 2-3% dissem.						
80.23 - 87.82	ANDS; porph, mod qz-cb stwk	ALT-S/X, v. bleached, pheno strongly sericitized to bright green	Py 5%; dissem aggregates. - probable replacement						
87.82 - 89.56	QZMZ	82.82 - 89.56 ALT-S; v. bleached, qz-flooded; sericitic; locally clay rich on fracs	Py 1-2%. @ 83.85 fault/shear zone, gougy clay alt'd @ 84.00 ANDS xeno/dyke(?) w/ abund Qz in upper contact; ANDS w/ 5% py						
89.56 - 89.77	RHYL / qz-eye porph (Central Marker) v. pale tan to off white; <5% qz eyes	ALT-S (?)	Py(?) stylolitic pressure solf veins (~2%)						
89.77 - 90.70	HYLT / QZMZ; v. strong shearing w/ cataclastic shears - v. dk grey to brown clay + ser ± Sx	ALT-X	@ 90.00 dk ser band in cataclastic shear; poss chalcedony @ 90.50 v. dk cataclastic, fissile - forms contact w/ ROP.						
90.70 - 104.25	ROFP (Central Marker), Wk flow banding; v. pale green to buff Grey qz-eyes; ragged slightly ovoid fsp phenos	ALT-M. UC zone slightly greener, more ser.	Flow bands @ low angle to CA ~10°CA Py. dissem cubes 1-2%, locally dissem py aggregates and rare stkb. @ 90.85 yellow/orange ox'n of py vein	09039 09040 These samples to test for anomalous (~0.5g/t Au) in Central Marker.	90.70 - 92.20 92.20 - 93.70	1.50 1.50			
104.25 - 128.90	QZMZ; 104.85 - 106 (approx) sheared; w/ minor cataclastic seams (core v accompanied in the bin due to fgr exposure)	ALT-S; strong ser w/ mod clay (v. localized); bleached	106.95 - brittle/ductile shearing of QZMZ, slickenlines seen @ 108.95, 109.31, 111.14 and elsewhere Internally v. fabric w/ int'n by ser + relay qtz; minor hem.						
		112.85 - 114.85 strong bleaching and v strong ser. ALT-X	113.85 - 114.85 strong shearing w/ cataclastic 20-25°CA						

Hole No.: 97-38

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(QZMZ, cont'd)		115.50 – 115.75 strong bleaching around clay rich cataclastic zone; v. fract'd ~70°CA						
	117.50 – 125 (approx) FLT-Z; v fract'd QZMZ, rare pieces rarely over 10cm length; v. fragmented 121.77 – 122.50. ALT-V Also v. fract'd from 123.00 – 123.40.		117.75 – 119.70 (approx) shear/cataclasite of qz flooding and 5% py in veins & seams as well as disseam.						
		126.00 – 128.90 ALT-S	@123.95 narrow cataclasite ~30°CA also @ 124.23.						
128.90 – 141.96	RFP (S. Marker); light olive green to tan coloured w/ ragged, slightly granular fsp phenos (15%)	128.90 – 129.25 ALT-S; v. green sericite to wk hem/K-spar alt'n (pinkish)	UC faulted/broken core (possible core mistake)						
		Patchy alt'n continues to 130.60.	@128.71 rubbly w/ infill mineral qz + cb						
		130.60 – 141.96 ALT-M; rel homogenous, wk-mod seri alt'n w/ hem dusting; RFP @ fsp fragments. Cb alt'n mod;	@130 core mistake (QZMZ + RHYL rounded pebbles)						
	@138.40 Fsp phenos up to 5mm	134.02 – 139.10 (approx) mod-strong silicification, v. hard and locally v. glassy; rare colour slightly more greenish brown, rather than tan coloured.							
		139.10 – 140.87 numerous malachite / limonite fract w/ cb, core softer, less silicification							
		140.87 – 141.96 core incr. alt; greener due to seri, shearing masking fsp phenos;	@141.90 E. shear/fract, also RQFP, v. soft, friable; bright green						
141.96 – 150.90	QZMZ, sheared,	ALT-S	V. rare py <<1%						
		141.96 – 143.50 dk seri?, poss ckl making dark mottling of QZMZ localized spotty red hem							
		143.50 – more typical QZMZ, qz flooded + bleached w/ rich seri seams along fracs	@145.35 cb/seri fract infill ~70°CA						

CME

Hole No.: 97-38

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
			149.20 – 150.90 e. sheared, QZMZ, cataclastites; qz veins w/ 5-15% Sx; minor or wk bxt of QZMZ, (some rolled frags) @ 149.95 Sx vein w/ mass. py ~ 92 ~ 5mm / 20°CA						
150.90 – 151.80	Highly sulphidized QZMZ (?) original lithology obscured by dk Sx flooding. Does not appear to be same as Sx ANDS elsewhere; coarse grain texture, slightly pitted (more typical of highly sheared QZMZ) – cut small pc – hematite cross-grained texture w/ massive Sx replacement	ALT-X; clay-ser; + Sx.	Aspy + py 30-40%; tends v dk grey colour to core. Occassionally, thin slivers of qz-Sx vns appear w ~ 30-50% Sx; generally appear narrow – probably bx'd and entrained / flattened along foliation.	*B100884	150.91 – 151.50		45.50 g/t		
151.80 – 154.00	MYLT/QZMZ, ~ 50/50 mix of dk cataclastic clay/ser/Sx w/ highly sheared QZMZ & entrained frags (augen)	ALT-Y	Sx of py, probable aspy but difficult to recognize ~ 10-15% in mylonitic matrix						
154.00 – 157.90	QZMZ, highly sheared, lesser cataclasite;	ALT-Y; v. saricite replacement of fsp – almost textural destruction of QZMZ	@ 154.15 (approx) bx'd qz-Sx vn frags in wk cataclastic shear @ 154.70 qz Sx vn/bx w/ py poss aspy + sph (recessive), also inclusions of ser; v. low angle to CA. (~ 10°CA) 157 – 157.30 v. decomposed QZMZ – high clay alt'n, shear zone ?						
	157.30 – 157.50 RHYL dyke, pale green tan matrix w 5-10% dissem py (S. Mineral?)								
157.90 – 172.06	ANDS; porph; mod-strong qz-ab stkwk locally strong sulphidation w/ near replacement by py ± aspy, also wk dissem cubic py throughout	ALT-S/X. where less Sx, generally dirty coloured, bleached w/ sericitized phenos, when Sx'd; v. med grey to dk grey and little lim/hem alt'n	High Sx 5-15% overall 158.70 – 158.90 Sx ANDS. 30-40% Sx (py + aspy) minor qz veins						
	161.70 – 163.50 mod to strong Sulph. dated - aspy + py + minor spk			*B100895	162.15 – 163.52		31.54 g/t		
	163.50 – 164.10 QZMZ; v bleached and ALT-Y; ser; mod Sx of py			Note: There appears to be some measuring error here – may be due to core shifting in box but Sx ANDS unit measured between 161.70 – 163.50 not intervals as in Assay DB.					

High grade zone may be wider than indicated.

CME

Hole No.: 97-38

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	164.52 – 165.93 QZMZ, v. bleached, pale white and green, mod SX		@165.80 qz vnlt in QZMZ. 5mm/85°CA w/ SX around in halo (10%)						
	165.93 – 166.25 SX ANDS, med grey, 40% aspy fpy								
	167.90 – 168.10 SX ANDS. 40% SX.								
	168.28 – 168.54 QZMZ								
	168.54 – 172.06 ANDS, strong qz-cb. stkwk, rarer SX., bright green ser; planes		168.54 – 172.06 py ~ 1-2%. exception in some qz-cb vn where coarse asseu py up to 10%.						
172.06 – 185.72	QZMZ, locally sheared, mainly alt'd	ALT – S.; v. pale bleached, w/ prominent green ser;	Py sporadic 1-2%.						
		174.10 – 174.30 Sil-flooding – replacement w/ sheer w/ clay @ 174.30		* Reported intervals of samples don't appear to match flags in box – core is rough shape to estimate w/ any accuracy.					
			174.20 – 174.30 retrocleisite						
			174.30 – 177.00 5-15% disseminated SX, locally aspy needle + coarser disseminated py cubes + aggregates. Py tends to occur in qz-flooded zones or around small qz veins.						
	177.00 – 185.72 Med-grained, equigranular QZMZ.	177.00 – 185.72 ALT – M, QZMZ texture (med-grained) mostly obvious w/ clear vn alt'n grade and sheeting.		09041	177.03 – 178.31	1.28			
			178.76 – 179.15 15% disseminated py in QZMZ; @ 179.15 SX ANDS xcuts. Foliated w/ 30° SX	09042	178.31 – 179.22	0.91			
				09043	179.22 – 180.88	1.66			
		180.12 – 180.46 v. bleached, sil – replacement; minor assoc SX (py 7%)							
			@181.83 slip plane 25°CA; clay w/ yellow SX alt'n mineral staining immediate slip plane & w/s.						
185.72 – 188.20	ANDS; porphyritic, but vk, strong qz-cb stkwk.	ALT – M; v. bleached.	Py ≤ 1%						

CME

Hole No.: 97-38

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
189.20 – 189.67	QZMZ;	ALT - S/M. bleached, flooded Ser; post wk K-spar overprint	Rare py <1%						
189.67 - 190.86	ANDS; porphy – as previous ANDS. mod-strong qz-cb stwk.	ALT-M.	Py 5-1% LC 25°CA						
190.86 – 195.41	QZMZ, as previous	ALT-M							
195.41 – 207.28	ANDS, as previous	ALT-M	UC silicified w/ abund hairline fracs w/ qz-cb-ser; Wedge of QZMZ in contact zone below ANDS. 2.5cm wide 15-20°CA						
	198.44 - 199.13 QZMZ, UC ~50°CA, LC - 10°CA	@ 197.80 large porphyroblasts (?) of green ser - poss chl (?) w/ minor cb.							
	199.13 – 207.28 irregular bleaching of ANDS w/ several zones of fairly fresh med green ANDS; mostly olive brown, v. bleached - bleaching emanating from qz-cb veins and fracs.		LC 15°CA						
207.28 – 208.84	QZMZ.	ALT-S, v. bleached qz-flooded, fracs w/ clay also tension infill by chalcedony	V. fracd, probable fault zone.						
208.84 - 209.09	ANDS;	ALT-M; v. bleached.	UC - 55°CA						
209.09	END OF HOLE (HOLE TERMINATED IN FAULT?)								

CME

Project name: SKUKUM
Project #: PS6D
D.D. Hole #: 97-40 (Relog)

Length (m): 243.54
Grid: UTM NAD 83
Dip: -70
Azimuth: 142
Core size: NQ

Contractor: CAECON
Northing: 6672831.345
Easting: 484346.539
Collar Elev.: 925.

Hole survey type: ACID-ETCH
Started:
Completed:
Logged by: TV
Date logged: 11/25/03 - 11/26/03.

Depth	Dip	Azimuth

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0 - 0.91	CASING / NO CORE.								
0.91 - 79.22	DEM7, med grained, equigranular; Where fresh: plag a green, v. magnetic where altd: greenish to brown; typically has "brown-weathering" - stn ox (limonite) of core. Footwall unit typically w/ moderate qz-cb stringers & vnlts and occasionally larger extensional qz-cb ± sx vns up to 3cm; thick vns & vnlts also typically have alt halo (sericite) ≤ 50cm	ALT - sericite, dolomite below; rare propylitic generally sericitic & local ring on fract sfcs 0.91 - 1.30 ALT W 1.30 - 2.48 ALT - M. 2.48 - 2.75 ALT - W 2.75 - 5.07 ALT - M, sil; 5.07 - 6.40 ALT W 6.40 - 7.69 ALT - M 7.69 - 1. - ALT - W. 20.10 - 20.70 ALT - M. 20.70 - 26.00 ALT - W 26.00 - 28.10 ALT - M., v. brown weathering, probable K-spar or hem overprint, pinkish brown. 28.10 - 30.30 ALT - W, sil; 30.30 - 33.20 ALT - M; quite strong propylitic alt through this zone, patchy sericitic while ppy.	@ 6.29 qz-cb vn 1.5cm/65°CA, cb along salb edge core of it, minor sulf stringers. @12.15 qz vn 4cm/70°CA, mass wht qz cbs w/ banded margin (limon) w/ sulf, minor sulfs @16.16 right, here's core w/ cb vnlts (Fe alt). @18.35 qz vn 7mm/75°CA, brecc wht; strong green sil alt halo ~ 30cm wide @19.04 qz vn 2cm/75°CA dissem crs sph. @20.41 shearing w/ dissem sx (sht? - py) in altd DEM7, ~ 5cm wide, local narrow qz vnlts. @29.12 qz-cb vnlt 7mm/80°CA; cc on selv.						

CME

Hole No.: 97-40

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(QFMZ, cont'd)	33.70 – 50.77 ALT N/W, alternating fresh/weak alteration zones, widths: 0.90 – 1.00m; alt° zones pinkish brown – K-spar ± hem, minor cb-qz veins; alteration zones appear to relate to a generation of U narrow qz-cb ± epi veins. 50.77 – 53.19 ALT-W. 50.07 – 51.73 K-spar alt° 52.59 – 53.19 K-spar alt° 53.19 – 56.19 ALT-M, v. brown weathering, incr. ser. alt°, incr qz fracturing/bleaching Wk K-spar overprint 56.19 – 60.20 ALT-W, variable slightly altered to brown weathering alteration + bleaching 60.20 – 63.95 ALT-M, locally W. 60.20 – 63.95 K-spar overprint 63.95 – 64.82 ALT-W. 64.82 – 74.37 ALT-M, v. bleached, little to no K-spar. (approx.) 74.37 – 79.22 ALT – S/X, v. bleached pale green ser/clay rich; incr clay towards LC	@39.30 qz vnlt 3mm/75°CA w/ pyrite selv. w/r. ~ 1% In K-spar alt°, v. low angle fract (HB-11 to CA) w/ green ser/clay. 61 – 61.80 FLT-Z; broken core, (mod). @66.59 qz vnlt, alt° zone. 4cm/55°CA Dissem py in w/r. ~ 1% over 10cm @67.65 qz vnlt, py halo (5-10%) vnlt 2mm/65°CA; halo ~ 10cm wide 74.37 – 79.22 sheared, pyrite 1-3% in dissem cubes & py vnlts. @78.95 qz vn/flooding, ~ 2cm/30°CA w/ stub. @79.00 qz vn frag w/ aspy, ~ 3-5% dissem (fg grained) in qz @79.20 – 79.22 cataclastic shear contact w/ core.	09071	74.37 – 75.90	1.53	445		
79.22 – 86.00	ROFP, (not N. Meeker; more like Central) small grey to off white qz-eyes; also small < 3mm fsp phenos w/in RHYL matrix	ALT – variable 79.22 – 81.94 brown colouring flowbanding, 20° to CA	79.22 – 81.94 py 1-3% dissem as cubes and some replacement of fsp(?); also dissem alte aspy observed w/ minor stub.	09072	79.27 – 80.69	1.42	1.24 g/t		

CME

Hole No.: 97-40

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(ROFP, cont'd) @85.04-85.14; core split ½/½ down CA by .02MZ & ROFP; v. clay rich	81.94 – 86.00 pale green to white ALT-M	81.00 – 81.23, sev. bone w/ narrow qz-sx vnlt, diffuse aspy most prevalent here, distinct needles, up to 1mm long 86.60 – 86.90 FLT-2, v. broken core clay alt'n on fracs.	09073 09074 09075 09076	80.69 – 81.94 81.94 – 83.52 83.52 – 85.04 85.04 – 86.00	1.25 1.58 1.52 0.96	7.639/t 190 225 175		
86.00 – 90.02	.02MZ, sheared;	ALT-S; dk seri, some clay	Py 3%; local concentrations to 5% (<10cm)						
90.02 – 121.62	ROFP – typical N Marker dyke; Lge qz eyes & fsp phenos in brownish red fg groundm. RHYL matrix Deformation in dyke is primarily brittle. late fracturing & faulting throughout.	ALT-M/W.	90.32–90.77, narrow cataclasite/BX injected into ROFP (base @ 90.32) w/ qz eyes; .02MZ frags. @99.65 poss sm. flt. @99.80 fault – broken core. @101.30 fault – broken core. @117.07 5% (py) cubes on fracs, w/ bright yellow-gold (?)						
121.62 – 123.33	.02MZ;	ALT M/S; bleached, seri "brown weathering"	LC sharp contact w/ gougy, fissile material						
123.33 – 126.51	ANDS, porph; strong to intense qz-ser texture, pasty, fill silicate, high fracd; locally v. soft and friable	ALT S/X; e. bleached, pheno's serecitized to bright green - clay alt'n along fracs. - minor kaol; CO3	MC 40°CA Py absent @126.3' series of sub II qz±sx vns. wit qz w/ dark grey clay or sx. ~70°CA, 5mm – 1cm. LC shear; ~30°CA						
126.51 – 139.37	.02MZ, wk internal shearing; generally located on discrete slips.	ALT-S/M; seri, pale green cast, wk brown weathering Sx; infills fracs.	Py v. rare < 1%.						

CME

Hole No.: 97-40

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(QZMZ, cont'd)		@137.52 qz infill vns, irreg., white to translucent, ~1cm, occ 12cm.						
139.87 - 142.53	ANDS, purple; wk-mod qz-ch stwk.	ALT - S; green ser; phenos, v. bleached (wk olive color - loss sfc ox (1mm))	V. rare py <1%. LC., mildly sheared ~ 55°CA.						
142.53 - 145.90	RQFP (central), v. pale off white to tan; Flow banded near LC	ALT - M/S; v wk ser; overprint LC v. ser; rich green.	LC sheared 75°CA Flow banding ~60°CA Pyritic 2-3% dissem cubes Rare hairline Sx vnlts (stylolitic) Poss asey/sfs? 145.35-145.82 incr Sx vnlts; primarily py, ~1mm; ~3-5%; also right @ LC. LC v. sheared, above green ser; narrow Sx vnlts; contact @ 30°CA.	09077	144.86 - 145.90	1.04	190		
145.90 - 174.03	QZMZ; mod to strongly broken - brittle deformation / fault zone	ALT S; clay alt'n common in fracs, through broken zone of QZMZ. Ser absent, v. strong sfc weathering @ LC	Rare py ≤1%	09078	145.90 - 147.26	1.36	22		
			150.20 - 150.50: main fault zone, v. broken clay alt'd.						
	152.37 - 152.93 RHYL xcno(?); cut by numerous Sx vnlts; primarily py, poss others Sx such as alpo shd, but no v.s	ALT - S.	150.50 - increasing ductile shearing Sx ~10% in vnlts; some dissem cxs py.	09079 09080 09081	151.42 - 152.37 152.37 - 152.93 152.93 - 153.77	0.95 0.56 0.84	20 170		
		@154.74 hem patch in pale bleached QZMZ.	@155.20 semi-ductile shear plane ~20°CA.						
		159.75 - 165.82; v. heavy ser along fracs throughout QZMZ, ALT - X.	@157.25 narrow shear plane 35°CA @159.75 silicified, broken fissile core 50°CA						
		165.82 - 167.14 less sheared, less ser; more typical med-grained QZMZ							
	168.80 - 174.03 Strong shearing, localized cataclasites.	167.14 - incr showing a ser	@165.58 ductile shear ~90°CA, v. abund ser.						

CME

Hole No.: 97-40

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(QZMZ, cont'd)	171.17 - 172.37 ALT-✓, abund clay alt°, v. bxd/cc'd QtMZ, highly frac'd.	@170.40 strong shearing, cataclasite. 5mm/50°CA 171.17 - 172.37 v. sheared; almost bx'd @ 171.60; cataclasite @ 171.70.						
		173.26 - 173.43 qz va/flood's, weak purplish colour (sum), frac'd w/ cb.	@173.67 cataclasite, seri matrix w/ rotated QZMZ frags						
	176.23 - 177.27 MYLT zone; v. strong shearing w/ abund dk grey seri/clay matrix ± Sx. QZMZ frags looked a little, augen py locally 5-10%; v. fn disem.	ALT-✓	@171.85 qz va/flood.; cataclasite/MYLT immediately below. @175.45 qz flooding; appears barren wrt qz.; ~10cm area.						
		177.82 - 179.03 v. decomposed QtMZ (due to sf exp in sampling) ALT-X.	177.58 - 177.78 MYLT/BX QZMZ						
179.03 - 195.12	RFP (S. MARKED) - somewhat atypical. lt-med grey RHYL matrix w/ fsp phenos up to 6mm in size; quite homogenous, massive looking; wk to mod fracturing (brittle deformation).	ALT - M/S, fsp phenos slightly greenish due to seri alt° LC zone ALT-X; v. green seri	UC strongly sheared ~ 35°CA. decomposed, fissile core from 173.13 - 179.40 - major shear plane w/in RFP. @179.40 dk grey green band - looks chloritic, may be seri / silicified RFP.						
		194.82 - 195.12 ALT-X, v seri, + clay	@194.97 strong clay alt'd shear/ 4cm / 35°CA. LC ~45°CA.						
195.12 - 227.07	QZMZ; 195.12 - 196.99 strong shearing.	195.12 - 196.99 ALT X/S	195.12 - 196.99 cataclasite to bx'd QZMZ; py locally 10%. (eg @ 195.80)						
			196.50 - 196.95 qz frags (va?) w/ dk seri a. Sx around selv.	09082	196.99 - 198.50	1.51			
	196.99 - 198.19, wk/mod shearing	196.99 - 198.19 ALT - S; v. seri		09083	198.50 - 200.00	1.50			
	198.19 - 227.07 strong shearing	198.19 - 205.57 ALT - S., inter. seri in fracs (healed)							

CME

B100960 961 962 ?

Hole No.: 9740

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
		205.57 – 206.40. e. sil: ALT-X.	@ 206.20 sheet 10-15°CA.	09084	205.44 – 206.64	1.20			
			206.32 – 207.31 wk sx veins; py < 2%.	09085	206.64 – 207.50	0.86			
		207 – 212.13 v. bleached rock, qz-flooded; virtually no QZMT texture visible ALT-X.							
	212.13 – 212.90 ANDS; sheared, ALT-SX porph (phenos sericitized to bright green.)								
		212.10 – 215.41 ALT-X, v. bleached.		09086	214.25 – 215.41	1.16			NOTE: CORE WAS SPLIT BUT NEVER SAMPLED!
			215.41 – v. sheared w/ zones of cataclasites to MYLT. Trace py + local cpy.	NOTE DB correction: Sample B100965 215.41 – 216.10 incorrect; should be 215.41 – 215.64.					
	217.93 – 218.90 MYLT w/ minor QZSXBX			09087	215.64 – 216.10	0.46			
			218.30 QZSXBX; v. qz rich w/ abund sx – py + aspy (?), v. fn grained, blue grey.						
			218.95 – 219.66 wk – mod sx 'c QZMT, 5 – 15% py (variable over length); qz flooded, pale green; sx shedding from vnlts w/in wlr						
	222.90 – 223.00 ANDS xcad., ALT-SIX	222.10 – 222.07 ALT-K. 222.10 – 222.80 bleached QZMT/qz-flooded.	219.66 – 222.10 py ~ 3-5%.						
	225.33 – 227.07 MYLT / QZ VN. (QZ flooded, wk)								
			225.53 – 226.29 QZVNT w SX (aspy > py) ~ 15%; heavily sheared.						
			226.29 – 227.07 MYLT zone; cataclasites, v. strong ofp new LC						
227.07 – 228.92	ANDS (SX); mod sericitized ANDS dyke. Mid grey; locally olive brown where less SX. Sml porphyritic, trachyte v. subtle in SX zones.	ALT-S.	Py/aspy 25 – 30%; concentrates around narrow qz-cb vnlts. Py more dominant.						
			@ 228.03 qz vnlt 1cm/35°CA dissem ccs sph in vnlt; py + aspy rare in ANDS.						
			@ LC qz sx veining; 15cm/45°CA (LL to CA) py + aspy + sph.						
228.92 – 230.01	QZMZ.	ALT-S, v. bleached.	Py 2-5%; dissem						
		229.34 – 229.94 qz-flooding/replacement/ minor seri.							

CME

Hole No.: 97-40

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
230.01 – 230.82	ANDS / QFSXVN. Porphy ANDS; 4/ 6cm QFSx VN through middle of unit (230.47) ~30°CA.	ANDS - ALT-S.; bleached, olive brown;	5% Py in ANDS QFSXVN ~ 15% Sx @230.10 ANDS wispy w/ qz-cb xtals trinary rel.ty						
230.82 – 243.54	QZMZ; rel. unsheared; texture visible	230.82 – 232.30 ALT-S, bleached, pale green seri. 232.30 – 243.54 ALT M/S; typical brown weathering; 1cm sfc ox; still abund. seri;	Py rare ≤1%						
		@239.35 pink K-spar alt'n	@242.31 qz vn (sub-horizontal) 1cm/70°CA w/ minor Sx in vn ctr (aspy+py); also dissem py ± aspy in wlr alt'n halo	09088 09089	240.96 – 242.20 242.20 – 242.97	1.24 0.77			
			@243.03 qz-Sx veins; v. irreg. dissem aspy + py in wlr ~ 5-10% Sx. — also spk.	09090	242.97 – 243.54.	0.57			
243.54	END OF HOLE								

CME

Project name: SKUKUM
Project # : 2562
D.D. Hole #: 97-41 (Relog)

Length (m): 205.13
Grid: UTM NAD 83
Dip: -50
Azimuth: 130
Core size: NQ

Contractor: (AKON)
Northing: 6672831.345
Easting: 484346.539
Collar Elev.: 925.

Hole survey type:
Started:
Completed:
Re **Logged by:** TV
Date logged: 11/26/03 -

Depth	Dip	Azimuth

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0.00 - 0.91	CASING								
0.91 - 58.55	QZMZ; med-grained, equigranular; - pink & green where fresh; v magnetic where fresh - typical "brown weathering" where altered due to ser-ab-cb alt'n of predominant hbl/ilm alt'n - moderate frequency of fast-well Qz-cb extension veins, some w/ BV (stkbd)	ALT variable; high alt'n grades around Qz-cb vns & veinlets. 0.91 - 6.44 ALT-W. 6.44 - 8.93 ALT-N 8.93 - 11.30 ALT-W. 11.30 - 30.18 ALT-N (w/ a few wk alt'n haloes from extension vns)	@4.33 Qz-cb vnlt 7mm/85°CA. @5.64 Qz-cb vnlt 5mm/80°CA @5.97 Qz-cb vn 13mm/65°CA @11.29 Qz vn 15mm/80°CA. @16.78 Qz-cb vnlt 5mm/55°CA, 20cm alt'n halo. @17.27 Qz-cb vnlt 7mm/75°CA, 15cm alt'n halo. @20.94 Qz-cb vn 1cm/60°CA @23.05 Qz-cb vn 1cm/60°CA. @25.35 Qz-cb vnlt 2mm/55°CA					
	625.16 Diorite(?) xeno. 45cm								
	30.18 - 31.62 ALT-W, brown weathering. 31.62 - 32.46 ALT-N; 32.46 - 35.96 ALT-M, brown-weathering wk K-spar overprint. 35.96 - 37.69 ALT-W/N 37.69 - 40.62 ALT M; K-spar overprint, propylitic								
	33.52 - 33.74 fine grained xeno (?) inclusive, similar colour, alt'n as QZMZ, ..		32.96 - 33.03 3 Qz-cb vnlts 2-5mm/60°CA @39.74 Qz vnlt 2mm/55°CA @40.16 Qz vnlt 5mm/60°CA						

CME

Hole No.: 97-41

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	52.12 – 53.87 v. strong silicified QZMZ, strong seri, sv (pg), minor clay. ALT – X	48.16 – 52.12 strong propylitic alt'n some bright green seri, but infrequent 52.87 – 53.55 ALT – S, smeared, qz flooding, seri	52.12 – 57.87 Py 5%.		Note: historical samples collected here. A.F.U. Core split from 51.21 – 52.12 and 52.93 – 53.43 and treated as one sample 52.12 – 53.43. – will resample, quartering where necessary, new intervals below,				
					52.12 – 53.43	1.31			
53.55 – 54.06	BX ZONE between QZMZ + RQFP Various lith frags of QZMZ, RQFP, Qz Vn. Abund seri in matrix		@ 53.86 shear planar/wl gouge 2.5cm / 30°CA.		53.43 – 54.06	0.63			
54.06 – 69.30	RQFP, (N. MARKER) typical w/ lrger qz-eyes + fsp phenos in brownish RHYL matrix; also abund irreg clay alt'd (?) xenolithic frags – unknown lith Overall quite competent w/ narrow zones of broken core – brittle deformation	ALT – W/M	@ 56.02 shear/fault?; strong green seri alt'n in immediate area around fault ~ 30°CA; w/ some lower angle fracs.						
69.30 – 69.61	ANDS, smeared.	ALT – X, v. seri w/ chl, esp @ UC, green seri phenos.	Py 2%						
69.61 – 70.22	QZMZ, v. smeared	ALT – S/X.	Py 1-2%						
			@ LC calcite/qz 30°CA						
70.22 – 72.07	ANDS; fsl ph.; mod qz-cb stwk 70.22 – 71.00 sheared.	ALT: S/M, mod seri phenos, olive coloured, bleached.	Py 1-2%.						
72.07 – 73.73	QZMZ,	ALT – M	LC 30°CA.						
	73.39 – 73.73 strong shearing		72.07 – 73.39 Py < 1%						
			73.39 – 73.73 Py ~ 5%, dissem in QZMZ + in small "lath" shaped aggregates; also in tension gash w/ qz + cb.						
73.73 – 80.07	RQFP; Central Marker; typical unit, w/ smaller fsp phenos + qz eyes than N Marker; fsp more sericite (50% – can be)	ALT – M/S, ; slightly pitted, some cb, clay, seri alt'n							
80.07 – 81.80	RQFP, N. Marker, w/ smeared upper lower contacts; appears to contain xenoliths of Central (?); incr. alt'n	ALT S/M.	UC 40°CA LC ~ 40°CA, broken core						

CME

Hole No.: 97-41

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
81.30 – 89.50	RQFP, Central Marker style dyke again. 82.36 – 82.54 QZMZ; ALT-S.	ALT M/S. 83.49 – 84.90 ALT-S ⟶	Py 1-2%, disem cubic ± aggregates 83.49 – 84.90 ALT-Z @ 84.40 fine banding, 25°CA; ± alt'n around fractures/veins						
89.50 – 112.07	QZMZ, sheared. 89.71 – 89.81 AND5 xeno(?), porph 90.02 – 90.55 AND5 xeno; porph. 90.76 – 90.95 RHYL xeno? pyritic w/ stb. (5-10%), strong ±sec cataclasite along contacts 91.35 – 91.60 v. sheared; probable intermixed ⟶ AND5 (green sericitic phenos), strong cataclasites (dk grey/brown) [Bov 19; v. sfc exposure – decomposed QZMZ; suspect rel. intensities, ALT-S] [Note between 107.5 and 112.00, samples taken, no results reported in historical logs and not in DB – will resample using same intervals as marked by flagging] 109.78 – 109.90 (approx) AND5.	89.50 – 94.41 ALT-S, locally X ALT-X 94.41 – 97.89 ALT M/S wk shearing; seri, local qz flooding 99.00 – 99.65 ALT-X 99.05 – 108.05 ALT-S. 108.05 – 112.07 ALT-X, clay alt'n	89.50 – 94.41 sheared QZMZ w/ zones of cataclasite; generally under 2cm wide, pyritical assoc but rare @ 90.53 dk grey cataclasite. @ 91.25 qz-sx vn (rags) w/ py, sph, asPy 91.35 – 92.35 brx'd 97.39 – 100.12 strong shearing; ~30°CA; zones of cataclasites, Minor assoc py ≤ 3%, disem in QZMZ, and some assoc w/ clay-seri cataclasites 97.63 – 97.93 cataclastic zone; strong shearing 98.50 – 98.75 cataclastic zone, also @ 99.00 – 99.65 v. strong shearing in QZMZ 108.05 – 112.07 v. sheared, strong clay ± soft, fissile/friable. @ 111.28 py in QZMZ, 10%	09093 09094 09095	107.50 – 108.27 108.27 – 109.95 109.95 – 112.07	0.77 1.68 2.12		Intervals approximate due to poor core condition	
112.07 – 125.37	RFP, (South Marker); v. pale green to greenish-brown (bleached?) colour matrix w/ rare fsp phenos	112.07 – 112.38; seri alt'n near U/C, ALT- variable W/M to S @ contacts, fine patchy alt'n	U/C; sheared, cataclastic contact in QZMZ.						

CME

Hole No.: 97-41

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(RFP, centre) core v. competent, few breaks	112.37 - 113.05 ALT-M 113.05 - 115.15 ALT-W/N 115.15 - 125.03 ALT - M/W. 125.03 - 125.37 ALT S/X,	@125.32 mass cb vns - 1 cm. 125.03 - 125.37 strong shear / fault a dx zone @ LC w/ QZMZ - frags of QZMZ, QZ VN & RHYL matrix.						
125.37 - 126.80	MYLT; dk grey/brown sericitic clay matrix w/ rounded, milked QZMZ frags; rare QZ VN frags & RHYL frags.	ALT-X	Py ~ 5%, fn dissem						
126.80 - 127.51	QZMZ, v. sheared	ALT-X; qz flooded; v. sericitic, QZMZ texture obscured.							
127.51 - 129.36	QZMZ/MYLT, v. sheared; numerous cataclastic shear stringers, marginally veined QZMZ frags.	ALT-X							
129.36 - 139.86	QZMZ, mod sx?, primarily fg; fuss aspy; v. sheared.	ALT-X, qz flooding, wk bleaching, incr downhole. above sericitic, wk clay	Py 10%; aspy 1-3%. @130.50 15-10% py-aspy; qz vn / flood						
	@133.05 ANDS xenol?; mod silicified w/ py+asPy (15-20%)								
		134.95 - 139.27 v. strong bleaching and qz replacement flooding	134.95 - 138.27 Py occ / aspy disappears 1-2% py. 138.27 - 139.86 Incr py+aspy as per 134.95 10-15% dissem SV in QZMZ						
139.86 - 143.07	RFP; similar to 50th Marker, stronger alteration, vuggy, above hem alt'n on fractures Pegged wht fsp phenos (15-20%)	ALT - S. Preferential zones of sericitic alt'n (flow bands?), trace network of hairline fracs of hem alt'n	@142.28 hairline Sx vein w/ yellow rim? alteration. 55°CA	09096 09097	139.86 - 141.42 141.42 - 143.07	1.56 1.65			
143.07 - 169.30	QZMZ, sheared.	ALT - S/X; v. bleached; above qz flooding; minor veins.	LC sheared; fractured 143.07 - 143.70 Py; aspy 20%; finely dissem 143.70 - 144.17 decr Sx to 5-10%. + Shd? @144.96 qz vn w/ Sx halo; aspy dissem in vn fracs ⊥ to vein orientation, also CCS Sph - 1cm / 50°CA						

CME

Hole No.: 97-41

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(QZMZ, cont'd.)		@147.05 pass fault; rubbly core Minor dissem aspy throughout unit to rare lith break, but spotty; py dissem throughout, occasionally dk brown alt'n edges 151.43 - 151.48 . 5% rock QZMZ. Py/aspy incr. below. fn dissem. Incr. qz vns w/ aspy. 157.70 - 153.93 5% rock QZMZ aspy + py 15-25% @153.10 qz-5% vn. @153.45 diffuse qz-5% vn. @153.65 qz-5% vn, w/ interstitial aspy/ncl. mafic texture; After 153.93. 5% decr. rapidly though still present @154.45 qz vnlt., irreg w/ 5% mafic @154.97 qz vnlt; w/ small zone of dissem aspy/py in wall-rock, no halo @155.30 qz vnlt 5mm/35°CA; w/ aspy/py halo x 1.5cm wide 161.47 → continuous recessively sulphidized QZMZ; w/ aspy>py Aspy always v. fn grained. @165.90 v. crs large py (townwork) 4mm; assoc w/ qz-cc vnlt.						

[BOX 29 155.54-161.47 dropped, unfortunately w/ core lost; frequent indicated only. QZMZ, w/ variable 5% locally high, in general low; QZMZ highly oxte due to sfc exposure - will cross-ref historical log in this area for any details]

CME

Hole No.: 97-41

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
169.37 – 183.52	ANDS; porph; very able qz-cb stkwk; occasional later cross cutting qz-sx vn event, invariably assoc w aspy+py and high Au grades. Where ANDS shows olive colour, cmbd qz-cb vn/stkwk; v. low Au; where dark-mod grey cmbd qz-sx vn – high Au.	ALT-S.	Variably sx ≤ 169.30 – 170.65 olive coloured w/ seri phenos, minor sx. (py only) 170.65 – 171.60 Sx ANDS. 171.60 – 172.39 olive ANDS, minor py, some late stage cubic py.						
	[Box 32 172.39 – 178.00; v. little core; picked over for samples several times. Lith appears to be only ANDS, generally v. sx; few qz vn's w/ aspy + crs sph. Accurate measurement in box not possible.]								
	[Box 33 178.00 – 183.73, much as previous) lith divisions very rough estimate.]								
	179.95 – 180.50 QZMZ 180.50 – 181.71 Sx ANDS. 181.71 – 183.52 ANDS, minor py + asPy	ALT-S ALT-S ALT-S							
183.52 – 184.06	QZMZ;	ALT-S.	Py ≤ 2%, cubes common on fracs.						
184.06 – 184.58	ANDS, porph.	ALT-S; mod-strong seri phenos	Aspy + py concentrating @ UC/LC (up to 40% over 5cm) @ UC qz-sx in +/- crs sph						
184.58 – 187.21	QZMZ	ALT-S; v. bleached, qz flooding; Ser on fracs, minor clay alt also on fracs	@185.35 qz-sx vn/t; Asso assy in core of vn/t. @186.99 qz-sx vn/t, w/ assy halo ~1.5cm wide @ LC qz-flooded.						
187.21 – 188.72	ANDS; porph; stkwg to intense qz-cb stkwk.	ALT-S; generally olive coloured & pervasive, structure; strong seri phenos.	Minor sx;						

CME

Hole No.: 97-41

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
189.72 – 205.13.	QFMZ.	ALT-S, seri, bleached	uc zone (30cm) w/ sx'd QFMZ 10% py+cspy.						
	189.03-189.44 a decomposed clay alt'd QFMZ; probable fault or major shear. ALT-X		189.44 – 189.60 sheared QFMZ w/ minor calcite/silic str. veins						
	189.60 – 195.40 rel competent QFMZ. ALT M/S	189.60 : ALT-M, propylitic & Sericitic; fracs w/ infill by qz(chalcedony) & cb	@193.58 chalcedony vn 1cm/30°CA.						
		@197.15 ALT-X over 10cm, clay-cb dlt or fracs.							
		199 – 199.70 chalcedony flooding and tension/ earth infill. Seri alt'n stronger here. ALT-S							
		@200.5 clay alt'n strong on fracs							
	201.50 – 202.44 ANDS; porph, olive coloured ppg, low angle to CA uc/lc, ~10°CA								
	202.16 – 202.27 ANDS. uc/lc ~ 60°CA.								
	203.84 – 203.91 ANDS stronger.								
		203.91 – 205.13 ALT-S/X, strong clay alt'n - poss fault zone.	@204.06 chalcedony vn? w/ sx; ~5%; py → poss alt'd ANDS.						
205.13	END OF HOLE.								

CME

G 97-42

Project name: SKUKUM
Project #: CPS6C
D.D. Hole #: 97-42 (Relog)

Length (m): 151.79m
Grid: UTM NAD83
Dip: -50.5
Azimuth: 180°
Core size: NQ

Contractor: Cwon
Northing: 6672837.557
Easting: 484296.628
Collar Elev.: 932

Hole survey type: ACID
Started:
Completed:
Logged by: TV
Date logged: 10/14/03

Depth	Dip	Azimuth

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0 - 0.91	CASING/NO CORE								
0.91 - 23.07	QZMZ, med grained, equigranular @13.70. narrow ANDS dyke/vein (bleached and limonitized) 30°CA, 5cm.	ALT W - propylitic, brown weathering (hem) due to str. exposure, Locally increased argillic alt^	@5.20 cb-qz vning, vuggy, recrystallized qz. m vugs.						
23.07 - 26.82	ANDS dyke, bleached, porphyritic, wk-mod cb-qz transcurrent fill stkwk; colour variable from olive to dk green 24.64 - 26.30 QZMZ. @ 26.44 strong hem alt^ of ANDS	ALT- M; cb-qz vnlts up to 1cm, frac-fill	Minor py assoc w/ sheared contacts UC. 80°CA						
26.82 - 37.95	QZMZ, as previous; sheared	ALT - M	27.78 - 29.90 zone of dk grey mylonitic/shear sx vnlts. [A historical samples collected here but no record on logs or in database — resampled] @ 37.55 internal mylonitic shear (QZMZ) chlor. alt	10001 10002 10003 10004	26.82 - 27.78 27.78 - 29.20 29.20 - 29.90 29.90 - 30.96	0.96 1.42 0.70 1.06	10 615 105 25		
37.95 - 39.06 39.06 - 39.28	ANDS - strongly bleached; porphyritic (sevi) QZMZ, strongly sheared; mylonitic shear @ 39.25 ~ 3cm, right @ contact w/ FQFP (~60°CA)	ALT - S, sevi, weak S:I(?)	Shear (mylonite) w/ abund fn-grained py (5-10%), poss aspy.	10005 10006	37.95 - 39.06 39.06 - 39.28	1.11 0.22	15 350		

CME

Hole No.: 97-42 (Rlog)

Scale	From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	39.28 – 45.11	ROFP; buff to tan; abundant qz ± fs phenos (10% qz, 15% fsp)	ALT - W. (str oxidation has hem/lim alt'd rock)	trace py.	10007	39.28 - 40.54	1.26	15		
	45.11 - 45.45	Mylonite, pyritic, dk grey/brown milled qz eyes, ~ 10-15% py forms shear contact between ROFP & QZMZ	ALT - S	Abund str, dom py	10008	44.16 - 45.11	0.95	10		
	45.45 - 46.72	QZMZ, sheared	ALT - M/S.		10009	45.45 - 46.72	1.27	495		
	46.72 - 48.01	ANDS dyke, as previous, bleached w/ rel. abund seri (green)	ALT - S		10010	46.72 - 48.01	1.29	70		
	48.01 - 54.25	QZMZ, bleached,	ALT - M seri, dominant	@375 dk grey pyritic? shear.	10011	48.01 - 49.68	1.67	70		
	54.25 - 59.08	ROFP, rare qz phenos than previous			10012	49.68 - 51.21	1.53	15		
					10013	51.21 - 52.73	1.52	25		
					10014	52.73 - 54.25	1.52	35		
					10015	54.25 - 54.99	0.74	680		
					10016	54.99 - 56.56	1.57	570		
					10017	56.56 - 58.20	1.64	690		
					10018	58.20 - 59.08	0.88	355		
				@LC, sheared 55°CA						
	59.08 – 84.95	QZMZ; as previous	ALT - M. seri,		10019	59.08 - 59.59	0.51	45		
		55.41 - 60.35; competent QZMZ w/ ANDS dyke @ 58.10 - 58.85								
		60.35 → core v fragmented due to sampling; probably was v. soft, appears strongly sheared.	ALT S/X.	Black mylonites w/in QZMZ... dominantly pyritic						

CME

Hole No.: 97-42 relog

Scale	From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
		(Sheared QZMZ cont'd)								
		69.69.30 RHYL DYKE ?, lt grey, fine grained	ALT S/X.	@ 72.65 qz vns, py + gypsum < 5% diffuse & blebby						
				@ ~ 73.40 v. strong black, mylonite shear, ~ 7cm						
		79.70 – 80.10 ANDS bx.		79.70 – 80.10 (approx) RHYL bx, w/ dk grey → black matrix, some py, looks more chloritic, qz eyes.						
		80.10 – 81.10 ANDS sheared w/ mylonite fabric @ 8°	ALT – X ALT – S	@ 81.32 white qz vn, irreg edges, may be a sil-flood.						
		81.43 – 81.69 ANDS, sheared.								
				@ LC; extremely sheared, altered QZMZ against relatively competent RFP.						
	84.95 – 92.74	R(O)FP, (with marker); flow banded aphyric UC, 15-25% fsp phenos + local green seri bands.	ALT – M/S.; seri most common some hematite.	UC – 45° CA flow banding – 40°						
				Strongly sheared LC; 92.35-92.74 30° CA						
	92.74 – 92.97	QZMZ, extremely sheared, qz clasts (?) w/ SX.	ALT – S.		10020	90.83 – 92.35	1.52	15		
					10021	92.35 – 92.79	0.44	10		
	92.97 – 109.98	ANDS, extremely fractured & sheared but healed w/ qz (cb) veins; locally porphyritic w/ chl / seri	ALT S.	Mod to locally intense tension-fill qz (cb) stkwk.	10022	92.97 – 93.88	1.09	15		
		Numerous inclusion throughout of "injected" sheared QZMZ, extremely altered (S/X)		locally pyritic to 2%, in general v. minor << 1%	10023	93.88 – 95.26	1.38	< 5		
					10024	95.26 – 95.75	0.49	< 5		
				@ 96.86 core noted "ASPY"	10025	95.75 – 97.02	1.27	30		
				pass v. fine grained, acicular aspy, but difficult to positively identify	10026	97.02 – 97.90	0.88	50		
			97.90 – 98.30 v. clay alt'd QZMZ, leached.	@ 97.10 lt brn qz vn. 1cm/40° CA.	10027	97.90 – 99.04	1.14	20		
					10028	99.04 – 100.50	1.46	10		
					10029	100.50 – 102.10	1.60	25		
					10030	102.10 – 103.60	1.50	10		
					10031	103.60 – 104.78	1.18	35		
					10032	104.78 – 106.07	1.29	30		
					10033	106.07 – 107.18	1.11	10		
					10034	107.18 – 108.84	1.66	< 5		

CME

Hole No.: 97-42 (1109)

Scale	From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	109.98 – 110.91	QZMZ, sheared	ALT-S.	↑ (more up here)	10035	108.84 – 109.98	1.14	3249/t		
					10036	109.98 – 110.91	0.93	10		
	110.91 – 112.17	ANDS, sheared	ALT-S	10938 – 10980 5% shear zone, dominantly py (~30-40%) poss cspy but not identifiable.	10037	110.91 – 112.17	1.26	5		
	112.17 – 117.42	QZMZ, sheared (with minor ANDS intervals)	ALT-S		10038	112.17 – 113.69	1.52	5		
					10039	113.69 – 115.21	1.52	10		
					10040	115.21 – 116.22	1.01	<5		
	117.42 – 120.30	ANDS, sheared.	ALT-S.		10041	116.22 – 117.42	1.20	<5		
					10042	117.42 – 118.93	1.51	10		
	120.30 – 121.94	QZMZ, sheared	ALT-S/M.		10043	118.93 – 120.30	1.37	5		
	121.94 – 122.83	ANDS, sheared	ALT, M		10044	120.30 – 121.94	1.64	5		
					10045	121.94 – 122.83	0.89	<5		
	122.83 – 128.97	QZMZ, strongly sheared	ALT-S.	6124.22 small fault, strong seri alt'n	10046	122.83 – 124.36	1.53	<5		
					10047	124.36 – 125.88	1.52	75		
					10048	125.88 – 127.41	1.53	<5		
				125.79 – 125.79 Faulted, broken rock	10049	127.41 – 128.97	1.56	20		
	128.97 – 130.20	ANDS, sheared	ALT-S.		10050	128.97 – 130.20	1.23	5		
	130.20 – 151.79	QZMZ, sheared	ALT-M/S							
					10051	130.20 – 131.70	1.50	480		
		132.25 – 132.39 ANDS; strong sheering wk. brecciation			10052	131.70 – 133.20	1.50	80		
					10053	133.20 – 134.20	1.00	685		
					10054	134.20 – 135.95	1.75	1479/t		
		135.95 – 136.75 ANDS in Fault Zone (v bleached, looks RHYL, except typical bleaching colour of ANDS; v. few green phenos.			10055	135.95 – 136.75	0.80	130		
				137.38 – 137.50 Strong mylonitic shear zone; esp @ 137.56. (dk grey/brown) 5% (py ~2-5%)	10056	136.75 – 138.07	1.32	145		
					10057	138.07 – 139.60	1.53	5		
					10058	139.60 – 141.12	1.52	30		
			141.02 – 142.71 bleached QZMZ; no orange/pink colouration	137.58 – 138.07 v. bleached, clay-alt'd, faulted						
		142.71 – 142.90 ANDS, sheared 40°CA, ~7cm TW, sheared QZMZ below								
			144.46 → EOH; decr. shearing and alt'n to M/W; typical rel. massive brown weathering QZMZ.							
	151.79	END OF HOLE								

CME

G 97-44

Project name: SKUKUM
Project #: CPS6C
D.D. Hole #: 97.44 (2olog)

Length (m): 252.37
Grid: UTM NAD 83
Dip: -73
Azimuth: 180°
Core size: NQ

Contractor:
Northing: 6672842.694
Easting: 484296675
Collar Elev.: 932

Hole survey type:
Started:
Completed:
Re **Logged by:** TV
Date logged: 10/22/03 - 10/24/03

Depth	Dip	Azimuth

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0 - 0.91	NO CORE - CASING								
0.91 - 49.25	DIORITE, med grained, minor mafics, consisting of plagioclase and altered hbl.	ALT - W; variably K-spar alt'n and propylitic, wk, local seri Core is grassy, weathered brown due to surface exposure.	Rare to absent py. 4.83 - 6.37 v. long low angle frac down CA; frac coated w/ green sec. + chl. @9.44 wht qz vn 5mm/50°CA. 10.31 - 12.20 another long low angle to CA frac, w/20 qz cb vn/ng						
		15.53 incl propylitic alt'n	@13.92 narrow dk grey smear(?), 5mm/80°CA						
		@19.50 dk green chl + red hematitic patch	23.00 - 27.45 qz cb vn/ng @23.43 qz vn/s - dk grey smear plane(?) @ 8°CA						
	@3.55 ANIS detected 3cm/35°CA	27.55 - 27.95 ALT - N	@28.85 1cm/55°CA cb-qz vn.						
			@34.57 narrow 1mm ss unit (py)						
			@40.52 smear 35°CA, ~ 1mm						
			@44.30 fault, ~ 25°CA.						
		46.60 - 49.25 ALT M/S strong propylitic w/ clay alt'n on frac's, cav., localized seri sitic, appears S oriented near LC.	@48.75 qz-sx vn 3cm/25°CA v fn calcium silic, poss asso'd sulf	10118 10119	48.16 - 49.25 49.25 - 50.70	1.09 1.45			

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
49.25 - 53.17	ANDS dyke; dk green, porphyritic; phenos v. dk green, pyritic often assoc w/ these in altered areas. Matrix med green	ALT W/M. - upper contact zone bleached - hematitic frac sets (red) - qz-cb stockwork; mod intensity	UC faulted - broken core. 49.25 - 49.83 py 5% (bleached ANDS) 49.83 - 51.21 rubbly core - FLT-2. 51.21 - 53.17 py ~ 1-2% disem. LC currently faulted, broken core.						
53.17 - 56.28	QZMZ, as previous, less alt'd.	53.17 - 53.67 ALT M., Ser. 53.67 - 56.28 ALT W; minor int zones of K spar alt'n, mostly propylitic							
56.28 - 72.54	ANDS; as above.	ALT. W wk qz-cb fracture/vein infill	UC ~25°CA; intruded by QZMZ stringer Py. 1-2%, except minor bleached zones ~5%						
	57.47 - 58.00 QZMZ xcad								
	~67.30 wedge of QZMZ in ANDS - emplacement has bleached ANDS to olive colour. ↳ 67.74 QZMZ.	67.74 → v. bleached ANDS w/ 5-10% py disem	61.50 - 67.00 core v. broken, rubbly. FLT-2 (Some reground core due to coring)						
	68.44 - 70.00 QZMZ; ALT-M; bleached & qz flooded;		⊕ 69.80 (approx) qz-sx vn; 5cm/20°CA py, sph, poss cpy + sph; 25-30% sx Very fine core around vn; probable shear contact w/ ANDS below vn.						
	70.00 - 72.54 ANDS highly sheared, alt'd; olive brown, wavy frac throughout; py ~ 2%	ALT - S - ser; minor hem qz-cb veining; mod-strong							

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
72.54 – 84.47	QZMZ; wk smearing,	ALT W/M, brown weathering strong propylitic w/ wk seri, though locally replacing fsp xtals (green)	@77.11 Fault?, shear?, gouge core w/ qz + seri + clay; ~20°CA, 1.5cm.						
	77.90 – 84.47 core quite competent, consistent equigranular QZMZ, ALT – M/W.								
84.47 - 91.10	ANDS, bleached, olive coloured, porphyritic	ALT - M; phenos sericitized green; – mod qz-cb stockwork.	Py to 5-10%, up to 3mm patchy disseminations, often w/ chl/wh halo around						
	85.48 – 85.83 QZMZ	86.30 – 87.80, mod-strong qz-cb stkwk.	@85.41 shear w/ abundant dk grey hairline fracs into wallrock; 20°CA						
91.10 - 96.49	QZMZ; wk smearing; tends to be fractured along distinct sericitic bands; numerous narrow ANDS dykelets and/or xenos	ALT - S - bleached, sericitic, mod brown weathering; mod clay on fracs and beginning to develop in matrix	92.10 – 92.35 v. chl'd (clay), frac'd FLT_7. @92.33 shear plane 40°CA; w/ AN-DS						
96.49 – 99.03	ANDS; sheared,	ALT - M; (strong sfc exposure limonitic/mn weathering to brown sfcs)	Upper and lower contacts faulted w/ rubbly core; Ent ix unit is frac'd w/ frac planes oriented 30-50°CA						
			@ 98.00 qz vn, stockworked, 5cm/ 85°CA.						
99.03 - 104.28	QZMZ;	ALT - M/S	99.03 – 100.17 FLT_2						
			@101.50 shear plane, dk grey clay; poss mylonite; v. fissile, clay-rich						
104.28 – 109.88	ANDS, porphyritic; qz-cb stkwk (mod)	ALT – M, bleaching near contacts w/ increased sericitization of phenos (bright green); – minor hem on frac sfcs & qz-cb veins	UC; 35°CA, ANDS bleached w/ dissem py ~ 5% over 20cm.						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
108.82 - 112.25	QZMZ	ALT - X ; clay rich, completely sericitized, esp near contacts	LC 70°CA ; core broken and leached for 1m. @ 111.10 shear plane, mylonitic bx 35-40°CA.						
112.25 - 116.02	ANDS, sheared, porphyritic	ALT - S/X , v. bleached through entire unit - 97.cb texture still stuck - minor rsm.	UC sheared, clay altered 45°CA Core in general fair'e broken / faulted. LC fair'e broken						
116.02 - 119.80 119.80 - 125.68	QZMZ ANDS ; porphyritic 119.83 - 119.9 QZMZ ; 42-58°CA 120.88 - 121.32 QZMZ ; 35°CA.	ALT - S (Generally highly bleached w/ local zones of W/M alt'n (still green) Brown green seri common phenocryst alt'n	Bleached ANDS generally 7 - 50% disseminated py LC 35°CA. 122.50 - 122.70 FLT. ?. 124.10 - 124.54 qz.cb.rsm vnlts; 5-10cm / 10°CA						
125.68 - 133.11	QZMZ, sheared, but competent	ALT - X/S clay, seri alt'n, clay typically at contacts and major fracs Probable sill inclusions 128.30 - ALT - S.	UC, sheared, clay-alt'd 45°CA. 132.63 - 132.88 mylonite ! ; bx'd, milled QZMZ - dyke ?, moves erratically through core. ; 1cm wide						
133.11 - 134.05	ANDS.	ALT - M/S							
134.05 - 156.54	RQFP ; 02, fs phenos 10 - 20% ; core buff white to occasionally pinkish (K-spar and/or hem.)	ALT - M; grade sericitic, clay on frac faces. Hem'e fm alt'n along hairline fracs., Core w/ orbicular/nuggy texture. (clay removed)	LC faulted against RQFP						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	(RQFP cont'd)	149.50 - 150.75 ALT - X in FLT_2	149.50 - 150.25 FLT_2; low angle. fault planes, 15-25°CA.						
			@151.64 Fault, v. broken, crushed core.						
			@156.35 low angle mylonitic shear 5°CA.						
				10120	155.13 - 156.58	1.45			
156.54 - 157.5	MYLT - SILIC-2 / DAMAGE ZONE, v. strong shearing, appears to be mix of AND3/QZM2, v strongly alt'd	ALT - X	Mylonitic seam/cataclasite @ UC.	10121	156.58 - 157.50	0.92			
				10122	157.50 - 159.00	1.50			
				10123	159.00 - 160.50	1.50			
157.50 - 164.66	QZM2; e. sheared	ALT - X; v soft, clay rich	Main shears @ 157.95, 158.34, 158.62 and 159.95	10124	160.50 - 162.00	1.50			
				10125	162.00 - 163.50	1.50			
				10126	163.50 - 164.66	1.16			
			@160.37 mylonitic/BX; qz augen. v. soft & sheared, 30-50°CA.						
		local K-spar alt'n	161.50 - 162.00 - fine'd hematitic						
			162.26 - 162.63 BX in QZM2.						
164.66 - 168.34	MYLT / QZ VN; strong mylonitic, pale grey fabric developed in QZM2 (?), cored by a massive qz ± shb ± py ± apy VN. (75% SV)	ALT - X							
	164.66 - 166.05 MYLT.								
	166.05 - 166.25 QZ-PX VN								
	166.25 - 168.34 MYLT.								
168.34 - 169.88	QZM2 ?; extremely sheared & brecciated, possibly intermixed RQFP from 169.40 - 169.60.	ALT - X; clay/seri		10127	168.34 - 169.88	1.54			
169.88 - 173.58	RQFP to RFP.; qz phenos (eyes) are greatly more abundant from 172.08 - 173.58	ALT - X; clay, seri	169.88 - 172.08 FLT-2; extremely sheared and clay alt'd	10128	169.88 - 171.40	1.52			
				10129	171.40 - 172.08	0.68			
	172.08 - 173.58 RQFP, qz eyes appear to contain dk grey-blue PX - unable to resolve. Unit also appears to have been qz-flooded & silicified.	ALT X/S.		10130	172.08 - 173.58	1.50			

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
173.58 - 177.00	173.58 - 176.80 Competent RFP, abundant ragged white to brown fsp grains up to 30%.	ALT - S/X, core extremely bright green due to seri alt'n	Trace diseam py.						
	176.80 - 177.00 Sheared RFP contact zone w/ QZMZ below		LC 20°CA						
177.00 - 197.24	QZMZ, v. sheared, alt'd, bx'd. Large qz "clasts" with green seri matrix. Contains highly mobilized, rolled & locally milled	ALT - X - seri dominant qz. flooding throughout.	177.97 - 178.37 bx						
			@ 187.29 ductile shear zone.						
			190.15 - 192.30 sheared QZMZ w/ mylonitic stringers and mass wht. qz vn w/ 5% @ 191.29. (Gd% - 5%) - probable assay.)						
			191.60 - 191.80 qz bx w/ mylonitic black matrix	10:32	191.78 - 192.94	1.16			
			192.33 - 192.53 mylonite, sheared QZMZ	10:33	192.94 - 194.69	1.75			
			192.53 - 192.53 qz vn 3%; 1% py						
			192.53 - 196.07 v. dk mylonite zone. 44cm w/ v. fn grained 5%, poss asfy, mostly py						
	196.07 - 196.37 KHYL, ROF?, v. sheared, mirror sx								
			196.38 qz vn w/ mylonitic QZMZ continuing to 197.24.						
197.24 - 219.10	RFP; tan, off-white, quite massive and competent, fine network of hem alt'd fn matrix fract's, fsp grains up to 2mm,	ALT - M.; dominantly seri extreme upper contact is ALT - X over 5cm	UC sheared 30°CA	10:34	197.24 - 199.53	2.29			
	Note: only 7cm of core between block markers 197.51m (648') and 199.03m (653'). Core between fits core on either side. Probably extra block placed. Our error has been continued to end of run. Hole 97.44 probably should be 1.52m (5') shorter than reported								

CME

Hole No.: 97-44

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(RFP cont'd)		LC (219.10) Faulted/sheared ~40°CA Flow banding also ~50°CA.						
219.10 – 240.60	QZMZ; highly sheared & rock generally pale green; moderately broken	ALT-Y; seri ± clay bleached.	Minor dissem py cubes <1%						
			219.10 – 219.55 shearing in QZMZ, rubbly shear planes, consistent frac angles.						
			225.10 – 226.10 (historical sample – 7.47 g/t Au) Dissem py + aspy in QZMZ; centred around 5cm wide qz-sx vn. 50% sx + aspy, py. – dissem aspy in wk ang qz stockwk a remote dist to qz fracturing						
	@ 228.50 FLDK ? white diffuse, v. fn grained	228.93 → ALT decr to S. Still v. seri ± ck, wt clay except a few a shear localities		10135	226.10 – 227.60	1.50			
				10136	227.60 – 229.10	1.50			
			@ 229.65 shear/fault; dk grey matrix.	10137	229.10 – 229.90	0.80			
	232.48 – 232.98 ANDS dyke, complexly faulted into QZMZ. – aspy + py			10138	229.90 – 231.10	1.20			
			232.48 – 232.98 py + aspy assoc w/ ANDS dyke. Py occurs in several large patches of dissemination, as well as fn cubic xtals, aspy needles seen dissem in ANDS + assoc w/ qz veins.	10139	231.10 – 232.48	1.38			
				10140	232.48 – 232.98	0.50			
				10141	232.98 – 234.50	1.52			
				10142	234.50 – 235.90	1.40			
		ALT-Y, 785 →	239.50 – 240.50 MYLT ZONE, abund ok qtzy fine grained matrix w/ qz wt/sx QZMZ augen, minor vuggy py 1%						
240.60 – 243.00	RHYL, pale green to off white, highly sheared and friable	ALT-X greenish-yellow clay mineral present as traces – AS-OKD? (Serpentine)	Minor dissem py <2%, cubic						

CME

Hole No.: 97-44.

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
243.00 - 253.37	QZHZ, highly sheared, numerous dk grey mylonitic shear structures throughout unit; esp up to 247m	ALT - X, decreases towards EOH to S - ser 247 → ALT decr to S/M.	Dissem py 1-2% 245-247 MLVT zones, strong @ 244.70-245.00, 246-246.80m						
253.37	END OF HOLE								

CME

G97-45

Project name: SKUKUM
Project #: CP56C
D.D. Hole #: 97-45 (Relog)

Length (m):
Grid: UTM NAD 83
Dip: -77
Azimuth: 120
Core size: NQ

Contractor: CARON
Northing: 6672842.694
Easting: 484296.675
Collar Elev.: 932.

Hole survey type:
Started:
Completed:
Re **Logged by:** TN
Date logged: 10/27/03

Depth	Dip	Azimuth

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0.00 - 0.91	NO CORE / CASING								
0.91 - 64.45	QFMZ, med grained equigranular pale pink to pale green, Typical "brown weathering" unit in fault zones.	ALT - W/Mv, locally propylitic but weak; may be M. often very fresh, distorted; around 1st 2 veins @ 20.00 qz vn has argillic alt'n halo ~ 8cm wide - green sericitic alt'n 22.67 - 28.45 ALT. S, faulted(?) green, clay alt'n of fines 37.39 - 37.81 zone of fresh QFMZ (w/ magnetite) also @ 40.92 - 41.36	Rare disem py. @ 20.00 qz vn, 5mm / ~ 85°CA @ 23.67 folded, ruled qz vn, wkly boxen 5mm / 70°CA, w/ ser. alt'n halo @ 29.86, narrow qz vnlts, 3mm / 80°CA @ 30.30, narrow qz vnlts. 3mm / 70°CA. 53.05 - 53.23 series of narrow qz vnlts 2-4mm / 40-70°CA. @ 61.90 (approx) qz-stb vn in QFMZ, v. strong alt'n halo, QFMZ texture obscured, Also disem py in wallrocks ~ 5-10% for 10 cm.						
	Poss small ANDS dike ~ 64.00m, fragments from sampling difficult to log. Pyritic material ~ 5%								
64.45 - 89.95	ANDS dyke, not - alt'd green, porphyritic (bx exposure is sun fair - ANDS sfc remediated limonitized to brown-red)	ALT - W/M. (does not count sfc exposure alteration) generally bleached to olive brown w/ bright green sericitized fsp grains	Py ~ 1% ~ 1%						

CME

Hole No.: 97-45

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	71.84 - 73.10 QZMZ, ALT - S, clay alt^n frac'd in shear contact w/ ANDS, upper & lower contacts 15-20°CA,	78.64 - 87.32 ALT W/N.	Py below QZMZ contact in ANDS, ~ 5-10%, patchy dissemination						
		Prominent hem alt^n on ANDS frac sfcs; some hem in the form of seams (clay+hem) @ @ 80.85 and 83.50	@74.00 around qz, open space fillings w/ hem + intermixed w/ ANDS.						
		87.32 - 88.12 bleached ANDS ALT - M, pyritic 10%	78.18 - 79.50 FLT - Z, v. frac'd core in ANDS, clay alt^n on frac sfcs.						
	88.12 - 88.79 QZMZ - ALT W/N; quite fresh looking, but no magnetite VC - 55°CA/LC 80°CA; wk potassic alt^n	88.79 - 89.95 ALT - W							
89.95 - 93.40	QZMZ	ALT - W, propylitic bleached.							
93.40 - 94.00	ANDS, porphyritic, wk qz-cb stockwork	ALT - W/M, bleached							
94.00 - 95.80	QZMZ, sheared	ALT - M/S	94.59 - 95.10 Mylonitic shearing in QZMZ, grass minor ALT^n ANDS in fault wk Fabric ~ 10°CA						
	95.40 - 95.50 v. silica rich QZMZ, mod diss^n py ~ 5%, v. fn grained								
95.80 - 98.59	ANDS, porphyritic	ALT - M, bleached to olive brown							
			@ LC diss^n py ~ 10%, many patchy blebs	10177	96.40 - 97.50	1.10			
				10178	97.50 - 98.59	1.19			
				10179	98.59 - 99.98	1.39			
98.59 - 107.70	QZMZ; fairly fractured, scri along frac lines	ALT - W, propylitic & bleached; wk sericite developing in fsp.	Rare py. (< 1%)						

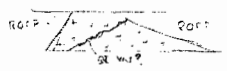
CME

Hole No.: 97-45

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
107.70 – 111.80	ANDS, porphyritic Mod-strong tension gash qz-cb stockwork w/ minor hem in vnlts.	107.70 – 108.20 ALT-M (contact zone) olive brown. 108.20 – 110.10 ALT-W green-grey 110.10 – 111.80 ALT-M, bleached to light grey w/ bright green	Qz-cb stkwk virtually disappears by 110.10 where core bleached to grey						
111.80 – 112.88	QEMZ, highly sheared and alt'd, locally bx'd; grp @ upper and lower contacts.	ALT-S, bleached	UC - 50°CA	10150	111.50 – 112.88				
112.88 – 113.91	ANDS, bleached, sheared; almost bx'd	ALT-S	LC - 40°CA	10151	112.88 – 114.54				
113.91 – 114.54	QEMZ, bleached, sheared to bx'd.	ALT-S	UC - 20°CA / LC - 30°CA	10152	114.54 – 115.57				
114.54 – 115.57	ANDS, as previous	ALT-S.		10153	115.57 – 116.74				
115.57 – 144.95	QEMZ, typical brown weathering Minor ANDS xenos	ALT-S/M; strong propylitic, seri on fracs, locally thru core	UC shear w/ dk gray seri/calcite -ite Rare diss py <<1% 123.00 – 127.30 bx along core axis in QEMZ.						
	132.30 – 132.50 narrow (1cm) fr bx along core axis w/ multiple offsets	~128.90 → increasing argillic alt'n, green sericite repl plag's	@131.80 shear plane, dk seri/clay 30°CA						
			136.85 – 138.10 UC faulting, broken core 139.52 – 142.95 faulted core, @ UC; shear w/ epi? / seri.						
144.95 – 157.74	RQFP, tan brown to buff. Flow-banded @ contacts	ALT-M.	UC faulted & broken; flow banding @ 30°CA						
	149.55 – 149.65 narrow slice of QEMZ ALT-X bleached/clay alt'd., yellow argill mineral on fracs w/ 5-10% cubic py.		@154.10 yellow orange argill around narrow dk vnlt						

CME

Hole No.: 97-45

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
157.74 – 160.36	QZMZ, sheared.	ALT - S, seri.	uc, sharp. 15°CA; LC - offset, but ^/15°CA.						
			low angle def/reactivate near LC; green seri matrix, parallel to contact.						
160.36 – 198.90.	ROFP, as previous unit. Locally v intensely fract'd w clay alt'n – not noticeable until str exposure.	ALT - M/S.							
	161.55 – 161.70. wedge of QZMZ, ALT - S; w/ fragmented qz vn (?), poss asgy assoc w/ vn.		161.65 qz vn fragm in bx QZMZ, 5% rare; some red alt'n mineral assoc w/ qz vn – poss As oxide mineral	10184	157.62 – 158.04				
	Contacts oppositive dirn uc – 45°/ LC – 25°CA.			10185	158.04 – 160.44				
				10186	160.44 – 161.50				
				10187	161.50 – 161.80				
				10188	161.80 – 162.46				
	Note – historical sample B 195115 incorrect from – to. Current is 178.00 – 178.70 Should be 176.47 – 177.17 Incorrect marker block, blocks corrected TV 10/31/03		173.90 – 174.95, v. broken core, clay alt'n fracs; not pd out to str exposure, accentuating internal fracs.						
			176.50 – 177.20 qz flooded ROFP, numerous fracs 2-5 vol%, cubic py to 3%						
			@ 191.90 LC, 35°CA.						
198.90 – 200.45	QZMZ, sheared, becomes v. mylonitic.	ALT - S/X., v seri, mod clay on fracs.	Py 1 – 3%, fine dissem.						
200.45 – 201.10	RHYL, sheared, (ROFP)	ALT S	5% vnlts.						
201.10 – 207.95	HLBX; abundant dk metric qz-seri-SX dominantly fine grained QZMZ; minor qz-sx vn fragments	ALT - X	Py rarely visible, may be v fine grained						

CME

Hole No.: 97-45

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
202.95 - 206.65	QZMZ, sheared to locally brecciated	ALT - X, S; strong silica remob & flooding, serl							
	203.60 - 203.85 MYLT / BX								
	205.10 - 205.45 MYLT / BX								
206.65 - 207.15	HLBX / MYLT; qz / QZMZ augen; 65% matrix material	ALT - X							
207.15 - 208.00	QZMZ, sheared & qz-flooded	ALT - X							
208.00 - 208.60	MYLT / HLBX,	ALT - X							
208.60 - 211.90	QZMZ, highly sheared to brecciated	ALT - S serl, qz flooding	Minor py < 1%	10189	208.60 - 210.10	1.50			
				10190	210.10 - 211.63	1.53			
	210.90 - 211.02 narrow ANDS wedge in QZMZ								
211.90 - 213.47	ANDS; olive brown altered, porphyritic w/ minor mylonite / foliation @ upper contact	211.60 - 211.90 v. silica rich							
		ALT - X							
		QLC, highly brecciated, gouge, ANDS absent clay							
213.47 - 240.43	QZMZ; sheared; qz-flooded.	ALT - S; green serl on fracs and separating frag.; also clay on frac sfcs w/ depth	Minor py < 1%						
	221.50 - 222.46 brecciated QZMZ w/ qz vn frags; py finely disseminated assoc w/ qz vn frags, ~ 5%	ALT - X		10191	220.37 - 221.50	1.13			
				10192	222.46 - 223.42	0.96			
	224.27 - 225.19 ANDS, sheared, irreg contacts	ALT - X							
			@ 227.69 strong plane, grey clay + green serl						
			232.90 - 234.94 ALT - X; poss fault zone, clay rich						
240.43 - 245.16	MYLT / SHRZ, original lithos difficult to discern - possible ANDS/QFMYL & QZMZ	ALT - X	Py variable, fine grained, local stgr / fld						

CME

Hole No.: 97-45

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	In general: HUBX - 242.00 - 243.36		@ 241.35 massive stb, ? ANDS ? @ 243.38 RHYL w/ OL-SX VNINGS w/ asps, fine grained, assoc w/ qz						
245.16 – 265.73	RFP, solid competent tan brown w/ fsp phenos 20-40%	ALT - M/S, wk seri, clay on fracs	UC sheared w/ dark grey blue material (from MYLT) from above.						
265.73 - 267.27	QZMZ, fine-med	ALT - S	Py 2-5%, pyrr asps						
267.27 - 268.73	ANDS; dk green grey to locally altered olive; wk qtz-cb stockwork system (Intermixed w/ QZMZ over this interval)	ALT - M, locally S, ferrugin common on frac sfcs	5% inclusions from 265.94 – 266.59 Py rare <<1%	10198 10199	266.59 – 267.27 267.27 – 268.23.				
268.23 - 273.38	QZMZ, wk shearing w/ zones of ANDS 268.53 - 269.14 ANDS 271.77 - 272.67 ANDS; v. hematitic near UC	ALT - S, seri, bleached.							
273.38 - 275.05	ANDS, olive green to pale grey.	ALT - S/X; bleached, sericitized fsp phenos?	274.16 – 275.05 brecciated, dark, chloritic.						
275.05 - 276.40	MYLT / SHR-Z; v. strong, qz augen in dk grey seri matrix; minor qz-ve frags? Frags are rolled, rounded.	ALT - X	MYLT fabric - 10°CA, approx						
276.40 -	QZMZ; wk-mod shearing, confined to narrow planes + fracs, minor dk myltic bands, but rare	ALT - M, seri dominating, more propylitic	Py <1 - 2%						
			277.15 - 277.45, dk qz-py-seri stringers	10195	276.40 - 277.90				
			278.45 - 278.85 qz veins, up to 10% py, v. finely dissem, brecciated assoc w/ vns, also mod qz flooding.	10196 10197 10198	277.90 - 279.42 279.42 - 280.85 280.85 - 281.85				

Hole No.: 97-45

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(QZMP cont'd)	281.85 – 284.80, bleached ; locally pyritic ; ALT - S ; increased argillic alt^n	281.85-284.60 py 2-3% ; finely disseminated ; up to 10% over shorter distances	7352	284.80 – 285.90	1.10			
		~291.00 ⟶ alt^n decreases to M/W, commonly porphyritic .	@ 295.65 QZ-SX VN , thickness >5cm, ~30°CA, mass whl qz w/ py+ aspy/sph.						
		Occasional occurrences of fresh QZMP (magnetic) eg @ 300.50.							
	301.43 – 302.27 FELS / FLDC ; pink K spar alt^d rock in QZMP fine grained, pink ; rare to no mafics ; wk serit alting fract .								
	@ 302.46 MNDS xeno.								
		306.10 – 306.60 bleached , ALT-M .							
		311.09 – 311.53 strong propylitic alt^n of Fsp. replacement by epi .							
		311.53 – 317.35 fresh to weakly alt^d QZMP – ALT - N/W.	@ 315.79 disseminated up to 10% locally generally < 2% over a 50cm.						
		317.35 – 317.70 ALT - M/W, propylitic (brown-weathering due to chl alt^n)	@ 319.56 shear plane w/ ~ 1mm alt^d QZMP dikelet cross cutting shear ; v. fine biotite py over <7cm.						
		326.95 – 327.40 K-spar alt^d	@ 328.24 shear 1cm/40°CA, w/ argillic alt^n halo ~ 10cm diameter.						
331.62	END OF HOLE								

CME

G97-46

Project name: SEUCUM
Project # : CPS6C
D.D. Hole #: 97-46 (Relog)

Length (m): 162.46
Grid: UTM NAD 83
Dip: -58
Azimuth: 180°
Core size: NQ

Contractor: CARON
Northing: 6672842 907
Easting: 484 246.765
Collar Elev.: 939.

Hole survey type:
Started:
Completed:
Logged by: TN
Date logged: 10/25/03 - 10/26/03

Depth	Dip	Azimuth

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0 - 0.91	NO CORE								
0.91 - 17.30	QZMZ, med grained aplitic granodiorite	ALT - W. Unit is variably propylitically altered from quite fresh to moderately strong alt°. Alteration typically as narrow qz-fldsp veins bleaching and altering rock, as well as fracture-ring. 5.1 - 5.3 ALT - N° 7.4 - 10.9 ALT - N							
17.30 - 20.50	ANDS, porphyritic, dark to green; as 97-45 structural veins.	ALT - W. Bleached hematite fracs	Upper & lower contacts bleached to dk brown. Rare py (<<1%)						
20.50 - 27.89	QZMZ; as above	ALT - M., - strong propylitic w/ inter argillic locally (clay fracs) - bleached w/ groundmass qz-flooding	Trace py						
27.89 - 29.73	20.57 - 25.00 ANDS dyke - bleached, porphyritic ANDS dyke; as previous	ALT - W/M, bleached, several veins of chlorite bright green colour bleached	Py 1-2%, dissem. cubic						

CME

Hole No.: 97-46

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
29.23 – 42.96	QZMZ ; aphanitic, brown weathering. local 'ANDS' xenos – ~~wk~~	ALT – M ; strong propylitic incr. seri of fp.; bleached w/ wk silicif. overprint.	@31.51 shear, 30°CA						
		33.20 – 33.55 ALT – N ; fresh pinkish QZMP.							
		35.47 – 35.80 seri w/ infill of frac, v green, v soft.							
			38.70 – 40.30 Mylonitic shear zone in QZMZ ; dk gray matrix/shear bands w/ QZMP frags (augen) noted.						
			@39.10 abund 5% in vn; relatively fine ; 10–15% py, poss alspy (5%?)						
42.96 – 44.84	ANDS dyke ; porphyritic, wk-mod qz-cb-epi stockwork veinlets	ALT – W/M. Alteration strongest @ contacts.	UC sharp, faulted ; 30°CA. only moderate bleaching @ UC.						
			LC bleached, ~1cm contact w/ 5% disp py. (large ≤3mm patches), w/ ser., replacing phenos						
44.84 – 50.55	QZMZ	ALT – M ; very strong propylitic & weak argillic	@46.00 Small fault, gouge						
			50.45–50.55, dk seri + py alt'n in QZMZ near contact						
			@50.55 Sheared contact w/ ANDS ~30°CA.						
50.55 – 51.11	ANDS dyke, sheared, porphyritic	ALT – S ; v. bleached Appears to have had an episode of silicification.	5–7% py, disp in patches, but also showed as py veins along shear dir. ~ 35–40°CA	10143	49.40 – 50.55	1.15			
				10144	50.55 – 51.15	0.60			

CME

Hole No.: 97-46

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
51.11 - 56.30	QZMZ, as previous	ALT - M; propylitic w/ inter. argillic; seri remain along frac planes.		10145 10146 10147 10148	51.15 - 52.50 52.50 - 54.00 54.00 - 55.50 55.50 - 56.30	1.35 1.50 1.50 0.80			
56.30 - 57.75	ANDS dyke (extremely brown due to Fe/Mn exposure - limonite/hematite) wk. mod qz-cb stockwork	ALT M/W.	Minor py <<1%.						
57.75 - 60.40	QZMZ,	ALT - M; increasingly bleached and/or qz-flooded Argillic (seri) alteration							
60.40 - 61.70	ANDS, strongly sheared, increased SX content; dk SX stringer w/ mylonite contacts w/ QZMZ above & below	ALT - S; seri alt'n of phenos seri alt'n of matrix	Py dissem and stringers 3%; + dk fine grained SX						
61.70 - 62.30	QZMZ / MYLT zone.	ALT - X.	61.40 - 61.55 MYLT, wk SX; dk matrix w/ qz augen						
62.30 - 62.70	ROFP, v. green altered qz-eye porphyry flow banded	ALT - XIS.	Pyritic; 3-5%, cubic LC faulted & clay altered						
62.70 - 63.45	QZMZ / MYLT	ALT - X; clay alt'n	V. broken core (due to sampling) 63.30 - 63.45 strong dk grey cataclastic shear / mylonite; v. fissile, 35°-40° CA, forms shear contact w/ ROFP below						
63.45 - 96.80	ROFP, tan to buff white w/ pale green alt'n; qz-eye porphyry, flow banded.	ALT - S; sericitized;	Pyrite 1-3%, dissem cubes. Flow banding ~40° CA						

CME

Hole No.: 97-46

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(ROFP, cont'd)		Minor py+aspy+ stb. Py assem throughout, fine grained 1-3% Aspy + stb commonly in narrow vnlts w/ qz 71.00 – 75.00 Area of moderate stb ± aspy vnlts @ 74.00 Slow standing ~70°CA 77.40 – 77.80 ten abundant 5x stk +gus of stk ± py ± aspy 77.90 – 78.40 black cataclastic shear zone. MYLT. v. milled RHYL frags 88.78 – 88.95 silicified w/ ~5%.						
	77.90 – 78.40 Black MYLT.								
	78.40 – 88.25 v. frac'd 5x-rich ROFP, almost axial; locally abund py±aspy ± stb, abund green yellow alt mineral (As?)	ALT-X ; v. seri, mod clay							
	88.25 – 88.68 SHR. ?; original lith may be QtMz w/ ROFP; or highly sheared & altered w/ silicification of the ROFP								
	88.68 – 96.80 ROFP, v. competent; dk blue qz eyes, w/ wht/brown altered euhedral/subhedral fsp phenos	ALT-S.		Entry in sample DB B195166 B195167	86.25 – 87.50 87.50 – 88.60	Those are correct based on inspection of the core JV 10/26/03			
96.80 – 102.50	QtMz ; v sheared to 5x b.	ALT-S/X ; argillic (seri) incr silica flooding	98.55 – 99.60 v. strong brecciation of QtMz and numerous mylonite/ cataclastic breccias 99.97 – 100.75 MYLT, v. dk, fine grained, v few frags 101.50 – 102.50 MYLT zone. (contact zone between QtMz/RHYL) Py: disem cubes <1% vnlts ~1%						
102.50 – 103.52	RHYL, tan, highly frac'd/sheared w/ dk seri vnlts w/ 5x								

CME

Hole No.: 97-46

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
103.52 – 106.87	QFMP, v. sheared.	ALT – X (S.; bleached & qz-flooded.	Rare dissem py Foliation 50°CA.		106.45 –				
	103.52 – 103.97 MYLT contact zone w/ QFMP frags + some entrained RHYL frags	v. rich ser; in MYLT (most matrix material is ser)	~104.35 MYLT sheer band						
		106.10 – 106.87 v. clay alt'd							
106.87 – 113.52	ANDS; sheared; mod-strong qz-cb stockwork; bright green sericitized phnos.	ALT – S overall ALT X @ upper contact.	MC bx'd, sheared; clay alt'd v. rare py; < 1%.	10151 10152 10153 10154 10155	106.45 – 106.87 106.87 – 108.50 108.50 – 110.00 110.00 – 111.50 111.50 – 113.00	0.42 1.63 1.50 1.50 1.50			
		Minor hem assoc w/ qz cb veins and along fracs							
	110.88 – 110.98 QFMP, fault contacts @ upper and lower; also narrow breccia QFMP v. white, bleached, silica flooded 20-30°CA.	ALT – X	@110.04 locally abund py in ANDS						
	111.17 – 111.66 QFMP, sheared + intrusive contact w/ ANDS; go-qz @ LC, minor py; ~1%.	ALT – Y.							
113.52 – 114.67	QFMP, v. altered, sheared.	ALT – Y clay-ser;	py ~ 1%, cubic.	10156	113.00 – 114.67	1.67			
			@114.45 ductile sheer; olive green, w/ offset 65°CA.						
			114.50 – 114.67 v. silica rich zone, poss qz vn & contact w/ RHYP / fault; poss strg dissem py vn (dk blue grey). v. brec / cataclastic contact w/ major fault right @ contact ~50°CA.						
114.67 – 125.93	RFP; beige to tan, v. fn grained feldspar porphyry; trp phnos up to 10%.	ALT – S; (overprinting limit/assm due to) sfc exposure		10157 10158	114.67 – 116.00 116.00 – 117.50	1.33 1.50			

Hole No.: 97-46

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(RFP, cont'd)		117.23 – 117.43 ANDS? bx/cataclasite w/ RFP; RFP is frac'd w/ qz-cb having a tensional gash infill	10159	117.50 – 119.14	1.64			
			@119.05 narrow, but v. distinct ductile shear/cataclasite; 1cm/50° Sharp frac'd contacts along orientation of shear.						
		124.24 – 125.93 Green alt'd RFP, v seri rich							
125.93 – 130.00	QZMZ; v. sheared; local minor mylonitic zones (dk grey cx/seri streak bands)	ALT – K/S, v. strong seri, incr. clay.	Py increasing, v. fn grained up to 5% locally, but difficult to see						
	121.00 – 121.35 (approx) ANDS xeno?, frac'd	⟷ ALT – S/K	@129.85 py ~ 15%, poss aspy, disem through QZMZ.	B195178					
130.00 – 130.70	ANDS dyke (?); v. dk grey; bleached near LC.	ALT – K	1/5X rich BUT extremely fine grained, left of sample indicates sign. 5X in ANDS ~ 30-40%?	B195179	130 – 130.70	0.70	2441 g/t	Au	
			@ LC, minor bx'd contact w/ QZMZ, breccia above ~ 130.40m						
130.70 – 162.46	QZMZ, mod shearing, med-grained, equigranular.	ALT – S; seri, local epi; v. strong propylitic, mod → increase & argillic. Appears qz flooded.	130.70 – 132.00 relatively increased v. fn py, e.p @ 131.80 –	10160	130.70 – 131.97	1.27			
			** v. reminiscent of new intersections samples from 97-56; v. plain looking alt'd QZMZ w/ v. fine grained py, poss aspy	10161	131.97 – 133.50	1.53			
	132.62 – 132.97 ANDS dyke, sheared, alt'd olive brown, minor v.s. py, faint porphyritic texture.			10162	133.50 – 135.03	1.53			
				10163	135.03 – 136.55	1.52			
				10164	136.55 – 138.07	1.52			
		132.00 – 138.10 ALT – X, green colour to core		10165	138.07 – 139.60	1.53			
			140.45 – 146.30 Mylonitic zone, w/ numerous cataclasites + qz vn	10166	139.60 – 141.12	1.52			
			@ 144.90 (approx), ~ 5cm massive unit w/ diffuse 5x (aspy mafic sill?)	10167	141.12 – 142.65	1.53			
				10168	142.65 – 144.45	1.80			

CME

Hole No.: 97-46

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(QFMZ, cont'd)		148.50 – 149.90; QFMZ generally darker colour due to incr. Sx. (predominantly Py) w/ poss ASPy. @148.75 q2 vn, mass wht, appears barren; wall rock w/ ~5% disem Py + poss ASPy.						
	154.21 - 154.99 FNDS dyke, olive brown Giltic contact zones w/ green central porphyritic								
		154.99 - 162.46 ALT-M locally WS - propylitic		10169	151.80 - 152.80	1.00			
				10170	152.80 - 154.21	1.41			
				10171	154.21 - 154.99	0.78			
		159.31 - 159.34 ALT-S Sericite-clay alt'n w/ 5% silicified		10172	154.99 - 156.36	1.37			
			159.04 - 159.24 SHR. ?; dk. grey fissile	10173	156.36 - 157.89	1.53			
				10174	157.89 - 159.41	1.52			
				10175	159.41 - 160.93	1.52			
				10176	160.93 - 162.46	1.53			
162.46	END OF HOLE								

CME

G97-47

Project name: SKUKUM
Project #: CIP56C
D.D. Hole #: 97-47 (Relog)

Length (m): 199.03
Grid: UTM NAD 83
Dip: -67
Azimuth: 180°
Core size: NQ

Contractor:
Northing: 6672642.907
Easting: 484 246.765
Collar Elev.: 939

Hole survey type:
Started:
Completed:
Logged by: TV
Date logged: 10/16/03

Depth	Dip	Azimuth

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0 - 0.91	NO RECOVERY.								
0.91 - 23.00	QFMP, med-grained, equigranular; magnetic where fresh, now has a patina of brown weathering hematite/limonite due to sfc. exposure.	ALT - N to locally W. (propylitic);	Occasional qz-cb-chalcedony vns a valtsy wide alt^n halos around these vns, no magnetite in v/r. @23.70 massive stib-qz vn. 5-6cm/50°CA; forms contact between QFMP/ANDS						
23.00 - 25.70	ANDS dyke; med grey green to brownish olive (bleached)	ALT w/N, minor bleaching, hem alt^n of fracs.	@ 25.70 stib-qz vn, massive stib, again forms contact between ANDS/QFMP; 2cm/40°CA						
25.70 - 35.08	QFMP, as previous, generally v. fresh.	25.70-29.63 W/M propylitic alt^n assoc w/ contact vein.							
35.15 - 38.26	ANDS, porphyritic; green w/ dk green phenos	29.63 - 35.08 ALT-N; v fresh. Typical hem alt^n on frac sfcs.	UC sheared, bleached and brecciated for 15cm. 25°CA; qz-(cb) vning Near LC, bleached, faulted (v. broken core)						
38.76 - 55.35	QFMP, as previous; shows typical sfc exposure hem/limonite alt^n (orange-brown) - v wk to absent magnetism	ALT - W, locally M. 38.76 40.37 → ALT-W/M; propylitic, with increasing sericite downhole.	@39.10; note on core, (ANDS xcnd) "fr. 85.24" - no definite sightings, may be reflection of cut face.	10061 10062 10063	35.85 - 36.65 36.65 - 38.26 38.26 - 39.76	0.80 1.61 1.50	10 30 <5		

97-47.

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	@46.83 ANDS xeno.								
55.35 - 57.30	ANDS, olive brown oxidized, w/ bright green seri - alt'd fsp phenos.	ALT- W, bleached; sfc exposure oxidation	UL, dk grey mylonite, 15% CA; finely milled SX + cal?, seri?, minor qz. fsp frags.						
			56.83 - 57.20 dk grey mylonite zone, (v. broken from previous sampling)						
57.30 - 58.55	QZMZ; as previous.	ALT - W/M.; wk/mod seri propylitic							
		Alt° increase to S near LC @ 58.55							
58.55 - 62.34	ANDS, as @ 55.35 - 57.30.;	ALT - M, bleaching, seri hematite on frac sfcs.	Py 3-5%.						
			59.30-59.70 v. bleached, silicified zone w/ qz-SX vn; 5cm(?)/50°CA.						
			Py. 10-15%, Stb ?						
			@62.34 LC shear contact 20°CA						
62.34 - 88.20	QZMZ, med-grained, equigranular.	ALT- W, propylitic, mod. seri Minor chalcedonic qz vn#s							
		Brown sfc. exposure weathering v. prevalent.							
		@62.70 Argillic alt° around shear?	@65.75 qz-(cb) vnlt, 5mm/55°CA w/ 7cm argillic alt° halo. (seri.)						
			@67.27 qz vnlt (wht + grey), 5mm/60°CA w/ 5% py.						
			~70.10 qz (mylt shear plane 10-15°CA						
			@70.34 thin stkw. of qz vn. w/ ser + Stb?						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	(QZMZ, cont'd)		78.40 – 79.05 zone of qz veins; white qz, vns 3mm to 1cm; py up to 20% w/ dk blue/purple hematized inclusions – Magnetite → nom.						
		82.16 – 86.90 ALT - M increased bleaching and sericitization; also chl; and shearing of QZMZ.	@82.01 qz-cb shear plane 10-15° CA						
		84.75 – 85.70 ALT S, locally X clay altered, bleached and leached.	@84.75 mylonite shear band, dk grey; 1.5-2cm, 50° CA; ALT: S-X						
86.90 – 88.20	ANDS. porphyritic; shearing (tension-gash)	ALT M/S, bleached, w/ seri phenos;	@89.78 qz vn, massive, wht - 2cm/50° CA						
88.20 – 92.05	QZMZ; mod, shearing	ALT - M, bleached, mod seri							
92.05 – 93.20	ANDS dyke, bleached.	ALT - S/X.	Dissem aspy / py; aspy is acic euhedral needles ~1 cubic py.	10064	93.3 – 93.88	0.58	300	0.2	
		Lower portion of interval altered to a sulphur-yellows w/ dissem py & aspy - yellow o/c probably aSpy oxide (Jarosite?)	UC is low angle ~10° CA						
93.20 – 97.03	QZMZ, wk-mod shearing	ALT - M/S; seri stringers, v. minor mafics (chl); local cb veins; v. bleached. Minor hem.	Rare py.	10066	93.30 – 93.88	0.58	300		
				10067	93.88 – 95.40	1.52	<5		
				10068	95.40 – 97.03	1.63	<5		
97.03 – 99.41	ANDS, sheared, porphyritic	ALT - M; upper/lower contacts bleached; less common Qz-cb stockwork (tension-gash)		10069	97.03 – 98.14	1.11	5		
				10070	98.14 – 99.41	1.27	<5		

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
99.41 - 114.52	QZMZ, sheared, still equigranular texture visible.	ALT - W, locally M. bleached, propylitic; wk seri; probable silicification event. 103.23 - 103.56 ALT - M, incr seri; qz flooding ? @107.25 abund seri assoc w/ shearing	Zone to no py; Shearing evident in narrow seri/chl bands - also hem bands (tension) @100.80 v. green shear / seri, ~1cm / 15°CA. 106.20 - 106.60. shear zone, rock fract'd along common plane angle ~6 times 40-50°CA; also w/ chl-seri on fract sfcs. @110.73 wht qz vn, barren, w/ chl/seri alt° halo, minor diss py in halo. (<1%) @111.07 dk green seri in shear plane 7mm/35°CA	10071	99.41 - 101.00	1.59	<5		
114.52 - 117.50	RDFP; tan to off white, v. fine grained w/ 5-10% qz phenos, 10-15% fsp phenos (mostly faint and ragged); sheared	ALT - W/M., pale greenish cast to rock due to seri alt'n	UC w/ QZMZ, v strong shearing/fault zone over 114.28 - 114.62 30-35°CA @115.80, gouge core, sheared + faulted @117.10, another major shear plane.						
117.50 - 118.26	V. dk grey mylonite zone; poss original ANDS and or QZMZ.	ALT - X.	locally brec'd; entrained, rolled, milled qz frags, py ~ 2%						
118.26 - 128.90	QZMZ / Mylonite zone, extremely sheared 120.40 - 121.30 relatively no dk mylonite 123.00 - 123.85 (as above) 123.85 - 127.20 V. strong mylonite zone.	ALT - S/X. Dark bands appear to be primarily seri = chl ± Sx 127.20 - 128.90 ALT - X, very clay-altered / leached	Locally brec'd, strong shear fabric developed over interval ~35°CA Generally v minor visible dissem py (as Sx in general) <1% 127.20 - 128.90 incr diss py (wbrc) ~1-2%, v. fractured to contact (ALT-Z)						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
122.90 - 135.07	ANDS dyke: bleached to locally dk grey qz-cb tension-gash infill 133.60 - 134.37 dk grey subpk'd ANDS, 20-25% py visible (Historical sample runs over 5% Au) 135.07 - 135.31 QZMZ (xeno)	ALT - M/S; bleached contact zones Ser phenos (altered fsp) ALT - S	@132.40 qz vn(s) in ANDS; approx 1cm/60° CA						
135.97 - 136.95 (approx)	QZMZ; v. sheared. Mylonitic zone from 136.60 - 136.95	ALT - S/X							
136.95 - 139.33	ANDS, strong stockwork 139.10 - 139.33 v. sil-bleached	ALT - S.	138.65 - 139.10 25-30% fine grained py; qz vn wl adpy						
139.33 - 142.15	QZMZ; minor dk mylonitic bands	ALT - S bleached; ser; minor matics							
142.15 - 147.45	ANDS, sheared,								
147.45 - 149.33	QZMZ, sheared; minor dk mylonitic bands, blt rare. 147.90 - 148.10 ANDS xcnd	ALT - S; bleached ALT - S; bleached	Py 2-5%, disseminated and small Sx seams Note: Error in original sampling. Last sample in group @ 142.20 which is labelled and flagged — Should be 143.1 m; making @ 2m sample. Corrected in DB TV	10072 10073 10074 10075	143.10 - 144.60 144.60 - 146.10 146.10 - 147.60 147.60 - 149.05	1.50 1.50 1.50 1.45	<5 5 <5 5		
149.33 - 150.70	ANDS, typical bleached, olive brown wl intense qz-cb stockwork; Stockwork vns/vnlts have preferred orientation near parallel to CA	ALT - S							

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
150.70 – 162.64	QZMZ; sheared;	ALT-S. brown weathered as typical sericite, minor chl.	Rare py.						
		154.64 – 156.36 ALT-X;	154.64 – 156.36 Boss fault zone, v. altered (clay), gouge; osf @ 155.76 – 156.36.						
		156.36 – 177.00 ALT-S v. strong ser; mafics absent, to v. rare; increased silica (qz. flooding)							
	160.80 – 161.01 ANDS xeno(?), 2-7% py.			10076	159.41 – 160.80	1.39	35		
				10077	160.80 – 162.64	1.84	25		
	162.64 – 163.07 ANDS xeno(?), sheared lower contact, qz-cb vnlts; py 1%.			10078	162.64 – 163.07	6.43	<5		
			163 – 171.20 FLT Z; broken rock/clay-alt	10079	163.07 – 164.57	1.50	<5		
			~164.10 shearing (ser bands) 30°CA.	10080	164.57 – 166.07	1.50	<5		
			@168.35 strong fracturing	10081	166.07 – 167.48	1.41	5		
			@ 171.00 – 171.70 strong fault.	10082	167.48 – 169.00	1.52	45		
			@ 171.00 – 172.60 – v. strong black mylonite zone, py + sfide (?), also yellow alt^{n} (As-oxide ?)	10083	169.00 – 170.50	1.50	50		
				10084	170.50 – 172.00	1.50	60		
	177.00 – 177.80 ANDS, as above, w/ less qz-cb stockworking (smaller vnlts).								
		177.80 → EOH ALT – M/W. (QZMZ); general qz flooding and minor vnlts appear in core to EOH; generally whit soft qz w/ bright green ser alt^{n} halos	@ 179.05 qz vn w/ chl/ser, minor py 4mm/20°CA; also sm vnlt @ 179.20.	10085	177.80 – 179.60	1.80	85		

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	QFM7 (cont'd)	183.25 – 183.67 qz flooding + vns w/ ser alt^n 184.06 – 184.59 qz-vning & flooding 186.84 – 188 strong ser alt^n QFM2 near end of hole primarily propylitized w/ some K-spar alt^n near v. bottom (196.56)	@ 190.66 qz-chalcedony vnlt, patchy ext 197.10 – 197.50 shear zone w/ ser alt^n @ 198.45 qz vn, banded wht massive 7mm/70°ca						
199.03	END OF HOLE								

CME

Project name: SKUKUM
Project #: CPSGC
D.D. Hole #: 97-48

Length (m): 275.54
Grid: UTM NAD 83
Dip: -78
Azimuth: 180
Core size: NQ

Contractor: CARON
Northing: 6672 842.907
Easting: 484246.765
Collar Elev.: 939.00

Hole survey type:
Started:
Completed:
Re **Logged by:** TV
Date logged: 11/11/03

Depth	Dip	Azimuth

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0.00 - 39.52	QZMZ, med grained, equigranular, pink a green when fresh; when alt'd has a pervasive of brown orange stain/limonite alt'n - (may be v. brown where exposed to sun) V. magnetic where fresh Minor ANDS and/or DIORITE xenos. Wk qz-cb veins; minor qz-ep-epi veins which centre propylitic to argillic alt'n zones @ 58.30 FLDK 15°CA	ALT - variable through footwall, generally increasing with depth. 0 - 1.56 ALT - W. propylitic 1.56 - 9.23 ALT - N/W 9.23 - 14.27 ALT - W. propylitic 14.27 - 15.25 ALT - N. 15.25 - 19.95 ALT - W 19.95 - 30.62 ALT. N, W; wk propylitic @ 28.70 qz-flooding	@ 20.93 qz vn 6mm / 75°CA, w/ green sericitic alt'n halo (<1.5 cm)						
39.52 - 51.12	ANDS, med green w/ dk green phenos (when fresh) Non contacts with QZMZ w/ sericitization of phenos (bright green); py common near contacts where strongly bleached.	ALT - W. 39.52 - 40.07 ALT - M. 40.07 - 41.35 ALT - W 41.35 - 44.40 ALT - N. 44.40 - 46.00 ALT - M. 46.00 - 51.12 ALT - W, near bleached on fracs and wk pervasive iron colouration	Py 5%. 39.52 - 40.07 highly sheared, qz-flooded, almost bx'd; py = 2-3%, patchy distrn. 44.70 - 46.04 py 5% pervasive distrn. 49.60 - 51.12 py 3-5%						
51.12 - 61.79	QZMZ, typical brown-weathering weakly alt'd unit. @ 59.00 1.5cm / 25°CA FLDK	ALT - W.; propylitic 59.53 - 61.39 med propylitic	Py v. rare (<<1%) @ 60.35 qz-cb vn 7mm / 45°CA.						

CME

Hole No.: 9748

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
61.79 – 65.11.	ANDS; porphyritic, contact zones silic'd	61.79 – 62.32 ALT-M/S; v. pyritic; phenos: bright green. 62.32 – 64.80 ALT-W; phenos darker green (chl ser) – hematitic 64.80 – 65.11 ALT-M; bleached incl. ser.	61.79-62.32 5% py. parlay qtz/sm. @62.40 qz flooded, 5-10% py. 64.80-65.11 py 1-3% @LC, narrow shear plane; 85.90°CA						
65.11 – 81.70.	QZMZ; as previously described	65.11 – 66.70, ALT-M, wk ser' bleaching 66.70 – 81.70 ALT W/N; zones of qtz flow QZMZ wk propylitic alt'n; magnetic Fresh zones have wk 1% spec alt'n	Py <1%						
81.70 – 85.00	ANDS; similar to previously described, green phenos relatively large, up to 5mm – wk qz-cb stwk	81.70 – 81.90 ALT-M 81.90 – 84.50 ALT W; hematitic 84.50 – 85.00 ALT-M; v. bm/lim coated; clay alt'n on fracs (sfc exposure)	81.70-81.90 py 5% @LC shear?, 25°CA						
85.00 – 94.30	QZMZ; as previous; wk wk C	ALT-M; incr hematitic alt'n also bleached – may be due to increased qz content from flooding 93.97 – 94.30 ALT-J, sheared grn clay alt'd zone major silver zone.	Py rare (<1%) v competent Narrow dk relatively bands 25 – 30°CA	09902	92.66 – 94.30	1.57.			
94.30 – 95.85	QZ-SX BX / MASSIVE SX; ANDS: ANDS unit is seen @ extreme LC, but quickly becomes the QZ-SX BX/SX BX or SHR until end of zone		Massive sitb, locally more py; fine chalcopy; minor sph. Solid sitb over 5cm; QZ-SX veins shows SX through network of fracs.						
95.85 – 97.65	ANDS; porphyritic	95.84 – 96.55 ALT-S; v. bleached & serecitized 96.55 – 97.65 ALT-M/N; dk green phenos, mod qtz-cb stwk; hem.	95.84-96.55 1-3% py; also strong stwk's and highly fract'd @ low angle to CA 96.55 – 97.65 Py absent	09903	95.85 – 97.65	1.80			

CME

Hole No.: 97-48

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
97.65 – 101.92	QZMZ, typical brown-weathering	ALT-M; wk seri, sil-rich	Py rare <1%. UC 30°CA LC 30°CA, sheared						
101.92 – 104.00	ANDS, porphyritic	ALT-M/S. bright green ser: phenos; bleached, olive coloured. 103.33 – 104.00 incr. bleaching/alt° circ becomes grey	@102.80 qz-cb vn 50°CA, intense cracking; minor epidote red hem. 103.33 – 104.00 py 3-5%, patchy disseminated						
104.00 – 122.47	QZMZ, as previously described	ALT- M/W. – sericitic, but wk 113.74 – 117.45 ALT-M, sericitic w/ incr. clay along fractures. 114 – 114.50 ALT-S, chlor/ser. 117.45 – 120.91 ALT-W/M 120.91 – 122.47 ALT-M/S v. strong bleaching of QZMZ	113.74 – 117.45 SHR-Z, several shears marked by incr. sil; orange alt° + chlor ser. @ 114.30 shearing @ 115.92 shear 2cm/20°CA @ 117.24 shear, v. seri rich, 20°CA 120.91 – 122.47 Py 3%						
122.47 – 125.17	ANDS, porphyritic, as previously described. wk qz-cb stwk	122.47 – 123.29 ALT-M; bleached, olive coloured, green seri, phenos Minor sx vnlts + dissem py (3%) 123.29 – 124.55 ALT-W; med green, matrix w/ darker green phenos; presence of hem in qz-cb vnlts + dissem in core. 124.55 – 125.17 ALT-M, olive coloured again now LC.	UC – indistinct due to sampling @ LC. 40°CA; sheared; some yellow alt° mineral						
125.17 – 128.98	QZMZ, as previously described,	ALT-M; incr. qz flooding esp below 127.20. 127.20 – 128.98 ALT-S increasing clay content + ALT-wk @ contact, v soft gouge	@126.34 shear, qz vnlt, minor py. 1cm/15°CA; clay alt° 127.20 – 128.98 med shearing w/ qz vnlts/flooding @128.07 qz vnlt/shear, several cm wide vnlts; 75°CA						

Hole No.: 97-48

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
128.98 – 130.69	ANDS; porph:	ALT- M/S; olive brown bleached w/ bright green ser. fsp phenos Minor hem assoc w/ qz-cb vnlts.	UC shearing 40°CA.						
130.69 – 131.84	QZMZ.	ALT- M; bleached; qz flooding wk but pervasive; ser.	LC; irregular, ~45°CA; shearing w/ minor ser.						
131.84 – 133.36	ANDS, porph, mod qz cb stwk.	ALT- M/S; ser. phenos.	132.05 - 132.78 injective QZMZ; highly bleached ANDS. 25-40°CA @132.94 - QZMZ xeno, bleached.						
133.36 – 144.29	QZMZ	ALT- S; very ser; greenish colour to core; ser. qz flooding and qz-cb vnlts.	133.66 - 133.81 UC irregular frac'd / broken rock - poss fault. @134.06 large (up to 2cm) qz-cb vn infilling tension gap. 134.70 - 135.40 shear zone; numerous slip planes; ductile deformation 40-60°CA						
	(Box 25 - appears to be sandstone, v. hematitic rubble? difficult to see alt'n grade.)	134.70 - 135.40 very clay alt'n in SMZ.							
		136.63 - 141.06 bleached, ser. fracs; core v. decomposed,	@139.53 erodable shear/fault completely decomposed; clay rich - dark grey/green frags @139.75 Box (?) v. alt'd; qz frags 139.90 - 140.10 v. decomposed core. 140.50 - 140.90 numerous parallel fracs @ 1-3cm intervals, 40°CA.						
		141.06 - highly bleached, alt'd QZMZ - ALT-X; v. little "brown sfc weathering"; numerous ser. green fracs	@142.98, numerous fracs coated in clay-ser-hem						
144.29 – 146.13	ANDS, porph; v sheared, alt'd	ALT- S; bleached; strong ser's + minor hem.; strong qz-cb stwk.	UC 50°CA.						
	144.78 - 145.60 QZMZ xeno/intrusive, highly stwkd and Alt'd - ALT-X; abund qz flooding and qz-cb tension gash infill								

CME

Hole No.: 97-48

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(ANDS, contd)		@145.25 strong discrete shear zone w/ cataclastic /gouge / 10% f. 30-35°CA 145.90-146.13 highly frac'd ANDS, fractured LC						
146.13 – 149.21	QZMZ, sheared; highly alt'd.	146.13 - 149.21. ALT-Y.	V. strong shearing @ UC. @147.35 qz-cb veining/shear. 20°CA. @LC, 30°CA.						
149.21 – 153.92	ANDS, porphyritic; strong alt'n @ upper and lower contact zones Intense discrete qz-cb stkwk, generally short tension gash infill, post v numerous; in high alt'n zones, infill w/ py, dk ser. @150.37 QZMZ xcno. ~10cm.	149.21-151.74 ALT-S/X, olive colourless, bleached; bright green Ser-chl-sericitized phenos. 151.74-153.13 ALT-M/S, greener rock; still w/ pervasive qz-cb stkwk; phenos dark green 153.13-153.92 ALT-S/X, olive colourless, green ser, phenos. Fairly sharp alt'n change @ 153.13	149.21-151.74 py 2-3% in stringers an assem patterns. highly frac'd but healed. @LC 47°CA, v. sharp, no significant shearing						
153.92 – 159.19	QZMZ, highly sheared & alt'd. Shearing/fabric (filled w/ ser) orientation low angle to CA to near parallel CA. @156.71 narrow ANDS stringer. 2cm/35°CA.	ALT-S; bleached, ser-chl-FK. mod qz flooding 152.21-159.19 ALT-X; v bleached; large cb-qz veins.	158.21-159.19 2-3% py disem in QZMZ, fine to coarse patchy py aggregates.						
159.19 – 160.48	ANDS; porphyritic; mod-strong qz-cb stkwk.	ALT-S, bleached, bright green ser-phenos. 159.50-159.80 traces w/ v. dk red hem. 159.90-160.20 ALT-M, (green ANDS) 160.20-160.48 ALT-S, olive	LC sharp, 35°CA; wk. shearing.						
160.48 – 162.75	QZMZ; mod shearing; esp near contacts	ALT-S; ser; on fracs w/ some clays developed.							
162.75 – 165.40	ANDS; intense qz-cb stkwk (tension gash infill); mod green	ALT-M; except @ extreme UC slightly bleached & but wk	UC - 35°CA LC - 45°CA						

CME

Hole No.: 97-48

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
165.40 - 186.69	QZMZ, locally extremely sheared to deformed (cataclastic); generally mod-strong sheeting; V. ser rich. 172.84 - 173.07 AND? xeno	ALT-S; highly bleached, mod - locally strong ser alt; qz-floodings 177.63 - 178.78 v. strong ser alt in strong sheared/deformed QZMZ, nearly 40-50% infill by green ser. 181.00 - 181.40 ALT-V; clay infill, fract; 183.13 - 185.70 ALT-V, another shear w/ abund clay alt	Py rare <1%. @ 177.98; shear plane, clay alt ~5-10°CA. @180.30 shear plane 20°CA; narrow, ser. infill @ 181.37 gouge zone, high clay content shear/fault; ~10cm. 185.13 - 185.70 shear zone, ~70°CA. 186.49 - 186.49 strong sheeting near LC 30°CA						
186.69 - 198.55	RQFP; clear/grey qz eyes, ragged fsp phenos in light grn to greenish RHYL matrix. Sheared w/ generally brittle deformation; 190.10 - 191.34 anastomosing quartz LE in zone of RQFP, slightly coarser grained, w/ wk lim alt° appears like internal remobilization or V. late stage injection and recrystallization - larger, more abundant qz eyes.	ALT-M; pale green ser. alt° of matrix; locally sheared zones of higher alt° w/ minor clay	minor LC. 1%/ok ser. veining, <1mm 75-30°CA. Py V rare to absent (<<1%)						
198.55 - 200.05	QZMZ; completely disintegrated - box due to sfc exposure weathering and sampling - probably highly sheared, v. clay rich	ALT-S/X							
200.05 - 200.15	RHYL, qz flooded, silicified	ALT-M							
200.15 - 201.25	QZMZ, as previous, completely disintegrated sheared.	ALT-S.							
201.25 - 201.90	RHYL/RQFP, highly frac'd internally, veins w/ dk ser; 1% Py	ALT-M							
201.90 - 202.70	QZMZ, sheared, decomposed.	ALT-S.							
202.70 - 203.65	AND? w/ minor intermixed QZMZ. (60-40);	ALT-S;							

CME

Hole No.: 97-48

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
203.65 - 215.76	QZMZ, highly sheared, altd; minor xenos of AMDS.	ALT-X, v. bleached, large qz-floods; sericitized fsp.; clay v. common on fract sfcs.	205.00 – 206.45 SHR. Z @205.70 & 205.30 dk calcsilicate sheers; v. fissile. 205.70 - 206.05 close to MYLT, v. highly sheared; fissile; QZMZ w/ 5-10% assem sx of primarily py; poss aspy 207.80 - 208.05 breccia zone, QZMZ, and QL-Sx vn frag; Qz-Sx vn frags up to 85% Sx - Stb - aspy. @208.75 qz vn 15cm/25°CA white, bottom.						
	209.65 - 213.70 Bx QZMZ; v. sheared w/ large qz rich frags contained in fract fabric rolled + milled	ALT-X, v. clay rich	209.65 - 213.70 fract dissem stb? blue grey - diffused in qz rich frags						
	213.70 - 215.76 QZMZ, sheared, ductile deformation still v. clay rich esp along fract/sheet planes	ALT-S.	@LC v. sheared, clay rich						
215.76 - 231.85	ROFP; v. similar to previous ROFP; wk flow-banding	ALT- M.	Dissem py ≤ 1%, cubic 215.76 - 219.60 wk Sx stringers throughout ROFP; v. narrow; appears to be primarily py-stb-poss aspy and talc. - Stringer orn. to pressure into formation						
		225.05 - 225.75 v. greenish seri-rich core, except angular qz-eyes which exhibit a halo around them which is still white/tan	~270° flow banding 10-15°CA						
		227.77 - 231.85 incr seri alt — greenish, as above; where flow banding, seri concentrates on certain bands.	227.77 - 231.85 incr. sheeting w more seri-Sx stringers @230.70 flow banding 20°CA 231.30 - 231.85. fract w/ wallrock by seri + Sx veins.						

CME

Hole No.: 97-48

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
231.85 – 234.90	MYLT / SMR-Z ; v. sheared, milky, veined QZMZ frags in v. fn. grained dk grey to brownish green seri/clay rich matrix ≤10% is identifiable as QZMZ.	ALT-X ; clay/seri	Sx ≤ 5%, where recognizable is commonly stkb. (dk blue grey) Assoc w/ qz vn frags (?) or as discrete dissem						
234.90 – 245.83	RQFP ; as previous unit. Pyritic 2 - 5%. 236.42 – 236.62 QZMZ xenO.	ALT- M / S. - clay alt of fsp phenos - pale green dur to pervasive seri.	Flow banding 15°CA. Dissem py. Large aggregates up to 5mm Minor sx veins, dk blue, py. stkb @240.30 v. seri rich frac zone, pass fault w/ sx veins of fine dissem py. @244.10 Flow banding 20°CA.						
245.83 – 265.92	QZMZ, v sheared, locally brec (tectonic/fluvial determination)	ALT-X ; v. clay rich, seri-rich,	UC zone v. sheared, almost MYLT, Pyritic 2%	09904	246.90 – 248.11				
			@250.30 shear/fault, clay rich, large qz frags, dk sx - seri	09905	248.11 – 249.63				
			@251.25 qz veining, irreg shape, pinching out ; wht massive qz w/ dissem py (10%) ~45°CA	09906	249.63 – 251.16				
			@253.45 qz vn frag? w/ minor sx (py)	09907	251.16 – 252.68				
	@265.00 MMDS xeno.		@253.35 pyritic sheer, dk grey brown ~1cm/55°CA	09908	252.68 – 254.20				
			@255.90 qz vn, wacs wkt w/ boun. ~1cm/70°CA	09909	254.20 – 255.73				
			265.10 – 265.60 MYLT zone, dk grey highly foliated, milked rock.	09910	255.73 – 257.25				
				09911	257.25 – 258.80				
265.92 – 266.25	MYLT, banded, milked QZMZ frags + PHYL frags	ALT-X.	Fabric 10-15° CA.						

CME

Hole No.: 97-48

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
266.25 - 268.20	RHYL / QFP. strongly sheared, frac'd	ALT-S.	Pyrite 2%, Sv veins common, generally v. fg grained py						
	267.80 - 268.20 MYLT/BX ZONE	ALT-X							
268.20 - 269.10	QZMZ, highly sheared, all ß	ALT-S/X							
269.10 - 273.45	RHYL/QFP, sheared; w. tension fill by green ser, oriented down CA.	ALT-S; v. ser. rich, v green; bleached near UC.	269.54 - 269.69 strong fault/shear, decomposed/fissile RHYL. 30°CA, 5cm wide						
		273.20 - 273.45 ALT-X	@LC, sheared, ~40°CA						
273.45 - 274.02	QZMZ;	ALT-S							
	273.76 - 274.02 core is ½ QZMZ & ½ ANDS; contact down CA; contact is irregular.								
274.02 - 275.54	ANDS, green; mod qz-cb stwk	ALT-S, v. bleached; sericitized phenos; olive coloured matrix.							
		Minor ron assoc w/ qz-cb vnlts.							
275.54	END OF HOLE								

CME

Project name: SKUKUM
Project #: CP56C
D.D. Hole #: 97-49
Relog

Length (m): 211.53
Grid: UTM NAD 83
Dip: -60
Azimuth: 180
Core size: NQ

Contractor: CARON
Northing: 6672865.395
Easting: 484196.950
Collar Elev.: 947.0

Hole survey type:
Started:
Completed:
Re **Logged by:** TV
Date logged: 11/13/03

Depth	Dip	Azimuth

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0.00 - 0.91	CASING/NQ CORE								
0.91 - 21.00	QZMZ, med. grained, equigranular; pink & green when fresh; Minor ANDS and/or DIOR xenos V. localized where fresh Qz-cb vns occur every 1-3mm, typically <1cm, 70-80°CA, vn alt'n halos	ALT - N/W, var ABV, typically more veins of W/M alt'n around qz cb ep. vns. 17.03 - 21.00 ALT - W, propylitic	Rare py (<1%) @17.40 qz vn, mass with 15cm/60°CA w/ dk grey shear plane @ UC.						
21.00 - 25.65	ANDS, porphyritic; olive to med green matrix, depending on alt'n grade, phenos dark green to bright green, <1 - 3mm, puss dk rep or bot? 24.08 - 24.26 RHYL, pale yellow green, silicified minor horn free relicts ALT - S 24.55 - 25.00 QZMZ xenos(?) ALT - S, v. bleached, pyritic 3%, clay alt'n	21.00 - 22.00 ALT - M, bleached 22.00 - 23.70 ALT - W; lightly bleached. 23.70 - 25.00 ALT - M, bleached, pyritic, bright green sericitic phenos	Py 1-3%, concentration in alt'n zones near contacts, assoc w/ dk phenos 23.70 - 25.65 Py 5% in ANDS						
25.65 - 31.20	QZMZ, as previously described, vari. alt'n grade; no qz vns except narrow stringers of cb-qz	25.65 - 26.80 ALT - M/S; v. bleached, no iron from weathering Pyritic 26.80 - 29.20 ALT - M 29.20 - 30.00 ALT - W; faulty fresh. 30.00 - 31.20 ALT - M;	25.65 - 26.80 Py 20%, disem in QZMZ along grain boundaries - this unit is similar to hw-bearing QZMZ elsewhere except no aspy						
31.20 - 32.77	ANDS, med green	ALT - W, some bleaching near UC	UC sharp 35°CA. Wk pyritic 1%. @32.08 discontinuous qz vn, chaot qz w/ 20% py, large aggregates.						

CME

Hole No.: 97-49

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
32.77 - 48.86	QZ-MZ; fairly fresh, pinkish 34.55 - 34.75 ANDS xeno(?) - separated by 5cm QZMZ. - ALT - M; bleached	ALT - W; wk propylitic, K-spar overprint 34.75 - 35.50 ALT - W/M 35.50 - 47.00 ALT. N; (sl.c. oxidized core - difficult to estimate alt grade) 47.00 - 48.86 ALT - W; some ser; also K-spar.	Py vein: (<1%); actinm veins @48.03 qz-cb. ser. py vn; slightly disrupted and small offset 1-3cm wide / 15°CA; py ~ 10%; v. fn grained to aggregates. - wk org alt° halo. Py ≤1%. UC - 35°CA. LC - 30°CA.						
48.86 - 50.69	ANDS dyke, fine, wk qz-cb stwk.	ALT - W, lightly bleached. - less common of traces and assoc w/ qz-cb							
50.69 - 52.00	QZMZ, v. pink. - K-spar alt° pervasive	ALT - W; minor qz-cb hairline vnts.							
52.00 - 57.28	QZMZ, moretypical brown weathering to pale green alt'd QZMZ unit.	ALT. M; more sericitic alt°; still a wk pervasive K. spar alt°	@ 52.00 - 52.20 gouge section 3cm / 40°CA; qz vning 3cm/40°CA						
		@56.20 yellow alt° along fracs - previous ser.							
57.28 - 61.80	ANDS; med green, wk qz-cb stwk,	ALT - W; wk bleaching - to 59.85	Pyritic 3-5% UC, v. low ang to CA - 15°CA (sheared but sharp)						
	59.85 - 61.80, SHZ. 2 w intermixed ANDS and QZMZ. - latter may only cross cut of core - v. pyritic 10-15%) coarse aggregates.	59.85 - 61.80 ALT. M/L, bleached, olive brown; bright green seri - phyllic.	@ 61.33 qz-cb vning; 2cm / 50°CA minor fine-grained py.						
61.80 - 62.32	QZMZ.	ALT - M, bleached.	62.18 - 62.32 clay alt°, sheared & gouge w/ dk grey fossile shear plane (decomposed) - contact w/ ANDS below.						
62.32 - 63.07	ANDS.	ALT - M.	UC v. sheared, to milky bx'd. - chloritic qz infill LC 30°CA, sharp						

6.17

CME

Hole No.: 97-49

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
63.07 – 63.94	QZMZ	ALT- M.							
63.94 – 64.87	ANDS. porph; wk qz-cb stwk.	ALT- W, except @ extreme LC where ALT-M (bleached)	UC 45°CA LC 50°CA sheared / altered.						
64.87 – 69.20	QZMZ; wk shearing, evidence in narrow qz-cb veins (<1mm) and traces noted w/ seri	ALT- M; bleached, wk qz-flooding							
69.20 – 70.00	ANDS. porph; mod qz-cb stwk	ALT-W/M, bleached slightly; how assoc w/ qz cb veins	UC - multiple offsets (<2mm) ~ 50°CA.						
70.00 – 74.28	QZMZ;	ALT- M/S. seri alt° grade incr.							
		70.35 – 71.80 ALT-S; green seri; ferromin, sericite rich, strong zone (see →)	71.70 – 71.40 shear zone, 30°CA. strong fissile development w/ fine grained py.	09912	70.70 – 71.52	0.82	795		
	72.79 – 72.93 ANDS, porph 35°CA		@ 71.35 bleached QZMZ w/ 10-15% fine grained py.						
74.28 – 76.55	ANDS, porph; mod-strong qz-cb stwk.	73.92 – 74.28 ALT-S; incr clay ALT- M bleached	UC - 30°CA. Py runs near U/L contacts. Rare between						
	74.90 – 75.16 QZMZ; ALT-M.								
		75.16 – 76.55 ALT-W, greener.	LC - 30°CA; bleached over 2cm w/ 5% py						
76.55 – 82.45	QZMZ	ALT-M, locally S, v. seri	@ 79.54 shear; qz-cb-seri 30-40°CA						
			@ LC, cataclastic shear plane; dk grey clay, 40°CA						
82.45 – 85.10	ANDS, porphy; pyritic; strong qz-cb stwk; sheared.	ALT-S, v. bleached, bright green, seri phenos.	Py 3-5%. 81.60 – 85.10 py ~10%, disseminated py stringers						
85.10 – 117.80	QZMZ	85.10 – 87.50 ALT-S, bleached, locally qz-flooded; seri rich & abund clay along fracs.	85.10 – 85.80 dk cataclastic(?) infill material - v. dk brown, fine grained clay						
		86.05 – 86.93 ALT-S/X; clay; vuggy							

CME

Hole No.: 97-49

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(QZMZ, conic)	@ 86.60 ALT. S; v. green ser. surrounding qz vn/lts.	@86.60 qz vn w/ fine dissem aspy needles, vnlts 5mm; 30-35% aspy, some fine py, irregular vns; also wk dissem py/aspy in immediate w/r.	09913	86.45 - 86.45	1.00	40		
				09914	86.45 - 86.65	0.20	0.96%		
				09915	86.65 - 87.50	0.85	15		
			@87.06 dissem py in QZMZ, v. fn 2 x 1cm area; 10% py						
			@87.30, shear planes ~ 20°CA, dark clay/ser;						
		91.04 - 91.49 v. green sericitized QZMZ	@90.97 anastomosing qz-cb vnlts 4mm						
		102.30 - 108.30 mod. strongly bleached w/ incr qz flooding and introduction of incr SX	103.05 - 103.56 (approx) 10-15% finely dissem py + aspy w/ alt'd QZMZ & qz flooding.						
	106.07 - 106.38 ANDS., ALT. S, bleached 3-5% py.		103.56 - 106.07 py 3-5% dissem.						
			106.38 - 106.88 py ~ 3-5%.						
			106.88 - 107.75 series of QZ-SX VNS w/ locally rich aspy in vn and also dissem aspy py in qz-flooded QZMZ.						
			@107 ~ 10cm zone of QZ-SX VN w 40% SX (aspy/py)						
			@107.15 qz flooding w/ aspy.						
			@107.57 qz vn w/ 10% aspy, most SX dissem in wall rock over 107.38 - 107.75; 15% aspy/py.						
		108.30 - 112.30 ALT - M, more typical "brown" weathered QZMZ							
		112.30 - 113.60 ALT. S	112.30 - 113.60 zone similar to above SX zones, qz flooding, bleached QZMZ; dissem SX of py & rarer aspy to 10%; esp near 112.30 where contacts w/ shear (40°CA)	Note: error in ASSAY DB SAMPLE B95272 interval should be 112.30 - 113.60. (drill hole TV:					
		113.60 - 116.75 ALT - M.							
		116.75 - 117.80 incr. bleaching & SX	116.75 - 117.60 SX; primarily py dissem from 3 - 10%; qz flooding and narrow (<5mm) qz vns	09916	116.25 - 117.04	0.79	20		
				09917	117.04 - 117.80	0.76	235		
		117.60 - 117.80 v. strong seri/clay, green no py	@117.40 py ~ 10% dissem, offset qz vns.						

CME

Hole No.: 97-49

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
117.80 - 122.42	RQFP, lt grey to v light tan and overall pale green hue. Dk grey glassy qz eye phenos; lagged fsp phenos, generally < 2mm size. Relatively homogenous & competent.	ALT-M; clay on contacts w/ fracs.	UC 40°CA, sharp. 117.80 - 119.30 pyritic 5% in discrete aggregates evenly distrn in dyke						
122.42 - 122.72	QZMZ, sheared w/ ½ of section (and ½ core) occupied by v. qz rich vn? w/ 5% ?; ex fn grained; may only be ck. shr; bx'd.	ALT-S.		09918 09919	121.62 - 122.42 122.42 - 122.72	0.80 0.30	<5 <5		
122.72 - 123.32	RQFP. as previous								
123.32 - 125.75	QZMZ, v. sheared, altd @125.37 v. narrow xlen RQFP dyke/sill.	ALT-S; abnd seri along fracs.	Py ≤ 1%	09920 09921 09922	122.72 - 123.32 123.32 - 124.66 124.66 - 125.75	0.60 1.34 1.09	5 <5 45		
125.75 - 131.70	RQFP; as previous	ALT-M	UC v. irregular, sheared and offsets Flow banding near LC ~ 45°CA @LC, irregular ~ 15-25°CA.	09923	125.75 - 126.57	0.82	10		
131.70 - 137.75	QZMZ 131.70 - 133.65 wk shearing.	ALT-S, seri rich, qz flooding	133.65 - 133.80 v. sheared/fault clay gouge; ⊥ to CA; wk bx'd QZMZ @ 133.75.	09924 09925	131.70 - 133.65 133.65 - 135.00	1.95 1.35	5 20		
		133.98 - 137.75 ALT-X	133.98 - 137.75 SHR-Z; docile fabric developed in QZMZ w/ local cataclastic shears - some milled/rolled QZMZ frags Sporadic 5% throughout SHR-Z; dominantly Py 5-20%, rare aspy (?) - ck grey metallic	09926	135.00 - 135.80	0.80	<5		
	@132.18 ANDS dyke w/ qz flooding and 5-10% distrn 5%.	137.45 - 137.75 v. bleached QZMZ, almost FELS; rare vf distrn cubic py.							

CME

Hole No.: 97-49

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
137.75 – 141.16	ANDS; porph; mod-strong qz eb stwk, local qz flooding and vnlg w/ assoc diffuse dissem Ex. 138.50 – 139.00 (approx) QZMZ, sheared; high ALT – S/X; py ~ 5%, qz vnlg. @ 140.70 10cm QZMZ frag	ALT – S w/ v. bleached; qz flooded and locally sulphidized	@138.40 qz vn flooding w/ py – aspy. @ 139.90 5x vnlts of aspy – 20%. 138.90 – 140.05 (approx) mylonite shear; dk clay/serr + 5x. @ 140.95 narrow wht qz vnlt ≤1mm w/ wide halo of aspy (1cm total width) – typical characteristic of high grade. ANDS dykes elsewhere – lower grade here – too high in system? – also well out of main zone.						
141.16 – 155.16	QZMZ, sheared, highly alt'd This unit is characterized by several narrow ANDS dykes, typically v. pyritic and locally sulphidized w/ py + aspy and minor qz-flooding. ANDS localities listed below.	ALT – S/X; locally v. clay rich + vuggy.							
	142.00 – 142.43 ANDS, porph. ——→	ALT – S ←——	new vn; high 5x content w/ qz vnlg; 5–10% aspy + py	09927	141.43 – 142.43	1.00	790		
	@ 143.45 ANDS dykelet – faulted, clay alt'd cross cutting qz vnlt w/ dissem aspy/py halo →	ALT S	142.23 – 142.43 shear/fault; QZMZ frag w/ clay alt'd /5x'd ANDS. @ 143.55 qz + aspy py "bleeding" into QZMZ from ANDS/SMR-7.	09928 09929	142.43 – 143.98 143.98 – 145.58	1.55 1.60	675 150		
		143.82 – 144.26 ALT – X	143.82 – 144.26 3X zone; QZMZ + ANDS; clay alt'd, highly sheared v. soft and crumbly Several qz-5x vn frags	09930 09931	145.58 – 146.98 146.98 – 148.60	1.40 1.62	195 855		
	144.68 – 144.84 ANDS dyke / sheared w/ 7–5% py + interlayered QZMZ, qz flooding	ALT – S							
	145.58 – 145.72 ANDS dykelet; v. irregular by ~ 3cm / 35°CA; 3% py.	ALT – S	@145.33 shear, clay alt'd ~ 30°CA. local qz-5x vn frags <5%						

CME

Hole No.: 97-49

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	145.72 - 146.09 intermixed, sheared QZMZ & ANDS fragments/remnants	147.00 - 155.14. ALT-X (QZMZ) @147.30 0.5 alt° (clay) in shearing.	@146.17 qz flooding w/ arpy ^3cm/3cm area; 5% aspy	09932	148.60 - 150.10	195			
			@147.62. fragments of wht qz vn w/ minor py + pass aspy along selv.	09933	150.10 - 151.60	20			
	149.30 - 149.58 ANDS (and minor QZMZ) qz-flooding in QZMZ & into ANDS, Pyritic 3-5%, fine dissem; assoc w/ qz vnts			09934	151.60 - 153.05	80			
			@149.55 fault/inter ANDS, 3% py.	09935	153.05 - 153.62	235			
	153.05 - 153.62 QZMZ & ANDS; Py + aspy common; esp in ANDS - up to 35-40% over narrow widths in qz vnlt halos. (153.12 - 153.56 ANDS unit)			09936	153.62 - 155.14	40			
	154.10 - 154.45 ANDS dyke (approx)								
			154.45 - 154.60 Fault, completely decomposed QZMZ.						
155.14 - 158.42	ROFP; tan to pale pink to green near contacts, glassy grey qz eyes; eu-subhedral qz phenos Flow banded	ALT-M; erratic Q contacts.	UC sheared/fractured						
		155.14 - 155.45 ALT-X; v. green ser; r.c.m. clay r.c.m	@ 157.0a flow banding @ 15-20°CA						
		158.35 - 158.42 ALT-X; ser green.							
159.42 - 159.93	QZMZ, highly sheared @ UC small wedge of ANDS	ALT-X; high clay alt°	UC 30°CA shears; w/ ANDS @ contact w/ 5-10% 3x (py dominant)		Note: Sample B195728 interval in DB core - should be 158.42 - 159.42; 1.00m				wrong when check against
159.93 - 170.63	ROFP; as described above. Fairly typical N. Marker type dyke.	159.93 - 161.40 ALT-S/M. greenish/blue colour to unit, abund clay in FLT-2.	160.59 - 161.27 FLT-2				Corrected		
		161.40 - 170.63 ALT. M/W	@LC, 30°CA; red alt° right @ contact unit in QZMZ						

CME

Hole No.: 97-49

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
170.63 – 175.76	QFMZ, highly sheared and altd breaks easily along shear planes / shear fabric. @171.24 narrow frag of ANDS – ALT-SX.	ALT-S.; strong clay/seri. Mod qz flooding.	Py ≤ 1%, generally dissem w/in py. @171.63 shear plane 30°CA. @172.33 irreg qz vn w/ dissem py, clay/seri selv, abund fn dissem py in immediate w/r. 174.72 – 175.22 MYLT/BX zone, dark seri/Sx matrix w/ qz frags at low angle to CA.						
175.76 – 192.15	RQFP; as previously described	ALT - variable. 175.76 – 176.48 green seri-rich contact zone (ALT-X), true width is only ~5cm. 176.48 – 177.44 internally sheared and altd ALT-S (?) 177.44 – 190.08 ALT-M; locally absnt seri in fine healed fracs; gross green alt? 190.08 – 191.11 ALT-S 191.11 – 192.15 ALT-Y; v. green seri/clay rich contact zone.	LC – 30°CA	09937	191.11 – 192.15	<5			
192.15 – 204.18	QFMZ; wk sheared. 195.25 – 195.35 ANDS, bleached, altd, porphy. 193.48 – 193.71 ANDS, bleached, altd, colour v. irreg contact w/ QFMZ (xenolithic)	ALT - S/M, general decr in altn, still seri, less to no clay in fracs.	@LC qz-rich w/ varing 5x: primarily py visible, poss grey wspy but no definitive. Py ≤ 1% through most of unit. @196.64 single acic aspy xtal in QFMZ @199.53 diffuse qz vn w/ fine dissm aspy & py over narrow width	09938 09939 09940 09941 09942 09943 09944 09945 09946 09947	192.15 – 192.45 192.45 – 194.00 194.00 – 195.50 195.50 – 197.00 197.00 – 198.50 198.50 – 199.34 199.34 – 199.80 199.80 – 201.30 201.30 – 202.80 202.80 – 204.18	240 25 <5 <5 5 <5 100 5 <5 15			

CME

Hole No.: 97-49

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
204.18 - 206.78	ANDS., wk porph; wk qz.-cb stkwk.	ALT - M/W med green, wk ser.	Py <<1%.	09948	204.19 - 205.44	1.26	15		
				09001	205.44 - 206.78	1.34	<5		
206.78 - 211.53	QZMZ; wk shearing	ALT - M/S.	Py ≤ 1%.						
211.53	END OF HOLE								
	NOTE - Hole may have been stopped too early.								

CME

Project name: SIKUKUM
Project # : CP56C
D.D. Hole #: 97-50
(Relog)

Length (m): 270.97m
Grid: UTM NAD 83
Dip: -70
Azimuth: 180
Core size: NQ

Contractor: CARON
Northing: 6672865.395
Easting: 484196.950
Collar Elev.: 947.

Hole survey type:
Started:
Completed:
Logged by: TV.
Date logged: 11/15/03 - 11/19/03

	Depth	Dip	Azimuth
Started:			
Completed:			
Re Logged by: TV.			
Date logged: 11/15/03 - 11/19/03			

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0.00 - 0.91	NO CORE / CASING								
0.91 - 31.80	QZMZ; med. grained equigranular; pale green when fresh; v. magnetic where fresh. Minor fault and/or diab xenos.	ALT - weak; fresh to propylitic to locally argillic (surrounding qz cb vns) and wk K-spar occasionally. NiO minor silicification / qz-flooding but usually seen in more altered phases.	Py ≤ 1%.						
		3.70 - 4.13 propylitic	@3.55 qz vn 2cm/65°CA.						
		@ 4.30 K-spar.	@5.04 qz-cb vn 5mm/80°CA.						
		@7.00 argil alt (seri) ~10cm wide around fract/qz flood.	@10.75 qz vn. w/ smoking. 1cm/80°CA w/ cb along SalV.						
			@10.94 qz-cb vn, 5mm/75°CA w/ K-spar, chl and ser. alt.						
			@11.40. qz-cb vn 4mm/75°CA w/ 15cm grey alt. halo.						
		14.40 - 19.50 ALT-W, propylitic	@16.45 qz vn, 2cm/60°CA w/ minor cb fracture LL, py along upper selvage. (<3%)						
		19.50 - 25.08 ALT-M, seri. rock "brown-weathering" 5% of core	@19.63 qz vn w/ cb upper salv. ~5mm/65°CA.						
	22.67 - 23.62 RHYL; ALT-X; clay alt'n; w/ intrusive QZMZ frag - v. lt green massive; qz eyes & fsp phenos. UC - 50°CA, LC - 70°CA		@23.21 chalcocopyrite veins 3cm/60°CA						

CME

Hole No.: 97-50

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
		25.08 – 31.80 ALT - W/N; variably weak alt'n w/ rims of fracturebleached QPMZ.							
31.80 - 34.33	ANDS; med to dark green matrix w/ darker green phenos, wk qz-cb stkwk vnlts (tension gash)	ALT - W/N; quite fresh looking - hem common on frac sfcs; also wkly pervasive hem alt'n of ANDS	V. rare py (<<1%) UC broken. LC sheared 70°CA						
34.33 - 36.87	QZMZ; as previously described; typical hanging/footwall alt'n and texture.	ALT - M/W - typical "brown weathering" limonite coating.	@34.78 qz-cb vnlts w/ minor ANDS; 1cm/25°CA						
	@36.10 ~.7cm wedge of ANDS; highly fract'd w/ infill qz-cb.								
36.87 - 37.72	ANDS; purple.	ALT - W; UC bleached over 5cm hem alt'n on fracs.	UC 60°CA LC 20°CA						
37.72 - 43.24	QZMZ.	ALT - variable. 37.72 - 38.62 ALT - W 38.62 - 41.26 ALT - M 41.26 - 43.24 ALT - W; propylitic	Py < 1%. @39.11 qz-cb vn ~1cm/25°CA; rare py.						
43.24 - 47.08	ANDS, purple.	43.24 - 43.45 ALT - M, bleached zone @ contact 43.45 - 46.84 ALT - W, med green hem alt'n common; wk qz-cb stkwk. 46.84 - 47.08 ALT - M, bleached contact zone.	43.24 - 43.45 py ~2%, patchy aggregates to v. fn grained @45.19 cb-qz vn ~1.5cm/40°CA w/ wg alt'n halo; phenos in ANDS bright green. LC sheared 30°CA						
47.08 - 61.70	QZMZ	ALT - W, - wk bl pervasive K-spar alt'n	54.09 - 54.29 wg alt'n around several cb-qz vnlts.						

CME

Hole No.: 97-50

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(QZMZ, variable)	58.00 - 58.31 ALT - M, - altd halo around 2 qz-cb valls ——→ 58.31 - 61.70 ALT - N, - fresh looking, local wk propylitic, but still v magnetic	@55.05 qz-cb vnlt, 5mm/70°CA w/ 3cm wg. altd halo @58.11, 58.22 qz cb valls, 4-5mm 70-80°CA.						
61.70 - 64.34	ANDS; porph.; v wk qz-cb stwk.	ALT - W; wk bleaching through unit - pale greenish grey, phenos still dk green; - no strong seri alt'n yet.	Py 1-2%; ~ 2-3% near upper contact; decr to 1% down hole; disem cubic and aggregates						
64.34 - 81.03	QZMZ, variable grain size	64.34 - 65.95 ALT - W; K-spar 65.95 - 67.50 ALT - W/M, incr K-spar and propylitic, QZMZ texture fresh 67.50 - 68.30 ALT - M; sericitic, bleaching and increased qz 68.30 - 78.50 ALT - W, though highly variable; from local zones of fresh to moderately altd zones of sericite 78.50 ALT - M, strong propylitic w/ incr sericitic altn	Pyrr Py 5.1%						
	78.74 - 78.94 ANDS, highly bleached and fract (ALT - S); fracs infilled w/ dk clay?, poss hem; bright green seri phenos		67.30 - 68.30 long low angle to CA frac - sericitic altn may be halo around this fracture 674.55 low angle frac - hematite in FLT. - broken rock ~ 10cm.						
		78.94 - 81.03 Bleached and locally completely qz fissure or silicic replaced - no QZMZ texture rec from 79.45 - 81.03. Bounded by shear/frac and ANDS	78.94 - 79.45 Py - 3%. 79.45 Frac/shear; clay altn on sfc 50°CA 79.45 - 79.80 - v. vitreous to glassy, silt replaced w/ v. fn disem cubic py 1-2%. @ 79.80 another frac/shear w/ yellow altn clay 80.47 - 81.03 low angle frac (~ 5°CA) with silica flooding along it and highly bleached QZMZ wkr.						

Hole No.: 97-50

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
81.03 - 85.55	ANDS, bleached & alt'd	ALT - M ; olive coloured due to bleaching, phenos are variably sericitized (W - S)	Py ≤ 2%; generally higher near contacts where bleaching/alt'n is strongest.						
	~81.45 ANDS highly fract'd to brec w/ fine infill & healing by seri (green)		@ 83.20 (approx) qz-cb - 5% veins w/ dk clay ± 5% matrix surrounding sheared phenos; v. fine dissem sfds at ~5%						
85.55 - 86.40	QZMZ, wk-mod shearing.	ALT-S ; incr clay occurrence esp on fracs and also core locally pitted or rough where clay is now absent	Py rare ≤ 1%.						
		Bleached and qz-flooded (mod) Pink stronger green seri alt'n							
86.40 - 89.35	ANDS; qz-cb stwk much stronger - increased shear regime in this area, also short discontinuous tension gash qz-cb infills, wkly aligned close to CA.	ALT-W ; locally M.	Py ~ 2%.						
89.35 - 102.30	QZMZ, more competent than previous unit, less indication of internal shearing	ALT - M/S ; sericitic.	UC sheared, 3°CA						
			@92.50 cb vn, irreg; ~ 70° CA.						
			93.00 - 95.80 SHR.Z ; qz-flooded w/ strong shearing, numerous dk cataclastic shears/anastomose 2mm/s minor qz vns ; fabric dominant 25°CA.	09002	95.80 - 97.20				
		97.2 - 98.15 strong bleaching	@97.46. qz-5% vn. ~ 1cm/ 5-10°CA w/ massive sx w/ wht qz.						
			@97.85 qz-5% vn, wht cloudy qz; ~3cm/ 30°CA.						
			Dissem 5% in QZMZ to end. 3-5% (to 99.96). py	09003	98.15 - 99.38				
			@99.32 narrow vein w/ dissem py.	09004	99.38 - 100.66				
			@99.63 qz-cb vn w/ py, 1cm/35°CA w/ thin ANDS stringer.						

CME

Hole No.: 97-50

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(QZMZ, cont'd)		@ 99.82 qz-sx vn, pinches out, up to 2cm w/ abund aspy/py dissem in w/r (up to 10%) - yellow alt'n mineral common (AS-ox?) ~40°CA.	09005	100.66 - 102.30				
			@ 101.49 qz-cb vn: barren 5mm/25°CA w/in prop'l ser alt'd QZMZ w/ 5% dissem py.						
102.30 - 104.71	ANDS, prpby; mod qz-cb stwk.	Upper lower contacts bleached & pyritic; sheared; rest is ALT M/W. (med green; dk green phenos)	@ UC 70°CA; py = 5-10%.	09006	102.30 - 103.66	15			
			103.35 - 103.48 qz-flooded w/ sulphidation in ANDS; 25-30% dissem aspy & py; vnlts/stkwk directly 45°CA 4cm f.w.; also cb in qz vnlt.	09007	103.66 - 104.71	10			
104.71 - 106.23	QZMZ;	ALT - M/S	UC broken	09008	104.71 - 106.23	375			
			105.98 - 106.23 10% dissem py in QZMZ.						
			@ 106.23, contact is sheared qz VN 2.5-3cm/30°CA; w/ dissem py & aspy ~20%.						
106.23 - 108.47	ANDS, as previous;	ALT - M;	UC (VN described above); py - 1%	09009	106.23 - 107.62	45			
				09010	107.62 - 108.47	15			
			LC, sheared; ~20-30°CA; abund cb-qz.						
108.47 - 137.75	QZMZ,	ALT - M; v bleached; strong green ser alt'n @ UC. (ALT - S)	108.47 - 109.12 10-15% dissem py ± aspy in QZMZ; contact zone qz flooded;	09011	108.47 - 109.12	2.06 g/t			
			109.12 → dissem sx decr. to 5-1%.	09012	109.12 - 110.64	25			
			@ 114.94 qz VNlt, wvy, 5mm/60°CA						

CME

Hole No.: 97-50

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
				09013	113.94 – 115.40	1.46	95		
	(QFMZ, cont'd)		@115.60 qz-sx vning, and abundant qz flooding through QFMZ fine-grained sx assoc w/ flooding 15% py ± aspy.	09014	115.85 – 116.85	1.00	115		
			115.60 – 115.95 disem py 15%.						
		128.76 – 129.24 ALT-S; strong ser + clay	@129.70 qz bx.						
			@129.95 10cm zone of disem py (5%) in QFMZ						
	132.99 – 133.73 ANDS; ALT-M strong qz-cb alt^{n}; mod bleaching; hem, ser.								
		135.30 – 137.55 ALT-S; strong argillic/sericitic alt^{n}; green grey QFMZ; incr qz vns/flooding bleached to w. pink.	135.30 – 137.55, 3-5% disem py ± aspy.						
137.75 – 139.85	RQFP, tan to soft coloured matrix w slight lim-alt'd fsp o glassy grey qz eyes	137.75 – 138.38 ALT-W/M	Py ≤ 1%.						
		138.38 – 139.85 ALT-M/S; incr clay along fracs.	139.40 – 139.75 minor hairline sx veins	09015	137.75 – 138.38	0.63	15		
			UC – 30°CA, LC – 40°CA	09016	138.38 – 139.85	1.47	30		
139.85 – 146.86	QFMZ;	ALT-M/S; variable grade of ser alt^{n}; generally wk-mod bleaching	Py ≤ 1%.						
			139.85 – 140.00; showed UC w/ qz vn/+ sx., yellow alt^{n} mineral, clay, ser – qz is cloudy to clear grey w/ 5-15% sx of py ± aspy.	09017	139.85 – 140.25	0.40	2.12%		
				09018	140.25 – 141.25	1.00	25		
146.86 – 151.40.	ANDS; mod green. w/ dk green phenos; locally alt'd, esp around qz-cb vn/vnlts Mod – strong qz-cb stwk.	ALT-W/M;	UC 60°CA narrow 3cm bleached uc.						
			Py 1-2%.						
	147.62 – 148.04 QFMZ zone, several narrow alternating zones of QFMZ/ANDS – gradable interfingering of erratic ANDS dyking								
			@148.74 shear w/ qz-cb vning. 1cm/30°CA; other similar shears @ 149.10 and 149.40.						
		149.40 incr hem alt^{n} on fracs o in qz-cb vnlts – wk pervasive hem alt^{n} of ANDS proper.	LC – 60°CA						

CME

Hole No.: 97-50

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
151.40 – 153.98	OZMZ; slightly atypical of other OZMZ w/ incr. chl after hbl(?); strong texturally (chl mod-grained); ANDS xenos.	ALT-M; incr. chl/ser; more dk green alt^{n} of mafics present	Py rare $\leq 1\%$.						
			@ LC patchy aniem py.						
153.98 – 154.70	ANDS; v. green; dk green phenos; mod-wk qz-cb stkwk.	ALT-W.	Slightly irreg UC & LC; intrusive w/ qz cb vning @ contacts. UC – 35°CA; LC ~ 50°CA						
	@ 154.42 OZMZ "dyke" 3cm/30°CA; ALT-W; slight K-spar alt^{n}.								
154.70 – 156.50	OZMZ; as @ 151.40 – 153.98	ALT-M/W; slight incr in ser; alt^{n}; still w/ abund chl after hbl(?) K-spar alt^{n} pervasive							
		@ 156.44 qz vn or fault 1cm/50°CA w/ chl/ser.							
156.50 – 166.01	ANDS; as previous strong to locally intense qz-cb stkwk.	ALT-W/M. Incr hem on fears and pervasive hem alt^{n} through core.	UC ~ 50°; intrusive Py 1–2%; disseminated; minor patches @ 157.07 qz vn; v. irreg qz, greenish, almost chalcedonic. 3cm/35°CA Strong tension gash qz-cb infill stkwk.						
	157.70 – 158.30 (approx) Fault/fz broken OZMZ xeno(?).								
		165.09 – 166.01 bleached ANDS. ALT-M.	UC sheared and faulted; abund clay. 20°CA						
166.01 – 172.96	OZMZ; typical alt'd OZMZ seen elsewhere in hangingwall/fw wall	166.01 – 167.80 ALT-S; abund clay on fears in FLT-Z	166.01 – 167.80 FLT-Z						
			@ 166.60 major fault/shear plane – gouge, ~20°CA.						
			@ 170.39 qz vn/fz; v. fn grained qz, slightly greenish – due to ser.; 75°CA						
172.96 – 174.90	ANDS, mod qz-cb stkwk – less common in vn/fz.	172.96 – 173.08 ALT-M, bleached UC. 173.08 – 174.70 ALT-W	Py $\leq 1\%$.						

CME

Hole No.: 97-50

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(ANDS, cont'd)	174.70 - 174.90 ALT-M, bleached	LC v. low angle (~5°CA), sheared and offset w/ small ANDS wedge below in QZMZ. @174.80-174.90 incr. Py to 2% in patches and veins.						
174.90 - 199.35	QZMZ; as previous., mod to strong shearing	ALT-S; increased clay/ser; alt°, rock locally "pitted" due to loss of clay minerals. Highly bleached; esp. in FLT-2. 181.25 - 187.50 ALT-X; high clay content + ser, through MYLT zones and strong shearing	176.25 - 181.25 core increasing frac'd FLT-2. 181.25 - 187.15 strong shearing w/ numerous cataclasite shear zones, wk brecciation w/ entrained QZMZ frags; dk grey ser/clay matrix						
	182.15 - 187.85 MYLT/SHR-Z = abund dk grey matrix of clay/ser w/ variable sized QZMZ frags ~60/40 matrix to frags; Rolled + milled frags; Fabric ~30°CA.	← ALT-X.	← Py 3-5%; fine bisem						
			187.85 - 187.50 strongly sheared QZMZ, less clay/ser matrix; ductile shearing of QZMZ. 124.95 - 185.55 numerous shear / cataclasites w/ entrained QZMZ frags; generally narrow <1cm local incr. py strs. to 1-3%.						
	188.85 - 189.10 ANDS xeno; LC ~40°CA @ 188.95 zone/patch of 10% py (over 2cm) LC v. irreg., diffuse / intermingled w/ QZMZ.	187.50 - 199.35 ALT-S; locally ALT-X (see below)	@184.55 sheared QZMZ w/ 15-20% bisem py=>py over ~10cm. 189.10 → local aggregates or short stringers of py - overall ≤ 1%						
		192.35 - 193.25 intense qz flooding and bleaching ALT-X 193.25 - 194.60, still bleached, ALT-X less qz flooding; local aggregates of py.	@199.10 shear / fault w/ gouge 30-35°CA.						
199.35 - 207.00	ANDS, purple; mod-strong qz-ø stwk, locally intense tension fill, oriented sub-ll to CA. 199.80 - 200.17 QZMZ xeno	ALT-M/S, bleached, sericitization of dk green ø pinenites.	UC; irreg, intrusive ~20°CA						

CME

Hole No.: 97-50

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(AnDS, cont'd)								
202.00 – 270.97	QZMZ, sheeted and altd:	ALT – X/S, highly bleached. V serricitic; moderate qz flooding	Py variable; generally 1-3%.						
			@205.73 minor aspy-qz veins; aspy on selv and dissem in QZMZ ~3-4cm zone 15-20% aspy. [Note: despite narrow interval appears to be only source of gold mineralization within sample. 4cm over 150cm sample] Minor dissem aspy needles up to 2mm. Py up to 3%.						
			@208.65 qz-cb flooding.						
			@209.50 qz vn 2cm/65°CA; 5-10% sx dissem in wlr; vn itself is mass wht + barren; 80°CA.						
			@209.65 qz flooding wl 15% dissem py-aspy.						
			@210.40 qz vn, similar to previous, barren wht vn 1.5cm/85°CA w/ abund dissem sx (py+aspy) in alt'd halo around vn.						
			212.00-217.70 abund dissem py + aspy 25-30% in QZMZ; qz flooded.						
		213.05 – 214.35 ALT-X, v. clay alt'd; faulted; py dissem, patchy; ~ 3-5%	212.60-212.80 as above. 15-25% dissem sx						
			214.35 – 214.85 sheeted mass wht qz-sx vns, highly disrupted and boudinaged wl 15-25% dissem aspy + py in veins and grain boundary dissem in QZMZ.						
			214.85 – 216.40 fissile shearing wl multiple cataclastic shears; locally lt'd, milled QZMZ.						
		218.40 – 218.20 qz flooding; wl clay + serricite where fract'd / bx'd	217.55 – 218.18 argill'c fault zone, v. fissile clay altered rocks						
			220.75 – 221.15 v. fissile, cataclastic zones; abund clay/fault matrix.						

Hole No.: 97-50

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(QFMZ, cont'd)		@227.00 narrow calcitic shear plane						
	226.20 → decr showing in QFMZ still highly alt'd and bleached w/ qz flooding		@229.80 qz vnlt 5mm/90°CA w/ alt halo w/ 5% Py						
			@232.63 qz vn; wht massive barren ~1cm/75°CA						
	@235.80 ANDS xcpd								
			238.15-238.95 alt zone w/ incr. diskm py ± aspy	09019	237.43 - 238.15	0.72	30		
			@238.83 qz vnlt; wht mass. 3-5mm irreg orientation	09020	238.95 - 240.49	1.54	420		
			@240.80 qz vn 8mm/60°CA, diffuse contacts; strong arg alt halo	09021	240.49 - 242.01	1.52	2.01 SH		
			@240.96 qz vn; irreg ~ 1.5cm/60°CA w/ diskm py in vn.	09022	242.01 - 243.54	1.53	25		
			@241.03 shear 25°CA w/ yellow alt (As?)						
			@241.70 diskm aspy ± py w/ minor qz vnlts, yellow alt						
		244.53-244.81 silt-seri flooded, arg alt halo around narrow seri shear.	242.01-242.70 narrow offset sx vnlt. @244.19 qz vnlt 5mm/85°CA.						
			@247.73 qz vn. <7mm/40°CA, but discontinuous						
			@252.34 irreg mass wht qz vn; ~1.5cm.						
			@253.50 calcedony vn?, irreg, flooded thru core.						
		256.00 – 261.00 qz flooding. Numerous narrow (<5mm) wht qz vns, irregularly bleeding through core.	@256.70 pale bleached QFMZ w/ 10-15% diskm py over 10 cm.	09023	256.22 - 257.25	1.03	515		
			@259.28 numerous dk clay/seri shear bands over 10 cm 25°CA	09024	257.25 - 258.78	1.52	110		
				09025	258.78 - 260.30	1.52	80		

Hole No.: 97-50

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(QZMZ, cont'd)	259.30 → alt^n clear slightly, still strong	@259.98 chalcedony (?) vn, infilling / replacing core; olive green, sucrosic texture.						
			@260.18 qz vn, irreg, ~ 1cm/ 80°CA.						
			262.00 – 267.50 series of narrow (<2mm) qz vnlts, oriented near ll to CA w/ coarse disseminated Sfd (metallic blue-grey)						
		263.20 → ALT – M/S, less seri, v. rare chlty.							
		@270.05 qz flooding							
270.97	END OF HOLE								

CME

G97-52

Project name: GG
Project #: OP56D
D.D. Hole #: G97-52

Length (m): 325.83
Grid: UTM NAD 83
Dip: -60
Azimuth: 180
Core size: NQ

Contractor:
Northing: 6672910.444
Easting: 484080.685
Collar Elev.: 964.00

Hole survey type:
Started:
Completed:
Logged by: BCW
Date logged:

Depth	Dip	Azimuth

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0 — 1.68.	OFPP Greenish GY. some is Flow Banded. QZ Eyes limited PF +.	MS-M							
1.68 — 14.13	QZMZ PRPY ALT-M. Mafics gone HE-O results. PF-> MS, HF partial. LT BRN w appearance from HI dusting on feldspars. v infrequent QZ VLT barren except near DYK below. PY present final 3.0 ~~mm~~ 1-2% - 0.5% rare.	MS-M	PY-L						
14.13 — 16.84	RHYL PRPY. ALT X-M olive to apple GRN. olive is massive MS on shear planes. Altered Apple green less altered flow banded RHYL w high density are w Rd, smaller are w Rd, eroded.	MS-X							

CME

G97-52

Hole No.: _____

Scale	From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	16.84 20.72.	QZMZ ALT - H. LT BRN W appearance from LI dusting on feldspars mafics gone. HE - L; PY 1-1.5%. FRC density-L QZ VLT absent. Top is sheared - dk colored MS bands. silicified near DYK	MS-H. QZ	PY 1%.						
	20.72 - 21.15	RHYL ALT - Y sheared. Apple GRN PPRY from MS. QZ VLTS & flood w black SX pods & bands.	MS - X	PY 4%						
	21.5 - 22.75	QZMZ ALT MS-H. BRNW appearance - LI HE - L. PF - MS. mafics gone. PY 4% - D silicified near DYKS	MS-H. QZ	PY 4%						
	22.75 - 25.99	RHYL ALT - X PPRY flow banded RHYL GRN color. SHR Apple at Top sub // to ca. QZ + MS +cy. Laddered 1mm effects in QZ Plastic curvilinear plane Dense micro FRC below filled by KF	MS - X	PY - N	9954	22.75 - 24.07	1.32	5	0.2	
	25.99 - 35.24	QZMZ ALT - H PPRY LT BRN W appearance. from LI dust on feldspars	MS - H.							

G 97-52

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	silicified DMGZ at Top Pyritic. Below PY-N NE - 40% D. FRC density L, QZ filled 1-2 mm with no ENV. PY near BTM CNT occurs at former mafic sites.								
35.24-35.4	QZV White QZ cut by GY QZ + minimized ANDS. Banded	QZ	PY 2% MS - 0.3%	9955	34.89-35.65	365	0.7		
35.4-36.86	ANDS PPRY. ALT - M PF K altered to MS. Mafics to CL. PY-L. Bleached, silicified near both CNTS Pyritic. FRC density L, QZ filled, barren.	MS CL QZ							
36.86-37.1	QZVZ 45° ca. selvages ANDS flanked by banded QZ-GY cuts white. PY-1% D & clusters TR AS-D.			9956	36.42-37.3	71000 1.069/ft	30		
37.1-38.44	QZMZ ALT MS-M PY near QZVZ 2-3%-D.	MS-M.							
38.44-39.0	ANDS PPRY. MS-M PF K gone to MS. PY at	MS-M.							

G 97-52

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	lower CNT. silicified - wk								
39.0 40.41	QzMz ALT H. PF + MS KF partial. silica addition matics gone. some sections abundant HE. FRC density - L. QzVLT 3mm rare.	MS - H. Qz	Py - L.						
40.41 - 42.49	ANDS PPRY ALT - H Groundmass → MS. PF K → CL dk soft K. DK GRN color. Py near CNTS only. Bleached of CNTS and VLTS < 7 cm.	MS - H CL - H.	Py - L						
42.49 - 42.80	QzMz ALT MS - M KF alt. Pink color. late MG present. some HE. D after matics. Py - N	MS - M KF - M	Py - N						
42.80 - 44.05	ANDS PPRY ALT Groundmass → MS. PF K → CL. DK soft K. DK GRN color. QzVLT rare w bleach ENV. Py rare	MS - H CL - H.	Py - N						
44.05 47.3	QzMz PPRY ALT - M K ghosted edges. PF → MS KF partial Matics → CL + HE MG present. FRC density - L. QzVLT x 1 @ 3cm	MS - M CL - M.							

G97-52

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	has bleach ENV where mafics gone to HE-D & LT BRN w appearance otherwise MG present.		PY-N						
47.3 – 47.75	ANDS ALT-M. MS-M CL-M. PPRY. K PFs some gone to CL. PY-N	MS: M CL-M	PY-N						
47.75 53.29	QZMZ ALT-M. MS-M. PF gone to MS. KF partial. Mafics to CL & HE-D PY-N. FRC density-L Pinkish color.	MS-M	PY-N						
53.29 – 54.65	ANDS PPRY ALT-M MS & CL. CL alt PFs KF. and in matrix mafics FRC density L. Lower cnt bleached 45° CA.	MS-M CL-M.							
54.65 61.7	QZMZ ALT-M Bleached. Matic alt incomplete. Has CL and HE-D. Pinkish color.	MS-M							

G97-52

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
61.7 – 62.77	LT BRN W appearance from LI dusting to Feldspars. FRC density -L. KFEQZ as fills weak bleach ENV. PPRY. ANDS. ALT-m MS. CL. FRC density -M. very brittle failures. Mica, subMca. Bleaching assoc. QZ Fill. PY-N PPRY.	MS-M CL-M.							
62.77 – 65.24	QZMZ PPRY ALT-M Bleached w ENV about FRC more intense bleaching. MG present. matics to CL & partial HE.	MS-M							
65.24 – 65.27	FLT 30° ca. milled, CY MS ALT. Brittle.	MS-M.							
65.27 – 70.74	QZMZ ALT-m. PPRY Bleached with loss of matics partial to HE-D. Pinkish color. Faint LT BRN W appearance w LI dusting on feldspars MG absent. HE-D.	MS-M							

G 97-52

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
70.74-70.81	FLT. 45°ca. Brittle w CY ALT. Ground, milled QZMZ at CNT.	CY - M	PY - N						
70.81-72.2	ANDS PPRY. ALT - M FRC density - L. QZ Fill. PY - N	MS - M CL - M	PY - N						
72.2-72.58	QZMZ PPRY. ALT - M Bleached.								
72.58-73.95	ANDS PPRY - ALT - M DK GRN CL ALT to PF Kband matrix FRC density - M. QZ fill BTM CNT QZ VLT BRXX and milled RX. 30°ca	MS - M CL - M.	PY - N						
73.95-85.84	QZMZ PPRY ALT - M. PF gone to MS KF partial matics to HE-D. Faint LI dusting on feldspars gives LT BRN w appearance. FRC density - L. Qz Fill PY - N MG - N. Bleached	MS - M.	PY - N						

G 97-52

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
85.84-85.94	ANDS PPRY ALT-M. Bleached, silicified.	QZ-M.							
85.94-87.21	QZMZ ALT-M. Bleached.	MS-M.	PY-N						
87.21-87.28	ANDS PPRY Bleached, silicified	QZ-M							
87.28-90.32	QZMZ PPRY ALT-M. PF gone to MS. HF partial Mafics gone. Remnant HE-D-L. FRC density -L. LT BRN w appearance w LI dusting on feldspars QZ additions.	MS-M.	PY-N						
90.32-90.52	QZMZ PPRY ALT M mafics present, MS present Dark color in contrast.	MS-M.							
90.52-92.50	QZMZ PPRY ALT-M. Bleached LI dusting on feldspars gives LT BRN w appearance. PY-N FRC density-L. QZ fill.	MS-M.	PY-N						

G97-52

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
92.5 - 93.44	QZMZ ALT-H. KF ALT QZ overprinting MS ALT-H. 0.2m missing Core. upper section ±QZ & 3% Py. lower - N. QZ & KF structural control subtle.	MS-H. QZ-H KF-L.	Py-L						
93.44 - 93.9	QZMZ PPRY ALT-N. MS after PF and partial KF. Mafics gone. HG-D-L	MS-H	Py-N	9957	92.5-93.52	1.02	5	0.2	
93.9 - 95.2	Banded mylonitic QZMZ ALT. MS-H silicified at TOP - N silicified near MYLN bands KF FRC ENV x1. MYLN bands OK MS entrained frags Rd to pebble size. Py vfg in bands absent outside.	MS-M. QZ M. KF-L.	Py-L	9958	93.52-95.2	1.68	100	0.2	
95.2 - 97.82	QZMZ ALT. M. PF to MS KF to MS partial	MS-H.							

G 97-52

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	mafics gone. HE-D rare. Py rare.	MS-H.	Py-L						
97.82-100.7	SHR & FLT Z. Brittle milled intervals QzMz. sheared DK MS MYLN bands Pyritic. Silicified intervals LT BRN w appearance to more sheared intervals. 45° & 60°ca preferred.	Qz-M MS-X.	Py-L.	9959	97.82-98.88	1.06	5	0.2	
				9960	98.88-100.7	1.82	5	0.2	
100.7 104.88	QzMz ALT-H Red BRN w appearance w Hd LI marking x+l edges - HE Stain. HE-D-L Py occurs P toward BTM. Broken-fine reflecting Fec density-M. Weak milling near Top.	MS-H.		9961	102.88-104.88	2.0m	5	0.2	
104.88-107.0	RHYL. ALT-H. MS. QFPP Qz eyes. Feldspar K marked by red HE stain resulting in BRN speckled pale GRN. RX. Py-D 1%.	MS-H. HE.	Py-1%.	9962	104.88-107.0	2.12	95	0.2	

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From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	lower CNT 30°ca. FRC density - L. MS fabric planes and MS marks some flow bands.								
107.0 - 127.48	QZMZ PPRY. ALT - M. Bleached. PF to MS HF to MS partial but increases DWN. matics gone to HE-D, ghosted sites. PY - N. FRC density - L. micro FRC also L! LT BRN W appearance w. LI dust on spars & in traces of micro FRC.	MS - M.	PY - N						
127.48 - 127.62	SHR Z GKN MS shear plane 35°ca CB-N. FRCs Broken core.								
127.62 - 128.54	QZMZ ALT-M MS-M. Bleached HE-D	MS - M	PY - N						
128.54 - 128.62	QZV wh QZ w SX clusters. PY, SL, SB.		PY - 1% SL SB.						
128.62 - 134.96	QZMZ PPRY ALT - M MS-M. Py only near Top.	MS - M.							

G97-52

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	Bleached. Near absence of LI dust. HE-D after MS developed in FRC & Fabric planes. Possibly some pervasive KF ALT?								
134.96 - 135.32	SHR. ductile slip w. GRN MS band & micro FRC & CY ALT 60° ca. CB-L.	CY-H.	PY-N						
135.32 - 138.62	QZMZ PRPY ALT - H grad to X at BTM. PY-TR. MS defined slip planes. FRC density -H. microFRC same.	MS-H.	PY-TR.						
138.62 - 139.4	MYLNZ. ALT - X MS-X, QZ-X. QZ breccia blocks pebbles and milked QZMZ entrained in BLK MS bands. QZ floods irreg QZ VNTS.	MS-X QZ-X							
139.75 - 144.96	QEPP RHYL ALT-N. FRC density-L. micro QZ BX in 2 FRC. PY & QZ frags assoc hairlines. Pale GRNGY. PY 1% -D	MS-N.	PY-1%						

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From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
144.96 – 145.13	FLT Milled RHYL w CY ALT.	cy overprint MS	Py – L.	9963	139.75 – 140.3	0.55			
145.13 – 146.0	DMGE ... X RHYL & QZMZ CNT RHYL matrix to intruded stoped QZMZ ALT – X shearing Py – L.	MS – X CY – Y		9964 9965	140.68 – 141.83 141.83 – 144.43	1.15 2.6			
146.0 – 146.7	QZMZ ALT – Y mafics Gone HB gone. Py 1% CyAlt – W.	MS – X	Py 1%						
146.7 – 146.70	MYLN BLK MS bands mark CNT & SHR plane entrained QZ, QZMZ, RHYL								
146.7 – 146.9	ANDS ALT – X. MS olive GRN. chloritic K Tension Gash fill – Qz	MS – X	Py – L						
146.9 – 147.5	RHYL ALT – X MS alt matrix, MS Beams, GRN, MS hairline fill. Fracdensity – M.	MS – X							
147.5 – 148.5	QZMZ ALT – X MS – Y CY periodic. FRC subII ca. Py – 1% – D includes 2 narrow ANDS	MS – Y CY.	Py – 1%						

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From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	DYK totaling 0.14m 1.5cm offset in DYK noted.								
148.5-149.84	FLT. sub //ec. Ground milled CY ALT QZMZ W RHYL intruding. CB-Hi & Ductile.	CY-X PY-N.							
149.84-151.5'	QZ Silicified QZMZ intensity varied bnf dm X. irreg seams GRN MS. PY-D 1%	QZ-X	PY-1%.						
151.5-155.24	QZMZ ALT-Y MS-X QZ ALT-GRN FRC density-M. MS seams most FRC.	MS-X QZ	PY 2%.						
153.24-155.75	QZMZ ALT-X CY overprints MS. shearing PY-L	CY-X MS-X	PY-L.						
155.75-157.0	QZMZ PPRY ALT-H. PF to MS. KF to MS most. HE-D rare PY-D 1%. LT BRN W appearance w LI dusting feldspars. Weathered most DOX LI DK Red BRN W appearance.	MS-H.							

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From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
157.0 - 158.6	FLT Z QZMZ Ground, Broken core CY ALT in slip planes. PY - L.			9966	157.0 - 158.19	1.19	35	0.2	
158.6 - 159.2	QZMZ ALT - X PY 4% vfg	MS - X	PY - 4%.						
159.2 - 159.93	ANDS Rusty oxidized Broken core, G.	S							
159.93 - 160.3	QZMZ ALT MS - X rusty, broken, ground core. 1.5 cm QZ VLT at BTM CNT. PY in VLT PY - L	S MS - X	PY - L.						
160.3 - 161.59	ANDS PPRY. ALT - H. MS & CL ALT to PF K. PY 0 - 4% variable	MS - X CL.	PY - L.						
161.59 - 166.0	QZMZ ALT - X MS - Y local CY ALT in FRAC PY 4% - 0.5% friable.	MS - X	PY - 2%.						
166.0 - 170.0	ANDS PPRY. MS ALT - H. CL ALT to PF K. QZ flood & Gash fill. LT dusting of matrix feldspars. LT BRN.	MS - H. CL QZ - H.	PY - L	9967	168.66 - 169.95	1.29	10	0.2	

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From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
170.0 - 171.0	QZMZ ALT-X MS-X local CY on FRC. PY 4%	MS-X	PY-4%						
171.0 - 171.78	SHR z. QZMZ intruded by late pale ANDS CY rich ductile SHR STWK in ANDS QZ fill G. PY-clusters -L	MS-X CY-H.	PY-L.						
171.78 - 177.0	QZMZ ALT-H. MS PF to MS. KF to MS almost complete. HE-D -L. Orangy BRN W appearance due to LI dusting	MS-H	PY-L						
177.0 - 177.65	ANDS. ALT-H. MS & CL. PY-L Gash tension filled by QZ. inclusion QZMZ	MS-H. CL.	PY-L.						
177.65 - 182.62	QZMZ ALT-H PF to MS. KF to MS partial Orangy BRN W appearance in LI dusting on spars PY 4%-D. HE-L	MS-H	PY-4%	9968	176.52-178.5	1.98	10	0.2	
				9969	178.5-180.5	2.0	5	0.2	
				9970	180.5-182.84	2.34	5	0.2	

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From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
182.62 - 182.73	ANDS ALT-H. PY-N	MS-X	PY-N						
182.73 - 190.25	QZMZ. ALT-H. PF to MS. KF partial. PY 4% qvnl DNN to 0.5% HE-D increase DWN-D.	MS-H.		9971	185.62-187.6	1.98	15	0.2	
				9972	187.6-189.6	2.0	5	0.2	
				9973	189.6-191.6	2.0	5	0.2	
				9974	191.6-193.91	2.31	505	0.2	
190.25 - 191.6	FLT Z multiple brittle failure planes in QZMZ ALT-X. milled & CY ALT planes & narrow ENV PY-L. LIduct LT BRN w appearance. 30°, 60° ca	MS-X CY-L							
191.6 - 194.1	QZMZ ALT-H. MS PF to MS. KF partial. silicified ENV on FRC. DK narrow bands MS mark FRC PY-L, orange BRN LI dust on spars w appearance.	MS-H.	PY-L						
194.1 - 192.5	FLT Z in QZMZ ALT-Y CY alt areas, BLK MY-N bands narrow PY-L friable.	MS-X CY							

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From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
196.5 - 196.82	ANDS. ALT - H MS PPRY. PF K to MS groundmass to MS.	MS-H KF-M	PY-N						
196.82 204.12	QZMZ ALT-X MS sections KF overprint sections with rhombs texture. PF to MS PY-L. HE-L-D.		PY-L						
204.12 205.42	ANDS PPRY. ALT - H groundmass to MS. PF K to MS. PY-N	MS-H.	PY-N.						
205.42 214.32	QZMZ ALT-H MS PF to MS. KF partial. KF ALT in zones. Orangy BRN LT dust on spars yields LT BRN w appearance PY-L. HE-D-L. mafics absent. FRC & micro FRC increase DWN. B leached.	MS-H KF							
214.32 214.94	ANDS ALT-H MS PPRY. PF K gone to MS Groundmass to MS. PY TR Cock QZ fill. RTM CNT brittle late FLT 20° ca.	MS-H.	TR PY						
214.94 219.71	QZMZ ALT-H. MS, KF Bleached, mafics gone; minor HE-D after mafics PF gone to MS, KF partial KF addition in zones. PY-N	MS-H KF	PY-N.						

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From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
219.71 219.75	MYLN. MS ALT - X milled QZMZ in LT & DK MS mass. Platy 50° ca PY-L.	MS-X.	PY-L.						
219.75- 225.7	QZMZ ALT-H MS Bleached, mafics gone. remnant + HE-D aftermafics PF + MS, KF partial. PY-L. KF additions in zones.	MS-H.	PY-L						
225.7- 227.83	QZMZ ALT-M alternating quad sections Bleached ~~no~~ mafics with mafic + MG sections	MS-M.							
227.83 229.95	QZMZ ALT-H MS Bleached no mafics. PF + MS. KF partial. HE-D rare. 0.5% PY-D vfg.	MS-H.	PY 0.5%						
229.95- 230.43	RHDS TPRY ALT-H. groundmass + MS. PF K + MS. PY-TR Few Qz filled FRC CNTS 40° ca.	MS-H.	PY TR						
230.43- 235.0	QZMZ ALT-H Bleached. ENV in interrals more intense H-T Qz & KF.	MS-H.	PY-TR						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
235.0 - 237.5	FLT. Z 30°, 50° ca dominant. Bleached QZMZ ALT-X MS & CY. G, milled Rx. slip planes infrequent, 2 narrow irreg ANDS DYK in fluc. silicification at BTM.	MS - X CY - X. QZ	PY - L.	9975	235.17 - 237.5	2.33	50	0.2	
237.5 - 249.88	QZMZ ALT - H MS-H PF to MS. HF partial. mafics gone. HE alteration also gone. II ducting on spars & at xtl edges gives LT BRN appearance MS ALT & PY increase at BTM CNT	MS - H.	PY TR						
249.88 - 251.71	ANDS ALT - H. MS. non PPRY. massive, few FRC. m.d GY w BRN pigment. PY - L	MS - H.	PY - L	9976 9977	248.0 - 249.7 249.7 - 251.9	55 15	0.2 0.2		
251.71 - 252.52	QZMZ ALT - H Bleached. mafics gone	MS - H	PY - L.						
252.52 - 255.89	ANDS ALT - H. non PPRY PY vary - 3% uniform massive dull mid GY.	MS - H.	PY 3%						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	Essentially no FRC, no structure. 255.3 DWN is much darker color & w SX-N GY-SX ??								
255.89-259.18	QZMZ ALT - M. MS bleached. PF to MS. KF partial. Mafics gone. FRC limited, Apple GRN MS marks FRC. 2 narrow ANDS DYK. W LI dusting gives LT BRN W appearance PY <1%.	MS - M.	PY <1%.						
259.18-259.32	SHR 2wh QZ VLT interupt DK MYLN SHR PY - 2%. AS - N MS intensity increase in HW & FW. 50° ca		PY - 2%	9978	259.84-259.84	1.0	890	2.2	
259.32-274.08	QZMZ PPRY ALT - M. mafics gone. LI dusting to spar gives LT BRN W appearance. PY-L. HE often mafics increases DWN -D. FRC density - M often marked by MS GRN seam. MS intensity ENV adjacent.	MS - M.	PY-L						
274.08-274.34	ANDS PPRY ALT - M. MS - M. PF K to MS	MS - M	PY-L						

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From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	PY-L. FRC lica QZ fill ENTS irreg.								
274.34-276.4	QZMZ ALT-H. mafics gone. PF to MS KF partial. Bleached. LT BRN W appearance w LI dusting to spars. HE-D after ghosted mafics.								
276.4-278.26	ANDS ALT-H. weak PARY PF K to MS. PY-L dull GRN GY color few Qz filled FRC.	MS-H	PY-L	9979	275.61-277.6	1.99	5	0.2	
				9980	277.6-279.6	2.00	5	0.2	
278.26-284.07	QZMZ ALT-H. MS. PF to MS. KF partial. Mafics ghosted w HE-D remnant LI dusting to spars provides unevenly LT BRN W appearance. PY-L. KF ALT local pink zones.	MS-H KF	PY-L.	9981	283.5-284.76	1.26	30	0.2	
284.07-284.57	FLT DK MS band and MS ENV w PY passing DWN to intrg pink patches KF ALT.	MS-H KF H.	PY-L						
284.57-291.32	QZMZ ALT-H MS-H PF to MS. KF partial. mafics ghosted w remnant, HE-Dalt sites. FRC density	MS-H	PY-L						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	-L. Marked by MS and thin CY seams. Spotty silicification & KF ALT.								
291.32 - 291.85	FLT Z. Broken core. MS-X BLK MS band w CY. PY-1%	MS-X	PY 1%	9982	291.0 - 293.0	2.0	40	0.2	
291.85 - 294.8	QZ MS ALT-H. MS: PF to MS, KF partial. Mafics altered KF-D-L at mafic sites. LT dusting of Spars gives LT BKN w appearance. Silicified sections below FLT & related to W FRC.	MS-H QZ		9983	293.0 - 295.0	2.0	5	0.2	
294.8 - 295.56	ANDS PPRY ALT-H Dense microFRC QZ fill. PF K gone to MS.	MS-H	PY-L						
295.56 - 295.97	SHR. QZMZ shattered and MS slip planes. Plastic zone at top. PY-L. CY ALT. CB-N	MS-X	PY-L	9984	295.0 - 297.3	2.3	10	0.5	
295.97 305.8	DEPP ALTH. MS QZ eyes rd. KF rhombs and rd. PY-L. weak intermittent flow band. FRC density -L.	MS-H.							

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From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	KF ALT 0.5m & FLT 0.05m at BTM CNT			9985	303.05-304.57	1.52	5	0.2	
305.8 -306.0	QZMZ ALT-H	MS-H		9986	304.57-306.1	1.53	5	0.2	
306.0 - 306.1	FLT Ground, milled CY. ALT QZMZ.			9987	307.62-309.15	1.53			
306.1 - 309.15	QZMZ ALT-M MS Matics gone. HE-D remnants lower 60% HE to PY-D PF to MS. KF to MS-W LT BRN W appearance W LI dusting to spars.	MS-M	PY 2%.	9988	309.15-311.5	2.35			
309.15 - 309.93	ANDS PRPRY ALT-H. PF K to MS. matrix to MS FRC density-M. QZ fill. PY assoc. CNT irreg.	MS-H.	PY-L						
309.93 -310.57	QZMZ. ALT-H. Matics gone. remnant HE-D. PY replacement near FLT and DYK	MS-H							
310.57 - 310.9	SHR. 30° ca. DK & LT colored MS bands and wisp traces. QZ ALT								

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From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	proximal to bands w + PY. MS ALT - X Mylonitic at core.	MS - X Qz	PY 4%						
310.9 - 311.55	QzMz ALT - H. silicified overprint on MS ALT. PY near FLT. Bleached		PY - 1%.						
311.55 - 311.8	ANDS PPRY. ALT - H. K PF to MS. Groundmass to MS. FRC density - M Qz fill.	MS - H.		9989	311.5 - 313.72	2.22			
311.8 - 312.87	QzMz ALT - H. MS overprint by KF ALT Bleached	MS - H KF H.	PY - L						
312.87 - 313.16	ANDS faulted post emplacement. Brittle and ductile. 20° ca. KF ALT to QzMz both CNT		PY - N						
313.6 - 315.4	QZMZ ALT - M. Fresher Rx. matics Partial, partial to HE-D. sections non Bleached. PY - L.	MS - M.	PY - L						
315.4 - 322.0	FLT Z. slip planes & shatter, dom. 20, 30 & 40° ca. most FRC tight w								

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From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	HE + LI traces. QZ ECC Fill on FeW. QZMZ ALT - M. PF to MS. matics both present and gone to abundant HE-D Py absent.	MS - M.	PY - N						
322.0	QZMZ ALT M.								
325.91	PF to MS. KF to MS weak. Matic destruction - W. HE-D at sites Fracd'ensity - L. Both QZ & MS Fill. PY-L	MS - M.	PY - N						
	325.91 T.D.								

CME

G97-54

Project name: SKUKUM
Project #: CPS6C
D.D. Hole #: 97-54 (Rolog)

Length (m): 320.04
Grid: UTM NAD 83
Dip: -71°
Azimuth: 180°
Core size: NQ

Contractor: (ARON)
Northing: 6672887.883
Easting: 484147.135
Collar Elev.: 9158

Hole survey type: ACID
Started:
Completed:
Logged by: TN
Date logged: 10/21/03

Depth	Dip	Azimuth

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0.00 - 0.91	No core recovery								
0.91 - 51.63	QFMZ ; med-grained, equigranular, cl, (fsp, hbl (to chl)) ; pink-green colour ; shows characteristic orange-brown weathering due to Fe oxidation, rare xenos of ANDS/LDACT	ALT N/W ; propylitic alt, bleaching, mod chlorite after mafics	Tr. py (<<1%)						
		Prog. intrusive incl w/ chilled margins ; esp. young contact, numerous qtz veins	11.68 - 12.15 ; sheared/fault gouge, 1-3cm/10°CA, oxidized FM in shear, clay alt'n/gouge, wisps of rock, core very broken/rubble						
			@21.32 qtz-feldspar vein						
			23.07 - 23.50 broken core, possible fault						
			@23.90 qtz vein 2cm/75°CA						
		28.65 - 29.40 ALT - N							
		31.90 - 33.72 ALT - N							
			33.72 - 34.00 sheared, ~ 1-2cm, broken w/ gouge/clay alt'n ; mod alt into wall rock. 70°CA						
	MISSING BOX 7 34.35 - 40.05m.								
		45.10 - 50.00 K-spar alt? ?, v. pinkish-brown alt?	47.90 - 48.70 ; Fault zone w/ clay alt'n on fract's, broken & bleached, 97 varies @ 49.30						
			48.85 chalcedony-qtz vn 5cm/15°CA						
		50.00 - QFMZ bleached ; recrystallized propylitic alt	6.50 10 py vnlts ; massive blebs up to 3mm 10-20°CA	100 86	49.99 - 51.63	1.64			
			@50.50 mylonite shear/gouge 1cm/30°CA						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
51.63 – 54.30	ANDS dyke ; porphyritic , ox green phenos, wk, tension fill qz-cb stockwork.	ALT W ; locally M (contacts) Upper/lower contacts bleached to olive brown;	Py 1-2% over unit, locally higher.	10087	51.63 - 52.42	0.79			
	51.79 – 52.35 RHYL/ROFP ; v. strongly sheared w/ wound remobilized qz (v. fine grained); pale but bright green ser; ALT - S/X Flow banded 70-75°CA.		Upper contact ; qz-flooded w/ dk grey mineral (Sx?) , locally abund py; also @ 57.35 - 57.40 (contact of ROFP subunit)	10088	52.42 - 53.30	0.88			
				10089	53.30 - 54.30	1.00			
			Dissem py is patchy ; up to 3mm , appears to core dk phenos ? , py after hbl?						
54.30 – 136.00	QZMZ ; as previous ; incr ANDS xenos . wk - mod qz (cb) stockwork infilling tension gashes ; generally oriented 50 - 60°CA , but some ~40°CA	ALT. W , propylitic , minor K-spar alt^n around phenos and qz units		10090	54.30 - 55.80	1.50			
			@55.30 qz-(cb) vnlt . fn-grained 6mm / ~40°CA.						
			@ 58.04 py vnlt , 1-2mm / 70°CA, pyrites out.						
			@62.34 py vnlt, massive py, 6mm/40°CA minor qz, + cal/ser.						
	66.15 – 66.38 ANDS xeno , pyritic (20%) , veins cross through ANDS & QZMZ host) , more xenos @ 66.50, 66.60, 66.91 & 67.45.								
			68.00 – 68.70 qz flooding / silicification, mod Sx in rare assoc w/ dk mnl phenos	10091	67.90 - 69.25	1.35			
		69.25 - 69.95 Pink K-spar alt^d of QZMZ ; v. disturbed	@68.42 grange. - Lithology in this area may be highly bleached ANDS. ; QZMZ also bleached / silicified near LC.	10092	69.25 - 69.95	0.70			
		69.95 - QZMZ becomes quite fresh & unaltered ; v. magnetic ; Alt^n localized around qz-(cb) vnlts.							
			@73.56 offset qz-cb vnlt.						
			@77.10 qz-(cb) vnlt w/ prop alt^n halo 1cm / 75°CA						
	@81.81 DIOR xeno.								
	81.90 - 82.00 ANDS dyke or xeno; 5% py.								

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	QEMŦ (rad'd) @86.10 ANDS xeno.								
	87.18 - 87.79 ANDS dyke or xeno, py ~ 5% minor qz.cb stockwork.		@91.34 qz-cb vnlt ~70°CA w/ alt^{n} halo; also @ 91.49, 91.92.						
	92.84 - 93.74 FLDK ?; v. pnk fine-grained intrusive unit; qz (fine grained) infill into tensile gashes; abund hairline hem veins/fract May be a K-spar alt'd QEMŦ; v. intense. (@92.36 K-spar stained - pnk is K spar; white areas most likely plag + qz.)	ALT - M (K-spar)	@94.93 qz.(cb) vn w/ alt^{n} halo. 5mm / 80°CA.						
	105.00 - 105.20 ANDS xeno/dyke.; ALT - M, abund seri/chl, contact @ 30°CA; qz-eyes also 105.39 - 105.63; appears to be xeno being assimilated into QEMŦ, texture similar to QEMŦ, but colour v. green.		105.63 - 106.03 shear zone, intermixed ANDS / QEMŦ, ~40° CA						
106.00 - 109.34	ANDS dyke	ALT - W/M. Hem prominent on fract sfcs; are assoc w/ qz.cb vnlts. Wk seri alt^{n}	ANDS pyritic near upper contact, sheared 45°CA @ LC sheared, pyritic ~ 85°CA						
109.34 - 116.47	QEMŦ, fresh, pnk med grained; magnetic	ALT N/W, Weak K-spar alt^{n} causing pnk colour. - wk cht after mafics 116.00 - 116.49 Inter propylitization and bleaching near LC							
116.47 - 117.80	ANDS dyke., porphyritic, mod internal shearing (qz-cb stockwork)	ALT W; bleached near LC, assoc. w/ fract contact 116.47 - 117.33 relatively unaltered 117.33 - 117.80 phyllic, blue-grey colour w/ bright green seri grains	LC v. sheared. 80-85°CA. 117.35 - 1 = 5% py, 3-5%, large 3mm patches of py.						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	(ANDS, rare)		@LC ANDS w/ qz-flooding, dk grey infill, shear/c contact w/ QZMZ						
117.80 - 121.76	QZMZ; as previous	ALT - M/W. Incr propylitic alt in general; - also brown weathering more prominent	117.80 - 118.37 (approx) shear zone contact area, QZMZ is bleached w/ minor py @ 118.45 (approx) qz-py-sht vn; 1cm @ 118.90 minor qz vn, v. fine grained 119.50 - FLT-2, v brittle core, clay on fracs,	10093 10094	120.07 - 121.62 121.62 - 123.14	1.55 1.52			
121.76 - 122.10	ANDS, v bleached; porphyritic; v. fract'd, part of FLT-2 from QZMZ	ALT M; olive coloured; silicification/qz-flooding	121.76 shear contact w/ mylonite/gouge, 1cm/25°CA; some qz-flooding into ANDS w/ minor py + sht? (dk blue-grey altn'n)						
122.10 - 124.85	QZMZ, wk shearing, as previous.	ALT M/W	@123.52 qz vn; 4cm/20°CA w/ minor py + poss sht? milky white massive qz; chl, minor ser.						
124.85 - 129.22	ANDS, porphyritic; mod qz cb stockwork.	ALT - M/W, Variable alteration contact zones bleached w/ bright green ser/phenos, core is dk green w/ dk green phenos	Locally pyritic to 2% in discrete disseminations, often assoc w/ dk green phenos (chl/ser)	10095 10096	123.14 - 123.96 123.96 - 124.85	0.82 0.89			
			@129.22 LC, appears mylonitic w/ milled/ sheared clasts in 3-4cm contact						
129.22 - 136.55	QZMZ; typical brown weathering, wkly sheared	ALT - W/M; propylitic (strong) wk local argillic (ser) alt'n;	@135.59 qz vn w/ assoc mylonite/fault gouge, w/ py, ~ 3cm/45°CA; qz-flooding/vns below,						
			@141.00 narrow black mylonite band/ shear plane, ~ 10° CA						
	146.95 → incr. shearing, narrow stringer green ser; deformed qz-cb vns.	146.95 → core becomes more sericitic, less propylitic ALT - M core more bleached, less mafics	146.95 - 147.50 Mylonites w/in QZMZ, generally narrow, pressure solution style, v. strong @ 147.50.						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	(QFM7 cont'd)		@153.43 qz vn w/ py.	10097	151.90 - 153.20	1.30			
	153.50 - 156.55 QFM2 increasing sheared towards contact below w/ FQFP; relatively abundant qz.	ALT M/S - increasing sericitization w/ clay alt'n	@153.47 qz vn (diffuse) in faulted QFM7 v. massive white/grey w/ yellow oxidation product on fract. surf. (As-oxide?), rare py, poss stib. 25cm / 35°CA	10098	153.20 - 153.78	0.58			
				10101	153.78 - 155.14	1.36			
				10102	155.14 - 156.55	1.41			
156.55 - 168.44	FQFP, pale green to buff white, qz/fsp phenos 20%; flow banding @ upper contact. Centre of unit more homogeneous, no flow bands	ALT W/M, sericitization. Flow bands may be v. seri rich (& green)	@156.55 contact, sheared to bx'd ~25°CA. Flow bands 35°CA	10103	156.55 - 157.56	1.01			
			@156.87 poss As oxidation of cpy, v. fine grained grey mineral stringer w/ bright yellow alt'n halo grading to brown stain on rock (only visible since rock exposed to sun/air)						
			165.55 - 168.44 Flow banding above contact 15-25°CA						
168.44 - 168.99	QFM2, sheared, brown weathering	ALT - S	Sheared u/c contacts 35°CA	10104	167.34 - 168.41	1.07			
			@168.56 poss acic cpy assoc w/ yellow alteration product, also minor py	10105	168.41 - 168.99	0.58			
168.99 - 172.80	ANDS, dk green to slightly reddish. Porphyritic, dk green phenos (seri alt'd)	ALT - M/S, strongly hematized over 1.5 meters. Transluscent grains infilled by gtz.	Py ≤ 1%	10106	168.99 - 170.50	1.51			
			UC, bleached, sheared, 35°CA.	10107	170.50 - 172.00	1.50			
			LC, sheared, fract'd, 10°CA, seri + chl + qz.	10108	172.00 - 172.80	0.80			
172.80 - 176.24	QFM2, sheared	ALT - M K-spar alt'n @ UC to 173.35. 173.35 → strong propylitic, incr sericite							

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
176.24 - 178.16	ANDS, green, sheared; tension fill qz-cb stockwork	ALT - M, ser, strong, mod chl (?); qz-cb	176.24 - 176.60 bleached and hematitic Py 1% UC - 25°CA LC - 55°CA						
178.16 - 259.68	QRMZ, sheared;	178.16 - 183.53 ALT - M; v strong propylitic, mod argillic (ser.) brown weathering	@182.58 qz-ser-hem shear ~ 35°CA @183.53 qz-ser-hem shear 1cm/45°CA 183.53 → core becomes increasingly broken up clay alt'n on fracs, due to increased shearing. Shear planes increasing downcore, typically w/ green ser, hem; qz-cb @187.54 ductile shear ~ 1cm/40°CA.						
		183.53 - ALT S, increasing silica (flooded ?), paler, less mafic content, increased ser	195.75 - 200.85 (approx) - mod strongly fract'd core - [ALT-Z (?)], core beyond completely but highly intensely fract'd @196.00 mylonite shear plane - hem + qz 5mm/40°CA 201.85 - 202.00 strong shearing. @202.15 shear plane/hematitic 35°CA 203.20 - 203.70 ductile shearing - ser! @205.50 strong ser; ductile shear. v. soft, friable, 25-40°CA 208.18 - 208.38 shear, strong green ser + brec'd QRMZ (?) pass FLDK @209.50 1cm pink FLDK (ARDK?), also @ 212.50. @215.40 ling low angle frac; 5°CA						
		hematite becomes common in ductile shears & frac zones; dark purple anomalous.							

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	(QZMZ cont'd)	217.70-217.95 ALT-X, highly clay altic and/or bleached.	222.20-225.25 Strong shearing and overprinting fault zone; locally coarse dk purple hem alt'n on fract sfcs.						
		224.45-224.60 ALT-X, as above.	@223.00 main hem shear. ~15-20°CA.						
			@223.12 mylonite, dk hem matrix w/ rolled/milled QZMZ frags						
			@226.97 dk purple hem on fract. also @ 228.75.						
			@228.95 purple hem on fracs.						
			234.07-234.22 strong shearing to bx, with red hem in sm shear planes.						
		238.35 → incr to locally ALT-X	238.35 intense shearing						
		@240.25 silicification/qz-floodings							
	240.50-241.45 MYLT, strong shearing, dk grey 3-5% py.		Shearing ~ 25°CA.						
	242.30-243.70 - MYLT, dk grey, as above, less py <1%.		241.35-241.45 Mylonite w/ qz "augen"						
		243.70 → continue ALT-X							
	247.58-247.91 ANDS dyke, v. bleached, olive brown, w/ qz-ct stockwork, py<1%, pass fr. sfcs.								
			250.85-259.84 v. alt'd, broken core, probable FLT-2.; clay gouge; crosses contact w/ FFP below						
259.68-276.00	RFP (south marker), buff to v pale green fine grained dyke; upper and lower sections flow banded.; fsp phenos ~5%	ALT-M, sericitic, local pink zones due to hem(?); clay on fract sfcs	UC flow banding 25-40°CA						
			261.80-263.20 FLT-2, low angle fracs into V. broken core						

Change MM DB sample B195409 — correct interval is 238.95-240.50

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	(RFP cont'd)	(Bx'd & - shows brecciation and qtz to SEC exposure, space for qtz and brown on off white Rock matrix), pale p-k)	264.10 - 264.23 FZ 7.2. LC irregular, poss sheared 15-30°CA.						
276.00 - 279.70	QFMZ, sheared, also v. fractured and fawtee	ALT-X; sericite/clay alt'n	Very broken core over interval, probable FLT_2 esp from 271.43 - 277.27.						
	273.04 - 273.74 poss RHYL dyke or fine grained qz flsp rich phase in QFMZ		@ 274.76. FLT 2cm/20°CA, grainy core with fine planes.						
	276.93 - 277.31 RHYL dyke, flow banded, rough limits are irregular & overlapping, fault contacts at upper and lower bounds	278 - 279.70 v. bleached QFMZ, hard to distinguish contact w/ RQFP below.							
279.70 - 281.64	RQFP, tan/brown, fluxoidized, highly fractured and faulted.								
281.64 - 283.45	QFMZ, sheared	ALT-Y - bleached, sericitic qz flooding	283.02 - 283.28 qz-bx - gouge. @ 282.55 mylonite 35°CA						
	283.16 - 283.41 lower contact strong zero, v. ok mylonite, less sx above sec.								
283.45 - 284.80	RQFP, highly sheared; qz/flsp phenos < 15%	ALT-Y; green sericite							
284.80 - 287.95	QFMZ, highly sheared, mylonitic zones w/ qz-flooding and veining		HC marked by mylonite shear zone w/ RQFP. ~ 30cm long. @ 285.42 mylt w/ py-aspy ?-3%. 1cm/40°CA @ 285.58 2cm mylt w/ 10-15% aspy (v. fine grained in the matrix) 285.70 - 285.90 qz-sy bx, v. abund aspy along fines ± 20%; whi qz, poss flsp.; minor sericite, probable STHD 286.20 - 286.35 qz vn/flooding, disseminated aspy/trace vn #s						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	(QFM2, rem'd)		286.35 - 287.25 diss aspy/sph in QFM2 5-10%.						
			287.25 - 287.45 RHYL - QZ - VN BX + SX ; 10-15% aspy						
287.95 - 288.70	RQFP ;	ALT - X/S.	Minor diss cubic py						
	287.95 - 288.15 looks similar to olive brown ANDS dykes. see elsewhere;	v. bleached. Seri.							
	288.15 - 288.70 ; fairly typical alt'd RQFP, qz/fsp relatively minor <10%.								
288.70 - 289.73	QFM2, sheared.	ALT - X/S							
289.73 - 290.18	ANDS, sheared ; bright green seri phenos.	ALT - S	UC - 50°CA , LC - 75°CA	10109	289.65 - 291.15	1.50			
		v. bleached and completely sericitized	Pole Sx (<<<10°)						
290.18 - 292.27	QFM2, showing it's USS,	ALT X ; decreasing slightly							
				10110	291.15 - 292.85	1.70			
292.27 - 292.85	ANDS ; sheared ; olive brown ; qz-cb stwk	ALT - S.							
292.85 - 320.07	QFM2, sheared	ALT - S/X							
		- local rec zone or fracs ; ass'd w/ seri smears and pass chl		10111	292.85 - 294.35	1.50			
			@ 293.30 ANDS xeno.	10112	294.35 - 295.25	0.90			
			@ 294.68 shear. 30-40°CA						
			295.25 - 295.35 Mylonite 40°CA						
		@ 298.50 qz patch / stwk							
			301.20 - 301.70 pass FLT 2, fracs clay alt'd on sfcs.						
			306.60 - 306.80 pass FLT_2 or mistake rubbly core, rare.						
			310.90 - 311.20 FLT-2, rubbly rare	10113	310.59 - 311.50	0.91			
	311.50 - 311.95 ANDS dyke ; olive, qz-cb stwk (sheared) ; upper lower contacts sheared 25°CA / 35°CA	ALT - S.		10114	311.50 - 312.12	0.62			

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	(QFMP, cont'd)		@ 317.25 qz-sx VN 4cm/30°CA 5% is disseminated w/ possible cpy and minor py	10115	312.12 - 312.62	0.50			
		317.3 → EOH ALT - M/S Carbonate alteration, strong v. sericite; also, loss of mafics		10116	312.62 - 313.64	1.02			
320.07	END OF HOLE								

CME

Project name: SKUKUM
Project #: CP56C
D.D. Hole #: 97-55 (Re139)

Length (m): 370.03
Grid: UTM NAD 83
Dip: -74°
Azimuth: 180°
Core size: NQ

Contractor: (CANDO)
Northing: 6672887.883
Easting: 484 147.135
Collar Elev.: 958

Hole survey type:
Started:
Completed:
Re **Logged by:** TV
Date logged: 11/22/03 –

Depth	Dip	Azimuth

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0 - 0.91	CASING, NO CORE								
0.91 - 56.17	QFMZ, med grained, equigranular, where fresh; pink & green, v. magnetic where alt'd - typical brown lim/hem stn coating, no magnetite, incr. sericitic Rare veins - diorite?	ALT - N/W. variable alt'n; in general v. fresh LWT alt'n occurs in halo around 5 cm Qz-cb erlansional vns & veins Vn alt'n halos typically sericitic/ argillic and rarely exceed 50 cm (diameter)	Py rare < 1%, dissem cubic py @ 6.30 Qz vn fwals 1cm / 6mm / ~70°CA. wk Qz w/ minor Sx @ 9.67 Qz vn/lt 5mm / 65°; cb growth along selv into vn/lt, sericitic alt'n halo. 14.75 - 19.50 - altered CA; 1 wk-mod Sil/DX zone - v. Qz rich, semi-massive chalcedonic; discordant along gauge locally on strg Sfc & 70cm of apparent E-W QFMZ w/ in grey to siliceous silica; Rare to no 65-70° Sx. @ 20.14 Qz vn/lt 1cm / 50°CA; vn margins diffuse Wk pervasive Qz-cb-serc veining throughout footwall QFMZ						
		12.70 - 14.75 ALT-M; sericitic, slightly pinkish due to K-spar or hem 14.75 - 19.50 ALT-Sil/X ——→ 19.50 - 20.26 ALT-M; sericitic, wk K-spar 20.26 - 23.47 ALT-W; locally faintly foliat.; still w/ K-spar alt'n overprint 23.47 - 28.82 ALT-M, ± sericitic w/ pinkish-red K-spar 28.82 - 30.87 Propylitic alt'n ALT-M/W. 30.87 - 38.40 ALT-W; wk propylitic wk sericitic; approaching fresh; magnetic @ 31.70. Pink K-spar and/or hem alt'n pervasive						

CME

Hole No.: 97-55

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
		38.40-48.33 ALT M, sericitic 41.30-44.20 v. propylitic	@40.71 qz vn: 4mm/75°CA.						
		48.33-50.65 ALT-S, clay altd vuggy/pitted core; locally v. pinkish due to K-spar/hem altn; also locally v. propylitic	@48.00 qz vn. 2cm/50°CA., w/ cb.						
	51.70-52.00 SHR-Z, silicified, sheared QzMz w/ sil replacement, clay gouge slip plane seams @ UC 3cm wide	51.70-52.00 ALT-K 52.00-52.16 bleached, silicified QzMz.	51.90-52.00 5-10% dissem py.						
	52.16-52.85 Bright green laminated/flow banded RHYL (Feldspar Porphyry), Foliation/flowbanding ~65°CA. - almost phyllitic, fsp phenos to 4mm, white, altic	ALT-S							
		52.85-56.17. ALT-M							
56.17-59.77	AndDS, porphyritic; matrix mod green, phenos dk green, v. ranged/blotchy; also v. fine lt brown/tan specks (<1mm) wk qz-cb stwk.	ALT-W Hem remains on frac sfcs. Wk sericitic alt'n							
59.77-66.85	QzMz	ALT-W. wk K-spar? Minor hem/lim veins	Py ≤ 1%.						
66.85-79.23	AndDS; as previous (56.17-59.77)	ALT-W.; hematitic frac sfcs, hem locally heavy w/ red clay. qz-cb veins also contain hem	Py ≤ 1%; ~ 1-2% vein contacts UC - 15°CA						
		72.50-79.23 ALT-M; bleached to olive colour; inter Ser alt of phenos to bright green right @ contact	LC sheared						
79.23-87.44	QzMz	ALT W/ M; (magnetic) Variable - alteration generally around qz-cb veins	UC sheared w/ BX's; clay gouge silica; ~15cm wide @77.17 qz-cb vein 5mm/60°CA. w/ 20cm alt'n halo						
	@81.68 FLDK, v. pink w/ large infills by Sucrosic Qz, hem on frac sfcs, also minor Ser; 1 cal. - vein contacts - (PEGm phase of melt?)								

CME

Hole No.: 97-55

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
87.44 – 93.73.	ANDS; porph, same as previous dykes).	ALT- W. Hem alte on fracs.	@87.44 LC qz va 1cm/20°CA, sheeted qz w/ seri incl. ALT-M ser alte halo. 87.44-87.64 py 10%, disseminated in contact, v. abrupt change to <1% py 91.53-93.73 V. broken/fract'd zone. fault?, more hem alte in fracs.						
93.73 – 118.33	QZMZ; 95.47-95.74 ANDS xeno (ALT-W) pyritic (5-10%) @100.08 ANDS xeno/rafted, ALT-W, pyritic parallel stringers 2-5mm/30°CA. @115.12 ANDS dyke, pyritic 6cm/15°CA. py-10%, replacing QZ primal @116.80 ANDS dyke; irreg contacts; ~30°CA 4cm thick, pyritic, 10%	ALT-N/W v. wk seri/cent. @106.70 argillic alt halo 8cm wide around narrow cluster of qz-cb veins. 118.16-118.33 ALT-S, v. bleached sericitic near shear contact.	Py rare <1%. @106.53 qz vnlts 8mm/55°CA, v. wht @109.98 narrow qz vnlt 3mm/75°CA. w/ arg alt halo. @111.88 qz vnlts w/ alt halo. @113.80 large tension gashes infilled by cb./qz.						
118.33 – 119.19	ANDS, porphyritic, wk qz-cb stkwk	118.37-118.60 ALT-M. 118.60-119.19 ALT-W.	UC 25°CA sheeted, w/ silicia & minor clay gouge Pyritic to 118.60 (5-10%) Py ≤1% to 119.19.						
119.19 – 125.70	QZMZ wk qz-cb tension fill vnlts, variable orientation	ALT-M; incr. sericitic, K-spar/hem overprint Locally propylitic	Py <1%.						

CME

Hole No.: 97-55

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
125.70 – 126.85	ANDS; porph.; wk qz-cb stwk.	ALT- W	Irreg UC/LC Py 2-3%.; patchy dissem. wk fol^{n} of phenos roor LC ~ 40°CA.						
126.85 – 130.55	QZMZ;	126.85 – 127.76 ALT- M; v. ser; bleached; 1m dusting on clvg							
	@129.24 sheared ANDS stringers, ~ 30°CA. 5mm to 1cm	127.76 – 128.80 ALT- N/W; wk pink K-spar							
	@128.66 ANDS dyke. 7cm/ 15°CA; pyritic (3-5%).	128.80 – 130.55 ALT- M.							
130.55 – 131.95	ANDS, bleached & alt'd; porphyritic	ALT- M/S; olive coloured phenos mod sericitized	Py 3-5%.						
131.95 – 136.96	QZMZ, 131.95-133.70 sheared QZMZ w MYLT developed @ UC	131.95 – 133.30 ALT S/K. generally v. ser. to clay alt'n. 133.30 – 136.40 ALT- M; clay development ± fract, minor rec hem along fracs; ser. 136.40 – 136.96 ALT- S	UC ~ 20°CA, MYLT shear. w/ qz-clay-ser ± py. ~ 5%.						
136.96 – 138.38	ANDS; porph., no qz-cb stwk. Minor incorporated/xenolithic QZMZ.	ALT- S.; v. bleached, sericitized phenos. (bright green)	Pyritic 5-15%, in stringers and patchy disseminations.						
138.38 – 171.60	QZMZ;	138.38 – 144.70 ALT- M. 144.70 – 155.15 ALT- S; gradual incr to strong alt^{n}	144.70 mod shearing appearent in rock. @146.27 qz vn fragg? w/ minor clay/ser/ I/K. @149.80 shear plane, clay alt^{n} w/ yellow/orange K+ oxidation 3cm/20°CA.						
		155.15 – 169.89 Strong hem alt^{n} (pervasive), numerous hairline fracs infilled w/ ser, clay, iron Alt^{n} obscured QZMZ texture.	155.15 – 169.89 Sheared QZMZ.						

CME

Hole No.: 97-55

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(QZMZ, cont'd)	166.60 – 170.00 ALT-S (cont'd) v. bleached, seri. rich w/ incr. sx, QZMZ is pale – no hem/lim alt'n, except on a few frac sfcs. Minor silica flooding	166.60 – 170.00 py 2-5%, variable in veins & disem along groundmass						
	(approx) 170.00 – 170.82 ANDS, bleached, ALT-S. pyritic – 5% in stringers & disem		@170.00 – 170.10 strong shear contact? v. decomposed clay rich QZMZ/ANDS						
		173.82 – 171.60 bleached QFMZ, ALT-S	170.82 – 171.60 py 2-3%						
171.60 – 185.74.	ROFP/ROP, v. pale green to off white grey qz eyes and ragged occasionally pinkish fsp phenos; wk flow banding.	ALT – M/S; seri alt'n of most of unit, wk clay alt'n of fsp phenos.	py ≤ 2%. disem cubic py						
	172.10 – 173.40 SMR-7/QZMZ. upper part completely decomposed (ALT-X), clay; minor yellow alt'n		177.40 – 177.60 sx units / fault & pressure solc						
	ROFP shares characteristics of Central Meston – qz eye size / fsp size / colour / flow banding / pyritic / alteration.	Patchy yellow lim around sx (py)	@177.78 FLT; v. frac'd, clay alt'n						
185.74 – 191.30.	QFMZ, mod shearing; frac/tension fill by cb + qz	ALT-S; bleached, seri	@187.60 FLT. clay gouge; ~ 10cm. LC 45°CA	09044	184.53 – 185.74	1.21	35		
			@180.50 qz-sx vn; disrupted w/ abund sheared seri-clay infill, minor cb; yellow/orange lim alt'n. 3cm/20°CA	09045	185.74 – 187.15	1.41	45		
				09046	187.15 – 188.31	1.16	25		
				09047	188.31 – 188.86	0.55	690		
				09048	188.86 – 190.20	1.34	70		
191.30 – 192.11	ANDS. porphy; mod-strong qz-cb stkwk	ALT-S/M; bleached	Py ≤ 1%						
192.11 – 192.51	QZMZ	ALT-S.							
192.51 – 193.77	ANDS, porph, as previous.	ALT-S, bleached, seri	Py < 1%.						
	192.85 – 193.24 v. bleached QFMZ – ALT-V v. qz rich, minor seri.								

CME

Hole No.: 97-55

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
193.77 – 197.30	QFMZ; sheared	ALT- S, v. bleached, seri.	Py ≤1%.						
197.30 – 201.35	RQFP, similar to earlier; typical Central Marker style of dyke. Smaller <2mm qz eyes, faint ragged fsp phenos; wk flow banding.	ALT M/S.; minor to med clay on fracs; strong seri.	P_y 2-3% disseminated py		Error in ASSAY DB - sample B195433 should be @ 201.35 not 200.35				
	@197.80 QFMZ inclusion ~15cm.	Near LC bright green flow-banded RHYL							
201.35 – 267.35	QFMZ,	ALT S/M, v. bleached, fsp seriticized; wk K-spar alt^{n} overprint.	Mod fractured core, brittle deformation of broad fault zone. over most of						
	Minor APLT dykes. @ 204.70, 205.00, 209.20. Pink, fn grained ~1cm or less.		~207.00 → incr internal fracs w/ seri infill; incr shearing;						
	@212.70 APLT 3cm/80°CA; also @ 212.55 4cm/60°CA w/ offset.	@214.76 v. green seri.	@217.43 qz vn 1cm/60°CA w/ cb.						
	221.40 – 267.35 sheared; low angle fracs.; incr. sericite to locally w/ v. seri alt^{n} (green - soft rock). Some shear planes undulate through core. (220.40)		224.80 – 225.05 v sheared; complete serictization w/ clay alt^{n} too. Shear orientation soft to CA to 10°CA.						
	Tension gash infill common by cb - qz. V. rare qz vns.		@229.97 shear w/ seri, mirror from 30°CA.						
			@237.35 gouge shear plane. 15-20°CA.						
			@237.90 shear plane 2.5cm/2.5°CA						
		@240.74 narrow (<2mm) qz-cb vnlt w/ pink potassic alt^{n} halo (~2cm)	@238.79 shear - total seri. 2cm/50°CA						
			@239.65 shear plane - seri, 1cm/15°CA						
			245.81 – 246.58 v. sheared, seri - qz, v. frac'd ~15°CA shear planes.						
	249.20 – 249.85 FLDK, ol v. K-spar phase of QFMZ.								
			@254.25 qz vn w/ sx alt^{n} + seri cross cuts FLDK - 1cm/40°CA, yellow sx alt^{n}	09051	254.20 – 254.70	0.50	420		

CME

Hole No.: 97-55

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	254.20 – 255.55 FLDK, v. frac'd w/ calc ± qz veins, minor intermixed QZMZ.	(ALT-S, contd).	@260.00 shear plane, ser rich 1cm / 20°CA.						
		260.30 – 267.35 v. bleached QZMZ, ALT-X; no mafics whatsoever, v. ser rich.	@260.31 qz flooding w/ minor sx						
267.35 – 268.00	RQFP (C. Marker style) Wk flow banding	ALT-S; ser, clay common,	Py 2-3%, fine disseminated cubic py						
			@264.72 cataclastic bx, ~1-2cm, fine dk grey/brown ser clay matrix w/ lesser sx						
			@265.40 lesser cataclastic / shear.						
268.00 – 294.60	RFP (S. Marker), v. light tan to off white, no to v. rare qz eyes; integrated to gradual feldspar phenos, homogenous	ALT – M/S.	@265.90 Strong cataclastic shear.						
			UC v. sheared and silicified 268.00 – 268.30, silicified to clay gouge shear contact.						
			268.30 – 268.80 Faulted - broken core						
		293.83 – 294.10 pale warm alt'n	@276.17 brec, v. ser rich 30°CA						
294.60 – 297.60	QZMZ, sheared	ALT-X; v. ser, qz flooded & bleached, clay alt'n common.	Py locally abund 2 – 5%						
			295.00 – 295.20 (approx) cataclastic bx/ shear; v. dk grey/brown w/ qz – sx vn/bx frags; also entrained QZMZ frags; aligned in qz vn; Py ~ 10% in ser/clay matrix.						
	@295.60 ANDS xeno, immed below QZMZ clay alt'n shear.								
	@296.30 ~10 cm ANDS xeno., ALT-X, 5% Py.								
297.60 – 313.09	RHYL / RQD; contains qz eyes w fsp phenos (50/50) in pale green to buff to tan RHYL matrix	297.60 – 299.60 ALT-S; v pale green (ser) w glassy due to silicification	Py v. rare <<1%.						
			Unit is highly internally frac'd but healed to frac'd and broken due to faulting / brittle deformation						
			304.50 – 305.35 Fault.						
		312.27 – 312.72 bleached; white / pale green, lesser qz eyes.							

CME

Hole No.: 97-55

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	312.72 – 313.08 Sheared ductile		LC. Irreg ~ 20°CA						
313.08 – 314.15	ANDS; porph; mod qz-cb stkwk	ALT- M/S. Ser; hem.	UC; v. alt'd, reddish due to hem.						
	313.23 – 313.72 QZMZ (rel(?)								
314.15 – 370.48	QZMZ. mod shearing	ALT- S/X							
			@314.65 qz-sx vn frag in QZMZ w/ wisp qz + aspy.						
			@315.24 qz-sx vn frag 2cm/2cm w/ minor aspy+py						
	315.28 – 315.50 ANDS xeno?, ALT-X, bleached, but pitted due to clay alt^n								
	Elsewhere through "DAMAGE ZONE" more ANDS xenos; qz flooding, mylonite/cataclasite		316.40 – 317.00 more cataclastic shears to MYLT zone; clay alt^n strong; Py mod 2-4%, weakly asscm'd; QZMZ, aspy not seen.						
		318.50 – 319.60 ALT-X, v. clay-alt'd, pitted/vuggy 60%	317.55 – 318.05 MYLT / SXR. ?. mod med-dk grey sheared/foliated clay-ser ± Sx w/ entrained QZMZ frags						
320.48 – 321.61	ROFP; qz eyes + fsp phenos	Bright green, completely sericitized unit; foliated / flow banded - phyllitic	UC/LC sheared, gouge. Some open space filling texture; filled by cb-qz.						
			LC 20°CA.						
321.61 – 370.03	QZMZ; locally sheared (cataclastics)	ALT S/X; v. sericitic fsp.	Rare py overall ≤1%. @321.69 cataclastic shear 3mm/25°CA.	09053	321.25 – 322.78	1.53	10		
				09054	322.78 – 324.31	1.53	5		
	323.23 – 327.49 FLDK. 25°CA; w/ offsets			09055	324.31 – 325.83	1.52	5		
		329.49 – 327.92 v. bleached, pale green.		09056	325.83 – 327.36	1.53	15		
			* 328.69 – 329.56 locally sx'd QFMZ. V. small hairline to mm-size	09057	327.36 – 328.69	1.33	420		
			* qz veins w/ v. fine dessem	* 09058	328.69 – 329.56	0.87	4.063/t	*	
			* Sx - probable aspy+py - looks	09059	329.56 – 330.82	1.26	65		
			* Similar to 97-56 (new zone)	09060	330.82 – 331.93	1.11	5		
			* Sx particularly strong @ 329.00 ~ 15% and 329.44 ~ 15%;	09061	331.93 – 333.25	1.32	35		
		329.56 → rejoins to ALT M/S. v. sericitic, no sx; v. tight no veins, minor hairline fracs.							

CME

Hole No.: 97-55

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(QZMZ, cont'd)	340.50 – 341.70 strong green seri alt'd QZMZ (no limit from brown weathering)	339.50 – 342.10 v. broken core - fault zone ?						
	342.80 – 343.57 ANDS dyke; uc sheared w/ gouge/ cataclasite; minor sx assoc w/ narrow qz-cb vnlts.; ≤1% opy. ALT-M.		342.60 – 342.80 sheared QZMZ. frac'd w/ seri; minor sx	09062 09063 09064	342.10 – 342.80 342.80 – 343.57 343.57 – 344.12	0.70 0.77 0.65	450 270 10		
		348.70 – 349.35 bleached, green seri; ALT-X, clay alt'n							
		349.35 – 350.03 ALT-M, clay alt'n limited to frac sfcs w/in broad fault/deformation zone. Internal alteration lower grade in general, w/ zones of strong seri alt'n	349.00 ⇒ 360.00 core mod frac'd & broken w/ abund clay on frac sfcs; may be a fairly low-level brittle deformation zone on edge of shear zone. (Sutt.)						
	352.70 – 355.85 (approx) ANDS dyke ALT-M, pervasive hem alt'n through unit mod-wk qz-cb stwk, occasionally vuggy Py/pyrite; generally dk green, wk seri; @ 354.80 – 355.00 - v. seri alt'd pheno; silicic		357.03 – 357.15 qz-cb flooding/infill into tension gash						
	@ 361.80 FLDK frag @ 362.69 narrow FLDK 5mm/30°CA @ 363.35 FLDK 1cm/ 45°CA. @ 364.88 FLDK frag @ 365.05 FLDK, exhibits a offset out of core. 346.66 – 366.98 FLDK down CA.	363.58 – 365.55 ALT-X, clay alt'n, vuggy, pitted	@ 364.85 shearing w/ seri. infill in fracs.						
370.03	END OF HOLE								

CME

G97-56

Project name: SKUKUM
Project #: CP56C
D.D. Hole #: 97-56 (Relog)

Length (m): 359.36m
Grid: UTM NAD 83
Dip: -56°
Azimuth: 120°
Core size: NQ

Contractor: (CRISN)
Northing: 6672989.101
Easting: 483920.205
Collar Elev.: 993

Hole survey type: MULTI-ETCH.
Started:
Completed:
Re **Logged by:** TN
Date logged:

Depth	Dip	Azimuth

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0.00 - 0.91	CASING/NO CORE								
0.91 - 93.88	QZMZ; relatively fresh to weakly altered; med grained hypidiomorphic, pink/green, magnetic 2.241-2.96 narrow ANDS dike/xeno @58.38 ANDS xeno; 5cm.	ALT W/N; propylitic; local narrow argillic alt'n zones forms to around narrow qz-cb-epi stringers & veins. Chl of matic (primarily mat, minor bio) 35.05-42.48 ALT-N, v. WK 42.48-45.69 ALT-W/M, incr dpf 45.69-46.72 ALT-M/S; incr argl, locally vuggy or bleached. 46.72 → ALT-W 66.20-63.90 ALT-M. 67.94-68.23 ALT-M assoc w/ ch-qz vnlts	Rare py (<1%) Qz-cb veins typically 1-3mm w/ alt'd selvages up to 5cm wide. @18.50 qz-cb vn, 1cm/60°CA; cb is remobilized/ brecciated due to sfc exposure, due to heavy Fe-ox of cb, probably high Fe-cb ie ankerite, or possibly dolomitic @23.19, narrow stockwork 25°CA. 24.90-25.10 qz veins, medium, 1-5cm/60°CA, OK stkwk, 1cm/30-60°CA, diorite dyke w/ 11 @27.13 qz vnlts. 65°CA. 33.07-33.35, qz vns, strong alt'n; 2-40°CA 1cm qz vns, w/ strong argillic alt'n, pastic @ ~33.10 46.94-47.50: p-t, v. fine grained FLDK @ low angle to CA; 3cm wide, possibly fine grained or single clast. 51.26-54.56 stkwk flooding; also @ 56.36.						

CME

Hole No.: 97-56

Scale	From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
		(QZMZ, cont'd)	74.30 – 82.70 ALT - M 82.70 – 88.85 ALT - S, centred on fault/fault planes, clay alt'n on fracs. 88.85 – 88.89 ALT - M/W; w/ variable zones of fresh QZMZ 88.89 – 93.88 ALT - W/N	@87.90 shear/fault ~35°CA. @88.30 strong alt'n, shear zone 45°CA						
	93.88 – 95.46	ANDS; med green to olive coloured; porphyritic, wk moderately recrystallized groundmass.	Variable alteration, strong bleaching near UC; In general ALT - M.	UC 45°CA. 94.84 – 95.46 stockwk of 5-10 % sheeted ANDS w/ qz-Sx veins; py, py, pass sub/aspy (v. fg grained - coarse) relatively abundant Shearing ~ 35°CA; Sx 10 – 15%	07353 07354 07355	92.66 – 93.88 93.88 – 95.46 93.46 – 96.83	1.22 1.58 1.37			
	95.46 – 99.48	QZMZ; typical unit. 98.37 – 99.21 FELS phase in QZMZ, fine grained, K-spar alt'n (pat)	ALT - W/ locally M; propylitic	@96.66 qz vn, wht massive, barren w/ Sx on sheeted selv; 2cm/00°CA						
	99.48 – 102.75	ANDS; porphyritic; wk qz-cb stkwk (resistant recessive)	ALT - W.	V. rare py (<<1%) UC v. low angle to CA (< 10°CA) LC 40°CA						
	102.75 – 105.38	QZMZ;	ALT - W, inter K-spar alt'n giving rose pink rock. Otherwise relatively fresh-looking							
	105.38 – 106.03	ANDS, typical porph unit.	ALT - W	Py ≤ 1%, disseminated UC - 35°CA LC - 20°CA						
	106.03 – 107.70	QZMZ. @107.25 ANDS 4cm/25°CA	ALT - W, K-spar.							
	107.70 – 112.17	ANDS; wk qz-cb stkwk	ALT - W/M, locally bleached to olive colour, incr py assoc w/ bleaching but still <1%. Incr'sm in fine stringers & fracs.	Py rare <1% UC 15°CA; LC sheeted, 50°CA.						

CME

Hole No.: 97-56

Scale	From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	112.17 – 123.69	QZMZ;	ALT-M; increased prop to wk seri; (fsp) No K-spar alt^{n} Incr sil content.	@112.73 qz flood, vn Arg, sheared.						
		@113.40 narrow ANDS dyke/sills 1cm/45°CA								
		114.29 – 114.70 FELS.	112.90 → ALT-W, just prop. of MS v. wk seri.							
		114.71 – 114.81 ANDS dyke 7cm/40°CA sheared. – ALT-M								
		119.17 – 119.57 ANDS dyke., ALT-W UC-25°CA / LC-30°CA								
		123.39-123.49 ANDS, ALT-M, 6cm/30°CA								
	123.69 – 125.71	ANDS, purph.; wk-mod qz-cb stkwk	ALT-W/M; fractured; green seri phenos hematitic, pale red/pink in fract and general alt^{n}	Rare py (<1%)						
	125.71 – 132.18	QZMZ;	125.71 – 126.75 v. foliat^{n} fractured & qz flooded, pass sheared brown colored. ALT-M/S.	UC v steep, qz-cb vning, 85°CA.						
			Increased argillic alt^{n} w/ sericitization (pale green) of fsp.	@127.00 dk seri/clay ± Sx stringers in sheared QZMZ						
	132.18 – 135.86 (approx)	ANDS, typical porphyritic, v brown due to Sx oxidation, wk qz-cb stkwk	ALT-W/M	ANDS is quite fract'd/faulted						
				@134.60 qz-Sx vn in faulted ANDS Sx of py, stib, aspy?; v. brec'd, AND w/r w/ Sx up to 10%						
				@135.30 v fract'd/faulted core in ANDS; only qz-cb vning assoc.						

CME

Hole No.: 97-56

Scale	From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	135.86 – 153.00	QZMZ, v. bleached, to pale green/white. Fairly atypical colour, texture of QZMZ. ~140.00 becomes more pink, large fsp xtals, almost porphyritic, weakly sericitized. 143-145.60 v. felsic phase, 3-4mm sericitic fsp	ALT- M, strong bleaching and seri alt of fsp pieces. @146.15 zone of "fresh" magnetic QZMZ, also @ 145.45 + 146.75. 152.10 – 155.00 ALT- S, v. bleached, pyritic	Rare py (<1%). @147.20 shear, Arrow 30° CA. 153.35-153.00 10-15% diss py near contact, common yellow/orange alt halos around py dissemination & hairline veinlets- poss As-or						
	153.00 – 167.50	ANDS, porphyritic; mod qtz-ab stwk.	ALT- M; locally S + W. V. bleached, esp near contacts. 146.40-146.80 ALT- S/V	UC v. pyritic ~10%. @154.90 fract/felsic band; post v. fine diss py. 6cm/65°CA. @153.70 qz vn, massive gash infill; pale pink/purple clear qz; vuggy with ~2.5°CA, pinches out. 146.40 – 146.80 FLT- PN	B19545	152.37 – 153.77	1.44	0.02		
		QZMZ; v. stained alt'd; possibly v sulphidized, but v. fe stained – dk blue-grey resin to core, sheared LC w/ BX, 15°CA.	162.52 – 163.44 ALT- V/S; stockwk w/ wedge of QZMZ	164.44 – 164.72 Sheared ANDS w/ fg tension infill qz @ 47-45 units	07356	162.52 – 163.44	0.92			
	167.50 – 178.92	RFP, tan to buff coloured, relatively homogeneous, massive.	ALT- M, seri alt's give subtle greenish cast to core.	UC sheared against ANDS 70°CA – strong BIF; alt'd; wk flow banding at contact zone area w/ spherulites. Flow banding 40-45°CA. Flow banding near LC 40°CA. LC sheared: 30°CA.						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
178.92 - 181.34	QZMZ; typical; wk sericitic ± proximity to UC.	ALT- M/S; incr. argillic alt'n	Py ~ 2% Py near upper contact						
	180.75 - 181.05 ANDS dyke; ALT-M, UC 40°CA, LC - ? (broken)								
181.34 - 182.30	ANDS.	ALT-M							
182.30 - 183.68	QZMZ	ALT- M/S							
183.68 - 186.91	ANDS	ALT- W.							
186.91 - 187.79	QZMZ	ALT-M.	LC sharp, 75°CA.						
187.79 - 188.94	ANDS. (v. brown ave to sfc exposure)	ALT. W/M							
188.94 - 191.32	QZMZ	ALT- S/M; ; bleached.	@ 188.98 qz-py vn: mass wht w/ coarse asscn py ~ 5%; vn offsetted 5mm/30°CA	07357	188.94 - 190.19	1.25			
	Low angle FLDX/RHYL? over 1 cm along core axis - poor recovery			07358	190.19 - 191.14	0.95			
191.32 - 228.90	RHYL; flow banded upper/lower margins (though quite weak) w/ corr of OFP.	ALT - M; seri ± clay wk (incl flow bands/fractures)	UC zone w/ py ~ poss asspy, v fn py disscm, cubic generally throughout the entire unit, small stringer veins of py	E195446	191.14 - 192.46	1.32	1.71	Note as seen 191.14 m.	incorrect from log book; should be
	191.32 - 194.90 Flow banded RHYL		Flow banding typically 40°CA.						
	194.90 - 200.86 ROFP.		@ 201.91 py ~ 5%.	07359	192.46 - 193.78	1.32			
	200.86 - 203.07 RHYL, ro qz eyes, still fsp, flow banding, fgnitic								
	203.07 - 218.70 ROFP; through qz eyes quite rare towards end								
	218.70 - 228.90 Flow banded RHYL; v. distinct, low angle to CA banding (5-20°CA)		@ 205.30 seri rich shear 40°CA.						
	Py common ~ 2% as disscm patches; may be also v. fn grained sx along flow bands!		214.00 - 216.70 wk flow banding						
	@ 223.20 - strong flow bands enc, though still common below; less ok bands, generally lighter tan to pale green.		@ 218.95 coarse cubic py along wk CC or frac plane.						
			Dark bands in RHYL may be SX; silvery glitter on sm polished faces - asspy? sfs?	09678	223.73 - 224.36	0.64	0.13		
				07360	224.36 - 225.24	0.88			

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	(RHYL, cont'd)								
228.90 – 230.54	QZMF, sheared,	ALT-X; heavy seri alt'n, forming internal shear bands	@ LC prominent flow-bands 30°CA Flow bands // to contact w/ QZMF.	07361 07362	227.90 - 228.90 228.90 - 230.54	1.00 1.64			
	229.00 - 229.20 dk xeno - ANDS?, alt'd and medium hornfels; no vis. sx.								
			@ LC another xeno, dk grey w/ hint of purple, as described previous, LC w/ clay alt'n, sharp 45°CA	07363	230.54 - 232.38	1.84			
230.54 – 247.60	RHYL; flow banded near contacts, fairly homogenous and massive w/ locally abundant sulphides of py, sph, poss arsp and stib	ALT. M/S.	Flow banding @ 232.00 50°CA.						
	230.54 - 232.75 flow banded RHYL								
	232.75 - 240.50 RHYL w/ SX - wk lamination								
	240.50 - 247.60 (approx) flow banded RHYL		Narrow SX unit may contain quite coarse black sph w/ py! Py is fairly evenly disseminated through the RHYL						
247.60 – 246.58.	V-rusted unit due to str exposure, actual lith difficult to ascertain. Appears to be close to RHDC - porphyritic, some qz eyes, greenish matrix to locally pale tan/green	ALT- M/W - except for str alt'n, appears quite fresh through no magnetite	Py, sph + poss tetr common as traces - up to 3% -	07364	243.53 – 244.16	0.63			
	Some pinks pinkish - sanidine?		Aforementioned sph occurrences may be tetrahedrite which would explain anomalous (though low) Ag values in flow-banded RHYL						
	Some ANDS @ LC, v. narrow.								
246.58 – 250.67	ANDS, massive, homogenous, fine-grained v competent;	ALT - W	Py ~ 1%, finely disem cubes.						
*	*This may be correlatable w/ the massive bleached/silicified magnetic ANDS dyke in GH03-2 near main shear zone!								
	↳ Confirmed @ a near LC, v. magnetic; Magnetism continues into QZMF tuffs as seen in GH03-2!		LC sharp, not sheared (intrusive?) 50°CA.						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
250.67 - 259.77	QZMZ; appears sheared yet fresh looking magnetic	ALT - W/M.	258.07 - 252.40 v. magnetite rich (strong magnetic response); magnetite still present but decr towards 258.77.						
	251.30 - 251.70 bx'd ? FLDK, K spar alt'd.								
258.77 - 260.59	QZMZ,	ALT - M; prop and wk seri alt'n increasing to S by end of interval		09732					
				09682					
				09733					
	259.99 - 260.04 AND'S dykE			09679					
	260.29 - 260.59 Sheared QZMZ			09734					
260.59 - 263.03	RHYL; pale tan to greenish wk abundant narrow Sx veins & stringers (pressure silt)	ALT - S	Dissem py ~1%, Pressure silt veins 3% wk pinkish py - cpy - sfb (?)	09735					
				09736					
				09680					
263.03 - 263.66	QZMZ/RHYL; v sheared contact zone, dk grey matrix w angen.	ALT - X.		09681					
				09738					
263.66 - 287.73	QZMZ, sheared	ALT - S, locally X, primarily seri, wk qz flooding & local sulphidation.	Py 2 - 5%; v. fine grained dissem. assoc wk qz flooded QZMZ	09739					
				09740					
				09683					
			265.47 - 266.89 Mylonite shear zone.	09741					
				09684					
				09742					
			272.44 - 273.85 quite sulphidized QZMZ fine-grained py (assoc wk wk qz flooding; 10 - 15%	09685					
				09743					
				09744					
			Sx common below though decreased somewhat	09686					
	@ 273.90 narrow ANDS vein 0.3			09745	285.18 - 287.53	2.35			
			275.90 - 276.80 v. strong silicification	09687					
				09746	289.26 - 289.60	0.34			
	279.20 - 279.50 ANDS			09688					
	279.75 - 280.05 ANDS			09745					
				09689					
			@ 283.15 narrow agglomeratic band						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
		285.18 - 287.73 v. blocky & core, wht to pale green.	@284.80 qz va, barren, wht 1cm/25°CA.						
287.73 - 289.26	ANDS dyke., strong qz-cb stkwk. porphyritic	ALT - S ; ser.							
289.26 - 300.90	QZMZ stkwd ; qz-cb flooding or stockwork	ALT - X, dominantly ser. w/ locally strong clay alt'n in strong shears and all frac sets	Rare diss py (<1%)						
	294.65 - 294.90 MALT, dark matrix w/ qz va frags and QZMZ frags.								
			298.80 - 300.38 Strong FLT-Z, decomposed QZMZ & minor ANDS to v. small frags (<1cm), v. friable, minor qz. Py 2-5%, diss'm & vnlts						
	300.38 - 300.45 ANDS, pyritic, 5% diss'm ands.								
300.90 - 305.67	ANDS: porphyritic, pyritic to 5%	ALT - S/X	Py 5% diss'm cubes & patchy						
	303.05 - 303.60 QZMZ, ALT-S		Py decreases after first QZMZ inclusion to ~2%.						
	304.30 - 305.04 QZMZ ; ALT-S. Contacts w/ ANDS/QZMZ subp, unsheared & (minor)								
305.67 - 329.63	QZMZ ; relatively unsheared ; occasional ANDS frags.	ALT-S/M - strong ser. qz-musc'd, minor cb	Wk py (<1%)						
	309.40 - 309.50 ANDS frags, sheared w/ qz infill in tension gash, minor py, pos sph(?)		@310.30 qz va, barren, white 1cm/50°CA, py in wlk.						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	(QZMZ rubble)		@ 314.06 qz vein w/ K-spar alt'n on FLDK (1cm/60°CA)						
			314.40 - 314.85 shear zone, near contact w/ ANDS, QZMZ. ALT-S/X, 45°CA,						
	314.85 - 315.08 ANDS dyke.	315.08 - 315.36 ALT-X. (QZMZ)	@ 314.75 qz vn, minor py in w/r. 1.5cm/30°CA						
	316.24 - 316.49 ANDS dyke/xenos.								
			@ 318.40 qz flooding/vn w/ fn disseminated py (3%) over ~ 2 cm., shear plane.						
	327.54 - 329.90 FLDK; shear contacts, pink, fn-grained (K-spar alt'n); UC - 45°/LC - 70°	329.90 - 329.03 ALT. X. Highly sheared QZMZ: qz veining, clay alt'n on fracs; locally v. brittle	Py - 7-3%, assoc w/ SHR. Z.						
329.63 - 347.94	ROFP; buff to off white, equigranular, v competent, homogenous, qz eyes up to 3mm 5-10%, fsp 5-15%, white. Minor rafted chunks of QZMZ or ANDS, (v. green, highly serecitized)	329.63 - 330.40 ALT-X, assoc w/ contact zone; v. green, completely serecitized. 330.40 - 342.74 ALT - W/M, v. hard, green seri on fracs/hairline, V. pale green rest to core							
	@ 341.07, relict QZMZ, being consumed by ROFP								
		@ LC ALT-X over 70cm, v. seri rich (green)	Minor LC shear @ 342.69 35°CA						
347.94 - 343.29	QZMZ, sheared, w/ qz flooding.	ALT - S	Py 2-3%, v. fn grained.						
343.29 - 344.11	ANDS, porphyritic, magnetic	ALT - W/M.							

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
344.11 – 359.36	QZMZ.	341.11 347.94 ALT - S, decr to M. 347.94 - 348.84 ALT. W, wk magnetite 348.84 350.71 ALT - M, prop a wk seri 350.71 - 359.36 ALT. N/W, v fresh looking QZMZ, strong magnetite.	@344.30 Q2 vn wl py, poss dk grey Sx in vn but exceptionally fine. ~11cm/40°CA; py - W/I.; offset in vn ~2cm. Above vn, core is rugged						
359.36	End of Hole.								

CME

Project name: SKUKUM
Project #: PS60
D.D. Hole #: 97-58

Length (m): 210.31
Grid: UTM NAD 83
Dip: -64
Azimuth: 180°
Core size: NQ

Contractor: CARON
Northing: 6672830.922
Easting: 484446.360
Collar Elev.: 910.

Hole survey type:
Started:
Completed:
Logged by: TN
Date logged: 12/01/03

	Depth	Dip	Azimuth

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0 - 1.22	CASING								
1.22 - 109.08	QZMZ; med grained, equigranular; pink & green where fresh and V magnetic where fresh minor alt'n, dominantly seri w/ wk prop & "colour weathering" str on; magnetite destroyed w/ advan of alt'n Many veins of py/quartz	ALT - variable, fresh to mod alt'n in football assoc w/ qz veining vn's/veins 1.22 - 4.95 ALT - W 4.95 - 6.32 ALT - N 6.32 - 10.92 ALT - W. 10.92 - 42.52 ALT - N. @10.71 ch-qz-ser; tension gash, vn'd 11 - 11.40 Kaspar dominant; and elsewhere, v. wk 36.30 - 36.91 ALT - M - alt' halo 42.52 - 49.04 ALT - W/M "brown weathering" - lam/hem; chlor in seri; local qz flooding/bleaching	Py rare <1%. @6.98 qz-cb vn'lt. 3mm/65°CA @7.63 qz-cb vnlt 4mm/70°CA @8.47 qz-cb vnlt 3mm/70°CA @9.94 chalcedony-cb vnlt; tension gash <70°CA. 5cm - 12mm. @20.00 qz-cb-ser; stockwk vn'lt 2-3mm/80°CA @29.86 chalcedony cb tension gash vn'lt 7mm/ 25°CA; minor cb @31.15 qz-cb vn'lt 4mm/85°CA; strong seri alt'n halo, v. green; also due to narrow ser-qz-cb vn'lt @ 31.30 3mm/65°CA @34.29 qz cb-ser tension gash vn'lt @36.51 qz-cb-sx vn 2cm/85°CA w/a wide alt'n halo; v. fn. sx, minty py, gal; sph. 43.62 - 43.72 fault plane, ground core, w/ cb vn. @ 25°CA (fault orientation); cb vn shows slicks in direction of max dip (25°CA) Reverse fault movement (apparent) @46.01 qz-cb vn'lt 3mm/70°CA						

CME

Hole No.: 97-58

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(QFMP, cont'd)	49.04 – 51.34 ALT-M, bleached & mod ser'i, highly frac'd w/ ser'i infill qz-flooding @ 50.17 & 51.30.	50.55 – 57.05 long frac down CA, w/ qz-ser'i-cb fracture pairs II, highly fract'd w/ ser'i infill/healing						
		51.34 – 58.08 ALT-W/M, somewhat variable w/ local zones of pink K-spar alt'n. ALT-M in immediate areas of cb-qz healing veins	@53.13 qz-cb-ser'n veins w/ bleached alt'n halo; vein 2mm/30°CA						
		58.08 – 60.38 ALT N/W;	@59.78 qz-cb vein, 8mm/70°CA						
		60.38 – 62.74 ALT. W., brown weathering							
		62.74 – 62.95 incr propylitic ALT., S.							
		62.95 – 63.42 ALT- S/X, propylitic alt'n of fsp to clay, v. sharp, abruptly stops @ 63.42 (clay alt'n)							
		63.42 – 64.64 ALT M/W; wk prop, ser'i.	@64.48 qz-cb vein 6mm/65°CA.						
		64.64 – 68.44 ALT W., ser'i w/ wk K-spar., v. wk prop.	@66.15 qz vn 8mm/70°CA.						
		67.10 – 67.25 prop alt'n	@67.06 qz veins.						
			@67.29 qz vn/flooding, diffuse marginal, minor discern pg.						
		68.44 – 69.88 ALT N/W							
		69.88 – 72.65 ALT- S (gradational boundaries), v. bleached to pale greenish yellow							
		70.75 – 71.05 strong fracturing w/ hematitic alt'n over clay							
		71.65 – 72.05 ALT-X, clay alt'n, v. soft.							
		72.05 – 72.65 ALT-S, grad decr.							
		72.65 – 80.87 ALT. M/W; reddish K-spar ± hem alt'n, zones of patchy propylitic where fsp is clay alt'd.	@75.30 qz veins, fracturing; qz-ser'i +SX, multiple II veins over 7cm @85°CA; v. fn pg, poss stk.						
			@80.82 qz veins v. similar to above, qz-SX & qz only veins over 8cm. 70°CA; v. fn pg.						
		80.87 – 82.63 ALT-S/X, propylitic clay alt'n.							

Hole No.: 97-58

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(QFM2, cont'd)	(cont'd) long frac's chalcedony / ser / cb tension gash infill vn.							
		82.65 - 97.60 ALT-M; incr. bleaching, wk-mod ser; "brown-weathering" More typical footwall alt'n as seen in most other holes in the Deposit	85.30 – 86.00 Bxx fault, broken core ser alt'n w/ clay on frac's/fcs						
			@ 82.80 qz-sx vn 1.5cm / 25°CA mass wht qz w/ fin dissem ac'd gpy (25%), w/ pass stb.	09145	86.27 - 89.39	1.52			
			88.39 - 89.10 Fault'd & rubbly; v. broken.						
		97.60 – 109.08 ALT-S/M; incr clay in frac's, v ser.	95.00 - 97.00; qz-ser tension gash infill overprinted along ctct; green, some wk bx'n of QFM2 (enhanced QFM2 frags w/in ser.						
			@ 96.05 fine dissem py, patl alt'n in QFM2 over 3cm (10-15%)	09146	96.01 – 97.90	1.89.			
			@ 98.00 qz in frags, more ser.	09147	98.60 – 99.50	0.90			
			@ 98.50 qz-sx vn 5cm / 25°CA; mass wht qz w/ blue-grey fine grained & stb; + pass alt'n (core split - 1/4 in sample)	09148	99.50 - 100.82	1.32.			
			Below vn QFM2, incr py – 2-3% fine dissem						
			@ 98.94 narrow qz-sx vn/lt, 3mm, w/ probable stb; core highly frac'd w/ clay alt'n						
			@ 100.73 qz-ser vn/lt; in strong ser alt'd QFM2; dissem py in halo, 5%, pass alt'n in vn/lts.						
			@ 100.35 clay slip.						
109.08 – 113.12.	ROF?/ROP; style like Centrall marker; bx much more alt'd, ; QZ eyes ≤ 3mm, grey; fsp v. tagged	ALT-S; pale green ser'n (sericite) but also as preferential flow bands. Vuggy w/ open space cb-py deposition	LC - 40°CA						
			Py dissem throughout and also on frac's; 2-3%.						
			Unit quite frac'd w/ clay, ser, cb. healing						
			Dk-med grey 3x? vn/lts, may only be alt. ser: – stylolitic						
			@ 111.93 bx.						
			LC. ~ 90°CA.						
113.12 – 113.79	DAMAGE ZONE / SMR2	ALT S/X.							
	113.12 – 113.37 QFM2, sheared		V. strong shearing, Mod 11 to CA.						
	113.37 – 113.79 milled AND/S? & fine grained "flow" →	may be milled U. Marker, abutting? @ 113.40.							

CME

Hole No.: 97-58

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
113.79 – 122.14	RQFP; N. Marker, typical unit w/ brown to greenish RHYL matrix; mod to large v. distinct qz-eyes 5-7mm; and distinct fsp phenos, sub-euhedral, also irreg olive coloured inclusions?	ALT- W/M; in general quite fresh, -Zones of incr. seri; wk dusting of lim clay	UC sheared; w/ frags of QZMZ ~ 30°CA; jaggy, Mod fracturing; clay-seri-cb infill LC v. broken, low, irreg contact angle w/ sheared QZMZ; right at contact ox conc w/ some massive aspy (not acid). also py						
122.14 – 123.64	QZMZ, sheared; @123.32 RQFP xenol, 10cm long - fills half core.	ALT- X/S.	Py 3%, dissem throughout; Py/aspy conc@ UC/LC @123.64 py/aspy @ contact of sheared RQFP (Central).	10201	122.14 – 123 84	1.70.			
123.64 – 129.65	RQFP/RQP; Central Marker; fairly typical, more fract'd and wispy qz eyes smaller than N. Marker ≤ 3mm, amb 0.5-1; frag'd fsp.	ALT - M; pervasive seri alt 124.45 – 124.95 pervasive lt'd hem alt'n; pass UC spar.	UC. sheared 30°CA; 124.04 – 124.49 bx down CA. ≤1cm wide narrows downhole and enters wall. @126.54 bx ≤1cm/50°CA @128.17 wk shear/slip. ~ 45°CA 128.20 – 129.03 fx flow banding ~ 40-45°CA 129.20 – 129.44 bx wandering along CA; enters & leaves in saw slab. UC sheared @ 75°CA.						
129.65 – 133.01	QZMZ, highly sheared to bx'd @ UC; pass frags of ANDS in sheared contact. 130.40 – 130.73. MYLT; v. strong shear, dk greenish-brown matrix w/ small mafic QZMZ frags. ALT-X; minor diskem py ~ 3-5%; no obvious sx in matrix - mostly seri-relag. 20°CA. 130.92 – 131.54 BX QZMZ; mostly large qz r.c. frag w/ green seri filled fracs. 131.78 – 132.32 BX QZMZ; as previous though ALT-X; more clay	ALT-S; bleached & qz-flooded, strong seri;	Rare sx, ≤1% 130.92 – 131.10 dk green seri-chl? tension gash infill						

CME

Hole No.: 97-58

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
133.01 - 135.09	ANDS; porph.; mod-strong qz-cb stkwk	ALT-S; bleached; 134.76 - 135.09 ALT-V, v. clayey, bleached; w/ strong ser-alt'd phenos (green).	Pyrite 3-5%.; esstem patches, conc. @ contacts; also few sx veins.						
135.09 - 136.03.	QZMZ, sheared & alt'd	ALT X/S; bleached, w/ ser/qz flooded locally	Py rare < 1%						
136.03 - 137.45	ANDS; sheared; mod qz-cb stkwk.	ALT- S/X; v. bleached; strong ser alt'n of phenos (bright-green)	Py < 1%.						
137.45 - 140.09	QZMZ, sl shearing.	ALT- S/X; v. bleached, locally hard/qz flooded to soft clay alt'd.	Py < 1%.						
140.09 - 140.38	ANDS., porph	ALT - S.	UC, ltrg @ 15°CA. LC, v. ltrg. @ 15°CA						
140 38 - 147.72	QZMZ, as previous Minor ANDS veins. @ 144.67 RHYL; 6cm 140°CA; v. green ser. alt'd ALT-S.	ALT- X/S							
147.72 - 149.12	ANDS, highly sheared/alt'd, porph	ALT-X; v. clay alt'd.	Py 2%. 147.40 - 147.65 complete clay alt'n of fault/shear zone; 147.72 - 148.05 clay alt'd, shear zone. Shear fabric @ 50°CA.						
149.12 - 149.80	QZMZ, sheared.	ALT - S/X	Py rare <1%						
149.80 - 151.22	SHR.Z, mixed QZMZ/ANDS, highly sheared/alt'd	ALT- X; ser/clay							
151.22 - 151.75	QZMZ, v. wk shearing, except @ LC.	ALT- S.	Py - rare <1%.						
151.75 - 158.70	RFP, Sara Marker; mod-to large fsp phenos ≤ 6mm; generally competent and homogenous	ALT- M/S overall; pervasive ser alt'n @ UC ALT X over 4cm. 152.00 - 152.40 ALT S/X. clay/ser	UC sheared 45°CA 152.00 - 152.40 Fault; v. broken, highly alt'd core;						
START PD MAIN 158.70 - 159.55	MYLT / QZ PHY; dark grey v. fissile a...	ALT-X	Py ~ 3-5%. disem in qz						

CME

Hole No.: 97-58

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
159.35 – 160.25	QZMZ,	ALT- S, bleached, v. seri	@159.40 qz vn frag w/ 5% assem py. Vn was ~ 5cm wide.						
160.25 – 160.85	MYLT; dk grey clay/seri matrix w highly alt'd QZMZ frags.; also zone of greenish yellow clay gouge over 4cm	ALT- X	Py dissem 3% – 5%.						
160.85 – 161.15	QZMZ;	ALT- S, v. qz flooded/replaced.							
161.15 – 161.48	MYLT/SHRZ, as previous;		161.15 – 161.25 (approx) strong calcilicsilite zone, v. dk grey/brown matrix, minor entrained frags						
161.48 – 162.08	QZMZ; sheared.	ALT- S/X, v. bleached; seri alt'n.							
162.08 – 162.48	ANDS, porph; strong qz-cs alt'n	ALT-S, bleached, mod seri alt'n phenos							
162.48 – 168.26	QZMZ; wk-mod shearing, generally limited to specific slips or calcilicsilites.	ALT-S/X, v. bleached, qz flooded, seri alt'n, high clay content in fines and core v. decomposed due to sampling.	165.40 – 165.60 (approx); calcilicsilite – totally decomposed in <5mm frags; @166.03 slip/shear – decomposed QZMZ						
		166.75 – 167.05 bleached, qz-flooded. QZMZ, no lam/vein staining							
168.26 – 169.10	MYLT/QZMZ (sheared) inter 7ms of calcilicsilite shears,	ALT- X	@168.49 qz-sx vn. frag w/ aspy + py @168.90 main slip.. highly fract'd						
169.10 – 177.00	QZMZ; as @ 162.48 – 168.26.	ALT- S/X	@169.75 calcilicsilite 2cm/40°CA. @172.18 qz vnlt (ext) 3mm/50°CA. 172.35 – 172.65 MYLT/calcilicsilite w/ minor ANDS, highly sheared. QZMZ frags w/in dk grey matrix @173.05 5m qz-carb-sx frag in QZMZ.						
	173.17 – 173.36 ANDS. ALT- S, bleached.		174.40 – 147.50 probable clay alt'n shear zone, decomposed QZMZ 171.85 – inter. fracs of narrow calcilicsilite						

CME

Hole No.: 97-58

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(OZMZ, cont'd)	175.95 – major qz flooding & highly sheared OZMZ	@176.15 MVLT / BX ; dk matrix, entrained qz frags.						
	176.50 – 177.00 MVLT, v. strong shearing, entrained, rounded, milled QZ & OZMZ frags) Wk. py <1%								
177.00 – 178.85	RHYL; no phenos v.i.s ; v. pale green to off white.	ALT-S/M ; seri pervasive.	177.00 – 177.45 abund dissem (patchy stb ; v. fn grained ; nt mesh texture like aspy, but lite grey. @ uC ~ 50% , decr to 10% by 177.45'. Numerous hairline stylolitic SX visible through RHYL, most stD Dissem py through unit 2%. @177.80 Long "blades" infill by stb + cb/qz ; soft ; brown streak when scratched						
178.85 – 179.30	OZMZ; highly sx'd @ uC for 25cm w/ stb, dg. aspy. ~ 20-40% over interval.	ALT-X/S ; v. bleached OZMZ	Massive stb'd aspy in qz-flood – replaced OZMZ						
179.30 – 179.60	ANDS; mod qz-cb stkwk.	ALT-S/X ; bleached,	Minor SX, py only ~ 2%.						
179.60 – 180.25	OZMZ; altered.	ALT – S.	Rare SX. <1%.						
180.25 – 181.00	ANDS, with minor intermixed bleached OZMZ (<10%) Mod qz-cb stkwk.	ALT-S, v. bleached	Locally abund aggregates of py in 1cm area. Overall <2%.						
181.00 – 183.08	OZMZ, as previous	ALT-S.	Py <1%						
183.08 – 184.75	ANDS; porph. (but wk or suppressed due to alt, mod strong qz-cb stkwk to absent (in SX 70%!) 182.08 – 183.25 Typical alt'd bleached ANDS dike altered, porphyritic 183.25 – 184.75 Incr. sulphidation w/in ANDS, minimal associated qz veining. Sulphide replacement or halos around results of qz + sx extensional veins	ALT-S	184.07 – 184.30 Heavy SX (aspy-py) 35-45% ; minor cis py.						

CME

Hole No.: 97-58

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
184.75 – 185.40	OEMZ;	ALT-S, v. bleached, v. seri, qz flooded	Py < 1%						
185.40 – 185.91	ANDS; typical bleached alt'n unit Mod qz. cb stkwk 185.73 – 185.78 OEMZ xeno(?).	ALT-S	wk sx 1%, py.						
			@ 185.82 slip plane, clay gouge.						
185.91 – 188.15	OEMZ.	ALT-S; v. pale bleached; aband qz; pale green pervasive seri.	@ 186.51 qz vnlt 8mm/65°CA w/ diss py cts sph + aspy w/in vn and wk sx halo w/ diss py v. fine aspy + py. ~ 2cm halo						
			187.95 – 188.15 mod sx OEMZ. 15% diss py + aspy, single qz vnlt @ 188.10 2mm/60°CA.						
188.15 – 190.63	ANDS; variably sx'd.	ALT S/X							
	188.15 – 188.55 SX ANDS. 25-40% aspy + py; narrow qz vnlts. cts reqd	Porphyritic texture suppressed by sx - but still present	@ 188.37 qz vnlt w/ heavy sx halo (aspy) ~ 2cm wide, vn w/ cts sph in vn; up to width of vn						
	188.55 – 189.20 wk sx ANDS, patchy zones w fine diss aspy, mod qz cb stkwk.								
	189.20 – 190.63 mod SX ANDS; fine narrow qz vnlts w sx halos; qz. cb stkwk still present - overprints mineralizing qz vns (see @ 189.55). Sx - 15-25% V. fine acic aspy some cts py.			*	NOTE CORE BLOCK MARKING ERROR: Block marked as 190.05m - should be 190.50m, therefore collection 189's in sample DB Existing DB sample B195579 189.20 – 190.25 should be changed to 189.20 – 190.63 → (this sample is 13.23 g/t Au) and sample B195580 190.25 – 192.15 should become: 190.63 – 192.15				
190.63 – 191.10	OEMZ.	ALT-S; v. seri, v.ss bleached.	Py < 1%						
191.10 – 191.57	ANDS. porph; mod qz. cb stkwk	ALT-S.	Variable SX, from v. low to mod sx (aspy + py)						
191.57 – 192.15	OEMZ;	ALT-S	P_y ≤ 1%						
			@ 191.88 qz vnlt. 3mm/~70°CA						
			@ 192.10 diss aspy in OEMZ, ~ 5%						
192.15 – 192.90	ANDS; porph; strong qz. cb stkwk	ALT-S.	192.15 – 192.30 mod-strong SX						
	192.15 – 192.30 SX ANDS		@ 192.25 qz-sx vn; ass w/ qz w/ abund aspy/sph in vn + py; Vn margins irreg. 1cm wide; 50% sx in vn						
	192.30 – 192.60 ANDS typical w. sx halo.								

Corrected 12/10/03 J.V.

CME

Hole No.: 97-58

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
192.80 - 193.30	QZMZ,	ALT-S; bleached, v. seri.	Sx 5-10%. 193.00-193.15 Sx QZMZ; 2 qz vnlts, 3, 2mm wide w/ Sx halos. up to 20% py+sph						
193.30 - 194.15	ANDS; mod to strong Sx; wk qz cb stkwk, several narrow qz vnlts w/ Sx halos, erratic anastomosing orientation 193.30-193.40 ANDS, olive, bleached 193.40 - 194.00 Sx ANDS 194.00 - 194.15 ANDS, olive, bleached.	ALT-S	Py+sph 15-30%.						
194.15 - 210.31	QZMZ; v. typical alt'n unit	ALT. M/S.; "brown weathering" limonite, mod seri; wk qz flooding	Py rare <1%. @198.31 qz-cb tension gash infill 198.80-199.00 low angle fract, wk qz flooding w/ assoc Sx, immediately cloud fract. 5% py+sph @200.43 narrow qz vnlt, wk Sx halo (1g only) 2mm/80°CA; also @ 200.89, 201.07. 203.92-204.02 shear, wk calcitic clay alt'n, 5cm/30°CA @206.92 qz vn 1cm/40°CA; chl+clay						
210.31	END OF HOLE								

CME

Project name: Skukum
Project #: C056C
D.D. Hole #: 97-59 (Relog)

Length (m): 190.04 — see note page 8.
Grid: UTM NAD 83
Dip: -55°
Azimuth: 180°
Core size: NQ

Contractor: Caron
Northing: 6672830.922
Easting: 484446.360
Collar Elev.: 910.

Hole survey type:
Started:
Completed:
Re. **Logged by:** TV
Date logged: 11/20/03

Depth	Dip	Azimuth

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0 - 0.61	CASING / NO CORE								
0.61 - 78.55	QZMZ; med-grained, equigranular; pink and green (coloured when fresh); v. magnetic where fresh; alteration variable	ALT - variable; localized zones of propylitic to argillic alt° around qz veins; wk lim. dotting; v. wk. bleaching / qz overprint.	Py trace <1%.						
			@ 43 qz-cb vnlt w/ 10 cm alt° halo						
			@ 206 qz-cb vnlt, 3mm / 80°CA, w/ 30cm alt° halo.						
		21.00 - 37.42 ALT - N, v. wk propylitic alt°							
			@12.25 qz-cb flooding						
@17.70 face of DIKE? xenos									
			@22.12 minor ct-qz vnlt w/ sericitic alt° selv, wk margin.						
@27.65 DIKE? xeno, ~10cm; Mineralogically looks similar to QZMZ but finer grained									
		@30.94, 31.85, 32.36; v. green ser. alt° halos around narrow qz-cb vnlts (<5mm)	P						
		32.42 - 39.26 ALT - W; incr silica, incr propylitic and K-spar overprint							
		39.26 - 39.88 ALT - S; v. bleached QZMZ pale white and green; w/ minor py	39.26 - 39.88 SHR-2; py 1-2%, minor clay on frac sets.						
		39.88 - 40.97 ALT - M; still slightly pale.							
		40.97 - 43.54 ALT - M; strong K-spar and/or hem alt° overprint of propylitic.							
		43.54 - 44.20 ALT - S/M; pale, bleached w/ clay alt° on frac planes.	43.54 - 44.20 SHR-2; @43.64 shear / fault; 1% py 50°CA @44.16 shear / fault. w/ qz vn. Ag and Sx (<5%; commonly py)						
		44.20 - 49.56 ALT - M, strong propylitic w/ hem/lim? mafic K-spar.	@45.09 clay alt° around frac.						

CME

Hole No.: 97-59

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(QFMP, cont'd)	49.56 - 79.55 ALT - W., zones of partially fresh QFMP reappear; decreased propylitic & K-spar. grade.	@ 58.90 shear w/ chalcedony 30°CA.						
		53.30 - 53.45 ALT - M/S, bleached (nil Fe).	@ 59.19 shear w/ abund seri, cb - qz. v/cm/30°CA.						
			60.17 - 61.36 "crackled" QFMP w/ infill by (fe-rich) cb + qz, minor lim alt°, hairline fracs oriented sub-// to CA; up to 2mm wide.						
			61.86 - 62.16 more cb tension gash infill vnlts; different than previous, longer, less hem.						
		65.81 - 66.06 from QFMP	Cb stockwk continues variably down hole to at least 66.60m.						
			67.37 qz - stk (?) vn. 5cm/45°CA. stk occurs along outside edge of vn w/ a wnt qz rind, both upper lower va margins sheared w/ strong clay alt°; seri alt° halo on top of vn.						
	77.30 - 79.55 Sheared QFMP (immediately above contact w/ RHYL dyke (N Marker)		77.30 - 79.55 shearing marked by narrow dk clay-seri ± sx shears (cataclasites)						
			678.25 QP-sx vn. 2.5cm/30°CA; mass white w/ minor disem asPy; probable stk; and py in w/r; upper/lower contacts/selvs. sheared w/ dk clay-seri						
			@ LC, strong shearing. 40°CA.	09026	76.20 - 77.36	1.16			
				09027	77.36 - 78.55	1.19			
78.55 - 81.24	RQFP - atypical of N. marker, more like Central, smaller qz eyes and less abundant v. pale green to off white matrix; fsp phenos indistinct.	ALT - M/W; heavily frac'd w/ clay alt° common along fracs. Seri causes pale green colour.	UC 40°CA	09028	79.55 - 79.80	1.35			
			79 - 80.52 FLT - ?	09029	79.80 - 81.24.	1.44			
			LC. 40°CA., sheared						

CME

Hole No.: 97-59

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
81.24 – 83.70	OZMZ, highly sheared; almost MYLT; numerous dk sericlay bands.	ALT- S/K; v. clay rich qz-flooding mod	Py 2-3%;	09030	81.24 – 87.71	1.47			
			@82.03 qz vn/flood ~1cm/50°CA	09031	82.71 – 84.56	1.85			
		82.40-82.70 pale, bleached OZMZ	82.40 – 82.70 py ~ 3-5% in stringers and disem patches						
	82.71 – 82.94 ANDS; sheared w/ strong cb-qz tension fill stkwk.								
83.70 – 84.56	ANDS; sheared, strong qz-cb stkwk, porphyritic w/ mod green phenos	ALT- M/S. brown lim dusting on core.	Py 2-4%, disem.						
			UC sheared 55°CA.						
	84.48 - 84.56 narrow OZMZ zone @ intermittent contact.		LC 75-80°CA.						
84.56 – 91.59	ROFP; (typical N. Marker), large distinct grey-blue glassy qz-eyes and distinct eu-subhedral fsp phenos. in tan brown RHYL matrix., to greenish matrix	ALT- W; light lim dusting on core; wk/lim alt concentrating on/near fsp phenos.	Rare py; ≤1%						
			LC 25°CA.						
91.59 – 92.02	ANDS, sheared; porphyritic, but expressed near UC. ave to sl. flooding.	ALT- S; highly bleached, qz-flooded, esp near/at UC.	UC v. silica-rich, wk sw (py) v. frac'd; some clay alt						
92.02 – 93.92.	OZMZ, sheared.	ALT-S, rich seri locally, w/ general moderate pervasive seri alt^; mod qz-flooding. lt bleaching							
93.92 – 102.90	ROFP; typical central marker; smaller & less abundant qz-eyes as North marker, ragged, sub-euhedral fsp phenos; some alt'd to clay and weathered out to form minor pits/vugs; RHYL matrix v. pale tan to buff coloured.	ALT - M; seri overprint, minor clay on fracs, some clay alt^ of fsp phenos.	V. fine disem cubic py <1%						
		@97.35 wk hem or K-spar alt^ over 20cm, wk differential bending; also @ 99m and elsewhere	@100.80 flows bending 25-30°CA.						
			@101.45 zone of 5% disem cubic py (~2cm)						

CME

Hole No.: 97-59

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
107.90 – 109.42	QZMZ, mod shearing, generally localized on shear planes - little internal ductile deformation @104.05 1cm wide / multiply offset APLT/FLDK ~20°CA	102.90 - 105.16 ALT - S; strong ser; qz-floodé; 105.16 - 105.66 ALT-X - heavy clay alt'n, v. soft core 105.66 - 109.42 ALT - S; locally v. clay alt'd, but over narrow widths or on fracs	@ 102.80 Planar dmy ~35°CA LC - 65°CA Rare py <1%. Fracs generally coated w/ clay. 105.16-105.66 SHR.Z; 3-4cm cataclasite @ 105.16 and <1cm one @ 105.40.						
109.42 - 109.82	ANDS; porph., mod-strong qz-cb stkwk. Highly sheared UC/LC;	ALT-X; v. ser. alt'd; phenos bright ser. green.	UC sheared, clayey. ~60°CA LC, sheared, gouge below contact 30°CA						
109.82 - 110.60	QZMZ, v. sheared, alt'd	ALT - S/X, qz flooded zones to v soft chl-ser zones.	@110.25 shear zone - decomposed QZMZ into flat frags (fissile)						
110.60 - 111.95	RHYL / RQFP; small (<2mm) qz eyes; (similar to Central Member) w/ minor to rare fsp phenos. Appears to have internal ductile shearing	ALT - S; v. bleached, pale green 111.08 - 111.47 Red alt'n overprint - Kspar or hem; v. clay rich.	UC sheared, ~45°CA 110.90 - 111.05 narrow sx veins, minor py. @ LC; fissile decomposed dk grey frags; probable cataclasite completely weathered.; no. orientation visible.						
111.95 – 117.25	QZMZ; sheared; w/ narrow zones of dk clay-ser: cataclasite shears. @115.05 APLT/FLDK. v-fn grained, pinkish; dyke; ~2-3cm wide @115.27 narrow ANDS "dyke" or xeno.	ALT - S/X.; locally abund clay, esp on fracs.	111.95 - 112.78 FLT.Z; broken core, lots of clay on fracs. 112.60 - 112.80 cataclastic shears <5mm; oriented sub-11 to CA. @114.70 some clay on frac/fault/shear zone. @116.62 Steep w/ yellow alt'n mineral (AS-OX?)						

CME

Hole No.: 97-59

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(QZMZ, cont'd) @ 115.37 APLT/FLDK.								
117.25 - 121.56.	RFP; fairly typical S. Meston, absence of qz eyes, sub-euhedral fsp laths to 30%. Pale green pitted/vuggy matrix	ALT-S; mod. strong seri alt'n + abund clay on fracs; core vuggy & pitted	Py <1%. @117.77 narrow sx vnlt w/ thin massive py; also on other fracs						
		119.10 - 121.16 ALT-M/S; generally more competent, less clay alt'n, no vugs or pits.							
		121.16 - 121.56 ALT-S; v. seri rich sheared, flow-banded.	@ 121.75 flowbanding ~75-30°CA @LC ~45°CA.						
121.56 - 130.96	QZMZ, sheared	ALT-S/X; v seri rich variably qz-flooded (more + soft sections with rare)	Py rare <1%.						
		126.15 - 126.65 v. altic (ALT-K) QZMZ texture obscured by seri + ductile shear fabric							
		@ 128.60 hem alt'n in fracs							
130.96 - 131.90	RQP/RQFP; pale to lt green - white <5% dk grey glassy qz-eyes; sericitized ragged fsp phenos.	ALT-S; very sericitic	Py 3-5%, disem cubes. Near LC hairline sx vnlts w/ orange alt'n (hem or goethite)						
131.90 - 133.17	QZMZ, sheared,	ALT-S, v. seri.; pale, bleached qz-flooded	Py ~1%						
133.17 - 137.26.	MYLT / QZMZ; highly sheared QZMZ w/ numerous v. dk brown/grey cataclastic shear bands up to 5cm wide throughout unit (~25-40% cataclastic shear bands) Entrained, rolled & rolled QZMZ frags - disaggregated into qz augen	ALT-K; v. clay rich, esp in matrix of cataclastites, - also rich seri in altic QZMZ frags	Py 3%; fine disem late-stage py cubes in matrix. Cataclastic shear fabric 70-25°CA.						
137.26 - 141.75	QZMZ, sheared	ALT-S; v. seri rich; locally qz-flooded/bleached.	Py <1%						

CME

Hole No.: 97-59

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	138.10 – 138.25 ANDS xcno(?) ALT-S, v. bleached; olive brown								
	139.55 – 139.90 ANDS (xcno) ALT-S (a: ozone)								
	140.20 – 140.45 ANDS (xcno) ALT-S								
			141.30 – 141.75 strong MYLT/QZMZ SHR.Z.;						
141.75 – 143.60	RHYL; mod shearing w/ intense crackle stkwk of qz-sx veins; th veins typically hairline size, but occasionally up to 5mm.	ALT- M/S; v. pale green cast due to ser. alt'n	@LC - 35°CA. Veins of stkwk w/ aspy selvs. (esp @ 143.50-143.60) Dissem cub'ic py throughout unit - 3-5%.						
143.60 – 154.90	QZMZ, sheared,	ALT X/S, v soft, v. ser'c rich; esp completely serricitized	Py 2-3%; dissem aggregates & cubes						
	146.20 – 146.70 ANDS + QZ SX VN. ANDS is highly frac'd to brx'd. QZ-SX veins w/ sph + aspy + py + spk. ~15-25% SX. ALT- S/X		@146.20 15% dissem py @ ANDS contact. @146.55 main qz-sx vn 4cm/50°CA w/ up to 60% aspy+sph; abund qz-sx leaking/flooding into ANDS above. @146.70 15-20% dissem py + aspy. in QZMZ.						
	@147.80 narrow ANDS xcno; ~5cm; 5-10% py; v. intense crackle qz-cb stkwk.								
	148.65 – 149.00 ANDS, ALT-S; v. bleached, olive colour; 5-10% py dissem.								
	150.90 – 151.05 qz-flood rx, or pass narrow RHYL dyke – white; w/ minor dissem py (1-2%)								
			@151.90 qz vn, mass wht, 1cm, w/r lith w/ 20% dissem aspy + py in bleached QZMZ						

CME

Hole No.: 97-59

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
154.90 – 155.95	ANDS; wk porphyritic, phenos qu/fe small; sericitized.	ALT – S, bleached, olive brown	@153.10 qz flooding w/ dissem aspy + py in wlr. Dissem py and aspy, variable 3-5%. @155.70 concentration of aspy @ junction of narrow fract/vnlts. @155.85 qz-Sx vn; highly sheared w/ clay selvs; vn w/ ~30-40% aspy ± stib.						
155.95 – 158.90	QZMZ, sheared	ALT – S/X v. bleached and qz-flooded; where pale (ie now "brown" weathering) Sx tend to occur.	Below vn; 10-15% py ± aspy. 156.60 – 156.90 dissem aspy + py in pale QZMZ. Aspy needles up to 1mm long; py in fine aggregates. @157.65 vnlt of 70% dissem py (~2-3cm wide)						
158.90 – 167.50	ANDS; pale olive to dk grey; porphyritic phenos sericitized to bright green * High-grade ANDS dyke 159.45 – 159.55 QZMZ "dyke" ~ 25°CA	ALT – S; qz-flooded & sericitized, locally sulphidized	Over most of length 20-40% Sx – primarily fine grained dissem aspy needles + localized py aggregates and occasional 5ph dissem w/ narrow qz-vnlts; minor cb infill @159.25 5mm qz-Sx vn ~ 80°CA w/ dissem aspy – most along selvs + into ANDS host; 5ph along vein margin. @160.30 ex example of narrow qz vnlt w/ aspy "halo" @LC bx'd; qz MZ frag; patchy Sx (aspy + py), shearing.						
		160.00 – 160.60 olive coloured ANDS; less Sx; except @ qz vnlts.							
162.50 – 190.04	QZMZ; sheared @167.92 ANDS xenol; brown alt'd w/ qz-cb vnlts.	ALT – S; v. bleached; locally v. qz-flooded; seri rich and locally abund clay.	Py 2-5% @163.35 ~ 5% py, poss aspy in 2cm x 2cm area.						

CME

Hole No.: 97-59

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(QZMZ, coarse)	163.65–164.40 complete silica replacement of QFMZ; slightly vuggy & frac'd w/ green serc on fracs. (Core v. decomposed due to sfc exposure.)	Py 2%						
	[165.95 → core more competent - end of sampling - no decomposition due to sfc exposure]	165.95 – ALT - S/M. v. sericitic; but showing to depth.	166.55–166.85 Dissem sx ~10% py dominant; several narrow qz veins.						
		168.65–169.20 zone of v. rich fsp (sericitized) pale blue-green alt°. QFMZ – 50% fsp here.	@168.34 chalcedony vein; enters/leaves core on same side. – bluish-green.						
		169.60–170.05 complete Sil. replacement of QFMZ.	@169.25 narrow sx zone, probably sulphides v. replaced hairline vein; mostly py. ~ 5mm wide.						
		@171.63 arg. alt° w/ 3–5% py	@169.80 frac w/ qz + orange/yellow alt°. probable iron						
		172.23–172.50 K-spar alt° & chalcedony vein.	@172.20 chalcedony vein.						
		173.80–174.00 Sil replacement of QFMZ	@174.95 – shear plane. ~30°CA.						
	[Note: Block error between 175.26 (575') & 176.78 (580') – no core is missing 5' or 1.52m of core. – Hole length is probably overstated by 1.52m.]	175.48–175.90 K-spar alt°	@175.17 narrow qz vein (irreg.) w/ 10% dissem py						
	Corrected by adjusting all blocks upward, – therefore new hole total depth reported and corrected in DB. – N 11/20/03		175.90–176.20 Fault/sheared w/ qz-flooding						
	Total Depth now 623.5' or 190.0tm								

CME

Hole No.: 97-59

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	176.43 – 176.91 ANDS dyke ; ALT w/M, med green ; v. small serí phenos ; slightly irreg contacts. ~20°CA.	176.43 – EOH ALT – M (QZMZ)							
	177.80 – 178.31 ANDS xeno/eukk., as above.								
	178.49 – 178.70 ANDS,								
	178.91 – 179.17 ANDS.		179.45 – 179.65 low angle to CA APLT / FLDK. ; ~ 1cm wide, v. pink, offset – w/ v. dk chl ; xeluSOMS.						
	180.53 – 181.11 ANDS ; v. bleached, somewhat atypical, with slightly coarser grain than others ; v. slight pinkish (K-spar) pervasive. Wk porphyritic texture w/ most replaced by fg.	ALT – M/S.	Base of ausb mpy @ 180.92. 5mm wide/ 30°CA. ; calcedony walls @ LC. (181.11)						
			@182.49 Qz vnlt 5mm/75°CA, w/ sericitic halo.						
	182.98 – 184.15 ANDS. porphyritic, locally bleached to olive brown colour UC – 35°CA, LC – 35°CA.	ALT – M/W.	@183.05 pink calcedony-cb vn 4cm/40°CA.						
	184.40 – 184.60 ANDS ; bleached	ALT – M.							
		186.82 – 187.78 K-spar alt^{n} w/ Sil flooding/replacement ; v. pink.							
		187.80 – 189.20 pervasive pink K-spar alt^{n} ; core v bleached "washed out" ; also still sericitic							
190.04 *	END OF HOLE (* see note page 8)								

CME

Project name: SKUKUM
Project #: CP56C
D.D. Hole #: 97-61 (Relog)

Length (m): 192.02
Grid: UTM NAD 83
Dip: -52
Azimuth: 180
Core size: NQ

Contractor: CAQON
Northing: 6672830.712
Easting: 484496.271
Collar Elev.: 902

Hole survey type:
Started:
Completed:
Logged by: TV
Date logged: 11/08/03

Depth	Dip	Azimuth

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0 - 1.02	NO CORE / CASING								
1.02 - 92.63	QZMZ, mod sheared, equigranular, pink + green, Minor MAFIC xenos. V. magnetic	ALT-W. wk chl after mafics v. wk propylitic local argillic alt'n halos around narrow qz-cb-epi veins.	v. rare py <1%						
		29-29.55 ALT-W; prop alt'n/wk arg. alt'n	@ 27.66 qz vn, chalcedonic 13mm/70°CA 5% py along selv/w/r; prop alt'n halo						
		34.40-36.80 ALT-W, propylitic	@ 36.72 qz vn 6mm/75°CA.						
	@ 44.10 AND xeno 3cm.		@ 42.94 qz vn. 12mm/75°CA; py in arg alt'n halo. 2-4%.						
			@ 50.91 shear - gouge ~ 75-80°CA, propylitic alt'n halo.						
	55.52-55.73 FLDK?, fine grained inter QZMZ. Low angle to CA.	51.60- ALT-W, propylitic, -rock show typical brown weathering on surface due to surface exposure; zones of fresh and higher alt'n.	@ 56.2 narrow qz vn 3mm/70°CA						
		60.43-60.66 ALT-M, pale, sericitic, wk qz							
		60.96-61.87. ALT-M, qz flooded, + white/green	@ 60.26 narrow sx stringer, w/ py dissem in QZMZ up to 10cm around 2% py.						
		71.20-71.80 ALT-S, clay alt'n in fmcs; qz flooding							
		@ 73.60 L-spar alt'n							

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	(QZMZ; cont'd)	77.00-79.20 ALT N/W.	@78.60. qz vn. w/ cb, prop alt'n halo 3mm/40°CA						
			80.97-82.87 SHR-2; wisp qz vn & fl wisps w/ incl SX, commonly py; and sheared kNDS dyke.	07392 07393 07394	80.97-81.76 81.76-82.30 82.30-83.82	0.79 0.54 1.52			
	81.76-82.22 ANDS; sheared, porphyritic w/ some incorporation QFMZ, cut by low angle to CA qz-cb ±SX vns & veinlets; 5% py.	@87.97, clay altn on fracs.	@81.24-81.44 FLT-2 w/ clay, poss wk SX v. soft & gouge, 50°CA.						
			@82.34 shear. 25°CA						
			@82.80 qz vn, mass wht of minor dissem stib?, poss aspy, v. fg grained 5% dissem py in wlr. vn is ~1.5cm/70°CA, other qz ± SX vn/fracs below, wk carbonate						
			@91.70 shearing w/ alt'n/clay; also @ 91.90, main ductile shear(?) at approach to RQFP below; v. rare py. ~3cm w. dk/35°CA.						
92.63-97.56	RQFP; (Norm Meeker dyke); qz eye & fsp phenos up to 7mm; qz is dk blue to light blue grey w white or brown-stn fsp; matrix is olive green; Pale green xenos? or poss altd zones — qz eyes & fsp occur w/in these xenos.	ALT-M; seri.	V. rare py, (as 1%). @ LC, frac'd, v. alt'd, ~ 60°CA						
97.56-102.75	QFMZ, wk sheeting, typically rotted by seri alt'n in fracs	ALT-M; seri	@ LC 40°CA, V. rare py (<<1%)						
		@99.78 qz flooding.							
			@102.72; shear, qz-cb inf'll, 5mm/40°CA local qz flood'g						
102.75-111.31	RQFP, (Central Meeker), Pale green to buff Flow banded zone at UC and LC. Qz eyes & fsp phenos smaller than previous RQFP	ALT-M/W	UC irregular, ~ 80°CA Flow banding 40°CA						
			@ LC. Flow banding, 50°CA						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
111.31 - 116.10.	QZMZ, fractured, rubbly fragmented, decomposed core/partial core to SPT fragments; (Possible block error w. Box 21)	ALT - S/K; high clay content, v. sericitic ALT - K 114 - 116.60	Rare py (<1%) 114.00 - 116.60 v. strong SHR. Z; crosses lith boundaries; ending @ contact of RFP. @ 114.65 Bx'd QZMZ, fine diss py (1%)						
116.10 - 116.60	INDS, highly sheared, wk intermixed QZMZ porphyritic; green sericitized fsp phenos	ALT - K.	UC completely clay alt'd, gouggy approx 40°CA						
116.60 - 121.18	RFP, (south wacke); pale green to tan coloured; primarily fsp phenos, rare qz eyes fsp ragged, up to 4mm	ALT - S							
121.18 - 126.69	QZMZ; sheared	ALT - S; seri, clay on frac sfcs. leached qz. fissile, generally bleached, 126.30 - 126.50 qz. flooded	Rare py (<1%) Minor diss'm stib(?) silver-grey metallic, v. localized (<1%), pods trace asfy.						
126.69 - 128.19	RHYL; off-white; bleached;	ALT - S, some seri.	Pyritic, 3%, diss'm cubes; Also dk blue-grey str stringers or pressure solz veins?; py + asfy(?) or stib.						
128.19 - 129.78	QZMZ, sheared	ALT-S	Py 3-5% diss'm						
129.78 - 129.90	RHYL;	ALT - S, vv seri - rich. esp @ UC (green)	Py - 1-3%.						
129.90 - 129.89	QZMZ, highly sheared to bx'd	ALT - X	Py, asfy ~ 2-5%, v. fn diss'm						
129.89 - 130.54.	RHYL,	ALT - S, v. seri rich	Py <1%						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
130.54 – 131.10.	QZMZ; highly sheared and flooded w/ qz-sx VAS;	ALT-X, seri, clay, qz-flooded	Aspy - py ~ 5%.						
131.10 – 136.60	RHYL / RHYP; pale tan. (often weathered to brown); numerous hairline to 2mm wide veins of qz + sx, (blue-gray qz) Shearing accomodated in narrow fracs; infilled a healed (?) w/ seri ± clay minerals.	ALT-S;	Aspy needles, quite large, to ~ 2-3mm. ~ 3%. Py - small dissem patches; ~ 2-3%. Also; fine dissem patches of aspy aggregates or poss sulf, <1%.						
	@136.20 narrow zone of strong ser; altic QZMZ (~7cm); w/ fine dissem py ~ 2%.		@LC RHYL BX.						
136.60 – 137.20	MYLT, w/ minor intermediate QZMZ. (~ 70cm) Dark grey, metallic lustre when wet, dominantly clay, minor py-aspy, or else exceptionally fine grained and invisible under hand lens	ALT-X							
137.20 – 139.80	QZMZ; highly sheared; w/ lesser mylonite shear bands;	ALT-X/S.							
	139.00 – 139.80 Pale, to white QFMZ: this looks like units where aspy is often very common, disseminated throughout and concentrating along grain boundaries, however, no visible aspy or py.		@139.75 qz vn frag ~ 2cm x 2cm w/ aspy						
139.80 – 140.42	MYLT / SHR. Z, v dark, highly sheared cataclasite; few entrained frags, primarily dk clay/seri ± sx	ALT-X	Fabric developed ~ 45°CA						
140.42 – 141.44	QZMZ, sheared	ALT-S/X., strong seri; Poss wk K-spar overprint bleached and silic-flooded	Rare py (<1%)						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
141.44 – 142.06	ANDS; porphyritic, bleached	ALT-S; sericitized fp phenos - qz-cb infill; some qz veining, not discontinuous - qz-flooded	Py ~ 2%; dissem						
142.06 – 143.26	QZMZ, as previous unit Several narrow qz vns & qz-flooded zone; minor py assoc w/ these zones	ALT-S; seri	Py rare (<<1%)						
143.26 – 144.15	ANDS, porphyritic – v. similar to previous unit @ 141.44-142.06	ALT-S	Py ≤ 2%.						
144.15 – 146.76m	QZMZ, sheared, crs'd	ALT-S, locally X. Qz-flooded	144.78-144.98 qz vn flooding w/ poss r.fx aspy+py @ 145.37 dissem aspy needles 145.62-145.97 Strong shearing, Mylonitic - rusticl, milled QZMZ frags/rubble.						
	narrow ANDS frag/seam @ 147.05; 7cm, highly sheared								
146.76 – 147.12	ANDS, porphy	ALT-X; highly sheared & sericitized	Py ~ 1%. @ LC mylonitic shear contact, ~ 1cm wide						
147.12 – 150.27	QZMZ, highly sheared; qz-flooding by vns numerous hairline, dk mylonitic/cataclastic shears.	ALT-X; bleached, qz-flooded, dk seri along main shear planes.	Py 1-2%; tr aspy @ 149.90 mylonite/cataclasite 2cm/60°CA						
150.27 – 151.27	MYLT/SHR.Z.; dk matrix of seri/clay/cx w/ numerous entrained QZMZ frags/augen Also w/ qz-sx vn frags - aspy, py, poss cp; Sph	ALT-X	@ 151.00 & 151.14 qz-sx vn frags w/ grey-blue qz (aspy dissem) + py, Sph.						
151.27 – 156.06	QZMZ; highly sheared & locally sulphidized	ALT S/X; strong seri	151.27 – 153 vn (approx) Py ≤ 1%						
			153.00 – 153.55 Sulphidized w/ aspy throughout QZMZ and assoc w/ qz-sx vning @ 153.46 (poss →)						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	(QZMZ, cont'd)		@153.44 qz-sx VN; ~3cm (no orientation available) 15% aspy UC of vn e. altd w/ clay & yellow orange altn mineral (As-ox?) 153.55 – 156.06 Py ≤2%,						
	@155 3-4cm ANDS xeno.	155.45 – 156.06 ALT-Y, more abund clay	@154.18 slaty bands 30°CA						
156.06 – 157.39	ANDS, pale olive green, porphyritic though texture rather obscured due to alteration	ALT-S/X, bleached and locally sulphidized where Xcut by narrow qz vns wk qz-cb stwst – this is overprinted by later qz-sx vnlts.	156.67 – 157.39 sulphidized ANDS w/ mats of arsc aspy; QZ-SX VNS common, fairly strng w/ SX concentrating in and immediately adjacent the vnlts. Py ~ 5%, Aspy 10% @157.30 qz vn w/ mass aspy along SX lvt.; vn 6-10mm/45°CA.						
157.39 – 167.03	QZMZ, aspy-rich, along w/ py & rare sph.	ALT-X/S, ISSC; bleached & qz fractured	157.39 – 160.00 common mats of aspy needles from 3% to local conc. of 15% (over ≤10cm) @158.40 narrow qz vn w/ sph. @159.10 ~ 15cm zone of 15% aspy 160.00 – 162.50 aspy decr to <1%, py ≤ 1% 162.50 – 167.03 aspy incr. to 1–3% locally; similar occurrences w/ dissem clusters or mats of arsc aspy; dissem py cubes also; SX content decrs down hole to nr aspy, 5-1% py by end of interval						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
167.03 - 168.75	ANDS, porphyritic, brown weathered out to sfc exposures	ALT-S; bleached, sericitized feld phenos (bright green)	In general py ~ 1%; except for area of high suphidation @ 167.55, 15-20% py (asPy in qz-vn (flooded ANDS)						
168.25 - 172.84	QZMZ; wk shearing.	ALT-S; v seri.	Py - patchy 2-3% Localized asPy concentrations in acic mafs, esp. @ 168.92 Assoc w/ pale QZMZ - no brown weathering (iron poor alt?) 170.40 - 172.84; Highly sheared zone w/ MYLT, QZMZ and pcls minor ANDS along w/ QP-SX VNINSh. w/ Py - asPy - Sph @ 170.92 qz-sx vn 30% asPy. @ 171.20 qz-sx vns 35-50% asPy						
		170.50 - 171.80 ALT-X.	171.50 - 171.80 (approx) MYLT SHR. Z; foliation fabric ~ 60°CA FLT_Z @ LC;						
172.84 - 175.90	ANDS; porphyritic, wk qz-cb stkwk.	ALT - S/M; wk sericitized phenos;	Series of wk diffuse bands that appear to be comprised of SX - Gen moderately py; pcls asPy. @ 174.75 qz-sx vn 12mm/45°CA, Some open spaces w/ euhedral qz growth + coarse asPy needles; sph and py also veins above, similar; 174.60; qz-sx vn/flows; w/ asPy, sph, py.	~~X~~ see left side of page - replaced 07395 07396	E85038	172.84 - 174.90 174.90 - 175.90	2.06 1.00		in DB

NOTE: Original log has sample interval as 172.84 - 175.90 - 3.06m (E85038) which probably has diluted the effect of the veins in ANDS; result (0.45g/t) Original sample markings in box suggest a break @ 174.90, but not recorded. — Therefore will be resampled as originally intended — new samples will break original into 2 samples and accurate result.

CME

Hole No.: 97-61

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(ANDS, cont'd)								
	174.80 - 175.03 QZMZ xeno. - ALT-S.								
	175.03 → 175.90 Typical olive-brown alt'd ANDS w/ green seri-rich phenos. ALT - S/M.								
175.90 – 192.02	QZMZ;	ALT-S; decreasing seri prop. w/ alt'd appearing	Py - 5 I To						
		Chalcedonic qz veins show up in QZMZ as transition infill vns.	@176.70 qz flooding w/ Pf stringer						
	155.63 – 181.20 FELS present in QZMZ, pnk, fine grained;	qg @ 182.26, 182.95, 189.04, 182.66, 190.14	@178.00 narrow wht qz vnlts.						
			@180.40 qz vn 6mm/60°CA w/ multiple offsets; Py dissem along selv & into wlr.						
		Inter clay alt'n in QZMZ from 189.90 - EOH;	@186.30 series of qz-cb shear vns w/ qg alt'n						
192.02	END OF HOLE								

CME

G 97-62

Project name: Skukum	Total Depth (m): 161.54	Contractor: Canyon	Hole survey type: Acid T		Depth	Dip	Azimuth
Project # : CP56C	Grid: UTM NAD83	Northing: 6728830.712	Started:		91.44	-34°	
D.D. Hole #: G 97-62	Dip: -39°	Easting: 484496.271	Completed:		156.97	-32	
	Azimuth: 180	Collar Elev.: 902	Logged by: BCW				
	Core size: NQ		Date logged: Oct 03				

Scale	From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	0 - 22.25	QZMZ ALT - M MS CL mafics → CL. HE appears toward BTM - D PF → MS. CB - N, PY - N short sections w KF ALT bleaching. short sections CY ALT FRC related. FRC density - L. Qz & KF alt assoc. ENV phenomena. MG present. subtly PPRY - KF	MS - M CL HE.	PY - N						
	22.25 - 24.33	QZMZ ALT - M mafics → CL, PF → MS. modest HE assoc w mafic sites. KF & silica additions - bleaching Rare FRC ENV w LI dust on PF Qz fill. PPRY	MS - M.							
	24.33 - 26.38	QZMZ ALT - M Dense microFRC marked by Red BRN LI. After HE FRC ENV some. KF ALT on few FRC soft → MS. matrix PF → MS. HE after mafics followed by LI. Red BRN w appearance.	MS - M. HE - M. CL ENVs							

G97-62

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	1 slip @ milled Rx & CY.								
20.38 - 47.5	QZ MZ - ALT - M. PPRY uniform @ KF. PF → MS. Matics → CL Low FRC density. some w MS ENV Limonitic. Q2, Q2C3 fill in v few. MG present	MS - M	PY - N						
47.5 - 56.51	QZ MZ ALT - H PPRY. Bleached section. FRC related ENVs. intensity increase w proximity FRC. KF & QZ additions. Loss of matics. HE - D and LI following. LT Red BRN w appearance. PY - D <1% MG - N. / fresh short interval. FRC density L. micro FRC density - M.	MS - M QZ KF	PY - D <1% PY FRC VLT - L.						
56.51 - 56.62	FLT 50° aa. CY, milled Rx. Bleached. Silica replacement. PY masses		PY						

G 97-62

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
56.62 -59.92	QZMZ ALT - H PPRY Bleached ENV's. QZ KF additions. mafics 10% HE -> LI remain D & FRC films. Light BRN W appearance Pyrite. FRC assoc. 1QZ VLT 65° ca. 1.5cm at BTM. 2% PY.	MS-H	PY-L	8079	59.1-60.5	1.4			
59.92 - 61.18	QZMZ ALT - M Fresher. 1 ENV assoc W QZ VLT 25° ca. PY-N. MG present PPRY	MS-M	PY-N	8080	60.5-61.7	1.2m			
61.18 - 61.7	QZMZ ALT - H. Bleached Mafics -> HE, QZ. PF -> MS KF fresh. HE-D. interval is ENV to 0.08 cm QZ VLT at 60° ca. GY QZ W AS anternal & PY at flanks. LT BRN W appearance.	MS-H	AS-L PY-L						
61.7 - 62.38	QZMZ ALT - M. MG present mafics present. PF -> MS PY-N.	MS-M							
62.38 - 63.1	QZMZ ALT - H. Bleached LT BRN W appearance. ENV to several FRC.								

G 97-62

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	FRC marked by barren QZ and MS bands. Mafics mostly gone. HE-D								
63.1 – 64.0	QZMZ ALT-M MS-M PF → MS partly. KF fresh. PPRY. Mafics present. HE-D-L. MG present	MS-M	PY-N						
64.0 – 66.06	QZMZ ALT-H. MS-H QZ ALT. Bleached. LT BRN w appearance, Multiple FRC micro FRC density-M. QZVLT 2mm-10mm, Epow m. 65° ca As & PY. PY ENV. CY film on FRC.	MS-H. QZ	AS w QZVLT PY w QZ VLT PY-D-2-3%	8081 8082 8083 8084	64.0-65.0 65.0 66.0 66.0-68.0 68.0-70.09	1.0 1.0 2.0 2.09			
66.06 – 66.77	QZMZ ALT-X CY & MS Sheared w G planes, CY ENV. Mafics gone HE-N PY-N	CY-H MS-X	PY-N						
66.77 69.77	QZMZ ALT-H PPRY LT BRN w appearance after LI dust ~~after~~ HE. Mafics gone. MG-N. addit. mod Silica of QZ sites. FRC density-L. Micro FRC-L PY-D 1%	MS-H QZ							
69.77 – 70.0	QZ VLT FRC Fill & QZ overprint PY-5%.	X	PY-H.						

CME

G97-62

Hole No.: _____

Scale	From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	70.0 – 70.09	QZMZ ALT-H. Bleached. BRN Wappearance PY-L. MS bands with SHR.	MS-H	PY-L	8085	70.09–70.65	0.56			
	70.09 – 70.27	SHR. massive MS with 20% segregated QZ. TR PY	MS-X	TR PY						
	70.27 – 70.65	QZVZ. multiple VLT 60°-70° ca. QZ Fill in FRC & overprint QZMZ. 1 Black SX band w QZ 2cm MS-X.		Py 2-3%. AS-N						
	70.65 – 72.9	QZMZ ALT-H MS-H. mafics gone. HE gone. LE stain/dust. BRN w appearance. PF-MS MF → MS partial. PY 1-2% FRC density -L. Micro FRC density L	MS-H.	Py 1-2%	8086	70.65-72.9	2.25			
	72.9 – 76.2	QFPP ALT-L MS-L Both CNTs more intense MS. & clasts. Rip-ups. PY-L. Xenoliths earlier RHYL PPRY. & PF & MF.	MS-L	PY-L						
	76.2 – 77.15	QZMZ ALT-X MS-X BRN Wappearance w LL	MS-X							

CME

Hole No.: _____

Scale	From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
		dusting on altered feldspars PY-L. Qz gash fill near top. proto fabric near top. Diffuse MS bands lower. Mafics almost gone at Top grad to gone.	MS-X	PY-L.	8087	75.66 – 77.15				
	77.15 – 82.23	RLPP ALT - M. MS-M Buff GRNish varying to Pink. PY 1.5%. ME -> LI dusting on feldspars MS increasing down, PY up section. vesicles increase down. MS-X dtLCNT 200ca.	MS-M	PY 1.5%.						
	82.23 – 84.45.	QZMZ ALT - M. MS-M Mafics gone. DK BRN appearance from ME -> LI, LI Red DK BRN variety. marks, dusting and FRC SHR/ edges. PY toward Top Lower 60% rubble broken core. CYALT?	MS-M.	PY-L.	8088 8089	81.9 – 83.1 83.1 – 84.45				
	84.45 – 86.7	QZMZ ALT - X grad down M -> X MS ALT. frequent narrow SHRs with MS planes and CYALT	MS-X							

CME

G97-62.

Hole No.: _____

Scale	From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
		1 MS SHR DK w SX TR AS. MicroFRC density -L.		PY -L AS rare.	8090	84.45 – 86.7				
	86.7 – 87.36	DMGZ. late RHYL on CNT SHR. Resheared CY+MS. -X	CY-X MS-X		8091	86.7 – 87.36				
	87.36 – 89.4	RFPP ALT K DF, K KF. ALT -L MS-L. NE stain on MicroFRC density -L. K have LI dusting after HE.	MS -L							
	89.4 – 89.49	FLT 60° ca ground, milled CY ALT Rx.								
	89.49 – 90.17	QZ V, QZ Z. MS ALT -X silica overprint assoc w structure 75° ca. SX -L. TR PY	MS -X QZ -X	TR PY.	8092	89.27 – 90.42				
	90.17 – 90.6	ANDS ALT -L MS intense microFrc. chloritic.	MS -L		8093	90.42 – 91.8				
	90.6 – 91.8	QZ Z. overprint on ANDS then QZ MZ MS in thin SHR bands LI dust at crystal edges & FRC. matics gone. HE-D present	QZ -H.							

CME

G97-62

Hole No.: _____

Scale	From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	91.8 – 94.19	QZMZ ALT – H. MS – H. QZ ALT. mafics gone remnant HE-D. Addition of silica at QZ sites. PF – MS KF partial PY – N. FRC – M marked by MS, minor CB. 2w milled R, & CY. PPRY			8094	91.8 – 94.19	2.39			
	94.19 94.76	SHR 60 – 70° ca multi planes. MS + CY – X milled RX.	MS – X CY – X							
					8095	94.19 – 95.82	1.63			
	94.76 – 95.82	QZMZ ALT H PPRY PF → MS KF partial. mafics gone. LI dust on FRC, at xtl edges. BRN W appearance. PY – N. HE-D-W.	MS – H.							
					8096	95.82 – 97.18	1.36			
	95.82 98.45.	QZMZ ALT – H. MS – H Silica overprint intermittent thru intervals mafics gone. HE – N LI dust & KF, at xtl edge along micro FRC. Bleached LT BRN W appearance. Shearing and fractional adjustments marked w MS frequent.	MS – H QZ – H.		8097	97.18 – 98.45	1.27			

CME

G97-62

Hole No.: _____

Scale	From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	98.45 – 102.05	QZMZ ALT – H MS-H. BRN w appearance from LI dusting at FRC & xtl edges. MS marks shearing PY local only – L	MS – H.	PY – L.						
	102.05 – 104.33	QZMZ ALT – X MS – X regular frequent BLK mylonitic bands. PY assoc.	MS – X	Tr PY Tr AS.	8098 8099	101.33 – 102.05 104.33 – 106.44	0.72 2.11			
	104.33 – 110.14	QZMZ ALT – X. MS-X. Qz overprint – X localized MS tendency to mass w tensional FRC. Texture of QZMZ ghosted toward center. Shears narrow and mylonitic SHRS w CY toward BTM. 2-3cm PY – L	MS – X local QZ – X	PY – L						
	110.14 – 111.27	ANDS ALT – H MS – H soft, FRC density – M Some QZ kill. AS occurs locally.	MS – H	4% PY AS – TR						
	111.27 – 114.3	QZMZ PRPY ALT – X MS – X. LT BRN w appearance w LI dusting on feldspar sites. FRC density – L MS segregated	MS – X							

CME

G 97-62.

Hole No.: _____

Scale	From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
		on slips/narrow SHR Py variable 1 - 4% TR AS.		Py - 2%						
	114.3 – 114.5	ANDS ALT - H. MS-H Py - 5%	MS - H.	Py 5%						
	114.5 - 119.22	QZMZ PPRY ALT - X MS-X matics gone; HE gone. WI dust on altered feldspars gives LT TERN W appearance Py very 0. - 2%	MS - X	AS TR. Py - L						
	118.22 – 124.18	ANDS PPRY ALT – H. MS-N. Groundmass & K. QZVLT largely assimilated ANDS few Few vw QZ STWK. AS assoc. AS also D-W. Py 6 — 0.5%. Py - D & wsspc w QZ.	H	Py 2% AS 0.5%						
	124.18 – 124.3	QZMZ ALT – X	MS - X	Py 2%						
	124.3 – 124.77	ANDS ALT - H Gashes and vw STWK. AS needles	MS - H.	Py 2% AS - 0.2 %						
	124.77 – 125.0	QZMZ ALT – X	MS - X	Py - L						

CME

G97-62

Hole No.: _____

Scale	From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	125.0 – 125.42	ANDS. ALT – H. MS & QZ – H. STWK QZ discontinuous, wispy QZ filled tensional gashes.	MS – H. QZ	Py 1%.						
	125.42 – 125.87	QZMZ PPRY ALT – X Py local – D	MS – X	Py – L.						
	125.87 – 126.08	ANDS ALT Py – L. STWK & Gashes QZ.	MS – H.	Py – L						
	126.08 – 126.2	QZMZ ALT – X.	MS – X							
	126.2 – 126.32	ANDS ALT – H. STWK QZ Py localized – L	MS – H	Py – L.						
	126.32 – 126.57	QZMZ PPRY ALT – X. MS – X.	MS – X							
	126.57 – 127.6	ANDS ALT – H. MS – H. Gashes, STWK & silica flood. AS assoc in silicification. AS needles Py – L.		AS – 0.7% Py – L.						
	127.6 – 128.7	QZMZ ALT – X MS – X uniform. LI dust on feldspars, on w microFRC traces. Py – L	MS – X	Py – L						
	128.7 – 129.95	ANDS PPRY ALT – H. Gash, STWK and stringer CB – VL. QZ	MS – H QZ – H	Py 1%.						

CME

G 97-62

Hole No.: _____

Scale	From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	129.95 – 130.25	QZMZ PPRY- ALT-X matic sgans, NE gone. ⊂I dust on former feldspars. Py local patches. W fabric marked by MS.	MS-X	Py – 1%.						
	130.25 – 130.56	ANDS ALT. STWK Gash, stringer QZ CR-2. Py <1%	MS-X	Py <1%						
	130.56 – 130.6	FLT G, CY, MS ALT Groundy, milled.	MS-X	Py-L.						
	130.6 – 131.3	QZMZ ALT-X. MS-X Pale GRN. soft. FRC-L Py <0.5%	MS-X	Py <0.5%.						
	131.3 – 131.82	ANDS ALT MS-X Gash, STWK stringer QZ. Py-L	MS-X	Py-L						
	131.82 – 132.1	QZMZ ALT-X Py-L	MS-X	Py-L						
	132.1 – 132.98	ANDS ALT-X. Gash. STWK stringer QZ Py-L localized with silicification.	MS-X QZ							
	132.98 – 133.68	QZMZ. ALT Py-L Py localized patches w 4% Te AS assoc.	MS-X	Py-L						

CME

G 97-62

Hole No.: _____

Scale	From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	133.65 – 134.15	ANDS ALT – H MS Gash w STWK stringers Qz. PY – 1% TR AS	MS – H.	PY 1% AS TR.						
	134.15 – 136.4	QZMZ. ALT – X Pale GRN w LT dusting on feldspars. Red BRN & LT BRN yields BRN w appearance. PY local w silicification 135.7 narrow ANDS DYK	MS – X	PY – L.						
	136.4 – 137.09	ANDS. ALT – H. chloritic & MS ALT v w Qz emplacement on FRC. PY assoc. PY – D also.	MS – H.	PY 2% .						
	137.09 – 138.96	QZMZ ALT – X Pale GRN. PY localized w silicification – D FRC – W	MS – X	PY 1% .						
	138.96 – 139.25	ANDS ALT – H PY 1.5% preference to MS seams STWK – W	MS – H.	PY 1.5% .						
	139.25 – 139.32	QZMZ	MS – X							
	139.32 – 139.36	ANDS ALT – H. PY – 3% . Qz Gash v w hairline Qz. Some PY oxidized	MS – H.	PY – 3% .						

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CME

G97-62

Hole No.: _____

Scale	From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	139.36 – 140.4	QZMZ PRPY ALT – X reddy BRN w appearance LI dusting. Rare D HE. PY-L	MS – Y	PY – L.						
	140.4 – 141.08	ANDS. ALT – N. Dense STWK QZ. CB-L PY-D & QZ assoc. AS needles – D	MS – H	PY – 1.5% AS – TR.						
	141.08 – 143.08	QZMZ ALT – X MS – X. Pale green pale green segregations PY – L	MS – X	PY – L.						
	143.09 – 144.5	QZMZ ALT – X MS – X Pale green MS pale green segregations 4 dark MS mylonitic bands totaling 0.68m ± AS near BTM CNT in mylonitic Rx. PY varies 6 -> 0.2%	MS – X	PY 1% AS						
	144.5 – 150.3	QZMZ. ALT – N. HE – D present. PY ~ 1% AS TR assoc w silicification local. FRC density – L micro FRC – same. PY decrease down but 2% near FLT.	MS – H.	PY 0.5%	8100	144.5 – 146.03	1.53			
	150.3 – 150.68	FLT G, milled Rx 50° ca FRC sub // ca CY ALT	MS – H CY							

CME

G97-62

Hole No.: _____

Scale	From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
		MS bands. leached.								
	150.68 – 151.61	QZMZ ALT – M PPRY pale GRN. mo Hlc pale GRN MS at PF sites. PY – 4% AS TR – D PY cubes partly oxidized.	MS – M.	PY – 4% AS.	9951 9952	150.3 – 150.68 150.68 – 151.58	0.38 0.9			
	151.61 – 151.65	QZV 60°ca, white vein QZ w masses SB. PY – D. assimilated QZMZ Frags	QZ	SB PY	9953	151.58 – 151.78	0.20			
	151.65 – 151.78	QZ Z. Silicified ANDS PY 12% AS 3%? Black purple masses HE?								
	151.78 – 152.13	QZMZ ALT – M MS – M LT BRN w appearance From LI dusting feldspars PY – 1%. HE – M SHR plane // to above. Thin silicified ANDS band.	MS – M.	PY 1%	9954	151.78 – 152.14	0.66			
	152.13 153.94	ANDS ALT – M. OK GY GRN & LT YL GRN GY ALT Feature – Bleach PY 15% at Top grad to 0.2% AS – N. stringers w STWK all QZ	MS – M	PY 3%.						

CME

G97-62

Hole No.: _____

Scale	From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	153.94 – 154.66	QZMZ PPRY ALT – M Hard. PF pale green. PY – VL. LI dust on FRC & LF x/ts yielding Yellow BRN Wapparance HE – D. Mafics → CL some → HE.	MS – M							
	154.66 – 155.2	ANDS PPRY ALT – W–M MS after PF. PF K. BLK color. PY – N	MS – W CL							
	155.2 – 156.2	QZMZ ALT L grading to M. Fresh grading down to ENV effect of ALT ANDS beneath. Mafics disappear. MG disappears ENV ALT. LT yellow BRN vs mid GY color. Bleach PY – N	MS – L	PY – N						
	156.2 – 156.62	ANDS ALT – M PPRY Dull mid GRN GY PY 0.5% HE – D MS after PF K.	MS – M	PY – 0.5%						
	156.62 – 156.97	QZMZ ALT – H Bleached MS – H. PF to MS mafics gone Some → HE. PY – L	MS – H	PY – L						
	156.97 – 157.08	ANDS PPRY MS – H PY – N. chill? lower CNT	MS – H	PY – N						

CME

G97-62

Hole No.: _____

Scale	From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	157.08	QZMZ ALT MS grad decreasing down but in steps. Leaves recurring Bleaching. Yellow tt BRN W appearance to bleach Z. FRC density L KF VLTS. Matics almost gone in bleach Z leaving ME-D. PY-N Fresher sections MG present hornf matics	MS M-L.	PY-N.						
	161.58	T.D.								

CME

Reprocess Log.

G97-63

Project name: Goddell
Project #: CPS6C
D.D. Hole #: G97-63

Length (m): 174.65
Grid: UTM NAD 83
Dip: -42°
Azimuth: 180°
Core size: NQ

Contractor: Caron
Northing: 6672830.549
Easting: 484535.090
Collar Elev.: 897.

Hole survey type: Acid Tube
Started:
Completed:
Logged by: BCW
Date logged:

Depth	Dip	Azimuth
82.3	-33	
172.2	-36.5	

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0 - 14.4	QZMZ generally massive ALT MS, CL - M. cut by MS fabric zones by QZ, QZCB VLTS often MS zone ENV on QZ VLTS 60-70° ca. MG present, PY-N. Rare inclusions RG intermediate V?. Pink coloration from HF.	MS - M accompanying CL after mafics. QZ, QZ CB VLTS at FRC and slip locations, MS ENV w fabric.							
14.4 - 14.44	RHYL DYK buff, green ish Flow banded.	W							
14.44 - 15.1	QZMZ generally massive ALT MS, CL - M. MG present. QZ VLTS w ENVS 40, 70° ca	MS, CL - M QZ VLT PLUS adjacent silicification MS fabric ENV also PY-N. TR HE							
15.1 - 15.3	QZ VLTS, silicification. Bleached. 40°, 70° ca	Silica. H							

G 97-63

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
15.3 – 16.33	QZMZ ALT-M								
16.33 – 16.76	QZMZ ALT – H Bleached, microFRC, BRN W after HE PY-N	MS-H HE, QZ w micro Fracturing.							
16.76 – 17.39	QZMZ ALT – M								
17.39 – 18.33	Narrow FLT w G, CB and Bleached microfractured ENV. BRN W after HE dust	HE, QZ, CB, CY		8014	17.39 – 18.33	0.94			
18.33 – 18.98	QZMZ ALT – M	X							
18.98 – 19.5	Bleached, microFRC, BRN W after HE dust. hairlines, QZ VLT MS bands	QZ, HE, MS.							
19.5 – 23.7	QZMZ ALT – M massive, pinkish Bands fabric MS occas intermed Vol inclusions, Rd	MS							
23.7 23.87	Bleach zone, ENV around QZ VLT 70° ca	QZ – H							

G97-63

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
23.87 - 26.07	QZMZ ALT - M MG present	MS - M							
26.07 - 26.75	Bleached zone ENV about narrow FLT plane in G, CB 60°ca & // MS platy FRCS.	QZ, MS, CY H							
26.75 - 28.40	QZMZ ALT - M								
28.40 - 30.67	QZMZ ALT - M. Highly fractured network. 20, 30, 60° ca most hairlines mark by LI after HE. Few QZ CB, HE, LI 45mm. MG absent	MS, HE, QZ-CB							
30.67 - 39.74	QZMZ ALT - M MG Present.	MS - M							
39.74 - 40.13	Bleached QZMZ ENV about QZ VLT fill FRC 65-70°ca Mafics partially destroyed MG absent	QZ, KF							
40.13 - 42.85	QZMZ ALT - M Several bleached narrow ENV on QZ VLTs 2mm	MS							
42.85 - 45.9	QZMZ ALT - M. feldspars to MS. Mafics to HE LI after HE.	MS, HE.							

G97-63

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	very dense micro FRCS. very Fg. Py-D. Hairline & rare QZ VLT at 40°ca. BRN W appearance								
45.9 – 51.2	QZMZ ALT-M few narrow bleach ENV MG present.	MS							
51.2 – 54.7	Bleached QZMZ occurring in intermittent frequent ENV. 60-70°ca. Grad to QZMZ-ALT-M. ENV on narrow FLT, QZ VLTS and MS fabric planes.	H MS, QZ, cy on FLT							
54.7 – 72.24	QZMZ ALT-M MG present ✓ few VLT & bleach ENV. Inclusions intermed vol.	MS.							
72.24 – 76.15	Bleached QZMZ ALT-H Mafics → HE - LI to HCW to BRN W appearance. Silica replacement & QZ VLTS on some FRC. 55-65°ca PY assoc & proximal silica.	MS-H.		8015 8016	72.24 – 74.68 74.68 – 76.15	2.44 1.47			
76.15 – 76.53	QZMZ ALT-H. ALT intensity increased. Bleaching PY-U. Silicification								

G97-C3

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	local. QZ VLT 2mm 60°ca. MG absent. Mafics absent HE and LI. BRN W appearance.	MS, QZ HE							
76.53 – 77.05	FLT Z. Several planes 60° ca main brecciated, milled CY ALT and G.	CY, X MS							
77.05 – 78.67	QZMZ ALT – H BRN W appearance. Bleached intensely FRC, micro crackle PY-N. MG-N	MS							
78.67 – 78.8	FLT Z 45°ca + ERXX, QZ VLTS G, CY ALT. Minor PY.	CY, MS – X							
78.8 – 81.35	QZMZ ALT-H feldspar → MS Mafics → HE. dense micro FRC with LI. BRN W appearance MG-N PY-N	MS							
81.35 – 81.49	SHR Z. 40° CA marked by MS fabric planes – dark minor CY, CB. PY 1 – 3%.	MS, X CY PY	PY						
81.49 – 85.28	QZMZ ALT. MS-H. HE PY <1% local. D.	MS, HE, CB	PY						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	CB-W. HE dusting after mafics → LI. BRN W appearance MG-N. FRC density L 45, 70° ca. Rare dark MS bands Fabric.			8021	80.77-82.30	1.53			
85.28-87.93	QZMZ ALT -H. varying from pale GRN to Red BRN W appearance - LI after HE dusting and HE on micro FRC. PY-L CB-L. MG absent.	MS, HE	PY-L.	8022	87.93-89.94	2.01			
87.93-89.94	SNR QZMZ. Broken Core, G, milled zones CY ALT local. CB in crystals. PY-L 60°-70° ca on Planes. PY-L.	MS, CY, CB	PY-L.						
89.94-90.35	RHYL. Qz eye PPRY. Qz K 42mm Rd. PY-Rare. Soft MS ALT W	MS.-W	PY-L.						
90.35-91.67	QZMS ALT -H. BRN W appearance: LI after HE after mafics. Dusted	MS, HE							

G 97-63

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	HE & along micro FRC. Shearing planes marked by MS bands. MG absent Py - rare. CB - L. Shearing 35°, 50, 65° ca. BTM CNT 50° MS - X micro FRC - M.	MS, HE,							
91.67 - 94.11	RHYL QFPP. Qz eyes & eroded KF-K. 1-2 mm - Flow banded 45° ca. Hard Qz filled hairlines rare, Py - N. BTM CNT 65° ca shearing.	W							
94.11 - 96.36.	QZMZ ALT - M. Few FRC healed w Qz.	MS							
96.36 - 99.62	Broad FLT Z in QZMZ - ALT. 50, 70° ca Qz, CB Fill in CY ALT, MS ALT planes. Some G. Micro FRC assoc. Intermittent narrow planes. CB w CY. Py v. rare. BRN W appearance w LI after HE.	MS, CY, CB - M		8023 8024	96.36 - 97.56 97.56 - 99.62	1.20 2.06			
99.62 - 104.5	QZMZ ALT - M. Low density FRC. BRN W appearance								

G 97-63

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	with LI dusting after HE. HE - D also. MG - N. PY-N								
104.5 - 107.19	QZMZ ALT. H-X. Frequent slips, shears, narrow ū CY ALT, MS bands, 30, 40, 50°ca PY - N.	MS, CY local CB assoc ū CY.							
				8025	104.50 - 105.53	1.03			
107.19 108.52	RHYL. QFPP. Qz eyes. ~~Mod~~ KF K, PY - L - D. MS ALT in shear planes.	MS - L		8026	105.53 - 107.19	1.66			
108.52 110.1	QZMZ ALT - X. Sheared DK color general ū ≠ MS particularly near SHR planes Mid interval silicified. PY - L	MS, QZ, CB							
110.1 - 121.2	RHYL. massive. Buff ū GRNish pigment. MS ALT Dark bands mark FRC ū low density 25, 45°ca PY in & assoc ū bands PY - D. 1-2% AS? Grades down to Flow Banded. Brown speckled LI.	MS. - M	PY - 1-2% AS?	8027	112.25 - 113.82	1.57			
				8028	113.82 - 115.92	2.0			

G 97-63

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
121.2 – 125.7	HLBX - Mylonite. MS ALT. Sheared locally. clasts QZ, KF, PF. KF often rims QZ. Milled appearance in rhyolitic matrix. DK color ✓ DK toward BTM.	MS – H CB – L	Py 5% TR SL GL, TR As?	8029	120.42 - 121.9	1.48			
125.7 – 145.3	DACT PPRY. feldspar K. Py 1-3% MS ALT. Strong tensional QZ VLT & Gashes 40-60° ca. Density increasing toward BTM. MS GRN speckled. Burgandy colored ENV forward BTM, ENV selective on FRC. HE → LI dusting Lower CNT area sheared 30° ca.	MS – H CB – L Tensional FRC.	Py 1-3% As? TR.	8030	141.1 – 143.29	2.19			
				8031	143.29 – 145.3	2.01			
				8032	145.3 – 146.66	1.36			
145.3 145.86	QZMZ ALT – X. MS – X FLT & FRC W CY ALT. Py 2-7%	MS - X CY - H	Py 2-7%						
145.86 – 146.12	DACT PPRY ALT – H – MS								

G 97-63

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
146.13 – 146.3	QZMZ ALT-X MS-X PRN w appearance with LI dust after HE.								
146.3 – 146.66	DACT PPRY ALT-H.								
146.66 – 151.45	QZMZ ALT-H MS-H. Mafics gone. MG-N. 2% PY-D. GRN speckled MS after PF. FRE density L marked by QZ VLT & MS bands.	MS-H. CB-L	PY 2%.	8033	150 – 151.85	1.85			
151.45 – 155.1	DACT PPRY ALT-H. Pale GRN Speckled w MS. K eroded. KF. PY 1%. Infrequent VLT & Gashes. 35°, 55°, 60°ca Inclusions QZMZ planar at 50-60°ca.	MS-H CB-L	PY 1%	8034	151.85-153.92	2.07			
155.1 – 156.5	QZMZ ALT-X MS-Y Pale GRN color. Sub foliated. to platy MS banding at lower CNT.	MS-X							
156.5 – 156.85	QZV/FLT zone. Banded FRE QZ carrying PY, SB, MS. Sheared, broken & developed.	X							

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
156.95-161.58	QZMZ ALT - X. Pale GRN colour, Soft. Frequent DK FRC most with SX. PY, AS, SB.	MS-X	PY -2% TR SB, AS	8035	161.58-163.5	1.92			
161.58-170.93	QZMZ ALT-H MS-H Broken Sections with minor CY on surfaces 40-50° CA. Few Gashes W QZ. CB assoc W CY Pale greeny pink buff colour. PY-L. HE. micro FRC dense fine. Pinkish KF survives some. ALT less near ETIM; beginning to color as ENV	MS-H CY, CB HE.	PY-L	8036	163.5-164.63	1.13			
170.93-174.69	QZMZ ALT MS-M. DK color broken by ENV MS ALT about FRC occurring often ME-Present in fresher RX 174.69 EOH.	MS-M	MG Present. PY-L.						
	NOTE: Hole passed thru ALT to Hw fresher RX.								

CME

Reprocess Log.

G97-64

Project name: Goddell
Project #: Reprocess
D.D. Hole #: G-97-64

Length (m): 189.10m
Grid: UTM NAD 83
Dip: -47, -42.5, -41.5
Azimuth: 180°
Core size: NQ

Contractor: Cavamin
Northing: 6672830.549
Easting: 484535.090
Collar Elev.: 890

Hole survey type: Acid
Started:
Completed:
Logged by: BCW
Date logged: Oct 4/02

Depth	Dip	Azimuth

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0. – 81.94	QZ MI ALT - M. MS & CL CB - W. Feldspars = MS pale GRN. Pinkish HF MG present Rounded intermediate VOL inclusions rare. 19.6 - 21.3m SHRZ. Shattered bleached. MS ALT - M. hairline MS bands QZ VLT 22° ca. 25m MG present. 26.8 - 27.8m Bleached, FRC w BNV 75° ca ENV silicified. 29.93 - 30.28 Bleached as prior interval. QZ 41.4 - 42.25' Bleached as prior MS, QZ ALT BRN W TR PY in QZ VLT 41.79 - 41.92 FRC, milled recemented QZ, QZ VLT	MS ALT increasing down hole. BRN W/supergene ALT some sections. irreg but Frequent FRC. Fill CB, CBQZ to QZ. Most w/ ALT ENV PY rare. 11, 35°, 50°, 70°, CB common density increasing down marginally.								

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From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	49. MG present	45.29-47.4 Bleached, BRN W MS, QZ ALT. FRC 25°, 30° CA. LI fill. MG-N							
		50.6 - 54.6 Bleached BRN W. Soft. MS, QZ ALT. Hairlines, FRC 80° ca sub //. QZ & silica fill. SX-N.		8001	50.6 - 52.6	2.0			
	65.5 MG Present			8002	52.6 54.7	2.1			
		56.83 - 57.45 Beach MS, QZ ALT. Core QZ VLT, BRN W Stain. Silica overprint on MONZ							
		58.0 - 58.74 Same QZ VLT core. ENV MS QZ ALT. Bleached							
		61.9 - 62.0 Same. ENV							
		63.0 63.2 Same. ENV ALT MS, QZ. Bleached. BRN W							
		68.25 - 68.65 Bleached MS, QZ ALT ENV. QZ VLTS core 60° CA. ≠ PY. BRN W							
	70.0 MG Present	70.32 - 71.1 Bleached. MS, QZ ALT. Minor QZ VLT 30° ca. PY-N. Shattered							
		74.5 - 74.87 Bleached. MS. QZ ALT. QZ VLT ENV 30° CA. Gash. BRN W							

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From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
		75.63 - 78.0 Bleached. MS, QZ ALT. Shattered hairlines branching QZ VLTS 2-4mm BRN W.							
		78.45 - 81.4 Bleached. BRN W. MS QZ ALT — ENV. QZV, G. CB-W 78.5 78.61 79.95 - 80.28 60 - 80° ca Minor PY assoc		8003	78.45 - 80.28	1.83			
81.94 - 93.37	QZMZ ALT - H grading to X BRN W. Frequent hairlines. Frequent VLT. Shattered. 45°, 70°, 11 ca. Open Space Fill Qz, tensional. Base of intervals fabric MS lineations from SHR at 45° c.a. Sheared CNT. Platy MS at 55° ca.	87.83 - 88.17 MS, CY, QZ ALT - X Shear. CB-W. 70° ca. PY-L 88.36 - 89.0 MS, CY, QZ ALT - X, SHR. PY-L. CB-L. 70° CA. 90.0 90.65 SHR. 75° ca Shatter. CY ALT. G Soft. PY-L 91.2 - 91.75 SHR. 40° & 60° ca Shatter. CY ALT. G Soft. CB-L. Silicification.						
93.37 - 94.51	QFPP. RHYL composition. QZ EYE 1-2mm, KF 1-4mm PY-N. Hard.								

697-64

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
94.51 – 95.58	QZMZ ALT MS-H, CL. QZ BRN W. Pale GRN. Intensely Shattered. QZ Seal. Silicified. Hard PY-N.								
95.58 – 96.01	QEPP. RHYL composition. Hard. Shattered. QZ healed.								
96.01 – 97.54	QZMZ ALT MS-H, CL. QZ. BRN W. Pale GRN. Intensely micro Shattered Silica heal.								
97.54 – 97.0	QZMZ BRXX. Rd frags MONZ in milled Silica cement. Minor PY. Hydraulic?	CY – M – X MS – X silica-W CB with shearing PY in BRXX							
97.0 – 98.6	HLBX. RHYL, MONZ, QEPP rounded frags. 1–10cm Matrix: QEPP. Matrix carries 1% PY.								
98.6 – 98.84	CY ALT-X. QZMZ. SHR. CB seams & interstitial. Soft.								
98.84 – 104.90	QFPP. Pale green. Hard. Qz Eyes. K HF eroded. To PY. J but not Shattered.								

G97-64

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	CNT Rehealed SHR. intense MS ALT w QZ PY dark bands at 25° ca. inclusions HLBX. Pyritic at BTM.	BRN W QZMZ related to HE dust oxidizing in supergene envir.							
104.90 - 105.92	QZMZ, QZMZ BRXX. SHR. CY ALT - X locally at slip. CY MS matrix. 1% fine minor PY intermittent.	X							
105.92 - 106.68	QZMZ ALT MX - H QZ Sheared at BTM	H							
106.68 - 107.2	HLBX. Frags QZMZ, RHYL. Rd. Shearing both CNT. RHYL matrix. TR PY.	X							
107.2 - 109.2	QZMZ ALT - H MS, CB. Sheared defined by MS seams PY. 2% - D. 35, 65° C.a.	MS - H		8004	107.2 - 109.2	2.0			
				8005	109.2 - 109.81	0.61			
				8006	109.81 - 111.97	2.16			
109.2 - 109.81	FLT. multiple slip planes at 50° ca. G, CY, CB MS - X	MS - X							
109.81 - 112.07	QZMZ ALT - H. MS, CB CY. CY on slips, FRC BRN W	MS - H							

G 97-64

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
112.07 - 112.1	QZV wk QZ w PY. Assim QZMZ, Banded	HW & FW MS-X Pyritic. Sheared							
112.1 - 113.55	QZMZ ALT-H. MS, QZ, EY. GRN coloration. MS fabric and slips 30° c.a. CY assoc. QZ assoc. PY-U			8007	112.9-115.0	2.1			
113.55 - 114.9	RHYL DK Tan localized MS ALT. Sheared cracked intensely. Minor PY. Gou several narrow slips. BRN W stain after HE.	MS-W		8008	115.82 - 116.4	0.58			
114.9 - 115.3	QZMZ ALT MS-H BRN W after HE. PY-U microFRC intense.								
115.3 - 116.4	HLBX. QZ & RHYL Clasts subrd. RHYL matrix ± PY in matrix.								
116.4 - 117.0	QZMZ ALT-H. BRN W after HE microFRC. QZ ALT. PY-L								

G 97-64

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
117.0 — 118.18	RLBX hydraulic breccia RHYL clasts subangular MS ALT localized in fabric planes 300°, 60°SW Qz & PY bands assoc. dark SHRs w milled Rx & CY.	MS-H Qz	PY	8009	116.4 - 118.18	1.78			
118.18 - 131.24	RHYL. Flow banded. Hgy w GRN pigment. Bands 40° oa Pyritic - D. GRN W Speckled after HE. Porphyritic sections - Qz, KF	L PY increasing w depth 127.75-127.83 FLT CY ALT, milled, G, PY		10234	128.95-130.33	1.38			
				10235	130.33-131.75	1.42			
131.24 — 137.2	RHYL PPRY. Qz eyes rimmed W KF. MS ALT - H Sheared. Grades down to rubble — MYLONITE? Black banded - Qz+CY? Areas which look milled. Grades down to CY ALT-H.		3-5% PY						
137.2 - 138.14	DACT ALT to M. Green speckled MS soft. 1% airline Qz seams. Minor PY, HE								

G 97-64

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
138.14 – 146.06	QZMZ ALT - X. MS+, QZ dk mylonitic bands 55°ca densely micro FRC. laddered gashes QZ, CB, terminating VLTs, hairlines PY-D, banded. SL - bands.	MS - X QZ, CB	PY1 - 9.2% local SL in bands	8010	144.7 - 146.1	1.4			
146.06 – 148.41	DACT ALT MS-H. LT GYGRN color. MS GRN speckled PY-L. FRC density. H. Hairlines, VLTs QZ frequently offset. Gashes Qz filled 40°ca common	147.53 - 147.83 QZ MZ - ALT - H MS - H. QZ, HE CB L to absent	PY						
148.41 – 150.55	QZ MZ ALT. MS-H. Bleached - mafics gone. ME absent. PY, CY ALT & G on FRC 55°ca. PY. BRN W alte HE. Black Shearing planes 60°ca	MS - H. CB - L CY on FRC		8011	148.41 - 150.55	2.14			
150.55 153.25	DACT ALT MS-H. LT GYGRN PY local. FRC density - H Hairlines, gashes, VLTs.								

G97-64

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	Black BNV to QZ VLT dom PY. Tensional, torquing								
153.25 - 155.42	QZMZ ALT MS-X								
155.42 161.64	DACT. ALT MS-H, PY local. FRC density-H NE FRC assoc.								
161.64 - 162.27	QZMZ ALT-X MS. ‡PY. Hairlines								
162.27 - 162.72	DACT MS ALT								
162.7 163.33	FLT in QZMZ ALT-X MS-Y, CY-X, G. QZ VLT. ‡PY. LI	MS LI CY	PY						
163.33 - 186.15	QZMZ ALT MS-X-H. mafics gone. MG-N. BRN W mod H leached BRN color. micro FRC Few QZ VLT 70° ca.	169.4 - 170.14 Several zones v dk bands VFg PY ~ 10% - D		8012	170.14 - 171.5'	1.36			
				8013	171.5 - 173.32	1.82			
	Few bands near BTM Fresher QZMZ W mafics MG. MS ALT weather.	173.8 174.0 - KF W HE ALT over mylonitic zone.							
186.15 - 189.1	QZMZ. ALT MS-H. HE-H. BRN W. LI after HE dusting LI in hairlines & dusted. Micro FRC dense. PY-N								

189.1 EOH.

CME

Project name: SKUKUM
Project # : CPS6C
D.D. Hole #: 97-66

Length (m): 306.32
Grid: UTM NAD 83
Dip: -45
Azimuth: 150
Core size: NQ

Contractor: CARON
Northing: 6672830.549
Easting: 484535.090
Collar Elev.: 897.

Re

Hole survey type:
Started:
Completed:
Logged by: TV
Date logged: 11/10/03

Depth	Dip	Azimuth

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0 - 29.26	NO CORE / MISSING BOXES 1 - 5								
29.26 - 120.31	QZMZ, med grained, equigranular; pink & grey^, V magnetic unit - mag Minor ANDS and/or FLOR veins, rounded, white [NOT BOX 7, 35.05 - 40.65m has probably been dropped, as many pieces do not line up correctly]	ALT - N/W, weak alt^ occurs sporadically, esp around narrow qz-cb veins; - wk chl of matrix - wisps rock has been str. injected in rocks, v hem stain on core surfs. 40.65 - 42.55 ALT - S; ser & C 41.35, clay alt^ on fract, gouge fault. 51.70 - 52.05 prop alt^ around VN. @63.73 K-spar alt^ 69.58 - 69.85 hem. alt^, massive wisps of brick-red hem, also qz - cb and prop alt^ halo 71.70 - 73.60 ALT - M, strong propylitic w/ hem overprint (?) 77.90 - 79.55 wk K-spar alt^ ± poss hem. 79.55 - 81.50 ALT - W, wk propylitic w/ stronger zones around qz vns 81.50 - 83.20 ALT - N; or v wk 83.20 → ALT - W; wk propylitic	Py rare (<<1%) @31.92 qz vn 6mm/75°CA @50.20 narrow cb-qz-chl-epi fract/vn w/ pink K-spar alt^ halo @ 51.96 qz vn, 4cm/80°CA, minor SX 72.15 - 73.60 3 narrow chl-cb-epi qz vnlets @75.53 narrow qz vn 4mm/65°CA w/ 10cm prop alt^ halo @80.47 QZ vn 7mm/80°CA @85.26 qz-cb vn 1cm/65°CA						

CME

Hole No.: 97-66

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(QZMZ, cont'd)		@86.57 fault; highly frac'd, alt'd core over 10cm; below main frac core is silicified;						
			92.90–92.40, shear zone; highly alt'd & sil'd (qz-flooded); minor clay on main slip plane; ser'i alt'n						
		94.50–95.10 ALT M.	94.50–95.10 major shear, highly frac'd– both brittle & ductile deformation apparent; infilled by v. fg granitic qz, cb, cal & ser'i; ~35°CA.						
			@95.85 narrow qz vn 5mm/60°CA						
		98.00–98.50 qz-flooding, mk. avg. alt'n							
		@102.75 Pink K-spar alt'n, and patch of brec'd rock here.							
	103.63–104.43 ANDS, highly sheared and recrystallized w/ qz veining ~parallel to fg granitic structure; ~ 40°; ALT-S/K. LC is v. broken – FLT?		@104 main ductile shear in ANDS= ~5cm/40°CA; v. clay rich, fissile	09892	103.63–104.43	0.80			
		104.43 → Alt'n increasing intensity to ~M, (approximately); increased bleaching and qz-flooding & silica overprint	104.82–104.80 series of anastomosing qz vnlts in QZMZ.						
			@108.22 clay gouge seam, 3mm/50°CA.						
		108.80–109.30 ALT-S; v. ser'i rich core	@108.80 qz vn/shear w/ cataclastic immediately below: vn 2cm/35°CA. cataclasite ~5mm/35°CA.						
		109.30– bleached, qz-flooded							
			112.78–116.68 – Major FLT-Z, highly fragmented (broken core); Clay common on fracs; QZMZ is bleached and silicified						
			Below 116.68, core more competent but still v. frac'd						
	119–120.31 sheared QZMZ, near contact w/ RHYL; several discontinuous/pinched out dk. cataclastic shears		@118.22 narrow shear, 1.5cm/55°CA.						
120.31–125.31	RQFP / flow-banded RHYL.	ALT. M	UC, strong shearing 30°CA Flow banding parallel to contact						

CME

Hole No.: 97-66

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(RQFP, cont'd)		120.31 - 121.45 wk sx; grey blue primarily py w/ probable stib/aspy; @ 121.30 concentrate on fract bands, but may also be patchy, oblong dissem zones of 1cm; 5x ≤ 3%.						
			125.00 - 125.31 broken core @ contact; also pinkish - hem?						
125.31 - 137.86 (approx)	QZMZ, highly sheared.	ALT-S; sx pervasive through internal fracturing of QZMZ. Bleached and wk qz-flooding	Py in typical QZMZ rare <1%; but locally more abundant around veins and on fracs.	09893	125.31 - 126.49				
			UC faults @; v. clay alt'n.						
			@126.76 qz vn w/ dissem py (5-10% ~4-5cm / 80-85°CA; pass aspy.						
			129.54 - 129.79, disrupted qz vns w/ aspy + py; adjacent QZMZ w/r is bleached and sx'd w/ 10% py-aspy.	09894 09895 09896 09897	126.49 - 128.02 128.02 - 129.54 129.54 - 129.91 129.91 - 131.06				
			@130.70. qz-vn frag w/ minor py/aspy similar to previous; but no w/r sulphidation; vn frag ~ 3-4cm. wide.						
			@133.42 cataclasite ?, completely disintegrated (due to site exposure) v. friable; v also @ 132.60.						
137.86 - 144.93 (approx)	RQFP; light grey to buff coloured, small qz eyes & fsp phenos (RHYL)	ALT-M.; v. pale green due to sericite alt'n	UC obscure due to sampling, core condition poor, highly fragmented; v. strongly sheared						
			Unit is pyritic ≤ 1%, ~ 2% near UC.; occasional large patchy dissem py (3mm)						
			@ 140.27 Bx.;						
			@ LC; v. sheared.						
144.93 - 147.31	QZMZ, highly sheared, qz-flooding	ALT-S.							
	145.70 - 147.31 MYLT/SHR.Z in QZMZ	145.70 - 147.31 ALT-X	Dark matrix - clay sx's. 25°CA.						

CME

Hole No.: 97.66

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
147.31 – 157.40	FRHYL; wk porphyritic, generally tan to pale green; relatively homogenous and v. competent.	ALT – W/M.; variable, – pale green due to seri.	Sx stringers ≤1%; wl dk blue Sx (stHz?, arpy?); dissem py <<1%.						
		157.00–157.40 ALT-S.	157.00–157.40 Highly sheared contact zone; dk grey blue qz vns (pressure tails), locally brec'd, esp @ contact – rotated milled FRHYL frags in dk grey seri/clay matrix.						
157.40 – 164.00	QZMZ, MYLT shear zone; V. heavily sheared and alt'd, Major MYLT zones detailed below,	ALT – X, clay/seri strong; qz flooding in QZMZ.	Py v. fn grained, 1–2% Aspy probably present, but not definitively recognized.						
	157.40 – 162.35 MYLT/STKR-Z; occasional lg QZMZ frags wl clear qz		@ UC 2cm cataclastic marks contact. Fabric developed 30–50°CA						
	162.35 – 163.07 QZMZ, qz flooded.								
	163.07 – 163.27 STKR-Z.								
	163.27 – 164.00 QZMZ, qz flooded.								
164.00 – 164.63	ANDS, highly sheared alt'd, olive brown to brown-green; wl mod-strong qz-cb stkwk. Porphyritic.	ALT – S, phenos seriticized to bright green	UC, shear zone 164.00–164.25.						
164.63 – 167.64	QZMZ, highly sheared.	ALT – S/X; qz flooded	Dissem stHz?; 1–2mm blue grey						
	165.50 – 165.70 ANDS – ALT-X								
167.64 – 170.65	ANDS: olive to greenish grey, porphyritic v small green phenos,	ALT – S; phenos seriticized Strong qz-cb stkwk variably oriented throughout unit Appears to have a v. wk hem overprint; but now bleached.	Py appears absent.						
170.65 – 171.20	QZMZ, v. sheared; strong qz-cb stkwk; relicts over from ANDS?	ALT – X	–						
171.20 – 172.05	ANDS; v. sheared wl v. strong qz-cb stkwk.	ALT – X/S, Lower 30cm purplish due to hem alt'n							

CME

Hole No.: 97-66

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
172.05 – 173.42	QZMZ, v fractured; w/ minor intermixed ANDS frags. @ 172.75 and 172.95.	ALT-Y.							
173.42 – 175.54.	ANDS, sheared, mod. strong qz cb stkwk	ALT-S; distinct purplish cast to rock due to extensive hematite Green sericitized phenos	Py absent to trace.						
175.54 – 175.84	QZMZ, as previous								
175.84 – 177.55	ANDS; porphyritic; sheared, mod-strong qz cb stkwk, olive colour to grey.	ALT-S	@177.35 Sulphidized ANDS, ~ 5cm. grey w/ 25% qtz/py						
177.55 – 200.82	QZMZ.								
	179.55 – 178.25 MYLT/SHR.Z, ductily deformed QZMZ w/ numerous dk reflective shear bands and sx bands	ALT-X, v ser rich, clay pyrite.	Py 2-3%.	09898	178.25 – 179.83	1.58			
	178.25 – most typical med-grained equigranular alt'd QZMZ.	ALT-S; bleached, ser ↑; minor qz flooding ↑. Zones of pervasive green ser alt'n @ 183.24, 186.10	Py ≤ 1%. @179.40 10% py disem in QZMZ						
		179.80 → ALT-M; except local zones of ALT-S (ser.)	@187.28 shear 35°CA; clay alt'n @188.87 5mm/qz vn in arg alt'n 5mm/35°CA.						
		189.40 – 190.15 bleached, ser rich w/ several narrow qz vnlts, wk sx. ALT-S	@ 189.90 & 190.00 main slip planes w/ clay alt'n/gouge.						
		190.15 – 192.27 ALT-M 192.27 – 194.70 ALT w/N, zones of fresh magnetic QZMZ	@194.95 sil-flooding/shear; 3cm/20°CA v. fn grained qz (chalcedonic)						
	QZMZ w/ small ANDS xenos.	194.70 – 200.82 ALT-w/M, strong propilitic, wk arg.	@197.70 qz-cb vnlt. 7mm/15°CA @198.90 qz-cb vnlt. 4mm/45°CA						
200.82 – 203.20	ANDS, porphyritic, olive to grey to greenish mod qz-cb stkwk; where grey, usually sulphidized w/ narrow hairline qz vnlts flooding the rock	ALT-S.	Py/aspy variable; generally 0.5% C w/ narrow qz vnlts (not qz-cb stkwk vnlts). Py-aspy disem in rock around vnlts						

CME

Hole No.: 9766

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(ANDS, cont'd)		@201.65 1mm qz vein w/ py/aspy diffused around it in a halo. 202.53-202.65 heavily sulphidized ANDS - 25-35% py/aspy.						
203.20-306.52	QZMZ; med-grained, equigranular, typical hanging/foot wall unit	203.20 – 203.74 ALT-S, 203.74 – 208.50 ALT-W/N v. fresh, looking, magnetic; Appears wk K-spar alt'n 208.50 – 208.97 ALT-W, greenish due to incr. ser 208.97 – 209.52 ALT-M/S. qz-flooding, stronger ser; surrounds qz vn/fracture zone 209.52 – 226.06 ALT-N/W v. fresh magnetic QZMZ w/ small zones of prop/weg alt'n around vn's. 226.06 – 235.60 ALT-W/M, incr. green ser; alt'n, still somewhat variable w/ zones of fresh QZMZ, but these are in the minority 229.60 – 229.60 v. green QZMZ w/ orange yellow limonite staining, probably due to Fe-rich dz ~237. v. pale wht, due to incr in fsp? or bleaching 235.60 – 236.60 ALT-M	UC sheared 40°CA. Shearing continues to ~ 203.75. @209.28 qz vn/fracture zone 50°CA. @213.38 qz-cb-ser-py vn's ~ 5-7mm/15°CA w/ 7-8cm ser; alt'n halo. ∠diam @235.70 ANDS xeno, sulphidized. @235.95 qz vein w/ sulphides in QZMZ host. 5-15% py. @236.50 py ~ 5% in QZMZ	09901	203.20 – 203.75	0.55			
	238.25 – 238.50 ANDS dyke/xeno	ALT-W.	UC/LC 40°CA. Qz vn @ LC 1cm/40°CA.						

CME

Hole No.: 97-66

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(QZMZ, rant'd)		240.37 – 240.87 frac along CA w/ 2-3cm Kspar alt'n halo 247.17 – 247.94 frac zone, broken core 248.27 – 248.65 sheet 70-75°CA.						
		248.08 – 248.98 ALT-S; clay alt'n in frac's – sheer zone; red rock clay, abund scr;							
		248.98 – 252.75 ALT-W							
	253.78 – 253.88 ANDS dyke, 45°CA v. green, ALT-W;	252.75 – 253.78 ALT-M.							
		253.88 – 254.43 ALT-W.							
	254.43 – 256.83 ANDS dyke, v. fresh looking, ok green phenos in slightly lighter green matrix, minor qz-cb fracture gash infill @ 255.58; wedge of QZMZ from 254.73 – 254.91 →	ALT-N/W.	QZMZ wedge w/ 60°CA contact angles, sharp.						
		256.83 – 259.39 ALT-W, propylitic							
	259.39 – 260.74 ANDS, as previous, →	ALT-N/W							
		260.74 – 263.30 ALT-W.							
	263.30 – 263.53 ANDS; ALT-W								
		263.53 – 279.45 ALT-W/M, bleached	@ 263.53 qz-sr vn+. 7mm/55°CA @ 266.75 qz vn/flooding w/ 15% cspy aggr + 5-7cm. Aspy diffuse blossom in QZMZ. Also py ~ 3-5%.						
	@ 276.18 FLDK (ALT?) v. fn grained & pink, 1cm/35°CA.								
	@ 276.36 FLDK. 2cm/35°CA.								
	279.45 – 279.98 ANDS dyke, mod qz-cb stwk, sheared upper/lower contacts w/ qz vning/increased small xenos of QZMZ (5-6cm). Otw coloured	ALT-M.							

CME

Hole No.: 97-66

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(QZMZ, cont'd)	279.98 - 297.30 ALT W/M.							
	284.56 - 284.86 ANDS, bleached ALT-M.		@ 286.50 hematitic DX. 5-7mm / ~ 20°CA						
	287.03 - 287.21 ANDS, xcns; wk qz-cb vn thru middle. 1cm / 70°CA								
	287.72 - 289.83 ANDS; v. hematitic on fract sfcs, and also weakly pervasive through unit	← ALT-M.	287.72 - 288.04 FLT-Z in ANDS, highly fract'd						
		296.90 - 297.30 K-spar alt'n							
		297.30 - 299.10 ALT-M, seri-green, bleached and incr. qz.							
	299.10 - 299.60. ANDS dyke, bleached ALT-M.		@ 299.25 QZ-SX VN, 30°S sx - cpy, sfds?, minor py + spl. - poss gal.						
	299.95 - 303.05 narrow ANDS xcns / dyke.								
		303.05 - 306.32 ALT-W fairly fresh looking, magnetic.							
	307.84 - 308.58 ANDS, ALT-W. - quite fresh; dk green w/ lter green phnds - wk qz-cb stwk., hem. Upper/lower contacts 40°CA.								
	305.78 - 306.52 ANDS dyke, as above. UC - 30°CA / LC - 45°CA								
306.52	END OF HOLE								

CME

97-67

Project name: SKUKUM
Project #: PS6D
D.D. Hole #: 97-67 (Relog)

Length (m): 219.46
Grid: UTM NAD 83
Dip: −60°
Azimuth: 150
Core size: NQ

Contractor: CARON
Northing: 6672830.549
Easting: 484535.090
Collar Elev.: 897.

Hole survey type:
Started:
Completed:
Re **Logged by:** TV
Date logged: 11/24/03 - 11/25/03

Depth	Dip	Azimuth

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0 - 0.61	CASING.								
0.61 - 116.86	QZMZ ; med grained, equigranular, typical hanging wall unit, rel. fresh. Where fresh: pink & green, v. magnetic	ALT N/W. Wk localized propylitic and sericitic alt'n, located typically around narrow shears/veins/vns. Wk K-spar overprint and wk qz flooding/silicification. 10.58 - 11.17 propylitic & sericitic alt'n halo around qz vn 1cm/55°CA 29.43 - 30.35 ALT-W. (seri.) 30.35 - 31.21 ALT-M, seri, prop. 31.21 - 32.50 ALT-S, ser.; hem/lim. 32.50 - 33.40 ALT-X; clay alt'n, complete clay alt'n of fsp and other minerals except for qz. 33.40 - 36.40 ALT-S. 36.40 - 36.80 ALT-X 36.80 - 37.25 ALT-S 37.25 - 37.85 ALT-X 37.85 - 39.96 ALT-S 39.95 - 40.55 ALT-X	@ 10.82 shear, clay alt'n w/ strong seri alt'n halo w/ 1.2m @ 20.77 qz vnlt; ewg alt'n halo, 6mm/85°CA w/ cb @ 23.76 narrow qz vnlt 4mm/75°CA; w potassic wlr alt'n. @ 27.07 qz vnlt 3mm/65°CA @ 27.39 qz vnlt 5mm/80°CA @ 33.10 shear w/ veining, ~70°CA @ 35.24 qz vn 2cm/80°CA w 5-10% dissem py w/in vn and along strg @ 36.35 mauve chalcedony vns (tension gash infill) @ 37.55 qz vn, vfgnd ~1cm; 50°CA. Minor sx @ 40.30 clay infill of tension gashes.						

CME

Hole No.: 97-67

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(QZMZ, cont'd)	40.55 – 43.70 ALT – S/M. 43.20 – 44.45 ALT – X ; v. bleached, pale, QZMZ w/ qz flooding and crackering infill 44.45 – 46.00 ALT – M 46.00 – 76.20 ALT W/N. v. competent, minor alt° assoc w/ narrow cb-qz vnlts. @49.80 cb fracture qz±k infills	@43.75 clay shear plane 2cm/20°CA Immediately below is qz vein or silicification oriented ⊥ to shear. ~6cm wide w/ sericite, wk sx, med cb @44.83 qz vn. 7cm/80°CA, blue grey qz, poss stib ; also late shaped cb ± seri. @49.35 qz vn. 15mm/80°CA w/ 5% stib ; ± minor py-aspy?, 1m alt° @58.60 qz vn 2cm/60°CA ; w/ seri + minor py down centre of vn ; 30cm wide alt° halo. @68.28 qz vn 1cm/85°CA ; minor py in vn selv and dissem in w/r. (5%) ; poss spn @69.50 qz-cb vnlt. 3mm/70°CA w/ 7mm offset along cb @ 70.34 qz-cb vnlt 6mm/85°CA @ 70.93 qz-cb vnlt. 4mm/70°CA w/ 2cm offset @ 20°CA. @71.26 qz vnlt 4mm/85°CA, minor py in w/r + selv						
	54.54 – 55.26 FELS phase in QZMZ, pink w/ qz infill ; strong green seri alt° – precational. Poss PCHM fract of melt(?)	76.20 – 77.60 (approx) ALT – M. 77.60 – 79.25 ALT – S. 79.25 – 79.55 ALT – M 79.55 – 80.55 ALT – W. 80.55 – 87.95 ALT – M K-spar-hem overprint. 87.95 – 88.60 ALT – W ; bleached, seri only, no Fe alt° or v. wk 88.60 – 88.15 ALT – N. 88.15 – 89.20 ALT – W ; Fe-alt° (brown weathering?) 89.20 – 93.12 ALT – M/S ; incr seri ; some propylitic alt°	78.60 – 78.90 STR-Z ; chlty alt° fract'd. @78.95 qz-cb varies ; 3-5% dissem py in w/r. @84.98 qz-cb vn 6mm/55°CA @90.44 qz vn 1cm/60°CA w/ minor stib dissem in vn. @90.68 qz-Sx vn. 1cm/75°CA w/ 30% stib, also smaller qz-cb vnlts and dissem py in w/r. @90.90 qz vnlt 75°CA						

CME

Hole No.: 97-67

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(QZMZ, cont'd).		@91.87 qz vn 3cm/40°CA, w/ minor sx in vn (py, poss sph); 0.5cm ky halo in w/r ~ 20cm wide.	09052	91.10 – 92.20	1.10.	70		
	93.12 – 95.29; different intrusive w/in QZMZ; crs-grained no qz, large prominent wht fsp; v. sericitic w/ 1-2% alt'n MONZ ?; slightly pyritic <1% dissem rubble ALT-M. @ contacts narrow 2cm sericitic margin - alt'n of QZMZ, not MONZ - later stage.	95.29 – 99.06 ALT W/N; fresh magnetic section w/ in weak seri alt'n, minor K-spar.	@96.50 wk shear, seri alt'n						
		99.06 – 100.04 ALT-M, bleached, Sericite							
		100.04 – 101.95 ALT-M, K-spar or hem overprint, pinkish brown.							
		101.95 – 102.97 ALT-W							
		102.97 – 106.50 ALT-N/W, wk seri 2nm of seri/hem alt'n							
		106.50 – 107.60 ALT-W; wk seri.							
		107.60 – 108.74 ALT-S; strong seri, cb, qz-flooded w/ ALT X over 3cm @ clay shear.	@ 107.72 clay alt'n shear. 3cm/80°CA.						
		108.74 – 113.20 ALT-W/N variable; generally wk seri							
		113.20 – 114.20 ALT-M; v. seri, "brown weathering" limonite after ox.							
		114.20 – 115.00 ALT-S/X	114.40 – 114.54 qz vn(?) or replacement w minor sx; clay alt'n; shear zone. yellow-orange lim alteration of sx.	09065	114.23 – 115.82	1.59	1.57 5K		
			@ 114.90 qz vn, mass w/ barren. 1cm/45°CA.						
		115.00 – 116.86 ALT-M, seri. "brown weathering" limonite after ox	@ 115.49 narrow sx vn, poss w/py or sph.						
116.86 – 118.77	ANDS; porph olive rel'd where bleached & alt'd to med green matrix where (rel) fresh; Phenos dk green where fresher to bright ser. green where alt'd.	116.86 – 117.41 ALT M/W; gradational decr from UC.	Py 1-2% overall; Concentrates in contact alt'n zone to 5%.						
		117.41 – 118.01 ALT W/N; med green	UC 55°CA; w/ 3mm qz vn @ contact.						
		118.01 – 118.77 ALT M/W, gradational incr to LC's	LC 70°CA; sheared w/ clay on sfc.						
118.77 – 120.38	QZMZ;	ALT-M/S.							
	119.67 – 120.38 sheared QZMZ - ALT-S.		LC gouge clay, irreg sfc ~ 45°CA.						

CME

Hole No.: 97-67

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
120.38 - 121.92	ANDS, sheared, alt'd strong qz-cb tension gash stkwk. Shearing decreasing toward LC.	ALT-S, bright green ser prev's.	Py ~ 3-5%						
			121.69 - 121.92 py ~10%, diskm. @ LC ~ 40°CA (guess)						
121.92 - 137.65	QZMZ; wk-mod sheeting, generally localized as main slip planes; minor internal ductile deformation,	ALT - M/S. bleached, local qz flooding	121.92 - Generally, mod brec'd core, w/ zone of high fracs orientation variably from along CA to ~ 45°CA.						
	@122.26 ANDS dyke strongest 1.5cm/30°CA 5-10% py.		@129.62 post shear; clay alt'n						
			@132.62 shear, cataclasite ~ 1cm/40°CA						
		135.00 - 137.65 ALT X/S; clay alt'n; shearing.	137.60 - 137.85 strong sheeting and qz flooding w/a QZMZ						
			@136.25 cataclasite, ~1.5cm/~40°CA v. fissile, clay rich						
137.65 - 144.45	ROFP (Central Mafic style), v dk green → tan, to wht recrystd, grey glassy qz eyes; sub-concordant fsp laths, wk flow banding	ALT - M/S	LC irregular; approx 30°CA.	09066	137.65 - 138.85	1.20	40	DB - sample of 138.85m	
			137.85 - 138.00 irregular 5x wkly, w/ sulf ± asphy; diss'm py throughout ROFP unit (1-2%)	NOTE HISTORICAL SAMPLE E81570		start is incorrect in			
				09067	140.20 - 141.75	1.55	15		
				09068	143.75 - 144.45	1.20	10		
			LC ~ 50°CA						
144.45 - 151.97	QZMZ; wk-mod sheeting increasing downhole	ALT - X; v strong clay-alt'n ... as well as ser	Py diss'm ~ 1%	09069	144.45 - 145.42	0.97	10		
			@144.68 qz-sx string, occas py <7mm, irregular						
			@145.89 shear plane 40°CA.						
			LC ~ 45°CA						
151.97 - 153.12	ANDS, porph. Q. sheared / foliated	ALT-X; clay-ser replacement v. soft; fissile	v. rare py <<1%						
153.12 - 156.90	QZMZ;		LC ~ 45°CA						
		ALT-X; v. clay rich, v. bleached, localized v abund ser	Py ≤ 1%						
			@153.95 gouge core - shear?						
			@155.17 cataclasite ~ 1cm/35°CA; dk grey clay-ser ± sx	09070	154.90 - 156.90	2.00	75		
			@155.25 diskm py in QZMZ; ~ 5% over 5cm						

CME

Hole No.: 97-67

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
			@156.85 1mgr qz "sweat" w/ minor dissem. py. 156.65–156.90 v. strong green foliated + sheared QZMZ, completely serI replacement.						
156.90 – 157.70	MYLT / SHZ_2; dk grey/brown serI clay rich cataclasite w/ QZMZ frags entrained and rotated w/in matrix	ALT-X	Py 2-5% variable; may be higher if f. fm grained in cataclasite matrix						
157.70 – 163.66	QZMZ, sheared; zones of strong shearing and cataclasite;	ALT-X/S; clay, serI alt'n abund.	Py variable, overall 1-2%						
			161.60–161.85 cataclasite, v. dk grey matrix, milky frags <1cm.						
			@163.20 sheared/coarse cataclasite						
			@161.54 cataclasite/shear, irreg or. est 30–40°CA.						
			163.00–163.66 cataclasite, lots of matrix; generally v. serI rich matrix (green-ish-brown) w/ frags of QZMZ						
163.66 – 174.15	RHYL/RFP; highly alt'd (SOUTH MARKER?) Atypical of Sulkerbar due to increased SX units - more typical of Central, but no qz eyes.	ALT-S; v. serI rich	Pyritic w/ mod abund SX vs MS (stylolitic) Dissem py 2-3%, SX units 5% - mostly py + SHZ (?) and serI.						
			@164.64 cataclastic / BX, dk serI matrix w/ RHYL frags						
		172.60–174.15 incr hem/lim alt'n on SHZ - brown hairline fracs.	172.60–174.15 incr. shearing to localized BXE; incr SX w/ spotty SHZ mineralization and localized sparkly py cubes.						
			173.75–174.15 essentially bx'd; but limited movement.						
174.15 – 175.05	BMG-2 / BX QZMZ / RHYL / MYLT. E. sheared; patches of RHYL smeared through w/ qz veins; locally pyritic; QZMZ frags common; some qz eye RHYL ↳ 174.90–175.07 (approx) v. dk grey w/ qz eyes + fsp pheno's.	ALT-X.	Py ~4%						

CME

Hole No.: 9767

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
175.05 - 181.85	QZMZ; v. decomposed in box. 32 due to sfc exposure; More competent by 179.10 m.	ALT-X; abund clay due to core condition (decomposed)	Py ~ 1%.						
	181.80-181.85 ANDS, ALT-X.	180.35-180.85 sil replacement; wht qz; v. bleached; minor assoc sx							
181.85 - 182.65	MYLT; v. ok sericite/clay matrix; v. friable and soft	ALT-X.							
182.65 - 183.40	QZ-SX BX/ANDN; v. brec'd; qz-rich w/ sx - aspy, py; also seri w/in qz vns; QZMZ frags, highly fract'd. Qz is white w/ hairline aspy dissem in qz; aspy also in aggregates, v. fn grained	ALT-X.	Sx - to 15%; overall ~ 7%						
183.40 - 186.45	QZMZ; sheared; localized cataclastic shears & brx.	ALT-X; clay, seri.	@183.40 cataclasite contact.						
		(184.40-185.40 - v. decomposed QZMZ)	@186.00-186.20 cataclasite w/ interbed ANDN frags						
186.45 - 187.75	ANDS, porphyritic (wk) strong crackle qz-cb stwk.	ALT X/S; v. bleached.	Py ~10% dissem; ≤1% aspy; Now LC mod sx'd ANDS (~20%) @187.75 qz vn/stg, wht massive qz w/ brown lim alt'n of py.						
187.75 - 188.84	QZMZ; wk shearing	ALT-S.	Py 2-3%.						
188.84 - 189.80	ANDS, as previous	ALT-S; bleached.	Py ≤1%.						
189.80 - 190.27	QZMZ.	ALT-S	Py ≤1%; sheared LC, gouge						
190.27 - 190.70	ANDS, as previous	ALT-S	Py < 1%.						
190.70 - 219.46	QZMZ,	ALT-S	Py 2%. @191.25 qz vn/stg 5mm/75CA. 3% py. in w/r						

CME

Hole No.: 97-67

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	191.85 – 193.88 v. sheared QZM2 ± incr. Sx² + qz-Sx vning.	ALT-X (QZM7).	191.85 – 192.75 banded/foliated Sx vnlts ; 15% py ± aspy.						
			192.40 – 193.88 qz-Sx VA zone, several - major vns w/ abund aspy + py ± sph.						
			@ 192.60 qz. Sx va 5cm/70°CA; 35-40° Sv, net work texture of aspy, here and in other vns.						
			@ 192.75, 192.92, 193.15 · qz. Sx vns, w/ 20-40% aspy, py, sph						
			@ 193.48 1cm qz. Sv va - 80% aspy						
		194.10 – 198.50 ± bleached QZM2 w/ extensive qz flooding throughout in vems and irreg diffusion.	193.55 – 194.10. shrng shearing in QZM2 w/ cataclasites, wk massive qz va. and dissem Sx, ~15% py in vnlts & dissem; also aspy, but significantly less.						
		198.50 – bleaching continues, decr. qz vns & flooding	@ 198.00 patch of stib						
			198.50 – 199.91 dissem py ± aspy ~ 10%.						
		202.20 – 202.95 qz-flooding + vnlts reappear	202.20 – 202.95 sheared QZM2; Sx vnlts & dissem py ~ 3-5%, abund Ser.						
	202.95 – 219.46 unsheared QZM7; thought common internal fabrics : altered w/ ser ± cb. - shows typical "Brown weathering" - relatively homogeneous, massive looking, competent - veinlets reappear.	202.06 – 212.06 ALT S/M; pervasive/ decreasing w/ local zones w/ major alt² grade relay	202.95 py decr. ≤ 1%						
		216.85 – 217.45 low angle shear (?) w/ abund clay-ser, ± vuggy.							
		212.06 – 218.63 ALT-S, clay alt² narrow shear @ 213.60	213.60 cataclasite; 55°CA; ~5mm, minor assoc qz						
219.46	END OF HOLE								

APPENDIX V

CORE REPROCESSING PROGRAM

b. Corrections to Drilling Database

Goddell Core Reprocessing

Corrections to Digital Database

Hole	Sample	Historical			Relogged			Comment
		From	To	Length	From	To	Length	
97-36		183.10	190.93	7.83				Core split but no record of results - quartered and sampled in 2003
		192.32	196.29	3.97				Core split but no record of results - quartered and sampled in 2003
97-38	B100895	162.15	163.52	1.37	161.70	163.50	1.80	Possible measuring error - not enough information to justify change to database.
97-40	09086	214.25	215.41	1.16	214.25	215.41	1.16	Core split but no record of results - quartered and sampled in 2003
	B100965	215.41	216.10	0.69	215.41	215.64	0.23	Measuring error
97-41	B100982	52.12	53.43	1.31	52.12	53.43	1.31	Sampling error - did not sample full interval
97-42	10002	27.78	29.20	1.42				Core split but no record of results - quartered and sampled in 2003
	10003	29.20	29.90	0.70				Core split but no record of results - quartered and sampled in 2003
97-44								Core block marker error - hole probably 1.52 m shorter than reported - not changed in collar file
97-45	B195115	178.00	178.70	0.70	176.47	177.17	0.70	Measuring error
97-46	B195166	84.70	86.25	1.55	86.25	87.50	1.25	Measuring error
	B195167	86.25	88.50	2.25	87.50	88.60	1.10	Measuring error
97-47	B195217	141.10	142.20	1.10	141.10	143.10	2.00	Measuring error
97-49	B195272	112.50	113.60	1.10	112.30	113.60	1.30	Measuring error
	B195278	158.20	159.50	1.30	158.42	159.42	1.00	Measuring error
97-54	B195409	237.45	239.15	1.70	238.95	240.50	1.55	Measuring error
97-55	B195433	199.35	200.35	1.00	199.35	201.35	2.00	Measuring error
97-56	B195446	191.05	192.46	1.41	191.14	192.46	1.32	Measuring error
97-58	B195579	189.20	190.25	1.05	189.20	190.63	1.43	Measuring error - Note sample assay 13.63 g/t Au
	B195580	190.25	192.15	1.90	190.63	192.15	1.52	Measuring error
97-59								Extra marking block - hole length overstated by 5' or 1.52m - corrected in collar file
97-61	E85038	172.84	175.90	3.06	172.84	174.90	2.06	Original sample intended to be two samples - resampled as such in 2003.
					174.90	175.90	1.00	
97-67	E81570	138.50	140.20	1.70	138.85	140.20	1.35	

APPENDIX VI

DIAMOND DRILLING

a. Drill Hole Summaries
b. Drill Hole Logs
c. Recovery, Rock Quality and Magnetic Susceptibility
d. Density Tests

APPENDIX VI

DIAMOND DRILLING

a. Drill Hole Summaries

CME DIAMOND DRILL HOLE SUMMARY

DDH Number: GG03-1	Project Name: SKUKUM	Project Number: P56D
Hole Length: 473.96m	Azimuth: 041°	Date Started: October 6, 2003
Northing: 6672698.333	Dip: -64°	Date Completed: October 20, 2003
Easting: 483769.414	Down Hole Survey: Multishot	Casing Length: 4.50m
Elevation: 1132.845m	Core Size: NQ	Logged By: TV

OBJECTIVE

Intersect PD Zone mineralization approximately 40 metres down dip of mineralized zone in underground drill hole 97-56. Drilling was conducted from the hanging wall side (south).

GEOLOGY

Quartz monzonite was the most common lithology cored in this drill hole. This unit is medium-grained and equigranular, leucocratic intrusive. Outside the Goddell Shear it is relatively fresh and unaltered. Approaching the shear zone the alteration is typically weak to moderate, consisting of primarily sericite alteration, with rare and short zones of propylitic alteration. A pink, medium to coarse grained hornblende granite was also intersected in the upper part of the hole. Intruding the quartz monzonite are numerous andesite and rhyolite dykes. The andesites are typically medium green to light green grey, and show a characteristic quartz-carbonate tension gash stockwork. Rhyolite dykes include quartz-eye-feldspar porphyry and feldspar porphyry. Spherules, flow-banding and sheared contacts parallel to flow-banding are common. Within a single rhyolite dyke colour may vary from green to white to pink.

Within the shear zone (375.63 – 473.96m), intense sericite to clay alteration of all lithologies is common. Shearing is commonly exhibited in the presence of cataclasites and mylonitic zones with entrained fragments of quartz monzonite, andesite, rhyolite and occasionally quartz (-sulphide) veins.

MINERALIZATION

Gold mineralization within the Goddell Shear consists of mylonites, cataclasites containing brecciated quartz-sulphide vein fragments within highly altered quartz monzonite. Disseminated pyrite and arsenopyrite are the principal sulphides present in the zone. Coarse sphalerite may be present within the quartz veins. Zones of disseminated, very fine grained arsenopyrite within quartz monzonite are also present.

Stibnite mineralization is also observed, principally in a massive stibnite vein, near the end of hole. The vein(s) are subparallel to the core axis.

Other mineralization consists of infrequent quartz extension veins in the footwall of the shear zone which may or may not contain appreciable amounts of sulphides.

SIGNIFICANT INTERSECTIONS

From (m)	To (m)	Length (m)	Au (ppb)	Ag (ppm)	Au (g/t)	Ag (g/t)			
403.00	404.50	1.50			3.76				
409.00	413.50	4.50			2.70				
432.11	453.50	21.39			2.80				
438.17	446.02	7.85			5.32				
457.50	459.03	1.53			2.84				
463.16	463.85	0.69			4.76				

Attach additional sheet if required

CME DIAMOND DRILL HOLE SUMMARY

DDH Number: GG03-2	Project Name: SKUKUM	Project Number: P56D
Hole Length: 428.85m	Azimuth: 173°	Date Started: October 19, 2003
Northing: 6673019.259	Dip: -58°	Date Completed: October 28, 2003
Easting: 483857.503	Down Hole Survey: Multishot	Casing Length: 3.91m
Elevation: 1069.156m	Core Size: NQ	Logged By: TV

OBJECTIVE

Intersect PD Zone mineralization approximately 40 metres west, along strike of mineralized zone in underground drill hole 97-56. Drilling was conducted from the footwall side (north).

GEOLOGY

Quartz monzonite was the most common lithology cored in this drill hole. This unit is medium-grained and equigranular, leucocratic intrusive. At the top of the hole (3.19-33.27m) the intrusive is much darker than the typical footwall intrusive. A moderate to strong quartz-carbonate stockwork is present in this unit as well. Immediately below this is extremely altered quartz-monzonite (advanced argillic alteration) over a wide interval (33.27-79.16 metres) which also incorporated altered andesite and rhyolite dykes (this is the same zone that resulted in the abandoning of hole GG03-2A).

Intruding the quartz monzonite are numerous andesite and rhyolite dykes. The andesites are typically medium green to light green grey, and show a characteristic quartz-carbonate tension gash stockwork. Rhyolite dykes include quartz-eye-feldspar porphyry and feldspar porphyry. Flow-banding and sheared contacts parallel to flow-banding are common. Within a single rhyolite dyke, colour may vary from green to white to pink.

Within the shear zone (322.17 – 389.16m), intense sericite to clay alteration of all lithologies is common. Shearing is commonly exhibited by the presence of cataclasites and mylonitic zones with entrained fragments of quartz monzonite, andesite, rhyolite and occasionally quartz (-sulphide) veins.

MINERALIZATION

Gold mineralization within the Goddell Shear consists of mylonites, cataclasites containing brecciated quartz-sulphide vein fragments within highly altered quartz monzonite. Disseminated pyrite and arsenopyrite are the principal sulphides present in the zone.

Other mineralization consists of infrequent quartz extension veins in the hanging wall of the shear zone which may or may not contain appreciable amounts of sulphides.

SIGNIFICANT INTERSECTIONS

From (m)	To (m)	Length (m)	Au (ppb)	Ag (ppm)	Au (g/t)	Ag (g/t)			
327.33	329.19	1.86			1.38				
352.77	355.33	2.56			2.03				
362.10	363.60	1.50			2.47				

Attach additional sheet if required

CME DIAMOND DRILL HOLE SUMMARY

DDH Number: GG03-2A	Project Name: SKUKUM	Project Number: P56D
Hole Length: 79.13m	Azimuth: 180°	Date Started: October 17, 2003
Northing: 6673057.232	Dip: -56°	Date Completed: October 19, 2003
Easting: 483899.671	Down Hole Survey: Multishot	Casing Length: 6.10m
Elevation: 1071.026m	Core Size: NQ	Logged By: TV

OBJECTIVE

Intersect PD Zone mineralization approximately 40 metres along strike and 20 metres down dip of mineralized zone in underground drill hole 97-56.

GEOLOGY

This drillhole was aborted at 79.13 metres due to encountering of a large void within the rocks. Initially it was believed to have been the Goddell adit, however subsequent surveying indicates this is unlikely.

Rock intersected by this hole included a very dark coloured quartz monzonite unit, with quite high silicification and veining. Following this, and continuing to end of hole was extremely altered quartz mononite and felsite. Alteration is considered advanced argillic. The core is extremely soft consisting primarily of clay altered feldspars.

MINERALIZATION

The targeted PD zone mineralization was not encountered.

Mineralization noted in the cored rock consisted primarily of disseminated pyrite. Stibnite was noted a several locations within the argillically altered quartz monzonite.

SIGNIFICANT INTERSECTIONS

From (m)	To (m)	Length (m)	Au (ppb)	Ag (ppm)	Au (g/t)	Ag (g/t)			
No significant intersections									

Attach additional sheet if required

APPENDIX VI

DIAMOND DRILLING

b. Drill Hole Logs

CME

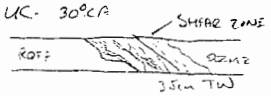
6603-1

		Total Depth (m):	473.96	Contractor:	CARON	Hole survey type:	MULTISHOT	Depth	Dip	Azimuth
Project name:	SKUKUM	Grid:	UTM	Northing:	6672698.333	Started:	10/08/03			
Project # :	CRS6C	Dip:	-64°	Easting:	483769.414	Completed:	10/22/03			
D.D. Hole #:	6603-1	Azimuth:	041°	Collar Elev.:	1132.845m	Logged by:	TN			
		Core size:	NQ			Date logged:	10/12/03 – 10/23/03			

Scale	From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	0 – 4.50	CASING, no recovery.								
	4.50 – 7.80	Rubbly str oxidized QZMZ overburden								
	7.80 – 11.07	QZMZ, fairly fresh, only brown weathering due to sfc oxidation. Weakly magnetic, except where v. fresh, then moderate. Medium grained, equigranular; pale pink to pink/green when v. fresh	ALT – N/W. Alt° is primarily sfc oxid° (brown-weathering) hem-lim, poss Mn on fracs.							
	11.07 – 12.24	ANDS dyke., fresh, porphyritic w/ chloritized hbl & fsp. phenos (DACT?)	ALT – N/W	uc sharp. 40°CA LC sharp 35°CA } sheared						
	12.24 – 51.80.	QZMZ.; as previously described. (magnetic), v. slight bleaching and/or mod-wk silicification vnts	ALT – N/W Alt° still primarily sfc ox or meteoric water infiltration along fracs. Lim/mem alteration of wallrock from main fracs are distinct from 2-10 cm radius.	21.25-22.25 rubbly broken core – lm/mm. @ 22.95 minor qz-chalcedony vnlts @ 28.50 4cm pink dyke or K-spar rich zone in QZMZ, texture is similar to host. @ 40.22 Seri? shear 5mm/35°CA @ 41.52 qz-ch vnlt. 5mm/25°CA @ 44.60 qz vnlt. 5mm/25°CA @ 46.63 sheared vn? 6cm/30°CA						
			28.60 – 32.60 – ALT – N							
			32.60 – 33.90 – v. low mafics ALT – W (no magnetism)							
			33.90 – 45.11 ALT – N. (except around fracs/vnlts/stringers							
			45.11 – 48.76 ALT – M/S. Sericite alt° due to injection of AKDK (?); decreases down-hole							
		45.72 – 46.13 Two AKDK (?) v. f. grained, pink; 5gtd 6cm wide 20–25° CA; wide alt° halo.								

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	QZMZ (cont'd)	48.76 - 50.20 ALT - N (v. fresh)							
	55.85 - 56.10 AKDK; pink, fn-grained 50°CA ~70cm wide.	50.20 - ALT - W (local M) mostly bleaching, lim/hem. Sxr slightly incr; pbbp pervasive							
	@57.84 AKDK 2cm/ 70°CA	52.84 - 53.72 strong lim/hem alt^n, some leaching							
51.20 - 60.65	RHYL ?, or bleached AND S ? wk. flow banding; med grey.; cut by several qz-sx vn, primarily close to CA ?		Dissem py bookwork (remineralized by py aggregates. (5%) @ UC, qz - sx VN (1ok blue & white) w/ py + pass aspy + stib. 5cm/70°CA (~15-20% sx, fine) Hairline qz ± sx veins @60.18., qz-sx vnlt (sheared) ~1cm/70°CA, similar mineralogy & alt^n.						
60.65 - 62.49	QZMZ., pale green, sheared (?) contains some xenos of above unit	ALT - M.,	Pyritic (1-2%) @61.33 injected felsic? pat material w/ sx + qz vn, ~70-75° CA.	09338	58.05 - 59.05	1.00	<0.01		
				09339	59.05 - 60.65	1.60	0.73		
				09340	60.65 - 62.49	1.84	0.11		
				09341	62.49 - 63.60	1.11	0.01		
62.49 - 64.70	AND S; less altered than 51.20-60.65' Speckled w/ green porphy	ALT - W	@67.35 massive wht qz VN., barren, offset and sheared out of core; 1cm/35°CA	09342	63.60 - 64.70	1.10	0.01		
64.70 - 66.48	QZMZ., as @ 60.65 - 62.49	ALT - M/W.	@65.14 narrow qz ± cb ± sx vnlt. 2-5mm/15°CA LC is silicified, bx'd w/ qz-cb vning						
66.48 - 67.95	AND S; as previous	ALT - W.							
67.85 - 68.85	GRNT (?) Pink med grained, intrusive sparse qz, fsp up to 5mm (white) ~25% minor mafics to wnl	ALT - W.	@68.21 narrow alt AND? dyke/ 1.5cm/30°CA						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au g/t	Ag	Other
68.85 – 72.02	ANDS/DACT dyke; porphyritic where altered/bleached. (may only be visible when bleached. 69.44 - 69.80 Pink GRNT/QZMZ ?	ALT - M. (ser) 68.85 – 71.36 ALT-M, pale green w/ qz-cb tension fill vnlts 71.36 - 72.02 dk green,							
72.02 – 73.92	Pink GRNT/QZMZ ?, med to locally crs-grained; hbl matrix; magnetic where fresher	ALT - N/W, propylitic	uc sharp 30°CA LC sharp 75°CA						
73.92 - 74.68	ANDS/DACT, as previous								
74.68 – 79.70	Pink GRNT; as previous Appears to either grade into more typical QZMZ or becomes increasing propylitically and argillically altered by 78.70.	ALT - W/M, propylitic, -incr. ser w/ depth - v. rare matrix alt'n	uc 45°CA @ 76.40, fault zone, narrow, gouge qz + dk grey fine sx (?), limonitic frac sets @ 77.10 narrow qz-sx volt. 2mm/30°CA py+sfs ± aspy. @ 79.20 qz-sx vn 4/cm / 30°CA py + aspy (acicular needles) ± sfs	09348 09344	76.93 - 78.49 78.49 - 79.70	1.56 1.21	0.01 0.01		
79.70 – 80.58	ANDS; med, dk green, fn-grained,	ALT - W	@ 79.70 LC 50°CA	09345	79.70 - 80.58	0.88	0.03		
80.58 – 90.10	GRNT; pink, fs-rich	ALT - W/M; propylitic minor epi stringers.	uc intrusive w/ offset; 10-20°CA						
90.10 – 91.10	ANDS, as previous	ALT - W, except at LC where bleached over 10-15cm (pale green)	uc intrusive w/ offset; 10-20°CA LC intrusive, narrow fingers into GRNT						
91.10 – 106.03	GRNT, as previous	ALT - N/W, propylitic 93.50, zone of w/N ALT; propylitic	@ 97.37, v. narrow sx-qz stringer, 50°CA						
	v98.75 matrix appear (unaltered core), locally v. magnetic; 2-3% hbl								
	@101.50 Stained for K-spar. (fresh GRNT) K-spar fine grained (pink); larger plag xtals minor qz & hbl 50+% Kspar; 40% plag; 5% qz, 5% hbl.								

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	GRNT (cont'd)	@104.65-109.85, broken core, limonitic strs	105.81 - 106.37 Fault zone, crosses contact between GRNT + RHYL; clay & HG Fault @ ~15-20°CA						
106.30 - 149.03	ROF?; sporadic @ upper contact zone Rare qz phenos to locally absent, fsp phenos up to 3mm, paring & diffuse - 10-15%; weakly magnetic	ALT - N/W., though v. pnk alt^ @ uc. (S)	@110.30 Frac zone (~5cm), limonitic staining of fracs and into w/r for 2cm						
	112.06 - 116.57 core becomes paler and gradually fades back to typical pale green/ off white/ tan.	Numerous limonitic alteration zones along major fracs.; w/ feathery red/black mineral (hematite?)	Trace cubic py - over interval.						
	132.50 - 141.50 core becomes paler again. (ALT! grase?, poss epi - / K-spar.?)	Rare mafics chlor. tread.	139.30 - 142.46 Major Fault Zone. Core become v. broken & blocky, Minor gouge; occurs in pnk ROFP. (mostly);						
	147.14 - 149.03 RHYL becomes flow-banded and spherulitic (approaching contact) shearing incr	ALT M; seri incr, wk clay.	Hairline hem veins v.s in pnk ROFP, assoc w/ brecciating Flow-banding ~ 30°CA						
149.03 - 155.59	QZMP; strongly sheared and altered, v. soft & gouge @ UC Generally green due to seri alt^, esp @ uc & LC areas, but centre of interval more pink, less sheared,	ALT M, locally S. propylitic, argillic	UC - 30°CA  150.58 - 151.33 minor dk stylolitic veins, mostly chl, poss minor sx., oriented down CA; Assoc w/ strongly sheared QZMP (and strong alt^). @133.15; minor hairline hem veins in "pinker" QZMP						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
155.59 – 161.49	RQFP; trough qz phenos rare (<2%) locally spherulitic, generally homogenous v. light grey, off white,	ALT - M (sericitic) Rare green alt of phenos.	LC @ 155.59, sharp contact, faulted cleanly, little evidence of strong shear contact, esp in O7MZ. ~90°CA. @156.55 frac w/ hem alt. @158.80 shear/frac zone, leached dk vnlt; v soft clay altered ↳ 2mm/30°CA 161.28 - 161.49, brecciated RHYL, leached and clay-alt'd,		160.32 - 161.49	1.17	0.01		
161.49 – 177.73	O7MZ, sheared; blocky and broken.	ALT-S, strong propylitic	O7MZ @ UC v. strong sheared to clayey gouge; irreg contact w/ RHYL		161.49 - 163.24	1.75	0.01		
			161.91 - 163.77 narrow sx vnlts and vns; dominantly py (fn-grained), dk blue grey hairline vnlts, some disseminated py w/in O7MZ		163.24 - 164.11	0.87	0.26		
			@163.04 SX-Qz vnlt 5mm/30°CA; @163.17 Sheared O7MZ w/ sx veining		164.11 - 165.61	1.50	0.01		
	167.50 - 167.90 ANDS dyke, bleached, porphyritic (green hbl phenos)	ALT S/M	168.15 - 168.65, low angle cb-qz vn/fnr. 1-2cm / 10°CA						
	172.10 - 172.35 zone of fresh O7MZ (mafics & magnetic); generally 5-10cm areas								
177.73 – 205.02	RQFP/RFP; qz phenos present but v. minor <2% Flow-banded, spherulitic for 2.40m from UC; then grades into homogeneous off-white/tan RQFP.	ALT - M UC v. altered (X) clay, green ser, qz-cb alt'n	UC sharp, sheared, clay altered Near UC spherules/vugs infilled by lt. brown qz; cb alt'n halos. Flow banding 50°CA / 40°CA						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	RQFP (cont'd)								
	195.53 – 190.42 RQFP grades into and out of pale red/pink colour w/ grayish? alt'o ft phenos (epi ± chl)	ALT - M.							
	Below "pink zone", fracs in core w/ red/pink hem alt'n		195.20 - 195.55 Frac zone - fault? broken core						
205.02 - 207.83	QZMZ, med-grained, ; fsp phenos variable from zones v. rich (3-4mm, 30%) to zones where they are not so prominent		UC intrusive, irregular						
	205.02 - 205.57	ALT-S							
	205.57 - 206.24	ALT-M	@206.52 grey qz floating core, recr 5x	09350	205.02 - 206.24	1.22			
	206.24 - 206.98	ALT-S		09351	206.24 - 207.83	1.59			
	206.98 - 207.42	ALT-M							
	207.42 - 207.83 – qz flooding, disrupted rks.	ALT- S/x.							
207.83 - 210.30	RHYL - spherulitic; green near UC, becoming tan/brownish pink. Spherules quite large, up to 2cm.	ALT X → decreasing to M.	UC, major shear/fault plane, vuggy, highly vacked and clay altered (70°CA/ ~ 10cm wide) Qz, spherule frags.	09352	207.82 - 208.56	0.73			
		V. abund seri/clay in shear @ UC.		09353	208.56 - 210.31	1.75			
	@ 210.50 spherules decrease, more foliated/ flow banded to approx 211.30 (gradually fade out.								
210.30 – 220.98	R(D)FP, v. rare qz phenos. Tan to off-white; quite massive and competent,	ALT - M; seri dominant, minor chl.	Weak flow banding evident near start of interval (continuation of previous)						
			@LC, intrusive contact; sheared against pink QZMZ 40°CA.						

CME

Hole No.: GG03-1

Scale	From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	220.98 – 222.65	QZMZ, pink, med-grained, equigranular, wk shearing	ALT-M, propylitic; seri increasing (green)	@222.44 local tension-fill qz-cb veins						
	222.65 – 223.48	ANDS., sheared, med green to olive	ALT-M, bleached, chloritized phenos(?); mod seri,	UC, 20°CA Trace dissem py. LC, 35°CA.						
	223.48 – 225.99	QZMZ, as @ 220.98 – 222.65								
	225.99 – 230.92	RFP ± qz, (v. rare <<1%) V. similar to 210.30 – 220.98.	ALT-M; seri dominant.	UC, intrusive, weak shearing, irregular to no flow banding)						
		228.31 – 229.81 Spherulitic and wk shearing or poss flow banding (foliation)		Fol^n/flow banding in spherulitic section ~ 25°CA						
		229.81 → becomes v. homogenous w/ 10-15% fep phenos up to 5mm, looks fragmented (sub-hedral), v. minor chloritic (?) fracs (incursive), minor <5% chloritic phenos								
				@248.78, narrow qtz vnlt. along frac; some stib (?) in vlt, feathery!						
				251.53 – 251.71; dk stib? + pois py/aspy(?) in RQFP	09354	250.53 – 251.33	0.80			
					09355	251.33 – 251.81	0.48			
					09356	251.81 – 252.76	0.95			
		~253.60 increased shearing, alt^n, appears spherulitic								
		254.00 – 254.93 QZMZ xeno, contacts show ingress of RHYL melt along fracs V. sheared & altered; one ANDS xeno.		Below xeno, flow banding in RQFP, which shows offsetting; irregular orientation 20-30°CA						
		254.93 – Unit becomes more typical RQFP, distinct qz eyes (6-10%)	– ALT-S; incr argillic to clay alt^n							

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	(RQFP, cont'd)	~268 → contact, incr alt? entrained dk green ANDS frags 269.87, core reddish brown, v. sheared	@ 261.66 flow banding 50°CA						
			@ 270.10, injected/xenolith of ANDS/ QZMZ, completely altered to tan/yellow	09357 09358	268.55 - 269.87 269.87 - 270.92	1.32 1.05			
270.92 – 308.85	QZMZ, v. sheared, typical equigranular pink & green unit	270.92 - 272.42 ALT - S Dark grey mineral in QZMZ – probably dk seri (?) 272.42 - ALT M/S - pre-dominantly green seri/epi ical, bleached w/ wk. silicification (?)	UC w/ RQFP 35°CA: Strong shearing from 270.92 - 270.42 large frags, incr silicification, qz-flooding w/ sx @ 271.17, fragmented qz-sx vn(?); dominantly py + poss sph/aspy (but not identified positive) 279.37 – 279.68 Shear zone, rich epi/seri alt°, core slightly rubbled, but no significant fine-grained matrix @ 283.27 1mm sx vn.	09359 09360 09361 09362 09363	270.92 - 272.42 272.42 - 273.90 282.50 - 284.00 284.00 - 285.17 285.17 - 286.92	1.50 1.48 1.50 1.17 1.75			
	284.00 – 285.17 Zone of intermixed, sheared ANDS dyke material, showing multiple offsets ANDS pyritic to 3%; cb-qz stockwork due to tension-fill [mistake @ approx 286.50m, some core recovered, some lost]		287.00 → core increasingly fractured, blocky and sheared, ALT° increased slightly, locally pitted/leached of clay and salt minerals 291.55 - 292.20 shear @ near 11 to CA, chl/seri rich ductile planes between QZMZ.						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	QZMZ (contd)		295.88 - 296 sil flooding; minor py. 296.00 - 296.05 ductile shear, dk grey, v. fine grained clay, minor disseminated py in dk material ~4cm/45°CA Mill 92/Hop fragments.						
		299.97 - 302.47 ALT - M, mafics visible in QZMZ, weakly magnetic	304.81 -> core becomes blocky, frac'd ~~post fault from 304.81 - 306.48~~	09364 09365 09366 09367	303.43 - 305.93 305.93 - 306.50 306.50 - 308.00 308.00 - 308.85	2.50 0.57 1.50 0.85	—	check	interval in DX
308.85 -	AND S, fine grained dk green-grey. Very blocky and fractured, sheared with later faulting (?) ↓ CONTINUED NEXT PAGE	ALT - M. Prominent hematite on frac sfcs; and/or veins w/ cb.	AND! dyke pyrite, in veins and disseminated 3-5%. @ 312. v. broken core - fault?, gouge and/or clay alt'n.						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
308.85 – 314.07	ANDS, typical fine grained green dyke, thought few green phenos; likely due to shearing,	ALT - M, moderately bleached	Moderate qz-cb tension vein stockwork. Weakly pyritic; 1-2%, disem. LC - 45°CA	09368	308.85 - 310.35	1.50			
				09369	310.35 - 311.85	1.50			
				09372	311.85 - 312.57	0.72			
				09373	312.57 - 314.07	1.50			
314.07 – 359.79	QFMZ, med grained, variably altered;	ALT - W/N, propylitic w/ increasing sericitic overprint. (locally magnetic - N)		09374	314.07 - 315.50	1.43			
				09375	315.50 - 316.69	1.19			
	316.69 - 317.09 (approx), extremely fractured & broken ANDS dyke; same as previous.			09376	316.69 - 317.09	0.40			
			316.69 - 317.76 Fault zone, v. broken core through ANDS and QFMZ. better is argillically alt'd.	09377	317.09 - 317.46	0.37			
	@317.4 ANDS dyke frag 2cm/45°CA sharp contacts, sheared into QFMZ.			09378	317.46 - 319.26	1.80			
			317.76 → core becomes solid, competent						
		329.80 - 333.15 ALT - M. green sericitic, local shear planes	@330.60 leached zone ~15cm, (clay alt'n?)						
		335.88 - 336.38 ALT - M w/ local sil-flooding & qz veins; diffuse.	@335.5± APLTT dyke 1cm/55°CA.						
	@337.33 ANDS xeno; 4cm x 1cm		@340.64 shear, ~1cm, 20°CA						
	@342.50 APLT/AKOK dyke 5cm/40°CA		@345.00 shear (wk) - 9-10cm, silica 20-30°CA						
		352.10 - 353.82, ALT - M, shearing and silicification, strong seri, ±pl + chl.	@351.55, 351.87 narrow wht qz vnlts. @352.35 small qz vnlt w/ fsp? (white) assoc. py. rich chl in wallrock.						
			@352.47 small clot of py assoc w/ silica.						
	350.1 - 356.25 Felsic phase in QFMZ (?) pink v. fine grained and diffuse			09379	356.19 - 358.29	2.10			
			357.60 - 357.83 shear zone, poss ANDS original lith, HLBX; fragmented, cal and clay matrix 12cm wide / 25°CA	09380	358.29 - 359.79	1.50			
359.79 – 362.93	ANDS dyke; porphyritic - dk green phenos	ALT - M, bleached, wk sil(?) cb-qz stockwork hem alt'n on frac sfcs. Bleaching strongest @ UC/LC.	UC w/ shear; chl-cb-seri ~70°CA. Pyritic ANDS ~ 1-3%	09381	359.79 - 361.30	1.51			
				09382	361.30 - 362.93	1.63			

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	ANDS (cont'd)								
362.93 – 368.65	QZMZ, similar to previous QZMZ interval.	ALT-M., propylitic wi mod seri.	@LC, intrusive, irregular contact	09383	362.93 - 364.50	1.57			
				09384	364.50 - 366.00	1.50			
				09385	366.00 - 367.50	1.50			
				09386	367.50 - 368.65	1.15			
368.65 – 370.49	ANDS dyke, sheared	ALT M/S. - v. bleached to olive/green, - bright green sericitized phenos - qz-cb stockwork, mod-strong - locally pinkish colour (hem)	@368.17 shear, green-gray (like ANDS) 35-45° contact angles; LC sharp 45°CA @369.29 cb-qz-hem-seri vnlts, sheared Py 1-3% over unit	09387	368.65 - 369.65	1.00			
				09388	369.65 - 370.49	0.84			
370.49 – 377.83	QZMZ, sheared; with several strong ductile shears/cataclasites wi entrained qz/fsp xtals;	ALT - M/S. bleached and appears qz-flooded to silicified;	UC ~25°CA (sheared) Py - 3-5%, dissem, concentrating along fracs.	09389	370.49 - 371.48	0.99			
				09390	371.48 - 372.83	1.35			
		@371.63, around main shear, ALT-X, clay, seri	Main cataclasites/mylonites @: 371.05, several 1-3cm, black ~371.63; v. strong mylonite ~10cm wide wi qz/fsp xtals, foliated, milled; qz vn along boundary; dissem py throughout dk matrix which appears to be mostly chl/ser/fsx (py) ~20°CA						
372.83 – 375.63	ANDS, highly sheared, brecciated @ upper contact.	ALT-S, seri, sil (bleached) intense cb-qz crackle stkwk, (many v. thin hairline vnlts)	UC, irreg contact, brecciated. Mod. dissem py 1-3%, locally 5%.	09391	372.83 - 374.42	1.59			
				09392	374.42 - 375.63	1.21			
			@375.3 (approx) massive wht qz vn. 2cm/30°						
			375.35-375.93 fault zone; bx'd ANDS, gouge, clasts created 20°-30°CA						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
375.63 – 416.56	QZMZ - sheared	ALT - S decreasing to M.	UC DX'd w/ ANDS; part of fault zone; gougy till 376.60m.	09439	375.63 - 377.43	1.80			
				09440	377.43 - 379.00	1.57			
				09441	379.00 - 380.50	1.50			
				09442	380.50 - 382.00	1.50			
				09443	382.00 - 383.50	1.50			
				09444	383.50 - 385.00	1.50			
	385.12 – 385.35 FLDK, UC 50° sheared, LC intrusive, pveg			09445	385.00 - 386.50	1.50			
			[@391.97 missing some core, block position O.K.]	09446	386.50 - 388.00	1.50			
	@394.44 10cm FLDK (?), v. pale pnk.		@394.67 dk grey ductile shear/mylonite	09447	388.00 - 389.50	1.50			
			@397.21 narrow qz(cb) vnlt w/ strong epi alt'n halo; also semi; minor diss py.	09448	389.50 - 391.00	1.50			
		~398 ALT - S increasing to X by 416	395 – 396.50 Broken core - fault?	09451	391.00 - 392.50	1.50			
				09452	392.50 - 394.00	1.50			
				09453	394.00 - 395.50	1.50			
			@402.12 narrow mylonite band 40°CA.	09454	395.50 - 397.00	1.50			
			406.00 - 406.90 incr py diss 3%, numerous v. narrow qtz mylonite bands,	09455	397.00 - 398.50	1.50			
		406.35 – 407.50 silica flooding		09456	398.50 - 400.00	1.50			
				09457	400.00 - 401.50	1.50			
	409.91 – 410.15 ANDS dyke. (xeno?)			09458	401.50 - 403.00	1.50			
			@410.34 disrupted qz vn. wsl py + aspy?; Also poss aspy @ 410.38.	09459	403.00 - 404.50	1.50	3.76		]3.76/1.5m
			@410.70 qz-ser vnlt 5-7mm/ 45°CA + py + aspy?	09460	404.50 - 406.00	1.50	310 ppb		
				09461	406.00 - 407.50	1.50	535 ppb		1.82/ 10.5m
			410.70 – 411.00 strong shearing	09462	407.50 - 409.00	1.50	15 ppb ~~0.006 0.555 ppb~~		
				[09463	409.00 - 410.50	1.50	2.72		]2.70/ 4.50m
			@411.93 ANDS xeno?, py, tr. ~ 10-15%	09464	410.50 - 411.00	1.50	4.04		
			@413.25 mylonite / DX; dk matrix, mixed QtzMz (qz + ss)	09465]	411.00 - 413.50	1.50	1.35		
				09466	413.50 - 414.70	1.20			
	@415.75 ANDS (xeno), 10cm.			09467	414.70 - 415.70	1.00			
				09468	415.70 - 416.82	1.12			

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
416.56 - 416.82	ANDS dyke; typical bleached unit w/ cb-qz stkwk + grain seri.	ALT - S	Minor dissem py 3-5%.						
416.82 - 430.18	QZMZ, sheared	ALT - S/X.; complete sericitization of feldspars, v. lt, no mafic present; incr. clay alt'n.	Numerous narrow mylonitic shears (cm-dm), typically 2mm - 2cm, occasionally w/ near bx'd qtz of QZMZ. Orientation variably 25° - 85° CA. Dissem py. 1-3%.	09394 09395 09396 09397 09398 09401 09402 09403 09404	416.82 - 418.30 418.30 - 419.80 419.80 - 421.30 421.30 - 422.80 422.80 - 424.30 424.30 - 425.80 425.80 - 427.30 427.30 - 428.80 428.80 - 430.18	1.48 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50	0.01 0.03 0.22 0.49 0.76 0.86 0.20 0.03 0.04		
430.18 - 450.49	QZMZ sheared. 430.18 - 431.29; mylonite zone.	ALT - X (as above) complete ser. ritization, high clay content (no longer in core due to washing by drilling)	Mylonite shear zones throughout: 430.18 - 431.29; approx 9 black/dk grey, v. fine grained mylonite/cataclasite ~30° CA, 1-2cm, intense foliation fabric, disrupted qz vein frags? Pyrite dissem 1%, dk mylonite may contain v. fn sx but not visible; also likely alt ser zone	09405 09406 09407 09408 09409 09410 09411 09412 09413	430.18 - 431.29 431.29 - 432.11 432.11 - 433.61 433.61 - 434.36 434.36 - 435.28 435.28 - 436.19 436.19 - 437.19 437.19 - 438.17 438.17 - 439.51	1.11 0.82 1.50 0.75 0.92 0.91 1.00 0.98 1.34	0.81 0.43 3.58 0.07 0.04 4.67 0.53 0.21 5.87		
	431.29 - 432.11 - strong sheared QZMZ, minor black shears/mylonite 432.11 - 434.36 - v. strong shearing w/ mylonites & brecciated qz vn frags or silica flooding/remobilized qz from the QZMZ. 434.36 - 435.28 sheared QZMZ, minor black mylonite 435.18 - 436.19 v. strong mylonitic shear zone w/ brecciated qz vn fragment. 436.19 → extremely sheared QZMZ w/ localized mylonite shears; silica-rich		@432.22 qz vn.; one 5cm sheared out at 50°CA; py selv. & dissem 3-5% @432.72, more sheared qz vn; py ~ 3-5% v. fn dissem; poss aspy. 435.95 - 436.19 v. heavy, v. finely dissem sx; py + aspy (± sph/tet?) (Aspy extremely fine, but appears light grey vs. py); 20% sx @438.24 strong mylonite, aspy eggs.							

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	07MZ (con't)		438.56 – 439.19, qz-sx vnlng in foliated mylonitic shears, blue/white qz, massive py + local massive fine grained aspy + sph (brown-yellow)	09414	439.51 – 441.11	1.60	5.96		
			439.51: gouge zone in mylonite, grey clay.						
			440.59 – 440.7. qz vnlng as above. white/blue qz w/ interstitial sx of py + probable aspy, sph.						
	441.11 – 441.57 Sheared 07MZ, rare black mylonite		@441, mylonite 9cm/35°CA, w/ bx'd frags; 10%-15% py.	09415	441.11 – 442.78	1.67	0.22		
	441.57 – 441.60 Thin ANDS dyke, completely sheared and altered, bright green seri gneiss.		@441.75 black mylonite 5cm/70°CA						
	442.78 – 443.74 – may be an old ANDS dyke – ANDS frags with mylonite		442.78 – 443.74. V. strong mylonite breccia zone.; qz vn frags ANDS frags up to 5cm, 07 vn material w/ 5% py, aspy, minor sph.	09416	442.78 – 443.74	0.96	11.90		
				09417	443.74 – 444.77	1.03	4.32		
				09418	444.77 – 446.02	1.25	6.43		
	@444.32 Probable ANDS frag/xeno, sulph-altered w/ 25% py + aspy – v fn grained			09419	446.02 – 447.18	1.16	2.87		
			444.77 – 446.02 v. strong mylonite qz vn bx; 50% mylonite, 40% qz-sx vn.; 5% py 10-20%, aspy 2-5%, sph <1%.	09420	447.18 – 448.88	1.70	0.37		
	446.02 – 449.34 v. strongly foliated/altered 07MZ. 40-50°CA			09421	448.88 – 450.47	1.59	1.20		
			448.88 – 450.47 Foliated mylonite to qz-bx; mylonite v. strong from 449.96 – 450.47 – contains qz vn frags in sx matrix 15-20% py; ~1% aspy (visible)						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
450.47 - 456.04	RHYL, flow-banded and sheared; off-white to tan; 1% qz. phenos; ragged fsp. phenos (ROFP-central marker?)	ALT - S/X; green seri alt^{n} concentrated along flow-bands bleached	Disseminated py 1-2%; patchy	09422	450.47 - 452.00	1.53	0.84		
			@ 451.01 sheared in block (xeno?) of qz-sx vn/mylonite (covers on ½ of core) w/ ~30% py.	09423	452.00 - 453.50	1.50	1.37		
			Flow banding 25-45°CA						
			Patchy dk blue-grey diffuse mineral-sx?, seri?; difficult to distinguish in hand lens; appears to be some assoc sx (py, marig), stib?						
	454.49-454.90 v. complexly emplaced med grey ROFP in off white ROFP; v. narrow shear planes (blue grey mud?)		V. concentrated @ 453.95, 454.96						
			450.45-452.73; frac'd core w/ "stylolitic" pyrite walls, anastomosing, 20-30°CA Look like frac are bleeding off main	09424	453.50 - 455.00	1.50	0.88		
			Fracture 15°CA; Py walls w/ dk blue mineral	09425	455.00 - 456.04	1.04	0.45		
456.04 - 473.96	QFMZ, sheared and internally fractured	ALT - X; green seri alt^{n} probably some clay alt^{n} (core pitted and leached looking	UC marked by 1cm/30°CA mylonite	09426	456.04 - 457.50	1.46	0.13		
		local silicification or qz-flooding particularly @ 456.05-456.75 458.29-459.03 →	457.53-457.69 Mylonite w qz-sx vn Prags w/ py+ aspy (5%, 1-2%, resp.)	09427	457.50 - 459.03	1.53	2.84		
			Assoc qz veining w/ minor py, post aspy. Vns ~ 1.5cm, massive wht w/ grey traces.						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	(QFMZ, sheared, cont'd)	Core v. soft + pitted (clay washed at by drilling ?) Local zones of qz-flooding and/or silicification evident	463.16 - 463.85 sheared, brec qz-sx vn and mylonite; dissem locally 15%, overall 3%, py ~10%.	09428	459.03 - 460.50	1.47	0.07		
				09429	460.50 - 462.00	1.50	0.01		
				09430	462.00 - 463.16	1.16	0.37		
				09431	463.16 - 463.85	0.69	4.76		
		approx 460m; ALT decreases to strong for rest of hole.	463.55 - 465.35; narrow low angle to CA (virtually parallel) massive stibnite veins; @ 464.10 vn ~ 5mm wide, subparallel to CA (core v. noticeably wt high heft)	09432	463.85 - 465.44	1.59	0.38		
				09433	465.44 - 467.00	1.56	0.07		
	471.93 - 472.53 dk grey/green QFMZ; qz.			09434	467.00 - 468.50	1.50	0.06		
	472.53 - 472.91 RHYL? or sil-flood zone, dk homogeneous fine core, wl sx. (py + stib?); sharp u/l contacts 35°			09435	468.50 - 469.50	1.00	0.03		
				09436	469.50 - 470.46	0.96	0.11		
			470. - 470.5 (approx) Fault?, broken core, poor recovery;	09437	470.46 - 471.93	1.47	0.07		
				09438	471.93 - 472.91	0.98	0.46		
473.96	END OF HOLE			09439	472.91 - 473.96	1.05	< 0.01		

CME

GG03-2

assay entered
zone official
326.18
373.55

Project name: SKUKUM
Project #: PSED
D.D. Hole #: GG03-2

Length (m): 497.55
Grid: UTM NAD83
Dip: -58°
Azimuth: 173°
Core size: NQ

Contractor: CARON
Northing: 6673019.259
Easting: 483857.503
Collar Elev.: 1069.156m

Hole survey type: MULTISHOT
Started: 10/23/03
Completed: 10/29/03
Logged by: TV
Date logged: 10/29/03 - 10/30/03

Depth	Dip	Azimuth

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0 - 3.19	CASING / NO CORE RECOVERY								
3.19 - 28.32	QFMZ; v. dk compared to typical QFMZ in the area; med to dk green-grey, texture fairly diffuse and mottled Mod-strong qz-cb stockwork varying throughout the unit V. magnetic ↳ GRDL phase?	ALT - M - approx chlorite - minor ser. - qz flooded? - local K-spar, but rare. - hem or fract and disc w/ veining - limonite ≤1% on fracs.	V. rare py., but may be v. fine grained 10.50 - 14.25 abundant silica and qz veins w/ hem, chl, ser.	09471	6.40 - 7.92	1.52	5	0.2	
				09472	7.92 - 9.45	1.53	5	0.2	
				09473	9.45 - 10.97	1.52	5	0.2	
				09474	10.97 - 12.50	1.53	5	0.3	
				09475	12.50 - 14.02	1.52	5	0.3	
				09476	14.02 - 15.54	1.52	5	0.2	
				09477	15.54 - 17.07	1.53	5	0.2	
				09478	17.07 - 18.59	1.52	5	0.2	
				09479	18.59 - 20.12	1.53	5	0.2	
				09480	20.12 - 21.64	1.52	60	0.2	
	28.32 - 29.41; fine-grained intrusive, v dike, pale grey matrix, biotite speckled Dior?	ALT-X, v silic, clay-carb, friable		09481	21.64 - 23.16	1.52	5	0.2	
				09482	23.16 - 24.69	1.53	5	0.2	
				09483	24.69 - 26.21	1.52	5	0.2	
				09484	26.21 - 27.58	1.37	5	0.2	
38.32 - 63.40	QFMZ; appears locally sheared, intense clay alteration through most of unit - no magnetite, highly fract'd & faulted.	ALT - X/S, clay altn; v bleached core, mod. ser.	No py visible	09485	27.58 - 28.96	1.38	5	0.2	
				09486	28.96 - 30.78	1.82	5	0.2	
				09487	30.78 - 32.20	1.42	5	0.2	
			35.50 - 35.70 FLT Z	09488	32.20 - 33.68	1.48	10	0.2	
				09489	33.68 - 35.20	1.52	520	0.3	
			39.10 - 39.45 shear zone; ductile w/ abundant green ser? or epi?; also dk ductile shear @ 39.35; minor py pass thru disseм. 70° CA	09490	35.20 - 36.73	1.53	5	0.2	
				09491	36.73 - 38.40	1.67	5	0.2	
		HVS - 44.50 rubbly core, start of X - clay altn QFMZ, soft & gouge-like, harder sections are v. clay removal		09492	38.40 - 39.93	1.53	5	0.3	
				09493	39.93 - 41.45	1.52	5	0.2	
				09494	41.45 - 42.98	1.53	5	0.2	
				09495	42.98 - 44.50	1.52	5	0.2	
	4	44.50 - 47.30 Pink QFMZ, not K-spar (stain-tested); poss remaining of fsp??;	grey blue chalcedony veins following core axis in pink QFMZ	09496	44.50 - 46.02	1.52	5	0.2	
				09497	46.02 - 47.40	1.38	5	0.2	

Hole No.: GG03-2

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(QZMZ, rental)								
	48.50 - 48.65 ANDS dyke, quite solid & competent despite alt° of QZMZ surrounding it; Upper & lower contacts 45°CA.	ALT - S; ser/clay	Rare py w/ limonite halves in ANDS dyke (1<1%)	09498	47.40 - 48.46	1.06	5	0.2	
				09501	48.46 - 49.07	0.61	5	0.5	
				09502	4907 - 5059	1.52	5	0.5	
			@ 51.49 narrow valt/sheer w/ ok	09503	5059 - 57.12	1.53	5	0.2	
	56.34 - 56.94 RHYL? dyke; tan coloured & altered v. soft but still more competent than bracked host QZMZ (possibly different) Upper lower contacts @ 45°CA	ALT - X; clay.		09504	57.12 - 53.64	1.52	5	0.2	
				09505	53.64 - 55.17	1.53	5	0.2	
				09506	55.17 - 56.34	1.17	5	0.2	
	@ 57.89 - 17cm ANDS dyke - v. altered (clay)			09507	56.34 - 56.94	0.60	5	0.2	
	@ 58.60 - bleached, v. alt'd ANDS dyke, or poss RHYL; porphyritic w/ sericitized fsp phenos. Texturally appears closer to ANDS of the area.			09508	56.94 - 58.22	1.28	5	0.2	
				09509	58.22 - 59.74	1.52	5	0.2	
				09510	59.74 - 61.26	1.52	5	0.2	
63.40 - 64.75	RHYL dyke, v. alt'd, probably a Qz eye feldspar porphyry protolith; lots of phenos with qz replacement	ALT - X v. bleached, but mottled w/ brown and v. pale yellowish colour.	Py absent LC @ 64.75 fault?	09511	61.26 - 62.18	0.92	5	0.2	
				09512	62.18 - 63.40	1.22	5	0.2	
				09513	63.40 - 64.75	1.35	5		
64.75 - 68.31	QZMZ.	ALT - S/X; strongly bleached, still hard, therefore less clay; ser rich + epi. Probably silicification.							
68.31 - 70.25	RHYL; same as 63.40-64.75 Flow banded + spherulitic. (ROFP)	ALT - X							
70.25 - 73.00	QZMZ; as 64.75-68.31	ALT S/X	@ 72.27 LK sheer stringers (?)						

Hole No.: G603-2

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
73.04 - 79.16	RHYL dyke, (RQFP), 10% qz eyes general pale green (with exceptions noted below)	ALT - S/X.	UC fault?, ~ 85°CA.						
	73.04 - 77.02 Pale green RQFP.								
	77.02 - 78.03 Pale red/pink RQFP; upper/lower boundaries of colour quite distinct.								
	78.03 - 79.16 Green RQFP, extremely alt'd w/ sericite; v. soft, clay content is v. high.		LC sheared ~ 30°CA, sharp + distinct						
79.16 - 171.67	QZMZ,	ALT - S; seri + clay common; v. minor mafics	Minor py < 1%						
	80.07 - 80.22 Narrow green RQFP, highly sericitized/alt'd								
		84.26 → ALT - M.	@ 81.38, felsic phase w/ abund seri assoc in narrow veins (green) Felsic QZMZ (pink) w/ py nodes						
		87.48 → ALT - W.	@ 85.54 07-CD vn w. py + wallrock ~ 5% as vn py up to 20cm into QZMZ	09514	85.34 - 85.94	0.60	5		
		90.97 → magnetic appears w/ decrease in ALT'n							
	Major textural alteration zone from 28.32 to 91.64m (63.32m)	91.64 → essentially fresh QZMZ v magnetic; pink + dk green, hard + competent; minor chl alt'n of mafics							
			98.45 - 98.53 shear, strong seri alt'n w/ qz vn + cb.; gouge. 50m/c.a. CA						
		105.30 → incr ALT to W/M. propylitic.							
	108.13 - 108.74 ANDS dyke; ALT - W dk grey green; v. broken core.	105.90 - 113.24 ALT - M w/ local zones of strong seri/clay alt'n		09515	105.90 - 106.83	0.93	10		
				09516	106.83 - 108.13	1.30	5		
				09517	108.13 - 108.74	0.61	5		
		109.40 - 110.15 qz vning and qz flooding in core		09518	108.74 - 110.49	1.75	5		
		110.15 - 110.49 ALT - S, shear? localized, wdy.							

CME

Hole No.: GX03-2

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(QZMP, cont'd)	113.15 ⇒ ALT W/N weak to moderately propylitic		09519	110.49 - 112.00	1.51	10		
		QZMP, increasingly pinkish, w/ incr. grade of propylitization	120.96 - 121.10; shear zone w/ mass; wht qz-sx vn in core. Vn is 2cm @ 85°CA, w/ minor py. Most py is in wallrock & vein margins up to 10-15%; v. finely disseminated.	09520	119.96 - 120.96	1.00	5		
				09521	120.96 - 121.10	0.14	70		
	127.00 - 128.15 ANDS dyke; med green completely internally fractured w/ hairline cb-qz veins, trace qz-cb veins, ANDS becomes v. dark halo @ 128; dk grey Sx? in fx & f/stained LC			09522	121.10 - 122.10	1.00	55		
				09523	127.00 - 128.15	1.15	5		
	@129.40 a. 131.61 Red/pink v. fn grained FLDK, sheared & discontinuous		137.80 - 138.05 fractured zone w/ grey chalcedony vn & rx composite w/ qz vn w/ ~ 5% finely disseminated py; 11m/60°CA	09524	136.84 - 138.14	1.30	15		
		138.14 - 139.15 ALT - M; green ser. alt'n of QZMP w/ 3-5% py		09525	138.14 - 139.15	1.01	25		
				09526	139.15 - 140.51	1.36	15		
		142.147; variable ALT from W - S; clayey w/ mod prop.	@157.50 clayey, gouge seam 50°CA.						
			@153.80 qz cb vnlet & blue-grey chalcedony vnlt w/in ser. alt'd QZMP						
		157.28 - 158.55 ALT - Y, clay wise alteration halo around vuggy decomposed, qz-chalcedony vn ~ 4cm/ 70°CA		09527	157.28 - 158.54	1.27	10		
				09528	158.54 - 160.10	1.56	15		
		158.55 - 161.91 ALT - S; clay - ser. alt'n, minor qz-cb vning py ~ 1%		09529	160.10 - 161.91	1.81	5		
		ALT - S ⇒ continues. strong green ser; clay back sets on QZMP.							

CME

Hole No.: GG08-2

Scale	From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
		(QZMZ, cont'd)	169.70 - 170.65 strong propylitic ALT - M		09530	169.69 - 170.65	0.96	60		
			170.65 - 171.67 ALT - S	171.05 - 171.67 pyritic QZMZ, fine grained dissem, makes core appear dkar 5%	09531	170.65 - 171.67	1.02	5		
	171.67 - 173.02	ANDS dyke; upper contact faulted w/ offset, v. pyritic	ALT - S/M. v. bleached, Upper zone strong alteration, v. frac'd w/ qz veining	Py dissem 5%, discrete patchy blebs	09532	171.67 - 173.02	1.35	25		
				@172.08 FLT, ALT-X, clay, v. Silica rich						
				@172.19 QTVN, mass wht 1cm/50°CA no Sx in VN, but py along selv.						
	173.02 - 174.49	QZMZ, finer grained than typical QZMZ, less mafics	ALT - M.	LC, intrusive 55°CA. Rare py.	09533	173.02 - 174.49	1.47	15		
		@174.42 ANDS dyke. 3cm/40°CA. pyritic								
	174.49 - 175.94	ANDS, porphyritic, mod qz ± stockwk vns.	ALT - M/S, bleached & planes sericitized	Rare py <<1%.	09534	174.49 - 175.94	1.43	5		
	175.94 - 181.31	QZMZ, as @ 173.02 - 174.49	ALT - M/S increased seri. of fsp; v. pale green to pinkish, v. faulty no mafics left.	UC shears w/ abundant qz-cb veins, ~50°CA.	09535	175.94 - 177.50	1.56	5		
				@ 175.99 small shD occurrence, discrete.	09536	177.50 - 179.00	1.50	5		
				Through interval py spotty, but present <1% to 2% v. locally, (<10cm zones)	09537	179.00 - 180.50	1.50	5		
		176.44 - 176.64 ANDS dyke, bleached. 2-3% py.	ALT-S around ANDS intrusives		09538	180.50 - 181.31	1.50	5		
		@177.37 narrow ANDS stringer								
				181.00 - 181.31 Bx QZMZ, in lava w/ UC contact w/ ANDS. Minor py	09539	181.31 - 182.20	0.89	5		
	181.31 - 182.20	ANDS, porphyritic	ALT - S bleached, Sericitized.	UC ~ 5-10°CA, bx'd, shattered						
				LC w/ fault offset/gouge.						

CME

Hole No.: GG03-2

Scale	From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	182.20 – 183.23	ROFP, brecciated margins, highly sheared internally, flow banded and spherulitic 187.76 – 183.23 Low angle contact of ANDS below; br'd up RHYL frags in dk green seric matrix	ALT – X; bright green sericite alt'n; esp along flow bands	UC, fault offset against ANDS; ROFP is clay altered, v. friable Flow banding ~30°CA. Py ~1%, ~2% in br'd margin (lower contact)	09540	182.20 – 183.56	1.36	5		
	183.23 – 183.56	ANDS, porphyritic	ALT – S.	UC – 30°CA LC – 40°CA, sheared						
	183.56 – 185.22	ROFP, flow banded, spherulitic, wkly sheared	ALT – S, v. white, locally pinkish brown clay/seri alt'n	Flow bands quite faint, v. low angle to CA; 10°. @185.22 LC sharp against QZMZ	09541	183.56 – 185.22	1.66	5		
	185.22 – 191.33	QZMZ, as previous, finer grained than typical, v. friable, no mafics left. wk shearing, localized along free planes	185.22 – 187.33 ALT – M (propylitic) 187.33 → ALT – S sericite	Very rare, localized py <<1% @188.36 grain of stib. v small.	09542 09543 09544 09545	185.22 – 186.80 186.80 – 188.30 188.30 – 189.80 189.80 – 191.33	1.58 1.50 1.50 1.53	5 5 10 10		
	191.33 – 193.82	ROFP, v. pale greenish brown to white qz eyes phenos ~3%; v. fn grained matrix. Flow banded.	ALT – M/S, faintly soft w/ clay alt'n on fract.	upper and lower contact angles v low to CA, 5–100 each Flow bands 15–20°CA @LC 40°CA	09546 09547	191.33 – 192.58 192.58 – 193.82	1.25 1.24	5 5		
	193.82 – 200.65	QZMZ, sheared	ALT – S.; sericite, minor clay on free shrs	Rare diss py <<1% 196.32 – 196.58 QZ-SX VN; gnrd ser ± chl ± stib mineralization diffuse in VN and selv.s; py locally; may also be v. fine grained VN is disrupted, sheared and brecciated	09548 09551 09552 09553 09554	193.82 – 195.06 195.00 – 196.64 196.64 – 198.14 198.14 – 199.32 199.32 – 200.65	1.24 1.58 1.50 1.18 1.33	20 60 5 5 5		

CME

Hole No.: G703-2

Scale	From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	200.65 - 201.48	ANDS, porphyritic, mod qz-cb fracture gash infill stkwk;	ALT - M/S, green sericitic alt'd fsp phenos.	Rare - py. Upper/lower contacts 70-25°CA	09555	200.65 - 202.02	1.37	5		
	201.48 - 202.02	QZMZ, sheared.	ALT - S.							
	202.02 - 202.97	ANDS or poss RHYL.; not porphyritic @ upper section (202.02 - 202.48)	ALT - S/X		09556	202.02 - 202.97	0.95	5		
				202.48 - 202.68 BX, ~40°CA, looks like QZMZ protol.?, v. sericitized; qz-fsp frags with narrow green seri stringer.						
		202.68 - 202.97 Typical alt'd porphyritic ANDS.								
				@ LC, sheared/discordant (<1cm) contact w/ 202.97.						
	202.97 - 211.15	RHYL; various phases of RHYL dyke through zone; Flow banded/spherulitic, massive qz-fsp porphyry, v green sericitized; to weakly altered	ALT - M, variable. seri + clay common	V.V. rare py.	09557	202.97 - 203.97	1.00	5		
					09558	203.97 - 205.59	1.62	5		
					09559	205.59 - 206.89	1.30	5		
		202.97 - 203.97 spherulitic, mottled	ALT - S		09560	206.89 - 208.03	1.14	5		
		203.97 - 206.84 spherulitic; general tan to buff, increasingly brown red toward end.	ALT - S		09561	208.03 - 209.46	1.43	5		
					09562	209.46 - 211.15	1.69	20		
		206.84 - 208.03 . green, sericitized; soft + clayey @ upper edge.	ALT X/S.							
		208.03 - 209.46 - brown/white mottled/flow banded crumbly down CA.; silica rich	ALT - M							
		209.46 - 211.15 - green sericitized, strong flow-banding, soft, clay alt'd; flow bands ~40°CA.	ALT - Y							
				LC strong shearing 65°CA						
	211.15 - 212.12	QZMZ, pinkish;	ALT - S; seri. mod-strong qz-cb stkwk		09563	211.15 - 212.12	0.97	5		
	212.12 - 213.05	ANDS, porphyritic - unit bounded on both contacts by QZ-SX VNS + BX		UC (vn contact) 25°CA @212.20 QZ-SX VN. ~4cm/25°CA sheared and disrupted; up to 15% fsp py in seams parallel to vn; also rare asspy as stgb	09564	212.12 - 213.05	0.93	325		
				213.95 - 213.05 QZ-SX VNS / BX (contact) py ~5%, + fn pyrite						

CME

Hole No.: G403-2

Scale	From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	213.05 – 214.16	QZMZ, extremely sheared; v. little texture visible.	ALT-X; ser/clay	V. minor py <1%.	09565	213.05 – 214.16	1.11	5		
	214.16 – 228.70	RHYL; variable; ROFP, flow banded to massive; green to tan to buff	ALT-M/S. variable.							
		214.16 – 216.07 green ser-rich.	ALT-S							
		216.07 – 219.80 mottled buff to reddish brown, flow banding, minor bx'n, but mighty fract'd.	ALT-M/S							
		219.80 – 224.86 Qz-fsp porphyry. Low matrix, massive	ALT-M							
		224.86 – 228.70 mottled, grey green, grades into flow-banded, clearly spherulitic	ALT-S							
	228.70 – 230.57	QZMZ, sheared altd; pinkish.	ALT-S; ser-rich, clay on frac sfcs - poss Kspar altn	Upper contact to 228.70 is faulted – broken core V. virtually barren of py						
	230.57 – 234.42	RHYL, ROFP.	ALT-S, abund ser/clay v minor cb altn Rare rem altn	UC ~ 85°CA Internally highly fract'd but still remnant texture; healed w/ v. fine grained Qz (chalcedony?) locally bx'd.						
		230.57 – 231.68 Green ser-rich, flow banded								
		231.68 – 233.50 Brownish white, abund hematite fracs, generally oriented along core axis.								
		233.50 – 234.42 Green flow-banded, sheared			09566	233.50 – 234.42	0.92	5		
	234.42 – 234.90	QZMZ, sheared, v. pink.	ALT-S	LC 70°CA.	09567	234.42 – 234.90	0.48	5		
	234.90 – 238.15	RHYL/ROFP, sheared to brecciated Unit is completely fractured w/ infill by fine-grained light grey Qz (chalcedony?) most fracs <1mm, with major one 1-2mm or more primarily down CA.	ALT-S/X. Contact is bright green, complete sericitization	UC ~ 40°CA Py extremely rare to absent	09568	234.90 – 236.60	1.70	6.5		
					09569	236.60 – 238.15	1.55	20		
				LC, v. soft breccia along low angle shear plane; green/red/brown, rubble, 20°CA.						

CME

Hole No.: GX03-2

Scale	From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au ppb	Ag	Other
	238.15 - 239.57	QZMZ; (mostly); competent	ALT-S; seri dominant.	Upper and lower contacts v. sheared against ROFP, ~ 20-30cm from contact (both), fine-grained amorphous grey green material intermixed w/ QZMZ. - poss RHYL matrix	09570	238.15 - 239.57	1.42	0.15		
	239.57 - 241.48	ROFP; sheared, completely all'd	ALT-X, green, sericitized ancstrix, trp phenos clay altered; abund clay on fracs. Some yellow-brown alt'n - probable K-metas	Long low angle to CA fracs in rock. Py absent.	09571	239.57 - 241.48	1.91	10		
	241.48 - 245.77	QZMZ; competent; wk internal shearing most @ contacts.	ALT-S; seri	V. rare to absent py.	09572	241.48 - 243.00	1.52	20		
				~244 - 245.77 core becomes much darker - due to increased mafics, possibly some SX content, but not visible w/ hand lens	09573	243.00 - 244.50	1.50	5		
					09574	244.50 - 245.77	1.27	10		
	245.77 - 265.22	RHYL, flow banded + spherulitic to massive homogeneous tan/buff colour to feldspar porphyry	ALT-M; wk seri; wk clay; quite hard; may be silicified	Py absent. Flow banding near contact ~30°CA	09575	245.77 - 247.19	1.42	5		
		~247.20 become massive homogeneous RFP, v. hard and silicified; reddish brown to tan; 7cms of possible small grey qz eyes;	Reddish-brown core and pale frp - K-spar alt'n (?)	@UC; green, v. all'd shear plane in RHYL - complete serictization. Contact is 20°CA.						
		260.2 → reverts to buff/tan flow-banded RHYL (RFP) w/ a few qz eyes, but rare. Flow banding more intense near LC		@258.45 small fault, broken core.						
				@263.81 br. narrow. Flow banding ~ 35°CA.						
				@LC contact 30°CA						

CME

Hole No.: CK03-2

Scale	From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	265.22 – 277.63	QZMZ ; pink, competent. @ 266.10 FLDK, poss ALT ; 1.5cm/15°CA v. pink & fine grained ; surrounded by green argillic alt'n	ALT - M/S ; strong sericitization of fsp, also K-spar alt'n of QZMZ giving pink colour 274.10 – 277.00 ALT-S, seri ; increased py content = 1-2%, finely disseminated, occasionally in sr stringers	265.22 – 266.17 , sheared ; wk poss SX (silvery - ser? - may be mica flecks - difficult to distinguish) @ 274.90 dk QZMZ, due to some SX + clay ; sheared @ 276.0 felsic xenos ?, rounded @ 274.95 shear plane: 15-25°CA, brit.	09576 09577 09578 09579 09580 09581 09582 09583	265.22 – 266.17 266.17 – 267.70 267.70 – 269.20 269.20 – 270.70 270.70 – 272.20 272.20 – 274.10 274.10 – 275.80 275.80 – 277.63	0.95 1.53 1.50 1.50 1.50 1.90 1.70 1.83	15 10 5 5 30 5 35 35		
	277.63 – 286.30	ANDS dyke, porphyritic (fsp phenos, poss hbl (chl) phenos) ; wk qz-cb stockwork (tension gashes) ; gen'l homogenous ; green-grey 281.93 – 282.24 K-spar alt'd QZMZ xeno ? sheared contacts 75°CA. 283.47 K-spar alt'd QZMZ, 2cm/20°CA.	ALT-W ; weak chl, minor hem ; concentrated on fracs & in qz-cb veins.	Py v. rare << 1%, dissem cubic	09584 09585 09586 09587 09588 09589 09590	277.63 – 279.30 279.30 – 281.00 281.00 – 281.93 281.93 – 282.24 282.24 – 283.74 283.74 – 285.29 285.29 – 286.30	1.67 1.70 0.93 0.31 1.50 1.55 1.01	20 10 5 5 5 5 10		
	286.30 – 311.92	QZMZ, sheared 286.30 – 286.60 v. fn grained, sheared QZMZ, original texture obscured, no mafics 286.60 – 287.33 QZMZ texture visible but still sheared, highly alt'd 287.33 – v. sheared QZMZ ; locally qz-flooded, generally incr py concentrations in areas of high strain, v. finely dissem shear planes generally oriented v low angle to CA ; but many other orientations as well.	ALT-S ; seri, bleached. locally X. ALT-X ALT-X 287.33 ⇒ ALT-S.	Py 1-3%, cubic + v finely dissem clusters and stringers 287.33 – 288.83 incr qz veining (flooding) w/ py assoc ; 2-3%. 295.80 – 296.10 shears down CA, dk grey green fine grained seri / felsic 296.42 – 297.70 area of incr. silica + qz veining w/ incr py ~ 3-5%.	09591 09592 09593 09594 09595 09596 09597 09598	286.30 – 287.33 287.33 – 288.83 288.83 – 290.33 290.33 – 291.83 291.83 – 293.30 293.30 – 294.80 294.80 – 296.30 296.30 – 297.80	1.03 1.50 1.50 1.50 1.47 1.50 1.50 1.50	25 795 35 25 15 10 20 495		

CME

Hole No.: GG03-2

Scale	From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au ppb	Ag	Other
		(QFMZ, cont'd)		@ 297.09 poss asphy (?). v fn grained greenish-yellow alt'n mineral nearby. (As-ox?)	09601	297.80 - 299.30	1.50	10		
					09602	299.30 - 300.80	1.50	10		
				@ 297.57 sheared qz vn ~3cm/25°CA ok banded sericite	09603	300.80 - 307.30	1.50	15		
					09604	307.30 - 308.80	1.50	10		
		298.64 - 299.19 fine grained felsic phase (?) of QFMZ; v. pale & bleached. ALT-X		@ 297.97 shear/DX zone 3cm/25°CA	09605	308.80 - 305.30	1.50	10		
					09606	305.30 - 306.80	1.50	20		
				@ 301.43 sheared, narrow qtvn (?) blue grey qz frags, qty ~5%	09607	306.80 - 308.30	1.50	10		
					09608	308.30 - 309.80	1.50	5		
				@ 305.88 sheared qz vn; 2cm/45°CA	09609	309.80 - 310.90	1.10	165		
			307.54 - 308.14 ALT-X.	@ 307.02 sheared qz vn 2cm/35°CA. v. fn oilsh qz in wallrock / sericite. Angle xcng below	09610	310.90 - 311.92	1.02	5		
	311.92 - 322.17	RQFP, sheared, (internal brecciation fragments); green-grey fn colour.	ALT-S.	UC intrusive, low angle to core axis, crackle-brecciating from 311.92 - 312.18	09611	311.92 - 313.40	1.48	5		
		320.67 - 321.51 Intermingled RHYL/QFMZ, contact irregular, orientation down core axis; QFMZ is ALT-S, brecciated		@ 312.32 QFMZ xcng w/ py.	09612	313.40 - 314.90	1.50	5		
				313.28 - 313.58 FAULT, broken core, clasts @ low angle to CA. Minor stringy py seams.	09613	314.90 - 316.40	1.50	10		
		321.51 - 322.17 RHYL only			09614	316.40 - 317.90	1.50	5		
					09615	317.90 - 319.40	1.50	5		
	322.17 - 324.60	QFMZ, sheared	ALT-X, seri/clay alt'n, v. sheared w/ qz stringers	Highly fract'd core due to shearing	09616	319.40 - 320.67	1.27	5		
					09617	320.67 - 321.26	0.59	25		
					09618	321.26 - 322.10	0.84	15		
		322.97 - 324.60 v sheared QFMZ w/ foliation fabric developed and several parallel qz vns			09619	322.10 - 323.73	1.63	5	0.3	
				@ 323.94 qz-sx (py±cpy) vning, v sheared, 1cm/50°CA with apparent leakage into wallrock	09620	323.73 - 324.92	1.19	20	0.5	
				@ 324.50 qz vn 2cm/50°CA, dk overlie fracture plane at vein margin						
	324.60 - 325.82	RHYL; pale green, siliceous, locally silicified/qz flooded	ALT-X	UC, v strong cataclasis, fracture 35-40° w/ v fn oilsh qz, Minor side wallslip (or grey blue gouge)	09621	324.92 - 326.18	1.26	50	0.2	

CME

Hole No.: GG03-2

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au ppb	Ag	Other
325.82 - 326.18	OZMZ, sheared	ALT - X, clay rich	325.82 - 327.45 FLT-Z; broken or v. frac'd core; crosses lith boundary.						
326.18 - 327.45	RHYL; v. frac'd, alt'd & sheared	ALT - X	1-2% disem py, pass rare QFP veins w/ py.	09622	326.18 - 327.33		290	0.4	Au
				09623	327.33 - 327.96		>1000	1.8	2.43g/t
327.45 - 328.27	MYLT; probable OZMZ original lith; v strong mylonite shear contact	ALT - X, clay, v. soft.	327.45 - 327.60 MYLT w/ qz-sx vn frags	09624	327.96 - 328.73		5	0.2	
			@327.90 MYLT w/ qz augen / frags.						
			@328.10 qz-sx vn frags entrained in shear fabric; mostly py assoc w/ vn frags.					Check	Max interval
328.27 - 328.73	ANDS, porphyritic; fine grained	ALT - X; silicified & bleached	@328.27 contact is ductile cataclastic shear.						
			ANDS w/ 1-2% disem py						
328.73 - 329.19	MYLT zone; fabric @ 20-40° CA; dk matrix of sericite(?) and qx; ore lenses (3cm) entrained qz-sx vn frag	ALT - X	Py up to 10%; moderate QFP <1%.	09625	328.73 - 329.19	0.46	>1000	0.8	Au 1.49g/t
329.19 - 332.14	OZMZ, sheared	ALT - X		09626	329.19 - 330.79	1.60	5	0.2	
		Near LC; core looks fresh and is magnetic		09627	330.79 - 332.14	1.35	20	0.2	
332.14 - 333.63	ANDS (?), porphyritic, v fresh, v. dk. grey to almost black, extremely magnetic; v. hard due to silicification.		Py v. rare <<1%	09628	332.14 - 333.63	1.49	10	0.2	
	- Very unusual unit in shear zone due to freshness & magnetism. Boundary OZMZ is also somewhat fresher w/ magnetic response.								
333.63 - 343.62	OZMZ, sheared, pale green. Local ANDS zones or sheared frags	ALT - S; locally M & X; M near LC.	Py ~ 1%.	09629	333.63 - 335.10	1.47	25	0.2	
				09630	335.10 - 336.60	1.50	15	0.2	
		337.78 - 343.62 - ALT X		09631	336.60 - 338.10	1.50	15	0.2	
	338.99 - 339.42 ANDS frag, bleached			09632	338.10 - 339.60	1.50	5	0.2	
		340.54 - qz flooding, V. spty alt'd	@340.06 qz-sx vn, wk, barren, follows core axis	09633	339.60 - 341.10	1.50	295	0.2	
				09634	341.10 - 342.60	1.50	5	0.2	
				09635	342.60 - 343.62	1.02	20	0.2	

CME

Hole No.: GG03-2

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
343.62 - 344.79	ANDS; sheared; mod-int qz ab stkwk	ALT- K/S., v. bleached Seiy alt'n of pieces.	Py 2-3%.	09636	343.62 - 344.79	1.17	30	0.4	
344.79 - 348.54	QZMZ, sheared	ALT - S., seri alt'n	Rare py <<1%.	09637	344.79 - 346.30	1.17	50	0.2	
				09638	346.30 - 347.80	1.51	25	0.2	
348.54 - 349.00	ANDS, sheared, as previous qz-ab stkwk, mod intensity.			09639	347.80 - 349.30	1.50	30	0.2	
349.00 - 350.77	QZMZ, sheared	ALT S/K.							
		350.45 - 350.10, dk QZMZ, med grained; ~~---~~ homogen Seiy; qz flooding w/ mod SX.	] Py ~ 1-2% v. fr grained	09640	349.30 - 350.38	1.08	10	0.2	
				09641	350.38 - 351.34	0.96	80	0.2	
				09642	351.34 - 352.77	1.43	60	0.2	Aw
350.77 - 356.10	MYLT/SHEAR ZONE (n. v strong mylonitic fabric developed. w/ qz augen, rolled mixed frags in dk green-grey matrix w/ seri + py fragm up to 2cm, QZMZ + ANDS, some QZ VN frags w/ SX	ALT-X	Py 2-5%, disp ~1% (vn-hb)	09643	352.77 - 354.15	1.38	>1000	1.5	2.01 g/t
			@ 354.90; 1 x 1.5cm patch of v fine disp aggregate.	09644	354.15 - 355.33	1.18	>1000	2.5	2.06 g/t
				09645	355.33 - 356.10	0.77	590	730	
356.10 - 364.54	QZMZ., sheared	ALT - K; seri, clay qz flooding,	Minor disem py ≤ 1%, conc in areas of qz. may be 2-3% but v. fn grained	09646	356.10 - 357.60	1.5	385	5.3	
				09647	357.60 - 359.10	1.5	635	1.2	
			@ 364.08 qz frag? w/ dk grey patch along margin, v fine acic disp.	09648	359.10 - 360.60	1.5	140	0.2	
				09751	360.60 - 362.10	1.5	270		
				09752	362.10 - 363.60	1.5	>1000		2.47 g/t
				09753	363.60 - 365.10	1.5	55		
			@ 365.46 qz-vnlet zone of 30% SX, previously py + spk ! disp. (~3cm wide), @ contact w/ med green sheared ANDS xeno? w/ ~ 50% disem py (up to 10%)	09754	365.10 - 366.60	1.5	140		
				09755	366.60 - 366.10	1.5	170		
			@ 367.65 1 cm py zone, + 10% other 4cm, discontinuous.						
			368.12 - 368.30 SX w/ QZMZ + ANDS + QZ IN frags, angular frags.						
			QZ IN frags w/ SX; matrix is green w/ minor disem py. (1%)						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	Generally qz flooded w/ narrow veinlets (intrusive) but loci of py mineralization in QFM2 (diffuse)		373.25-373.55 ductile shear zone 40°CA; minor frags entrained	09756	368.10 - 369.60	1.50	225		
	374.19 - 374.37 small zone of ALT-W QFM2, alter w/ magnetite		@372.91 qz vn, sheared, wk bwicm	09757	369.60 - 371.10	1.50	590		
				09758	371.10 - 372.60	1.50	385		
				09759	372.60 - 374.10	1.50	75		
				09760	374.10 - 375.60	1.50	5		
				09761	375.60 - 377.00	1.40	5		
378.00 - 380.87	ANDS; porphyritic, qz cb stwk mod-strong	ALT-S, seri/clay, bleached	Py <1% diss	09762	377.00 - 378.00	1.00	10		
	379.78 - 380.11 QFM2 xeno.			09763	378.00 - 379.00	1.00	10		
				09764	379.00 - 380.11	1.11	30		
380.87 - 383.73	QFM2, sheared	ALT - S/X, bleached, clay + seri.	Py ~ 1-2%.	09765	380.11 - 380.87	0.76	5		
				09766	380.87 - 382.46	1.59	5		
				09767	382.46 - 383.73	1.27	5		
	@382.98 wedge of ANDS 7cm/25°CA								
	@383.87 ANDS frags sheared into QFM2		@383.36 narrow 5mm qz vn, barren, some diseem py cubes in wall rock						
383.73 - 385.58	ANDS typical sheared porphyritic, unit w/ qz cb stwk	ALT - S/X	Py ~1%	09768	383.73 - 385.58	1.85	5		
385.58 - 428.85	QFM2, sheared	ALT - X; though variable	Py sporadically diseem; overall <1%	09769	385.58 - 386.58	1.00	45		
				09770	386.58 - 387.56	0.98	55		
	386.99 - 387.14 qz-tourm vein/pods of QFM2			09771	387.56 - 387.90	0.34	20		
	387.56 - 387.90 ANDS; mineralized w/ approx 5-10% finely diseem py - may be a precursor to other high-grade mineralized ANDS dykes elsewhere in the main Goldcorp deposit (ALT-X)		387.56 - 387.90 5-10% py in ANDS.	09772	387.90 - 389.16	1.26	115		
				09773	389.16 - 390.73	1.57	25		
				09774	390.73 - 392.23	1.50	985		
			387.90 - 389.16 strong shearing, mylonitic fabric developed. ALT-X, sericite clay alt'n; minor py (<1%) "foliation" fabric @ 45°CA.						
		389.16 - 391.50 ALT-S; QFM2 texture more evident.	@391 qz vn 5mm/30°CA, py in w/r. @391.16 qz veins w/ 5% py diseem in immediate w/r; 40°/55°CA.						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	(QZMZ, cont'd)	391.70 - 392.60, abon qz va; zone of silica/qz flooded, but appears sugary (sheared?)	@ 391.80 qz va, 2cm/50°CA, sheared w/ 5% 3vg-gray py, may indicate some v. fin grained sulp / arsp, but not visible	09775	392.28 - 394.00	1.72	250		
		392.60 - 398.95 qz rich zone, as above.	@ 391.89 gouge plane.						
	393.12 - 393.48 ANDS dyke, bleached, rare py UC 42°CA, sharp; LC sheared & mixed w/ QZMZ.	393.48 - 396.12 ALT-S; K-spar alt'n		09776	394.00 - 395.50	1.50	20		
				09777	395.50 - 397.00	1.50	35		
				09778	397.00 - 397.92	0.92	210		
	397.00 - 397.73 ANDS, fault c, broken core, trace green seri-alt'n planes in pale olive matrix		@ 397.83 qz-sx va; 2cm/65°CA, only a fragment left as it is faulted; near contact w/ ANDS; wht/blue-grey qz w/ 10% py in va and margins	09779	397.92 - 399.50	1.58	190		
			@ 398.19 shear. 5mm/45°CA; contact/alt'n.						
		399.84 → ALT-S, very seri, less clays; QZMZ texture still evident	399.34 - 399.84 strong shearing w/ qz flooding Main shear plane @ 399.54, 55°CA @ 399.80 qz va (?) fragment w/ py.	09780	399.50 - 401.00	1.50	100		
				09781	401.00 - 402.50	1.50	15		
				09782	402.50 - 404.00	1.50	90		
			402.81 - 402.82 py dissem, 5-7%; strong seri alt'n	09783	404.00 - 405.50	1.50	15		
				09784	405.50 - 407.00	1.50	20		
			403.79 - 404.06 bx? strong seri matrix, v. irreg vlets, more or less along core axis	09785	407.00 - 408.50	1.50	10		
		410 - 410.60; brownish alt'n QZMZ;		09786	408.50 - 410.00	1.50	10		
			~410.75 mineral'n in rubbly material qz va frags w/ 5%, v. fine py.	09787	410.00 - 411.50	1.50	15		
				09788	411.50 - 412.50	1.00	10		
			@ 413.40 qz-sx vnlt; 4mm/35°CA - 10-15% py in vnlt; 3-5% dissem in wallrock.	09789	412.50 - 413.47	0.97	115		
	413.47 - 414.55 ANDS, dyke; v. bleached. wk qz-cb stockwork.	← ALT-X.							
			413.47 - 413.80 v. broken core in ANDS, probable FLT.	09790	413.47 - 414.75	1.28	175		
			Dissem py in ANDS 3-5%, increasing towards fault contact.	09791	414.75 - 416.00	1.25	30		

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	(ANDS, cont'd)		2 LC; gz-sr unit w/ 10-15% pg, fine disem and stringers; 5% py in ANDS.						
			414.55 - 414.75 gouge 02mm, v. soft highly alt'd. w/ gz vn @ 414.70; dk grey clay gouge; + sr (py);	09791	414.75 - 416.00	1.25	30		
			LC ~ 55° CA.	09792	416.00 - 417.46	1.46	30		
		417.46 - 418.63 strong pink K-spar alt'n of 02mm; fine-grained, no relicts, fract w/ green ser., Kfsp appears to have late gz. infill @ several fractures;		09793	417.46 - 418.63	1.17	35		
				09794	418.63 - 420.10	1.47	10		
				09795	420.10 - 421.60	1.50	5		
				09796	421.60 - 423.10	1.50	5		
		K-spar alt'n still in evid to 423.25 though weaker; after 423.25. ANDS is argillic - green ser.,		09797	423.10 - 424.60	1.50	10		
				09798	424.60 - 426.10	1.50	5		
			@ 425.95 gz-cb vn. 1cm/45° CA.	09799	426.10 - 427.60	1.50	30		
		Below gz-cb vn @ 425.95 is K-spar flooding for ~10cm.		09800	427.60 - 428.85	1.25	5		
	427.98 - 428.27 ANDS dyke, porphyritic, w/ 1% hbl angle gz-cb vn; LC w/ unity w/ minor calcite disem py; v. sharp contacts, generally low angle to core axis								
428.85	END OF HOLE								

CME

GG03-2A.

Project name: GG
Project # : CP56D
D.D. Hole #: GG03-2A

Length (m): 71.93
Grid: UTM Zone 8 NAD83
Dip: -56°
Azimuth: 180°
Core size: NQ

Contractor: CARON
Northing: 6673057.232
Easting: 483899.671
Collar Elev.: 1071.026

Hole survey type: (collar only)
Started: 10/22/03
Completed: 10/23/03
Logged by: BCW
Date logged: 10/25/03

Depth	Dip	Azimuth

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0 - 6.1	CASED								
6.1 - 27.85	FELS ALT-L GY pink Color. Granular matrix of eroded spars. occas K KF. Occas mafic to CL. Py-D & at CL sites and FRC control FRC density - M. HE-D abundant locally.								
27.85 - 39.0	QZMZ PPRY ALT - M. KF & QZ ALT. MS overprints by KF & QZ texture obscured mostly. MG usually present. Fresh to OK QZMZ sparingly. KF pink areas. HE stain areas. FRC density - M. shearing areas. BTM CNT area bleached PY rare. W MS ALT areas	KF M. QZ M	PY-L						
39.0 - 42.7	FELS ALT M. MS-M. FRC density - M QZ filled. many occas where partially	MS-M	PY - 0.5%						

GG03-2A

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	digested QZMZ ghosted, altered. MG present. → PY throughout - D. Grad stoped CNTs.	MS – H		8203	38.4 – 40.4	2.0			
				8204	40.4 – 42.4	2.0			
42.7 – 44.6	QZMZ ALT – H. incipient FELS where FRC have ENV of converted QZMZ ~~TO~~ FELS, ghosted QZMZ texture & minerals. PY – D throuout	KF – H	PY – D						
			PY 1%	8205	42.4 – 44.6	2.2			
				8206	44.6 – 46.02	1.42			
44.6 – 46.02	FLTZ mixed lithology CY ALT QZMZ – X & FELS ALT – H. MS, CY. MS SHR planes, G, ground RX FRC, CY ALT. PY – D & clusters	CY – X MS KF	PY – 2%.						
46.02 49.27	FELS ALT – H. MS. coarse, sucrosic becoming porphyritic DWN W PF & KF FRC density – M. PY – D 0.5% Arg. llc alt in FRC.	MS – H CY.	PY 0.5%	8207	46.02 – 47.55				
				8208	47.55 – 49.08				
				8209	49.08 – 50.6				
49.27 – 50.3	FELS ALT – H CY, MS CY alt overprint on MS Sheared weak 70 – 75° ca few bands CY ALT M. SB – D irreg distribution – TR FRC density – L.	CY – H. MS	SB – TR						

GG03-24

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
50.3 - 58.96	SHR ALT - X CY after MS FELS w MS ALT, sheared intruded by narrow RHYL DYKS argillic ALT resheared and brecciated. 1 ~~DYKS~~ MS mylonite section, 10 cm, brecciated intruded by RHYL - TR SB PY - N. CB - L. Fresher sections KF ALT abundant HE - D. SB rare - D. ALSO PY D & FRC as 00.	CY - X. CB - L.	SB - TR PY - N - L	8210	50.6 - 51.6	1.0			
				8211	51.6 - 52.6	1.0			
				8212	52.6 - 53.6	1.0			
				8213	53.6 - 54.6	1.0			
				8214	54.6 - 55.6	1.0			
58.96 60.16	MYLN ALT - X DK MS bands 60° ca. Ground FELS, QZ growth, entrained RHYL. PY - L. Argillic ALT overprints MS.	MS - X CY	PY - L	8215	55.6 - 56.6	1.0			
				8216	56.6 - 57.6	2.0			
				8217	57.6 - 59.6	2.0			
60.16 - 66.24	QZMZ ALT - X. CY overprint on MS. CY general and along FRC. Minor RHYL intruding. Abundant HE - D after mafics. KF ALT early? Freq slip planes marked by CY PY - N	CY - X MS	PY - N	8218	59.6 - 61.6	2.0			
				8219	61.6 - 63.6	2.0			
				8220	63.6 - 65.84	2.24			
66.24 - 69.88	SHR Z in QZMZ - ALT X CY ALT overprints MS. shearplanes freq w CY & G FRC & MICRO FRC density - M. Abundant HE - D in fresher RX. Fewer QZ VLT in FRC	CY - X MS		8221	65.84 - 66.9	1.06			
				8222	66.9 - 68.88	1.98			

GG 03-24

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
68.58 - 71.56	soft, sheared, friable plastic. Void reported to feel. like drilling thru ice. unlikely.								
71.56 - 71.76	QZMZ ALT - X CY - Y sheared. as prior to F.T.	CY - X.		8223	71.53 - 71.93	0.40			
71.76 - 71.93	QZ MZ ALT - X silica replacement of MS Altered QZMZ incomplete. texture ghosts. MS bands remain PY - N	QZ - X MS - X	PY - N						
	71.93 TD								

APPENDIX VI

DIAMOND DRILLING

c. Recovery, Rock Quality and Magnetic Susceptibility

CME CORE RECOVERY, ROCK QUALITY & MAGNETICS

Hole No.: GG03-1

DRILL INTERVAL			CORE RECOVERY		RQD		MAG
From	To	Length	Measured	% Recovery	Measured	RQD	
4.50	6.25	1.75	1.68	96%	0.56	0.32	0.50
6.25	7.92	1.67	1.46	87%	0.68	0.41	0.20
7.92	8.84	0.92	0.92	100%	1.11	1.21	0.26
8.84	9.45	0.61	0.45	74%	0.26	0.43	0.23
9.45	10.97	1.52	1.52	100%	0.82	0.54	2.66
10.97	12.50	1.53	1.49	97%	1.00	0.65	0.46
12.50	14.02	1.52	1.45	95%	1.37	0.90	3.84
14.02	15.54	1.52	1.49	98%	1.44	0.95	4.35
15.54	17.07	1.53	1.50	98%	1.19	0.78	10.20
17.07	20.12	3.05	2.78	91%	1.90	0.62	14.50
20.12	22.25	2.13	2.00	94%	1.20	0.56	5.77
22.25	24.38	2.13	1.98	93%	1.36	0.64	5.12
24.38	27.43	3.05	3.01	99%	1.84	0.60	1.17
27.43	29.26	1.83	1.82	99%	1.40	0.77	3.61
29.26	32.31	3.05	3.03	99%	2.15	0.70	4.37
32.31	35.36	3.05	2.99	98%	2.55	0.84	6.74
35.36	38.40	3.04	2.87	94%	2.44	0.80	6.06
38.40	41.15	2.75	2.75	100%	1.92	0.70	16.40
41.15	44.19	3.04	3.03	100%	1.15	0.38	5.87
44.19	44.50	0.31	0.21	68%	0.12	0.39	4.66
44.50	47.55	3.05	3.05	100%	2.74	0.90	0.97
47.55	48.16	0.61	0.61	100%	0.61	1.00	0.92
48.16	50.60	2.44	2.44	100%	2.10	0.86	10.60
50.60	53.64	3.04	3.04	100%	1.59	0.52	1.57
53.64	56.69	3.05	3.05	100%	2.52	0.83	2.94
56.69	59.74	3.05	3.04	100%	2.36	0.77	0.54
59.74	62.79	3.05	3.05	100%	2.46	0.81	0.31
62.79	65.84	3.05	3.05	100%	2.13	0.70	0.61
65.84	68.88	3.04	2.64	87%	2.21	0.73	0.55
68.88	70.86	1.98	1.94	98%	0.94	0.47	0.54
70.86	73.76	2.90	2.83	98%	1.42	0.49	2.13
73.76	75.59	1.83	1.54	84%	1.13	0.62	0.60
75.59	78.02	2.43	2.43	100%	1.41	0.58	0.45
78.02	81.07	3.05	2.89	95%	2.27	0.74	0.26
81.07	82.45	1.38	1.38	100%	0.64	0.46	0.83
82.45	83.51	1.06	0.98	92%	0.64	0.60	0.30
83.51	85.34	1.83	1.57	86%	0.71	0.39	0.45
85.34	86.87	1.53	1.53	100%	1.24	0.81	0.25
86.87	89.61	2.74	2.59	95%	1.95	0.71	0.30
89.61	90.52	0.91	0.91	100%	0.44	0.48	0.32
90.52	92.81	2.29	2.26	99%	1.14	0.50	0.36

Mineralized Zone

From (m)	To (m)
392.50	465.44

Checked: _____

CME CORE RECOVERY, ROCK QUALITY & MAGNETICS

Hole No.: GG03-1

DRILL INTERVAL			CORE RECOVERY		RQD		MAG
From	To	Length	Measured	% Recovery	Measured	RQD	
92.81	93.88	1.07	1.07	100%	0.48	0.45	0.34
93.88	96.32	2.44	1.90	78%	1.23	0.50	0.35
96.32	98.75	2.43	2.42	100%	0.72	0.30	0.37
98.75	100.89	2.14	2.14	100%	1.57	0.73	1.24
100.89	101.80	0.91	0.91	100%	0.91	1.00	1.88
101.80	102.41	0.61	0.43	70%	0.10	0.16	0.33
102.41	104.85	2.44	2.15	88%	1.05	0.43	0.27
104.85	105.46	0.61	0.60	98%	0.45	0.74	0.29
105.46	107.59	2.13	1.61	76%	0.57	0.27	0.22
107.59	108.51	0.92	0.90	98%	0.70	0.76	0.18
108.51	111.56	3.05	3.02	99%	2.23	0.73	0.17
111.56	113.08	1.52	1.45	95%	0.26	0.17	0.13
113.08	114.60	1.52	1.52	100%	0.89	0.59	0.16
114.60	117.35	2.75	2.67	97%	1.24	0.45	0.11
117.35	120.40	3.05	3.05	100%	2.01	0.66	0.16
120.40	123.44	3.04	3.03	100%	2.11	0.69	0.28
123.44	126.49	3.05	3.02	99%	2.61	0.86	0.13
126.49	129.69	3.20	3.10	97%	2.20	0.69	0.17
129.69	132.28	2.59	2.43	94%	1.47	0.57	0.27
132.28	133.81	1.53	1.44	94%	0.53	0.35	0.27
133.81	135.33	1.52	1.52	100%	0.39	0.26	0.44
135.33	136.85	1.52	1.32	87%	0.32	0.21	0.26
136.85	138.38	1.53	1.43	93%	0.34	0.22	0.52
138.38	138.99	0.61	0.38	62%	0.00	0.00	0.06
138.99	139.29	0.30	0.21	70%	0.00	0.00	0.06
139.29	139.60	0.31	0.15	48%	0.00	0.00	0.26
139.60	140.05	0.45	0.35	78%	0.00	0.00	0.31
140.05	140.51	0.46	0.20	43%	0.00	0.00	0.19
140.51	141.27	0.76	0.62	82%	0.11	0.14	0.17
141.27	142.03	0.76	0.48	63%	0.00	0.00	0.28
142.03	142.65	0.62	0.45	73%	0.10	0.16	0.39
142.65	145.08	2.43	2.21	91%	2.02	0.83	0.15
145.08	148.13	3.05	3.04	100%	2.89	0.95	0.28
148.13	151.18	3.05	3.05	100%	2.51	0.82	0.22
151.18	154.23	3.05	3.02	99%	2.38	0.78	0.22
154.23	157.28	3.05	3.00	98%	2.30	0.75	0.00
157.28	160.32	3.04	3.04	100%	2.83	0.93	0.11
160.32	163.37	3.05	2.90	95%	1.18	0.39	0.56
163.37	166.42	3.05	2.36	77%	1.41	0.46	0.44
166.42	168.55	2.13	2.13	100%	1.11	0.52	0.44
168.55	171.60	3.05	3.05	100%	2.48	0.81	0.56

Checked: _____

CME CORE RECOVERY, ROCK QUALITY & MAGNETICS

Hole No.: GG03-1

DRILL INTERVAL			CORE RECOVERY		RQD		MAG
From	To	Length	Measured	% Recovery	Measured	RQD	
171.60	174.80	3.20	3.05	95%	2.75	0.86	2.33
174.80	177.85	3.05	3.04	100%	2.75	0.90	0.44
177.85	181.05	3.20	3.04	95%	2.66	0.83	0.22
181.05	184.10	3.05	3.05	100%	2.70	0.89	0.22
184.10	187.14	3.04	3.04	100%	2.87	0.94	0.11
187.14	189.43	2.29	2.29	100%	2.27	0.99	0.11
189.43	190.80	1.37	1.24	91%	1.21	0.88	0.11
190.80	193.24	2.44	2.44	100%	2.30	0.94	0.56
193.24	193.85	0.61	0.49	80%	0.34	0.56	0.01
193.85	195.53	1.68	1.52	90%	0.85	0.51	0.11
195.53	198.12	2.59	2.58	100%	2.26	0.87	0.22
198.12	201.17	3.05	3.02	99%	2.37	0.78	0.11
201.17	204.21	3.04	3.04	100%	2.84	0.93	0.56
204.21	207.26	3.05	3.04	100%	2.75	0.90	0.33
207.26	210.31	3.05	3.05	100%	2.86	0.94	0.22
210.31	211.07	0.76	0.73	96%	0.24	0.32	0.11
211.07	213.97	2.90	2.90	100%	2.20	0.76	0.22
213.97	217.02	3.05	3.05	100%	2.80	0.92	0.11
217.02	220.07	3.05	3.05	100%	3.05	1.00	0.01
220.07	223.11	3.04	3.00	99%	2.49	0.82	0.11
223.11	226.16	3.05	3.02	99%	2.07	0.68	0.33
226.16	229.21	3.05	2.92	96%	2.32	0.76	0.11
229.21	230.43	1.22	1.22	100%	1.19	0.98	0.22
230.43	233.48	3.05	2.99	98%	2.93	0.96	0.22
233.48	236.52	3.04	3.04	100%	2.93	0.96	0.11
236.52	239.57	3.05	3.05	100%	3.00	0.98	0.33
239.57	242.62	3.05	3.04	100%	2.82	0.92	0.11
242.62	245.67	3.05	3.01	99%	2.47	0.81	0.01
245.67	248.72	3.05	3.05	100%	2.76	0.90	0.22
248.72	251.76	3.04	3.04	100%	2.83	0.93	0.01
251.76	254.81	3.05	3.02	99%	2.56	0.84	0.22
254.81	257.86	3.05	3.05	100%	2.88	0.94	0.11
257.86	260.91	3.05	2.96	97%	2.54	0.83	0.11
260.91	263.96	3.05	3.05	100%	2.50	0.82	0.11
263.96	267.00	3.04	3.04	100%	2.39	0.79	0.11
267.00	270.05	3.05	2.90	95%	2.66	0.87	0.11
270.05	273.10	3.05	3.05	100%	2.12	0.70	0.89
273.10	276.15	3.05	3.05	100%	2.60	0.85	0.33
276.15	279.20	3.05	3.05	100%	2.03	0.67	0.33
279.20	282.24	3.04	2.96	97%	1.40	0.46	0.33
282.24	284.07	1.83	1.83	100%	1.46	0.80	0.78

Checked: _____

CME CORE RECOVERY, ROCK QUALITY & MAGNETICS

Hole No.: GG03-1

DRILL INTERVAL			CORE RECOVERY		RQD		MAG
From	To	Length	Measured	% Recovery	Measured	RQD	
284.07	286.51	2.44	2.06	84%	0.80	0.33	0.33
286.51	288.03	1.52	1.45	95%	0.32	0.21	0.56
288.03	291.08	3.05	2.95	97%	0.63	0.21	0.22
291.08	294.13	3.05	3.05	100%	1.44	0.47	0.44
294.13	297.18	3.05	3.05	100%	1.16	0.38	0.22
297.18	300.23	3.05	2.99	98%	1.18	0.39	0.56
300.23	303.43	3.20	3.00	94%	0.97	0.30	0.56
303.43	306.48	3.05	2.75	90%	0.99	0.32	1.00
306.48	309.37	2.89	2.89	100%	0.87	0.30	0.56
309.37	312.57	3.20	3.04	95%	0.33	0.10	1.22
312.57	314.71	2.14	1.62	76%	0.00	0.00	1.11
314.71	316.69	1.98	1.98	100%	0.65	0.33	0.33
316.69	318.21	1.52	1.52	100%	0.22	0.14	0.22
318.21	321.26	3.05	3.05	100%	2.01	0.66	0.89
321.26	324.31	3.05	2.97	97%	2.14	0.70	3.56
324.31	325.83	1.52	1.42	93%	0.98	0.64	0.11
325.83	326.44	0.61	0.61	100%	0.39	0.64	0.11
326.44	327.96	1.52	1.52	100%	0.81	0.53	0.11
327.96	331.01	3.05	3.05	100%	2.78	0.91	0.11
331.01	334.06	3.05	3.05	100%	2.61	0.86	0.22
334.06	337.01	2.95	2.95	100%	2.79	0.95	0.11
337.01	340.16	3.15	2.84	90%	1.53	0.49	0.01
340.16	343.20	3.04	3.04	100%	2.76	0.91	0.11
343.20	346.52	3.32	3.02	91%	1.63	0.49	1.56
346.52	349.03	2.51	2.51	100%	2.83	1.13	0.89
349.03	352.35	3.32	3.05	92%	2.81	0.85	0.11
352.35	354.64	2.29	2.28	100%	2.10	0.92	0.11
354.64	357.68	3.04	3.04	100%	2.24	0.74	0.56
357.68	360.63	2.95	2.95	100%	2.21	0.75	0.11
360.63	363.78	3.15	3.05	97%	2.77	0.88	0.78
363.78	366.83	3.05	3.05	100%	2.66	0.87	0.11
366.83	369.88	3.05	3.05	100%	1.85	0.61	0.22
369.88	372.92	3.04	3.04	100%	2.21	0.73	0.11
372.92	373.68	0.76	0.70	92%	0.44	0.58	0.67
373.68	376.73	3.05	3.05	100%	0.36	0.12	0.11
376.73	379.78	3.05	3.05	100%	1.86	0.61	0.22
379.78	382.83	3.05	3.05	100%	1.98	0.65	0.11
382.83	385.88	3.05	3.04	100%	2.23	0.73	0.22
385.88	388.92	3.04	3.03	100%	2.35	0.77	0.11
388.92	391.97	3.05	2.87	94%	2.45	0.80	0.44
391.97	395.02	3.05	3.05	100%	2.42	0.79	0.11

Checked: _____

CME CORE RECOVERY, ROCK QUALITY & MAGNETICS

Hole No.: GG03-1

DRILL INTERVAL			CORE RECOVERY		RQD		MAG
From	To	Length	Measured	% Recovery	Measured	RQD	
395.02	396.85	1.83	1.83	100%	0.10	0.05	0.11
396.85	398.07	1.22	1.22	100%	1.13	0.93	0.11
398.07	401.12	3.05	3.05	100%	2.34	0.77	0.11
401.12	404.16	3.04	3.04	100%	2.28	0.75	0.11
404.16	407.21	3.05	3.05	100%	2.14	0.70	0.11
407.21	410.26	3.05	3.05	100%	2.51	0.82	0.11
410.26	413.31	3.05	2.98	98%	2.10	0.69	0.11
413.31	416.36	3.05	3.05	100%	2.83	0.93	0.01
416.36	417.58	1.22	1.02	84%	0.73	0.60	0.01
417.58	420.62	3.04	3.04	100%	1.60	0.53	0.11
420.62	422.00	1.38	1.24	90%	0.82	0.59	0.22
422.00	422.15	0.15	0.02	10%	0.24	1.60	0.33
422.15	425.20	3.05	3.05	100%	1.73	0.57	0.11
425.20	428.24	3.04	3.04	100%	2.20	0.72	0.11
428.24	431.29	3.05	2.99	98%	2.52	0.83	0.11
431.29	434.49	3.20	3.20	100%	2.88	0.90	0.11
434.49	437.54	3.05	3.03	99%	2.94	0.96	0.11
437.54	440.59	3.05	3.05	100%	2.54	0.83	0.22
440.59	443.64	3.05	3.05	100%	2.40	0.79	0.11
443.64	446.84	3.20	3.20	100%	2.39	0.75	0.11
446.84	449.88	3.04	2.98	98%	2.65	0.87	0.11
449.88	452.93	3.05	2.84	93%	2.71	0.89	0.01
452.93	455.89	2.96	2.96	100%	2.66	0.90	0.11
455.89	459.03	3.14	3.02	96%	2.38	0.76	0.01
459.03	462.08	3.05	3.05	100%	2.82	0.92	0.22
462.08	465.12	3.04	2.97	98%	2.43	0.80	0.01
465.12	468.17	3.05	3.05	100%	1.95	0.64	0.01
468.17	470.46	2.29	2.25	98%	1.14	0.50	0.11
470.46	473.96	3.50	3.02	86%	1.72	0.49	0.01

Checked: _____

CME CORE RECOVERY, ROCK QUALITY & MAGNETICS

Hole No.: GG03-2

DRILL INTERVAL			CORE RECOVERY		RQD		MAG
From	To	Length	Measured	% Recovery	Measured	RQD	
3.19	3.35	0.16	0.16	100%	0.16	1.00	18.78
3.35	6.40	3.05	2.70	89%	0.72	0.24	16.33
6.40	7.92	1.52	1.48	97%	1.03	0.68	17.78
7.92	9.45	1.53	1.34	88%	0.30	0.20	15.78
9.45	10.97	1.52	1.41	93%	0.85	0.56	12.00
10.97	12.50	1.53	1.53	100%	0.47	0.31	1.22
12.50	14.02	1.52	1.43	94%	1.01	0.66	0.89
14.02	15.54	1.52	1.46	96%	0.59	0.39	1.56
15.54	17.07	1.53	1.46	95%	0.79	0.52	5.22
17.07	18.59	1.52	1.52	100%	0.81	0.53	12.00
18.59	20.12	1.53	1.45	95%	0.30	0.20	15.56
20.12	21.64	1.52	1.45	95%	0.81	0.53	16.22
21.64	23.16	1.52	1.52	100%	0.91	0.60	20.44
23.16	23.93	0.77	0.67	87%	0.28	0.36	2.56
23.93	24.69	0.76	0.56	74%	0.36	0.47	5.22
24.69	26.21	1.52	1.40	92%	1.02	0.67	10.44
26.21	27.58	1.37	1.29	94%	0.34	0.25	19.78
27.58	28.96	1.38	1.38	100%	0.57	0.41	16.44
28.96	29.87	0.91	0.59	65%	0.10	0.11	1.11
29.87	30.78	0.91	0.79	87%	0.46	0.51	2.56
30.78	31.39	0.61	0.60	98%	0.15	0.25	8.67
31.39	32.92	1.53	1.53	100%	0.60	0.39	17.33
32.92	33.68	0.76	0.71	93%	0.12	0.16	2.11
33.68	35.20	1.52	1.42	93%	0.46	0.30	0.22
35.20	36.73	1.53	1.46	95%	0.76	0.50	0.22
36.73	38.40	1.67	1.50	90%	0.86	0.51	0.33
38.40	39.93	1.53	1.42	93%	1.10	0.72	0.33
39.93	41.45	1.52	1.34	88%	0.42	0.28	0.11
41.45	42.98	1.53	1.35	88%	0.22	0.14	0.11
42.98	44.50	1.52	1.24	82%	0.00	0.00	0.11
44.50	46.02	1.52	1.07	70%	0.29	0.19	0.01
46.02	47.40	1.38	1.20	87%	0.32	0.23	0.11
47.40	48.46	1.06	0.81	76%	0.19	0.18	0.22
48.46	49.07	0.61	0.38	62%	0.00	0.00	0.11
49.07	49.68	0.61	0.49	80%	0.00	0.00	0.01
49.68	51.21	1.53	1.53	100%	0.00	0.00	0.01
51.21	52.12	0.91	0.76	84%	0.00	0.00	0.22
52.12	53.64	1.52	1.52	100%	0.36	0.24	0.11
53.64	55.17	1.53	1.21	79%	0.20	0.13	0.01
55.17	56.69	1.52	1.35	89%	0.00	0.00	0.22
56.69	57.76	1.07	0.95	89%	0.00	0.00	0.22

Mineralized Zone

From (m)	To (m)
323.73	372.60

Checked: _____

CME CORE RECOVERY, ROCK QUALITY & MAGNETICS

Hole No.: GG03-2

DRILL INTERVAL			CORE RECOVERY		RQD		MAG
From	To	Length	Measured	% Recovery	Measured	RQD	
57.76	58.22	0.46	0.44	96%	0.15	0.33	0.11
58.22	59.13	0.91	0.84	92%	0.10	0.11	0.33
59.13	60.66	1.53	1.50	98%	0.00	0.00	0.22
60.66	61.26	0.60	0.59	98%	0.33	0.55	0.11
61.26	62.18	0.92	0.92	100%	0.21	0.23	0.11
62.18	62.79	0.61	0.45	74%	0.00	0.00	0.11
62.79	64.31	1.52	1.43	94%	0.33	0.22	0.01
64.31	65.53	1.22	1.18	97%	0.37	0.30	0.01
65.53	67.36	1.83	1.45	79%	0.28	0.15	0.11
67.36	68.88	1.52	1.51	99%	0.84	0.55	0.33
68.88	70.40	1.52	1.45	95%	0.80	0.53	0.11
70.40	71.93	1.53	1.53	100%	0.71	0.46	0.89
71.93	73.46	1.53	1.53	100%	0.54	0.35	0.11
73.46	74.98	1.52	1.52	100%	0.93	0.61	0.22
74.98	76.50	1.52	1.45	95%	1.17	0.77	0.01
76.50	78.03	1.53	1.53	100%	0.90	0.59	0.01
78.03	79.55	1.52	1.50	99%	0.23	0.15	0.01
79.55	81.08	1.53	1.52	99%	1.07	0.70	0.01
81.08	82.60	1.52	1.39	91%	0.46	0.30	0.11
82.60	84.12	1.52	1.52	100%	0.50	0.33	0.01
84.12	85.34	1.22	1.22	100%	0.93	0.76	0.01
85.34	86.87	1.53	1.51	99%	1.20	0.78	0.11
86.87	88.39	1.52	1.52	100%	1.24	0.82	0.11
88.39	89.92	1.53	1.49	97%	1.14	0.75	0.22
89.92	91.59	1.67	1.47	88%	1.13	0.68	0.67
91.59	93.12	1.53	1.43	93%	1.13	0.74	10.89
93.12	94.64	1.52	1.52	100%	0.92	0.61	21.56
94.64	96.16	1.52	1.44	95%	0.64	0.42	12.11
96.16	97.84	1.68	1.53	91%	1.00	0.60	8.11
97.84	99.36	1.52	1.52	100%	0.62	0.41	7.89
99.36	100.89	1.53	1.48	97%	1.13	0.74	6.11
100.89	102.26	1.37	1.37	100%	0.83	0.61	5.67
102.26	103.78	1.52	1.47	97%	0.61	0.40	8.22
103.78	105.31	1.53	1.53	100%	0.81	0.53	5.44
105.31	106.83	1.52	1.46	96%	0.92	0.61	0.33
106.83	108.36	1.53	1.32	86%	0.69	0.45	0.33
108.36	109.42	1.06	1.00	94%	0.46	0.43	0.78
109.42	110.03	0.61	0.48	79%	0.28	0.46	0.17
110.03	111.56	1.53	1.51	99%	0.58	0.38	0.13
111.56	113.08	1.52	1.42	93%	0.75	0.49	0.56
113.08	114.30	1.22	1.00	82%	0.34	0.28	0.14

Checked: _____

CME CORE RECOVERY, ROCK QUALITY & MAGNETICS

Hole No.: GG03-2

DRILL INTERVAL			CORE RECOVERY		RQD		MAG
From	To	Length	Measured	% Recovery	Measured	RQD	
114.30	115.82	1.52	1.52	100%	0.62	0.41	1.78
115.82	117.35	1.53	1.43	93%	0.90	0.59	1.33
117.35	118.57	1.22	1.22	100%	0.52	0.43	3.22
118.57	120.09	1.52	1.49	98%	0.99	0.65	0.13
120.09	121.61	1.52	1.52	100%	0.96	0.63	0.22
121.61	122.22	0.61	0.61	100%	0.56	0.92	1.11
122.22	123.75	1.53	1.53	100%	1.36	0.89	0.22
123.75	125.27	1.52	1.52	100%	1.03	0.68	0.12
125.27	126.80	1.53	1.52	99%	1.04	0.68	0.12
126.80	128.32	1.52	1.29	85%	0.24	0.16	0.33
128.32	129.84	1.52	1.33	87%	0.12	0.08	0.14
129.84	131.83	1.99	1.90	95%	0.45	0.23	0.13
131.83	133.20	1.37	1.32	96%	0.53	0.39	0.22
133.20	134.42	1.22	1.09	89%	0.37	0.30	0.44
134.42	135.94	1.52	1.49	98%	0.61	0.40	1.22
135.94	137.46	1.52	1.52	100%	0.67	0.44	0.11
137.46	138.99	1.53	1.53	100%	0.91	0.59	0.18
138.99	140.51	1.52	1.49	98%	0.49	0.32	0.17
140.51	142.04	1.53	1.39	91%	0.33	0.22	0.58
142.04	142.95	0.91	0.88	97%	0.51	0.56	0.01
142.95	145.08	2.13	1.99	93%	1.36	0.64	0.03
145.08	148.13	3.05	2.87	94%	2.20	0.72	0.05
148.13	151.18	3.05	2.85	93%	1.53	0.50	0.07
151.18	154.23	3.05	2.79	91%	1.83	0.60	0.47
154.23	157.28	3.05	3.00	98%	2.51	0.82	0.81
157.28	160.32	3.04	3.04	100%	0.71	0.23	0.16
160.32	163.37	3.05	3.05	100%	0.88	0.29	0.50
163.37	166.42	3.05	3.01	99%	2.72	0.89	0.28
166.42	169.47	3.05	2.96	97%	2.35	0.77	0.24
169.47	172.52	3.05	2.93	96%	1.80	0.59	0.20
172.52	175.41	2.89	2.89	100%	1.77	0.61	0.21
175.41	178.46	3.05	3.02	99%	1.70	0.56	0.10
178.46	181.51	3.05	3.01	99%	2.67	0.88	0.19
181.51	184.56	3.05	3.02	99%	1.63	0.53	0.33
184.56	187.60	3.04	2.84	93%	1.91	0.63	0.15
187.60	190.65	3.05	2.99	98%	1.91	0.63	0.18
190.65	193.70	3.05	2.86	94%	2.42	0.79	0.31
193.70	196.90	3.20	2.95	92%	2.44	0.76	0.16
196.90	199.95	3.05	3.05	100%	2.02	0.66	0.19
199.95	202.97	3.02	3.02	100%	3.00	0.99	0.25
202.97	205.59	2.62	2.51	96%	2.15	0.82	0.37

Checked: _____

CME CORE RECOVERY, ROCK QUALITY & MAGNETICS

Hole No.: GG03-2

DRILL INTERVAL			CORE RECOVERY		RQD		MAG
From	To	Length	Measured	% Recovery	Measured	RQD	
205.59	208.64	3.05	3.05	100%	2.46	0.81	0.21
208.64	211.84	3.20	3.12	97%	2.45	0.77	0.26
211.84	212.45	0.61	0.59	97%	0.38	0.62	0.26
212.45	215.19	2.74	2.48	91%	2.09	0.76	0.33
215.19	218.34	3.15	3.02	96%	1.98	0.63	0.21
218.34	220.67	2.33	2.33	100%	1.81	0.78	0.31
220.67	223.88	3.21	3.12	97%	2.74	0.85	0.28
223.88	226.47	2.59	2.55	98%	2.44	0.94	0.34
226.47	229.06	2.59	2.59	100%	1.86	0.72	0.15
229.06	232.11	3.05	3.01	99%	2.77	0.91	0.41
232.11	234.70	2.59	2.59	100%	2.33	0.90	0.20
234.70	236.52	1.82	1.77	97%	1.69	0.93	0.23
236.52	239.57	3.05	3.04	100%	2.60	0.85	0.35
239.57	242.62	3.05	3.05	100%	1.69	0.55	0.22
242.62	245.67	3.05	3.05	100%	2.52	0.83	0.21
245.67	247.19	1.52	1.49	98%	0.72	0.47	0.14
247.19	248.72	1.53	1.42	93%	0.64	0.42	0.28
248.72	249.02	0.30	0.30	100%	0.00	0.00	0.18
249.02	251.76	2.74	2.73	100%	1.18	0.43	0.23
251.76	254.81	3.05	3.01	99%	2.24	0.73	0.33
254.81	257.86	3.05	2.90	95%	2.00	0.66	0.22
257.86	259.54	1.68	1.59	95%	0.45	0.27	0.48
259.54	262.43	2.89	2.89	100%	1.41	0.49	0.14
262.43	264.57	2.14	2.14	100%	0.93	0.43	0.21
264.57	266.40	1.83	1.80	98%	1.01	0.55	0.10
266.40	268.22	1.82	1.76	97%	1.04	0.57	0.14
268.22	268.83	0.61	0.58	95%	0.45	0.74	0.31
268.83	271.88	3.05	2.95	97%	1.81	0.59	0.38
271.88	274.93	3.05	3.03	99%	1.26	0.41	0.62
274.93	277.98	3.05	2.98	98%	2.45	0.80	0.17
277.98	281.03	3.05	2.48	81%	2.47	0.81	0.84
281.03	282.24	1.21	1.21	100%	1.30	1.07	0.58
282.24	285.29	3.05	3.05	100%	2.86	0.94	0.78
285.29	288.34	3.05	3.02	99%	2.34	0.77	0.52
288.34	291.39	3.05	3.04	100%	2.58	0.85	0.31
291.39	294.44	3.05	3.01	99%	2.18	0.71	0.24
294.44	297.48	3.04	3.04	100%	2.72	0.89	0.23
297.48	300.53	3.05	3.01	99%	1.83	0.60	0.43
300.53	303.58	3.05	3.02	99%	2.68	0.88	0.25
303.58	306.62	3.04	3.04	100%	1.14	0.37	0.35
306.62	309.68	3.06	2.95	96%	1.51	0.49	0.27

Checked: _____

CME CORE RECOVERY, ROCK QUALITY & MAGNETICS

Hole No.: GG03-2

DRILL INTERVAL			CORE RECOVERY		RQD		MAG
From	To	Length	Measured	% Recovery	Measured	RQD	
309.68	312.72	3.04	3.04	100%	2.27	0.75	0.27
312.72	315.77	3.05	3.05	100%	2.58	0.85	0.18
315.77	318.82	3.05	2.95	97%	2.76	0.90	0.26
318.82	321.87	3.05	2.99	98%	2.12	0.70	0.10
321.87	324.92	3.05	3.05	100%	2.31	0.76	0.27
324.92	327.96	3.04	2.99	98%	1.22	0.40	0.19
327.96	331.01	3.05	3.01	99%	2.32	0.76	0.41
331.01	334.06	3.05	3.05	100%	2.48	0.81	15.70
334.06	337.11	3.05	3.05	100%	1.81	0.59	0.66
337.11	340.16	3.05	3.05	100%	1.94	0.64	0.29
340.16	343.20	3.04	3.04	100%	2.31	0.76	0.20
343.20	346.25	3.05	3.05	100%	2.20	0.72	0.26
346.25	349.30	3.05	3.03	99%	1.73	0.57	0.28
349.30	352.35	3.05	3.03	99%	1.76	0.58	0.24
352.35	355.40	3.05	3.05	100%	2.21	0.72	0.28
355.40	358.44	3.04	3.02	99%	2.45	0.81	0.25
358.44	361.49	3.05	2.66	87%	2.43	0.80	0.35
361.49	364.54	3.05	3.05	100%	2.31	0.76	0.37
364.54	367.59	3.05	3.05	100%	1.99	0.65	0.22
367.59	370.64	3.05	3.05	100%	2.58	0.85	0.26
370.64	373.68	3.04	3.00	99%	2.39	0.79	0.36
373.68	376.73	3.05	2.96	97%	1.97	0.65	0.25
376.73	379.78	3.05	3.02	99%	1.68	0.55	0.38
379.78	382.83	3.05	2.91	95%	2.00	0.66	0.33
382.83	385.88	3.05	3.05	100%	2.27	0.74	0.32
385.88	388.92	3.04	3.04	100%	1.97	0.65	0.25
388.92	391.97	3.05	3.04	100%	1.76	0.58	0.24
391.97	395.02	3.05	3.05	100%	1.81	0.59	0.45
395.02	397.46	2.44	2.27	93%	0.76	0.31	0.54
397.46	400.51	3.05	3.02	99%	1.35	0.44	0.39
400.51	401.12	0.61	0.61	100%	0.36	0.59	0.37
401.12	404.16	3.04	3.04	100%	2.18	0.72	0.34
404.16	406.91	2.75	2.73	99%	0.41	0.15	0.37
406.91	409.96	3.05	3.03	99%	0.71	0.23	0.44
409.96	410.87	0.91	0.84	92%	0.29	0.32	0.42
410.87	413.00	2.13	2.04	96%	0.96	0.45	1.12
413.00	414.99	1.99	1.93	97%	0.48	0.24	0.56
414.99	418.03	3.04	3.04	100%	2.14	0.70	0.20
418.03	420.62	2.59	2.37	92%	1.05	0.41	0.35
420.62	423.67	3.05	2.94	96%	1.89	0.62	0.27
423.67	425.50	1.83	1.83	100%	1.72	0.94	0.22

Checked: _____

CME CORE RECOVERY, ROCK QUALITY & MAGNETICS

Hole No.: GG03-2

DRILL INTERVAL			CORE RECOVERY		RQD		MAG
From	To	Length	Measured	% Recovery	Measured	RQD	
425.50	428.55	3.05	2.97	97%	2.45	0.80	0.51
428.55	428.85	0.30	0.30	100%	0.13	0.43	0.28

Checked: _____

CME CORE RECOVERY, ROCK QUALITY & MAGNETICS

Hole No.: GG03-2A

DRILL INTERVAL			CORE RECOVERY		RQD		MAG
From	To	Length	Measured	% Recovery	Measured	RQD	
6.10	6.86	0.76	0.76	100%	0.00	0.00	3.56
6.86	7.92	1.06	1.06	100%	0.20	0.19	0.11
7.92	10.21	2.29	2.12	93%	0.11	0.05	0.01
10.21	10.97	0.76	0.74	97%	0.33	0.43	0.67
10.97	11.58	0.61	0.60	98%	0.14	0.23	0.01
11.58	13.41	1.83	1.72	94%	0.48	0.26	0.11
13.41	14.02	0.61	0.43	70%	0.13	0.21	0.01
14.02	16.74	2.72	2.72	100%	0.95	0.35	1.00
16.74	17.83	1.09	1.07	98%	0.27	0.25	0.01
17.83	20.12	2.29	1.77	77%	0.86	0.38	0.22
20.12	23.16	3.04	2.66	88%	0.53	0.17	0.11
23.16	26.21	3.05	2.76	90%	0.56	0.18	0.01
26.21	29.26	3.05	3.05	100%	0.83	0.27	0.44
29.26	31.28	2.02	2.02	100%	1.06	0.52	2.44
31.28	32.31	1.03	0.46	45%	0.00	0.00	1.78
32.31	33.68	1.37	1.16	85%	0.23	0.17	1.78
33.68	35.51	1.83	1.71	93%	0.56	0.31	1.11
35.51	37.19	1.68	1.48	88%	0.91	0.54	0.78
37.19	38.10	0.91	0.88	97%	0.43	0.47	7.89
38.10	38.40	0.30	0.30	100%	0.00	0.00	0.67
38.40	41.45	3.05	2.93	96%	1.83	0.60	0.22
41.45	44.50	3.05	2.98	98%	2.17	0.71	1.22
44.50	46.02	1.52	1.12	74%	0.33	0.22	0.44
46.02	47.55	1.53	1.38	90%	0.38	0.25	0.11
47.55	50.60	3.05	2.93	96%	1.57	0.51	0.01
50.60	53.64	3.04	2.87	94%	1.43	0.47	0.22
53.64	56.69	3.05	3.05	100%	1.73	0.57	0.22
56.69	59.74	3.05	3.00	98%	1.22	0.40	0.01
59.74	62.79	3.05	3.05	100%	2.85	0.93	0.11
62.79	65.84	3.05	3.02	99%	2.04	0.67	0.11
65.84	67.97	2.13	1.75	82%	0.85	0.40	0.01
67.97	68.88	0.91	0.70	77%	0.57	0.63	0.01
68.88	71.93	3.05	0.40	13%	0.00	0.00	0.01

Mineralized Zone

From (m)	To (m)
Hole aborted	

Checked: _____

APPENDIX VI

DIAMOND DRILLING

d. Density Tests

CME

DENSITY TEST SHEET

Project Name: Skukum	Project No: P56D	Date: 10-22-03
Tested By: TV	Core Size: NQ	Hole No: GG03-1

DENSITY

Sample No.	Water (deg. C)	Test No. 1				Test No. 2				Avg. Density
		Length (cm)	Dry Wt. (g)	Wet Wt. (g)	S.G.	Length (cm)	Dry Wt. (g)	Wet Wt. (g)	S.G.	
09338	11	12	541.5	338.8	2.67	7	320.6	200.1	2.66	2.67
09339	11	11	499.0	324.3	2.86	9	429.3	278.4	2.85	2.85
09340	11	17	854.0	540.6	2.73	10	490.8	313.6	2.77	2.75
09341	11	11	586.0	377.4	2.81	8	355.9	227.1	2.76	2.79
09342	11	11	586.5	374.9	2.77	8	416.5	265.6	2.76	2.77
09343	11	10	421.4	260.2	2.62	10	464.8	288.0	2.63	2.62
09344	11	10	596.0	373.4	2.68	10	420.1	263.0	2.68	2.68
09345	11	8	440.8	284.4	2.82	7	431.9	279.2	2.83	2.82
09346	13	7	321.4	204.6	2.75	9	364.3	218.4	2.50	2.63
09347	13	8	400.7	252.6	2.71	10	498.8	317.2	2.75	2.73
09348	13	12	571.4	359.4	2.70	13	587.9	365.2	2.64	2.67
09349	13	7	268.7	166.6	2.63	8	423.6	263.6	2.65	2.64
09350	11	10	444.3	277.2	2.66	8	398.5	247.5	2.64	2.65
09351	11	10	446.6	280.4	2.69	11	527.4	327.9	2.64	2.67
09352	11	15	707.1	434.6	2.60	9	446.2	271.7	2.56	2.58
09353	11	17	779.1	473.8	2.55	8	383.8	233.0	2.55	2.55
09354	11	14	585.0	353.2	2.52	13	581.3	351.5	2.53	2.53
09355	11	18	846.9	515.8	2.56	1 sample only				2.56
09356	11	8	384.2	233.9	2.56	12	563.5	338.8	2.51	2.53
09357	11	8	407.2	250.8	2.60	11	513.2	316.5	2.61	2.61
09358	11	9	422.2	258.3	2.58	7	334.0	207.0	2.63	2.60
09359	11	9	405.0	253.7	2.68	14	669.1	419.7	2.68	2.68
09360	11	6	281.6	176.3	2.68	8	394.2	247.0	2.68	2.68
09361	11	11	531.0	334.0	2.70	8	375.2	234.7	2.67	2.68
09362	11	15	735.8	475.8	2.83	16	671.9	418.0	2.65	2.74
09363	11	9	419.5	262.9	2.68	9	377.6	236.6	2.68	2.68
09364	11	10	464.8	292.4	2.70	12	564.9	352.9	2.67	2.68
09365	11	5	225.5	140.8	2.66	12	572.3	357.1	2.66	2.66
09366	11	5	257.5	161.1	2.67	9	351.1	219.2	2.66	2.67
09367	12	9	430.9	270.2	2.68	11	535.0	334.7	2.67	2.68
09368	12	6	320.9	204.7	2.76	10	501.1	318.2	2.74	2.75
09369	12	8	394.9	250.6	2.74	7	346.3	219.8	2.74	2.74
09372	12	10	419.9	265.7	2.72	8	358.3	226.8	2.73	2.73
09373	12	8	350.0	221.4	2.72	8	378.0	238.9	2.72	2.72
09374	12	8	362.6	226.4	2.66	9	496.7	312.3	2.69	2.68
09375	12	7	280.1	175.9	2.69	9	406.1	256.4	2.71	2.70
09376	12	9	337.6	214.1	2.73	1 sample only				2.73

CME

DENSITY TEST SHEET

Project Name: Skukum	Project No: P56D	Date: 10-22-03
Tested By: TV	Core Size: NQ	Hole No: GG03-1

DENSITY

Sample No.	Water (deg. C)	Test No. 1				Test No. 2				Avg. Density
		Length (cm)	Dry Wt. (g)	Wet Wt. (g)	S.G.	Length (cm)	Dry Wt. (g)	Wet Wt. (g)	S.G.	
09377	12	8	428.0	268.2	2.68	8	447.6	280.6	2.68	2.68
09378	12	10	471.7	296.9	2.70	13	630.9	395.9	2.69	2.69
09379	12	11	526.4	330.4	2.69	11	508.9	319.4	2.69	2.69
09380	12	12	538.0	340.3	2.72	15	740.5	467.3	2.71	2.72
09381	12	12	560.8	359.7	2.79	13	630.0	404.7	2.80	2.79
09382	12	8	392.4	251.0	2.78	10	516.2	331.0	2.79	2.78
09383	12	15	716.4	449.9	2.69	13	562.5	355.8	2.72	2.71
09384	12	15	730.9	459.7	2.70	9	405.7	254.3	2.68	2.69
09385	12	11	527.8	334.9	2.74	11	522.4	330.4	2.72	2.73
09386	12	8	417.8	262.9	2.70	10	441.7	280.4	2.74	2.72
09387	12	12	565.5	363.9	2.81	10	522.4	335.8	2.80	2.80
09388	12	8	410.0	263.7	2.80	10	504.6	324.1	2.80	2.80
09389	12	7	320.1	202.0	2.71	10	489.0	309.8	2.73	2.72
09390	12	14	646.5	413.2	2.77	12	593.8	373.4	2.70	2.73
09391	12	5	271.0	174.3	2.80	15	652.5	420.3	2.81	2.81
09392	12	9	446.3	287.7	2.82	7	377.3	242.6	2.80	2.81
09393	12	8	368.6	232.7	2.71	10	407.9	255.7	2.68	2.70
09440	15	9	430.5	272.4	2.73	10	497.9	306.5	2.60	2.66
09441	15	10	460.2	290.5	2.71	9	430.3	271.8	2.72	2.72
09442	15	15	642.2	401.8	2.67	15	698.3	438.5	2.69	2.68
09443	15	9	434.7	273.7	2.70	9	370.5	232.6	2.69	2.70
09444	15	14	572.8	360.6	2.70	12	526.4	331.8	2.71	2.70
09445	15	12	515.6	326.1	2.72	12	489.4	309.5	2.72	2.72
09446	15	8	372.2	234.9	2.71	10	435.7	274.8	2.71	2.71
09447	15	10	435.9	274.9	2.71	12	477.2	302.0	2.73	2.72
09448	15	9	400.9	253.9	2.73	10	513.5	325.0	2.73	2.73
09451	15	11	451.4	285.3	2.72	12	508.1	320.5	2.71	2.72
09452	15	10	465.0	294.0	2.72	10	476.5	301.1	2.72	2.72
09453	15	11	496.3	313.5	2.72	8	407.2	257.2	2.72	2.72
09454	15	10	480.0	303.0	2.71	11	508.7	321.1	2.71	2.71
09455	15	7	322.8	203.4	2.71	13	582.0	368.6	2.73	2.72
09456	15	13	603.9	381.8	2.72	12	549.0	345.9	2.71	2.71
09457	15	12	537.5	338.5	2.70	6	291.8	184.7	2.73	2.72
09458	15	13	571.1	362.1	2.73	12	506.4	320.4	2.73	2.73
09459	15	10	444.4	281.8	2.74	8	388.8	246.4	2.73	2.73
09460	15	12	566.8	359.6	2.74	12	550.3	346.5	2.70	2.72
09461	15	12	505.0	319.7	2.73	7	302.6	191.8	2.73	2.73

CME

DENSITY TEST SHEET

Project Name: Skukum	Project No: P56D	Date: 10-22-03
Tested By: TV	Core Size: NQ	Hole No: GG03-1

DENSITY

Sample No.	Water (deg. C)	Test No. 1				Test No. 2				Avg. Density
		Length (cm)	Dry Wt. (g)	Wet Wt. (g)	S.G.	Length (cm)	Dry Wt. (g)	Wet Wt. (g)	S.G.	
09462	15	11	467.5	296.1	2.73	10	405.4	257.1	2.74	2.73
09463	15	12	542.0	344.2	2.74	10	448.6	285.9	2.76	2.75
09464	15	8	332.5	211.0	2.74	11	523.1	333.6	2.76	2.75
09465	15	9	419.9	267.3	2.75	14	644.7	410.5	2.76	2.75
09466	15	7	349.4	222.0	2.75	14	686.0	437.5	2.76	2.75
09467	15	15	670.4	428.7	2.78	10	482.2	307.5	2.76	2.77
09468	15	10	486.3	313.5	2.82	9	425.1	275.1	2.84	2.83
09394	15	12	276.5	175.7	2.75	10	234.2	148.4	2.73	2.74
09395	15	8	182.0	115.5	2.74	7	147.1	93.8	2.76	2.75
09396	15	10	230.3	146.4	2.75	12	297.0	188.8	2.75	2.75
09397	15	12	259.2	165.3	2.76	13	297.8	189.4	2.75	2.76
09398	15	13	313.7	200.2	2.77	11	253.8	161.6	2.76	2.76
09401	13	14	342.7	217.4	2.74	13	291.3	185.3	2.75	2.74
09402	13	11	266.7	169.3	2.74	12	259.2	164.5	2.74	2.74
09403	13	14	297.5	189.0	2.74	15	371.3	235.7	2.74	2.74
09404	13	14	336.2	213.7	2.75	10	227.0	144.5	2.75	2.75
09405	13	14	370.7	236.6	2.77	14	354.2	224.6	2.73	2.75
09406	13	12	223.0	141.2	2.73	15	355.2	225.9	2.75	2.74
09407	13	16	350.4	222.7	2.75	14	340.2	215.2	2.72	2.73
09408	13	13	331.2	210.7	2.75	15	369.4	234.9	2.75	2.75
09409	13	16	377.0	238.7	2.73	15	362.8	230.5	2.74	2.74
09410	13	13	306.9	196.2	2.77	12	276.8	178.9	2.83	2.80
09411	13	16	377.1	239.5	2.74	15	387.7	246.6	2.75	2.75
09412	13	12	284.2	180.6	2.74	11	240.9	152.8	2.74	2.74
09413	13	9	213.7	135.4	2.73	12	323.2	205.4	2.75	2.74
09414	13	12	275.4	175.4	2.76	13	336.5	218.1	2.84	2.80
09415	13	13	310.5	197.1	2.74	11	251.6	160.3	2.76	2.75
09416	13	16	369.5	237.4	2.80	10	236.3	152.7	2.83	2.81
09417	13	16	404.6	259.7	2.79	16	319.6	241.7	4.11	3.45
09418	13	12	287.2	185.1	2.81	10	236.9	150.0	2.73	2.77
09419	13	12	305.2	191.3	2.68	12	282.9	179.8	2.75	2.71
09420	13	11	251.7	159.9	2.74	15	333.9	211.8	2.74	2.74
09421	13	13	304.6	194.2	2.76	17	414.5	264.4	2.76	2.76
09422	13	10	244.5	153.2	2.68	15	343.1	210.6	2.59	2.64
09423	13	16	388.2	237.7	2.58	15	328.3	200.0	2.56	2.57
09424	13	14	307.1	188.1	2.58	15	328.8	201.0	2.57	2.58
09425	13	15	346.3	214.2	2.62	10	215.7	134.6	2.66	2.64

CME

DENSITY TEST SHEET

Project Name: Skukum	Project No: P56D	Date: 10/31/03
Tested By: TV	Core Size: NQ	Hole No: GG03-2

DENSITY

Sample No.	Water (deg. C)	Test No. 1				Test No. 2				Avg. Density
		Length (cm)	Dry Wt. (g)	Wet Wt. (g)	S.G.	Length (cm)	Dry Wt. (g)	Wet Wt. (g)	S.G.	
09471	11	10	467.6	297.0	2.74	11	511.8	324.2	2.73	2.74
09472	11	9	331.1	208.3	2.70	12	558.7	353.3	2.72	2.71
09473	11	10	398.5	253.0	2.74	12	548.2	347.4	2.73	2.74
09474	11	12	528.2	333.1	2.71	10	464.9	292.1	2.69	2.70
09475	11	13	584.4	366.5	2.68	11	456.2	285.6	2.68	2.68
09476	11	14	622.1	392.8	2.71	14	637.8	404.9	2.74	2.73
09477	11	8	356.3	224.6	2.71	13	611.4	389.8	2.76	2.73
09478	11	11	475.5	302.2	2.74	7	381.4	244.9	2.80	2.77
09479	11	10	448.3	285.4	2.75	12	585.3	375.5	2.79	2.77
09480	11	10	495.0	316.2	2.77	15	690.1	435.6	2.71	2.74
09481	11	9	433.1	277.3	2.78	14	695.9	442.9	2.75	2.77
09482	11	9	356.5	226.5	2.74	12	525.1	331.3	2.71	2.73
09483	11	10	519.4	330.5	2.75	10	465.7	297.4	2.77	2.76
09484	11	10	434.2	275.4	2.74	12	583.2	367.5	2.70	2.72
09485	11	11	523.1	336.8	2.81	11	514.3	316.8	2.61	2.71
09486	13	9	397.3	253.2	2.76	9	419.9	267.2	2.75	2.76
09487	13	9	406.4	259.2	2.76	9	406.0	258.1	2.75	2.75
09488	13	8	331.5	211.3	2.76	8	341.1	217.3	2.76	2.76
09489	13	15	627.8	402.9	2.79	8	308.4	195.3	2.73	2.76
09490	13	10	437.4	279.0	2.76	9	391.6	246.0	2.69	2.73
09491	13	10	400.1	252.8	2.72	9	386.6	242.3	2.68	2.70
09492	13	15	661.5	419.4	2.73	15	588.3	369.2	2.69	2.71
09493	13	9	386.8	244.7	2.72	12	516.9	324.1	2.68	2.70
09494	13	10	374.0	228.1	2.56	15	625.8	386.7	2.62	2.59
09495	13	9	328.1	191.8	2.41	1 sample only				2.41
09496	13	7	306.6	188.9	2.61	14	638.0	395.4	2.63	2.62
09497	13	14	516.4	314.4	2.56	6	287.6	175.4	2.56	2.56
09498	13	12	493.9	303.7	2.60	11	476.8	292.5	2.59	2.59
09501	13	9	296.6	179.7	2.54	1 sample only				2.54
09502	13	9	419.8	264.1	2.70	9	405.3	239.5	2.45	2.57
09503	13	9	420.6	252.7	2.51	8	360.1	205.9	2.34	2.42
09504	13	13	513.6	302.5	2.43	6	221.2	138.9	2.69	2.56
09505	13	14	593.9	362.2	2.56	13	545.8	329.4	2.52	2.54
09506	13	8	380.9	233.4	2.58	9	442.1	271.7	2.60	2.59
09507	13	10	385.3	236.1	2.58	1 sample only				2.58
09508	13	7	265.6	164.0	2.62	9	361.6	220.9	2.57	2.59
09509	13	8	377.1	232.6	2.61	14	577.2	345.8	2.50	2.55

CME

DENSITY TEST SHEET

Project Name: Skukum	Project No: P56D	Date: 10/31/03
Tested By: TV	Core Size: NQ	Hole No: GG03-2

DENSITY

Sample No.	Water (deg. C)	Test No. 1				Test No. 2				Avg. Density
		Length (cm)	Dry Wt. (g)	Wet Wt. (g)	S.G.	Length (cm)	Dry Wt. (g)	Wet Wt. (g)	S.G.	
09510	13	8	243.8	147.6	2.54	15	504.4	301.8	2.49	2.51
09511	13	9	431.5	268.1	2.64	12	527.1	328.1	2.65	2.65
09512	13	3	142.0	88.8	2.67	13	409.4	252.2	2.61	2.64
09513	13	11	446.8	269.3	2.52	10	420.6	256.3	2.56	2.54
09514	8	12	508.4	317.5	2.66	8	357.8	225.9	2.71	2.69
09515	8	9	370.5	225.9	2.56	12	485.2	294.5	2.54	2.55
09516	8	15	657.2	404.9	2.61	13	597.1	379.6	2.75	2.68
09517	8	6	298.4	189.6	2.74	9	405.6	258.4	2.76	2.75
09518	8	11	482.0	302.3	2.68	9	432.6	272.0	2.69	2.69
09519	8	10	495.7	314.2	2.73	14	653.0	409.2	2.68	2.71
09520	8	12	538.5	338.7	2.70	11	508.1	318.0	2.67	2.68
09521	8	5	187.6	117.0	2.66	1 sample only				2.66
09522	8	13	566.1	354.1	2.67	15	739.4	462.0	2.67	2.67
09523	8	18	771.3	489.7	2.74	8	344.7	218.5	2.73	2.74
09524	8	8	386.7	240.8	2.65	10	452.0	284.0	2.69	2.67
09525	8	9	452.0	286.0	2.72	10	409.4	261.4	2.77	2.74
09526	8	11	495.2	309.3	2.66	8	404.8	253.0	2.67	2.67
09527	12	15	666.1	409.3	2.60	9	429.1	263.1	2.59	2.59
09528	12	10	520.8	327.6	2.70	11	472.9	294.3	2.65	2.67
09529	12	8	426.7	265.8	2.65	10	424.9	264.7	2.65	2.65
09530	13	15	635.1	395.4	2.65	6	276.0	172.5	2.67	2.66
09531	13	12	531.4	335.2	2.71	12	542.3	343.4	2.73	2.72
09532	13	9	441.5	285.4	2.83	13	626.7	400.2	2.77	2.80
09533	13	10	429.5	263.0	2.58	10	443.0	273.7	2.62	2.60
09534	13	11	501.3	320.2	2.77	6	293.4	188.4	2.80	2.78
09535	13	14	660.7	413.2	2.67	13	565.7	350.8	2.63	2.65
09536	13	9	437.8	267.6	2.57	13	526.8	323.1	2.59	2.58
09537	13	8	311.8	191.0	2.58	9	370.6	229.7	2.63	2.61
09538	13	12	532.7	330.3	2.63	14	616.3	382.7	2.64	2.64
09539	13	10	449.6	285.7	2.74	9	400.8	253.4	2.72	2.73
09540	13	8	330.5	199.7	2.53	10	444.1	272.8	2.59	2.56
09541	13	14	520.9	295.0	2.31	8	312.5	169.1	2.18	2.24
09542	13	8	356.4	215.3	2.53	8	354.5	215.2	2.55	2.54
09543	13	11	515.8	313.6	2.55	9	428.3	294.4	3.20	2.88
09544	13	7	338.8	208.2	2.60	9	425.3	263.2	2.63	2.61
09545	13	15	681.4	419.7	2.61	11	504.9	307.9	2.56	2.58
09546	13	9	375.8	223.1	2.46	7	278.6	165.3	2.46	2.46

CME

DENSITY TEST SHEET

Project Name:	Skukum	Project No:	P56D	Date:	10/31/03
Tested By:	TV	Core Size:	NQ	Hole No:	GG03-2

DENSITY

Sample No.	Water (deg. C)	Test No. 1				Test No. 2				Avg. Density
		Length (cm)	Dry Wt. (g)	Wet Wt. (g)	S.G.	Length (cm)	Dry Wt. (g)	Wet Wt. (g)	S.G.	
09547	13	13	590.2	344.5	2.40	12	444.5	259.9	2.41	**2.41**
09548	13	14	667.5	407.7	2.57	14	596.3	368.8	2.62	**2.60**
09551	13	15	687.0	431.1	2.69	12	536.2	336.6	2.69	**2.69**
09552	13	15	718.6	451.3	2.69	12	517.9	324.5	2.68	**2.68**
09553	13	8	378.2	236.5	2.67	12	532.3	332.1	2.66	**2.67**
09554	13	10	490.4	307.6	2.68	15	716.1	449.5	2.69	**2.69**
09555	13	7	297.4	190.5	2.78	10	383.8	244.4	2.75	**2.77**
09556	13	10	475.7	302.9	2.75	14	672.0	432.2	2.80	**2.78**
09557	13	12	518.1	307.1	2.46	14	585.0	348.3	2.47	**2.46**
09558	13	16	605.8	363.4	2.50	16	649.1	388.1	2.49	**2.49**
09559	13	12	434.2	258.3	2.47	17	734.8	445.8	2.54	**2.51**
09560	13	12	509.1	295.0	2.38	14	588.1	344.1	2.41	**2.40**
09561	13	10	441.7	265.9	2.51	11	495.8	298.5	2.51	**2.51**
09562	13	14	585.5	346.6	2.45	8	329.5	188.7	2.34	**2.40**
09563	13	12	544.6	334.2	2.59	12	498.1	306.4	2.60	**2.59**
09564	13	10	493.6	319.4	2.84	11	491.1	313.1	2.76	**2.80**
09565	13	10	387.4	242.2	2.67	12	526.5	327.3	2.64	**2.66**
09566	13	12	465.4	286.6	2.60	11	434.4	259.5	2.49	**2.54**
09567	13	18	766.7	472.4	2.61	13	573.6	355.2	2.63	**2.62**
09568	13	7	289.3	168.4	2.39	17	687.9	414.2	2.51	**2.45**
09569	13	9	377.9	227.4	2.51	7	256.9	151.4	2.44	**2.47**
09570	13	9	415.2	257.9	2.64	10	509.6	318.3	2.67	**2.65**
09571	13	14	527.0	322.0	2.57	1 sample only				**2.57**
09572	13	16	652.9	404.5	2.63	15	671.0	417.3	2.65	**2.64**
09573	13	7	299.7	188.2	2.69	10	449.9	280.4	2.66	**2.67**
09574	13	8	372.6	233.3	2.68	8	392.0	246.1	2.69	**2.68**
09575	13	10	398.2	244.8	2.60	7	293.8	180.5	2.59	**2.60**
09576	11	12	565.6	352.7	2.66	14	441.8	276.2	2.67	**2.66**
09577	11	8	380.0	236.8	2.65	9	411.9	256.7	2.66	**2.65**
09578	11	9	418.3	260.3	2.65	11	559.1	348.2	2.65	**2.65**
09579	11	9	401.5	249.3	2.64	10	444.3	276.5	2.65	**2.64**
09580	11	15	691.0	429.9	2.65	12	497.7	310.8	2.66	**2.66**
09581	11	9	377.2	235.2	2.66	8	398.3	249.3	2.67	**2.67**
09582	11	8	407.3	254.3	2.66	7	361.5	227.7	2.70	**2.68**
09583	11	13	559.7	348.4	2.65	10	480.4	298.8	2.65	**2.65**
09584	11	12	578.7	370.1	2.78	10	432.5	276.1	2.77	**2.77**
09585	11	9	442.2	285.0	2.81	10	458.0	292.8	2.77	**2.79**

CME

DENSITY TEST SHEET

Project Name: Skukum	Project No: P56D	Date: 10/31/03
Tested By: TV	Core Size: NQ	Hole No: GG03-2

DENSITY

Sample No.	Water (deg. C)	Test No. 1				Test No. 2				Avg. Density
		Length (cm)	Dry Wt. (g)	Wet Wt. (g)	S.G.	Length (cm)	Dry Wt. (g)	Wet Wt. (g)	S.G.	
09586	11	12	580.5	371.8	2.78	8	364.0	231.9	2.76	2.77
09587	11	12	566.8	354.1	2.67	8	332.0	206.0	2.64	2.65
09588	11	10	428.8	272.4	2.74	8	376.3	239.0	2.74	2.74
09589	11	10	526.6	337.2	2.78	9	442.8	283.4	2.78	2.78
09590	11	12	559.8	357.5	2.77	8	422.6	272.0	2.81	2.79
09591	11	7	349.8	216.9	2.63	8	374.1	228.6	2.57	2.60
09592	11	12	535.4	337.8	2.71	9	384.1	242.4	2.71	2.71
09593	11	10	489.4	306.2	2.67	10	510.0	318.9	2.67	2.67
09594	11	16	709.8	445.0	2.68	10	454.4	284.4	2.67	2.68
09595	12	7	344.9	216.9	2.70	14	616.4	386.5	2.68	2.69
09596	12	15	660.8	414.1	2.68	10	461.6	288.8	2.67	2.68
09597	12	13	578.4	360.8	2.66	9	375.3	235.5	2.69	2.67
09598	12	14	626.2	393.5	2.69	9	383.5	241.5	2.70	2.70
09601	12	10	381.8	238.6	2.67	9	425.0	263.1	2.63	2.65
09602	12	11	499.6	313.0	2.68	9	407.7	255.1	2.67	2.68
09603	12	11	457.9	287.4	2.69	9	445.1	279.6	2.69	2.69
09604	12	13	626.1	391.9	2.67	10	445.8	277.5	2.65	2.66
09605	12	7	291.0	182.4	2.68	13	564.1	353.3	2.68	2.68
09606	12	8	375.7	235.6	2.68	10	468.3	293.7	2.68	2.68
09607	12	8	420.0	263.1	2.68	12	569.4	354.8	2.65	2.67
09608	12	9	379.1	239.3	2.71	10	500.6	315.3	2.70	2.71
09609	12	11	444.1	277.3	2.66	10	479.9	301.1	2.69	2.67
09610	12	10	509.9	321.2	2.70	8	422.6	265.7	2.69	2.70
09611	12	12	602.0	372.9	2.63	14	537.7	333.0	2.63	2.63
09612	12	12	545.5	339.8	2.65	10	425.8	265.2	2.65	2.65
09613	12	13	568.6	354.9	2.66	14	584.1	363.7	2.65	2.66
09614	12	7	299.2	185.7	2.64	14	662.2	411.8	2.65	2.64
09615	12	12	544.0	337.8	2.64	15	705.4	438.1	2.64	2.64
09616	12	10	439.1	273.7	2.66	6	259.7	161.9	2.66	2.66
09617	12	10	442.5	277.8	2.69	10	466.2	292.1	2.68	2.68
09618	12	11	500.4	310.1	2.63	12	563.9	348.8	2.62	2.63
09619	12	8	356.8	221.9	2.65	10	490.4	307.8	2.69	2.67
09620	12	9	387.1	243.9	2.70	7	362.3	226.5	2.67	2.69
09621	12	12	536.5	331.7	2.62	8	363.0	227.5	2.68	2.65
09622	12	6	260.3	159.2	2.58	7	438.6	270.6	2.61	2.59
09623	12	15	628.3	396.7	2.71	7	309.2	193.3	2.67	2.69
09624	12	13	602.4	381.1	2.72	13	609.4	394.4	2.84	2.78

CME

DENSITY TEST SHEET

Project Name: Skukum	Project No: P56D	Date: 10/31/03
Tested By: TV	Core Size: NQ	Hole No: GG03-2

DENSITY

Sample No.	Water (deg. C)	Test No. 1				Test No. 2				Avg. Density
		Length (cm)	Dry Wt. (g)	Wet Wt. (g)	S.G.	Length (cm)	Dry Wt. (g)	Wet Wt. (g)	S.G.	
09625	12	15	675.9	427.5	2.72	12	533.8	337.5	2.72	2.72
09626	12	8	388.0	243.6	2.69	8	375.5	234.0	2.66	2.67
09627	12	9	404.9	252.2	2.65	7	296.1	185.6	2.68	2.67
09628	12	16	758.0	486.9	2.80	16	758.8	486.2	2.78	2.79
09629	12	10	456.8	285.2	2.66	8	360.2	225.6	2.68	2.67
09630	12	9	376.2	236.0	2.68	9	428.2	272.9	2.76	2.72
09631	10	10	374.4	235.5	2.70	12	538.7	338.8	2.70	2.70
09632	10	5	189.8	122.3	2.81	12	490.6	309.4	2.71	2.76
09633	10	12	538.5	340.4	2.72	10	398.3	250.1	2.69	2.70
09634	10	10	452.7	283.9	2.68	8	402.5	254.2	2.71	2.70
09635	10	11	531.7	335.7	2.71	10	443.0	279.0	2.70	2.71
09636	10	18	826.5	536.5	2.85	17	810.6	521.2	2.80	2.83
09637	10	11	538.8	340.6	2.72	9	389.2	245.8	2.71	2.72
09638	10	9	478.0	300.5	2.69	12	540.3	341.1	2.71	2.70
09639	10	11	516.8	336.0	2.86	12	554.9	350.0	2.71	2.78
09640	10	16	621.5	390.7	2.69	12	521.9	329.3	2.71	2.70
09641	10	14	610.4	384.8	2.71	8	374.5	236.7	2.72	2.71
09642	10	13	610.4	385.1	2.71	15	682.0	431.2	2.72	2.72
09643	10	14	689.0	436.0	2.72	8	345.3	217.3	2.70	2.71
09644	10	10	439.7	279.8	2.75	14	687.4	441.2	2.79	2.77
09645	10	7	321.1	205.3	2.77	7	310.6	197.3	2.74	2.76
09646	10	15	765.1	487.6	2.76	14	647.7	412.2	2.75	2.75
09647	10	10	439.6	277.0	2.70	13	592.8	375.2	2.73	2.71
09648	11	13	621.6	396.0	2.76	12	592.3	377.2	2.75	2.76
09751	11	10	495.4	315.3	2.75	13	596.3	373.4	2.68	2.71
09752	11	12	548.2	347.0	2.73	15	661.0	420.6	2.75	2.74
09753	11	10	449.0	258.9	2.36	9	397.9	252.7	2.74	2.55
09754	11	12	449.4	283.8	2.71	10	462.4	292.3	2.72	2.72
09755	11	13	640.4	404.4	2.71	8	325.4	202.6	2.65	2.68
09756	11	8	401.9	253.7	2.71	10	419.9	265.9	2.73	2.72
09757	11	16	677.7	429.7	2.73	11	528.7	335.2	2.73	2.73
09758	11	6	297.2	188.9	2.75	14	648.4	411.3	2.74	2.74
09759	11	10	431.0	273.1	2.73	10	431.0	271.5	2.70	2.72
09760	11	10	441.7	279.2	2.72	9	426.8	269.7	2.72	2.72
09761	11	12	547.4	344.1	2.69	10	446.5	283.5	2.74	2.72
09762	11	10	451.9	286.2	2.73	14	683.4	434.4	2.75	2.74
09763	11	12	625.0	404.3	2.83	9	473.9	306.2	2.83	2.83

CME

DENSITY TEST SHEET

Project Name: Skukum	Project No: P56D	Date: 10/31/03
Tested By: TV	Core Size: NQ	Hole No: GG03-2

DENSITY

Sample No.	Water (deg. C)	Test No. 1				Test No. 2				Avg. Density
		Length (cm)	Dry Wt. (g)	Wet Wt. (g)	S.G.	Length (cm)	Dry Wt. (g)	Wet Wt. (g)	S.G.	
09764	11	10	463.9	297.7	2.79	12	567.6	365.0	2.80	**2.80**
09765	11	13	600.5	384.2	2.78	8	383.5	245.9	2.79	**2.78**
09766	11	8	387.3	246.0	2.74	10	486.4	307.8	2.72	**2.73**
09767	11	15	678.5	434.9	2.79	13	632.9	403.3	2.76	**2.77**
09768	11	10	456.7	294.9	2.82	9	377.9	244.3	2.83	**2.83**
09769	11	7	268.4	169.7	2.72	9	405.9	256.3	2.71	**2.72**
09770	11	12	535.3	337.2	2.70	16	714.3	446.4	2.67	**2.69**
09771	11	5	238.1	153.8	2.83	12	645.4	416.9	2.83	**2.83**
09772	11	8	357.2	226.1	2.73	11	515.2	324.7	2.71	**2.72**
09773	11	12	539.6	340.7	2.71	9	445.4	280.9	2.71	**2.71**
09774	11	12	488.3	311.5	2.76	10	483.2	306.2	2.73	**2.75**
09775	11	10	490.0	311.5	2.75	11	584.8	380.3	2.86	**2.80**
09776	11	8	377.5	238.1	2.71	12	572.6	360.4	2.70	**2.70**
09777	11	8	388.9	245.0	2.70	12	613.5	388.0	2.72	**2.71**
09778	11	10	426.3	273.4	2.79	12	582.1	375.8	2.82	**2.81**
09779	11	7	276.5	175.1	2.73	11	523.1	332.0	2.74	**2.73**
09780	11	10	457.8	291.4	2.75	12	550.4	346.5	2.70	**2.73**
09781	11	13	600.2	378.3	2.71	8	364.6	229.2	2.69	**2.70**
09782	11	15	707.2	449.1	2.74	11	505.9	317.4	2.68	**2.71**
09783	11	12	475.8	299.0	2.69	16	697.4	439.3	2.70	**2.70**
09784	11	8	410.5	258.9	2.71	12	574.5	360.5	2.69	**2.70**
09785	11	12	537.8	338.5	2.70	10	459.5	290.7	2.72	**2.71**
09786	11	13	633.1	397.5	2.69	13	587.6	371.9	2.73	**2.71**
09787	11	12	478.3	302.1	2.72	13	664.2	417.7	2.70	**2.71**
09788	11	10	481.1	304.1	2.72	11	455.0	288.0	2.73	**2.72**
09789	11	10	403.1	252.0	2.67	6	306.9	193.8	2.71	**2.69**
09790	11	11	558.6	364.3	2.88	7	356.3	231.4	2.85	**2.86**
09791	11	13	662.8	417.5	2.70	10	482.2	302.2	2.68	**2.69**
09792	11	10	433.3	272.5	2.70	10	493.2	308.4	2.67	**2.68**
09793	11	8	392.8	241.7	2.60	10	471.3	292.1	2.63	**2.62**
09794	11	9	436.8	276.5	2.73	12	575.2	360.7	2.68	**2.70**
09795	11	12	530.4	334.1	2.70	10	438.8	275.7	2.69	**2.70**
09796	11	9	440.4	278.1	2.71	8	373.8	235.3	2.70	**2.71**
09797	11	10	455.7	286.7	2.70	13	588.2	373.2	2.74	**2.72**
09798	11	16	778.3	487.1	2.67	11	541.1	339.2	2.68	**2.68**
09799	11	12	559.2	347.8	2.65	11	518.3	324.9	2.68	**2.66**
09800	11	10	488.9	306.6	2.68	6	297.1	187.9	2.72	**2.70**

APPENDIX VII

STATEMENT OF COSTS

CME

STATEMENT OF COSTS

POP, MOM, TECH, STEN, GLEE, MB, BERG, MIL, TM claims

Personnel (CME Consulting Ltd.)

Barry Way	12 days @ $404/day	$4,848
Ted VanderWart	12 days @ $255/day	$3,060

Disbursement Costs

Diamond Drilling (E. Caron Diamond Drilling) Invoice #3910	$42,578
Analytical Laboratory (Eco-Tech Laboratory Ltd.) Invoices: AK 03-475, 661, 638, 637, 530, 543, 544, 601, 614, 626, 496, 514, 520, 473, 475, 472, 595, 569, 515, 396A, 506, 497, 449, 459.	$20,896
Camp Catering (Cando International Food Consultants)	$14,005
TOTAL:	**$85,387**

KUKU, PUP, MEK, CL claims

Personnel (CME Consulting Ltd.)

Larry Mireku	14 days @ $255/day	$3,570
Ted VanderWart	3 days @ $255/day	$765

Disbursement Costs

Camp Catering (Cando International Food Consultants)	$876
TOTAL:	**$5,211**

Full documentation of expenses can be supplied upon request.

CME

STATEMENT OF COSTS

POP, MOM, TECH, STEN, GLEE, MB, BERG, MIL, TM claims

Personnel (CME Consulting Ltd.)	$7,908
Disbursement Costs	
Diamond Drilling (E. Caron Diamond Drilling)	$42,578
Analytical Laboratory (Eco-Tech Laboratory Ltd.)	$20,896
Camp Catering (Cando International Food Consultants)	$14,005
TOTAL:	**$85,387**

KUKU, PUP, MEK, CL claims

Personnel (CME Consulting Ltd.)	$4,335
Disbursement Costs	
Camp Catering (Cando International Food Consultants)	$876
TOTAL:	**$5,211**

Full documentation of expenses can be supplied upon request.

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MINING RECORDER
WHITEHORSE, Y.T.
GOVERNMENT OF YUKON

094509

ASSESSMENT REPORT

GEOLOGICAL, GEOCHEMICAL, DIAMOND DRILLING AND DATA COMPILATION

of the

POP, MOM, TECH, STEN, GLEE, MB BERG, TM, and MIL Mineral Claims

and the

KUKU, PUP, MEK, and CL Mineral Claims

Whitehorse Mining District
Yukon Territory, Canada

Volume II of II

NTS 105D/3, 105D/4
60°11'N
135°17'W

for

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

by

Christopher O. Naas, *P.Geo.*
CME Consulting Ltd.
May 7, 2004

Costs associated with this report have been approved in the amount of $ _____
for assessment credit under Certificate of Work No. QW27655

#2

Mining Recorder
Whitehorse Mining District

CME

This volume contains:

Appendix III: Certificates of Analysis

Appendix IV: Analytical Laboratory Procedures

Appendix V: Core Reprocessing

Appendix VI: Diamond Drilling

Appendix VII: Statement of Costs

YUKON ENERGY, MINES
& RESOURCES LIBRARY
P.O. BOX 2703
WHITEHORSE, YUKON Y1A 2C6

APPENDIX III

CERTIFICATES OF ANALYSIS

a. Drill Core Reprocessing Program Samples
b. Drill Core Samples
c. Check Samples
d. Specific Gravity

APPENDIX III

CERTIFICATES OF ANALYSIS

a. Drill Core Reprocessing Program Samples

(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

CME Consulting Ltd. PROJECT CP56C File # A303912 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	Sample gm
SI	<1	1	3	7	<.3	1	<1	3	.07	2	<8	<2	<2	2	<.5	<3	<3	<1	.08	<.001	<1	1	<.01	27	<.01	<3	<.01	.37	.01	<2	.5	-
09701	<1	2	8	25	<.3	4	5	540	1.29	4	<8	<2	6	175	<.5	20	<3	11	2.37	.032	11	2	.80	959	<.01	<3	.28	.03	.31	<2	1.2	200
09702	<1	2	8	28	<.3	4	5	654	1.24	3	<8	<2	13	133	<.5	4	<3	7	2.32	.053	16	2	.70	872	<.01	<3	.22	.03	.23	<2	.6	1000
09703	81	2	210	402	<.3	1	<1	53	.73	265	11	<2	7	54	11.6	15	<3	<1	.07	.004	10	1	.02	79	<.01	<3	.16	.02	.19	<2	89.7	750
09704	8	2	72	312	<.3	1	<1	81	1.35	522	<8	<2	5	79	5.4	16	<3	1	.07	.003	5	1	.02	74	<.01	3	.16	.02	.18	<2	150.5	350
09705	1	2	12	79	<.3	24	11	851	2.08	76	<8	<2	7	261	.5	7	<3	15	3.13	.045	7	6	1.21	257	<.01	<3	.19	.02	.16	<2	31.4	2600
09706	<1	1	8	77	<.3	16	8	731	1.81	327	<8	<2	12	202	.7	4	<3	8	2.71	.050	13	4	.99	154	<.01	<3	.19	.02	.16	<2	6.5	3300
09707	1	4	6	65	<.3	15	9	752	2.09	359	<8	<2	12	195	.6	8	<3	6	2.55	.060	16	3	.90	128	<.01	<3	.18	.02	.17	<2	13.4	5600
09708	4	2	5	31	<.3	4	4	471	1.23	201	<8	<2	18	133	<.5	4	<3	3	1.63	.034	22	2	.48	194	<.01	<3	.16	.02	.16	<2	13.0	2300
09709	<1	2	4	51	<.3	4	5	582	1.55	577	<8	<2	13	141	<.5	4	<3	4	2.04	.056	15	2	.60	260	<.01	<3	.17	.02	.18	<2	313.4	9200
09710	3	5	5	32	<.3	4	3	567	.99	225	<8	<2	19	95	<.5	4	<3	2	1.41	.029	22	2	.45	257	<.01	<3	.17	.01	.17	<2	156.6	6500
09711	1	5	6	42	<.3	4	4	528	1.16	165	<8	<2	16	139	<.5	4	<3	4	1.89	.039	20	5	.64	96	<.01	<3	.17	.01	.16	<2	47.0	2400
09712	1	8	9	131	.4	38	17	1177	3.17	2216	<8	<2	5	281	1.4	9	<3	16	4.37	.065	5	8	1.81	76	<.01	<3	.22	.02	.20	<2	40.1	1400
09713	16	24	73	64	.7	6	6	967	1.83	522	<8	<2	18	144	.7	15	<3	5	2.33	.060	15	2	.74	228	<.01	<3	.18	.02	.17	<2	204.3	5700
09714	7	15	12	65	<.3	5	7	763	1.72	76	<8	<2	12	170	.7	11	<3	5	2.34	.060	16	2	.67	363	<.01	<3	.21	.03	.18	<2	131.2	4800
09715	1	61	10	124	<.3	52	19	2490	3.61	141	<8	<2	2	280	.5	35	<3	37	4.45	.107	8	17	1.93	296	<.01	<3	.31	.05	.23	<2	6.5	1200
09716	11	10	17	140	.4	37	15	3885	3.17	4199	<8	<2	4	199	.8	22	<3	14	4.48	.067	4	6	1.81	84	<.01	<3	.24	.03	.17	<2	634.8	1500
09717	4	14	46	173	.3	68	21	2047	3.70	78	<8	<2	3	266	1.7	19	<3	23	4.12	.094	5	21	1.81	81	<.01	<3	.31	.03	.20	<2	14.0	3100
09718	1	3	15	102	<.3	7	6	612	1.72	102	<8	<2	14	106	1.0	7	<3	7	1.87	.060	21	3	.58	196	<.01	<3	.18	.02	.17	<2	54.9	2000
09719	1	2	19	52	<.3	6	5	692	1.62	78	<8	<2	13	112	<.5	12	<3	4	2.14	.056	19	2	.60	146	<.01	<3	.18	.02	.17	<2	3.7	1300
09720	8	63	208	313	1.1	34	17	1470	2.75	812	<8	<2	7	170	4.9	70	<3	8	2.51	.072	11	4	.82	104	<.01	<3	.24	.02	.20	<2	277.2	1500
RE 09720	8	64	208	317	1.1	34	18	1479	2.76	805	<8	<2	8	171	5.1	70	<3	8	2.52	.072	10	4	.82	104	<.01	<3	.24	.02	.20	<2	284.4	-
RRE 09720	8	77	250	318	1.6	35	18	1499	2.77	737	<8	<2	8	169	5.1	85	<3	7	2.56	.072	10	4	.84	117	<.01	<3	.24	.02	.20	<2	218.0	-
09721	7	3	97	201	<.3	4	4	1051	1.18	43	<8	<2	10	142	2.8	55	<3	3	1.77	.036	15	2	.46	111	<.01	<3	.20	.02	.18	<2	10.0	800
09722	40	2	83	361	<.3	4	2	436	.85	99	<8	<2	8	100	6.7	17	<3	2	.74	.015	12	1	.19	296	<.01	<3	.18	.02	.17	<2	45.9	1100
09723	8	<1	55	119	<.3	1	<1	385	.54	12	<8	<2	5	33	2.2	11	<3	<1	.08	.002	10	2	.04	65	<.01	<3	.16	.02	.18	<2	10.6	1400
09724	6	1	13	49	<.3	1	1	479	.64	16	<8	<2	6	78	<.5	13	<3	<1	.73	.010	11	1	.09	67	<.01	3	.17	.01	.18	<2	18.4	1700
09725	7	1	14	55	<.3	1	<1	437	.52	13	<8	<2	7	61	<.5	7	3	<1	.41	.004	10	2	.03	60	<.01	<3	.17	.02	.19	<2	10.6	2000
09726	10	3	18	49	<.3	1	<1	243	.63	94	<8	<2	7	46	<.5	5	<3	<1	.28	.006	11	2	.05	120	<.01	<3	.19	.01	.21	<2	376.2	2000
09727	7	4	22	120	<.3	4	1	424	.76	128	<8	<2	7	104	1.1	7	<3	<1	.59	.013	11	1	.13	111	<.01	<3	.19	.02	.19	<2	447.8	1400
09728	7	4	34	108	<.3	1	<1	381	.45	81	<8	<2	6	61	.9	4	<3	<1	.45	.004	14	1	.02	82	<.01	<3	.17	.01	.21	<2	213.3	1900
09729	<1	2	5	35	<.3	4	5	565	1.47	3	<8	<2	13	125	<.5	18	3	9	1.91	.058	24	3	.61	980	<.01	<3	.20	.03	.17	<2	3.2	6800
09730	<1	37	12	35	.3	4	6	553	1.56	95	<8	<2	16	136	<.5	134	<3	6	1.88	.058	23	1	.59	648	<.01	<3	.20	.02	.18	<2	22.9	4400
09731	1	2	8	19	<.3	3	3	577	1.08	32	<8	<2	19	108	<.5	32	<3	2	1.45	.039	26	1	.34	137	<.01	<3	.20	.02	.19	<2	18.5	3800
09732	1	86	57	141	.6	43	12	2618	3.21	434	<8	<2	8	211	1.2	73	4	15	4.33	.063	10	11	1.89	181	<.01	<3	.37	.02	.19	<2	52.7	1600
STANDARD DS5/AU-R	11	134	21	132	<.3	24	11	721	2.81	17	<8	<2	2	48	5.5	3	6	55	.70	.093	10	180	.61	135	.08	15	1.92	.03	.12	4	460.1	-

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* IGNITED, ACID LEACHED, ANALYZED BY ICP-MS. (15 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 3 2003 DATE REPORT MAILED: Sept 5/03 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	Sample gm
09733	1	11	24	275	3.3	2	1	1194	.80	1649	<8	<2	6	318	6.3	187	<3	1	2.32	.010	12	1	.09	134	<.01	3	.22	.02	.19	<2	647.8	750
09734	1	2	39	129	<.3	<1	<1	836	.69	1744	<8	<2	6	91	6.4	63	<3	1	.92	.004	12	1	.03	79	<.01	4	.17	.01	.16	<2	423.3	2700
09735	4	20	88	371	2.1	15	9	1556	1.93	2774	<8	3	9	173	11.4	153	<3	6	2.21	.062	16	2	.51	114	<.01	3	.32	.03	.21	<2	2839.0	750
09736	2	18	21	81	.9	21	12	2346	2.76	1756	<8	<2	8	211	.7	37	<3	11	3.48	.070	11	5	1.14	69	<.01	<3	.25	.02	.19	<2	253.1	500
09737	3	6	8	69	.4	6	6	1841	1.91	2631	<8	<2	12	139	.8	82	<3	6	2.36	.061	15	2	.65	177	.01	3	.24	.02	.19	<2	415.6	1000
09738	1	1	5	55	<.3	4	6	668	1.76	460	<8	<2	11	126	.6	30	<3	6	2.40	.060	20	2	.71	320	<.01	3	.22	.02	.19	<2	7.9	5600
09739	1	2	4	49	<.3	5	7	580	1.89	339	8	<2	13	113	<.5	30	<3	6	2.44	.060	17	2	.70	230	<.01	3	.22	.01	.19	<2	6.3	4700
09740	1	4	4	54	<.3	4	6	496	1.64	1674	<8	4	13	85	.6	20	<3	4	1.63	.058	19	1	.47	121	<.01	3	.21	.02	.17	<2	3441.0	1300
09741	1	3	4	86	<.3	3	5	468	1.44	1038	<8	5	14	82	1.1	33	<3	4	1.47	.054	22	2	.42	106	<.01	4	.24	.02	.18	<2	5351.0	3000
09742	5	3	7	87	.3	7	7	736	1.76	317	<8	<2	9	105	1.4	16	<3	7	2.23	.057	14	2	.70	116	<.01	3	.22	.01	.17	<2	486.3	2700
09743	20	4	11	71	<.3	6	7	729	1.88	126	<8	<2	8	169	.9	42	<3	8	2.75	.061	15	2	.87	420	<.01	3	.22	.02	.17	<2	27.0	2700
RE 09743	19	5	12	74	.4	7	7	730	1.87	126	<8	<2	10	170	.8	44	<3	9	2.77	.061	17	2	.88	426	<.01	4	.23	.02	.18	<2	27.0	-
RRE 09743	16	6	13	72	<.3	6	7	723	1.87	126	<8	<2	9	173	.9	38	<3	7	2.77	.060	16	1	.88	379	<.01	3	.21	.01	.16	<2	35.8	-
09744	11	5	7	64	<.3	6	7	664	1.88	128	<8	<2	10	160	.6	14	<3	7	2.34	.062	16	2	.76	378	<.01	3	.25	.02	.19	<2	17.5	5100
09745	1	1	7	58	<.3	4	6	630	1.62	145	<8	<2	14	133	.7	26	<3	6	2.35	.059	18	1	.65	423	<.01	3	.24	.02	.19	<2	133.0	2700
STANDARD DS5/AU-R	11	139	23	129	<.3	23	11	717	2.81	20	<8	<2	2	44	5.5	<3	4	56	.66	.093	10	189	.62	134	.08	16	1.95	.03	.12	4	483.7	-

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 ___

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

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56C File # A303912R
2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Au** gm/mt
09735	2.74
09740	3.39
09741	5.66
STANDARD AU-1	3.35

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

DATE RECEIVED: SEP 8 2003 **DATE REPORT MAILED:** Sept 15/03 **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 VNC

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 CP56C File # A303542

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	7	10	<.3	2	1	27	.27	<2	<8	<2	<2	7	<.5	5	<3	1	.21	.002	<1	4	.04	14	<.01	<3	.05	.65	.01	<2	.7
9678	3	11	51	69	4.9	1	<1	479	.55	695	<8	<2	7	32	1.0	199	<3	<1	.38	.003	15	4	.01	264	<.01	<3	.26	.02	.23	<2	125.3
9679	2	3	60	78	<.3	2	<1	1023	.75	2032	<8	<2	8	87	3.7	105	<3	1	.93	.005	15	6	.03	92	<.01	<3	.33	.02	.25	<2	417.2
9680	4	24	22	96	1.0	15	9	1392	2.23	1319	<8	<2	11	143	1.1	63	<3	10	2.76	.058	16	9	.97	293	<.01	<3	.52	.02	.33	<2	1356.0
9681	5	16	22	82	1.4	6	6	1871	1.87	2318	<8	<2	14	148	1.0	54	<3	7	2.20	.054	17	4	.59	230	<.01	<3	.50	.02	.30	<2	445.3
9682	3	10	25	103	1.7	10	9	630	1.87	4425	<8	3	11	85	1.9	47	<3	5	1.05	.054	17	7	.28	92	<.01	<3	.64	.02	.29	<2	2367.4
9683	1	9	12	167	1.7	6	6	354	2.00	2293	<8	12	13	59	3.0	66	<3	5	.88	.049	20	5	.27	86	<.01	<3	.46	.01	.29	<2	11280.0
9684	2	6	14	266	1.2	13	9	765	2.13	639	<8	3	7	121	5.2	34	<3	11	2.48	.056	13	9	.81	122	<.01	4	.61	.02	.39	5	3227.8
9685	1	3	9	111	<.3	14	10	897	2.40	928	<8	4	6	140	1.5	22	<3	12	3.30	.058	9	9	1.10	217	<.01	<3	.48	.01	.31	<2	4758.7
9686	17	3	7	67	<.3	6	7	670	2.03	146	<8	<2	11	151	.7	39	<3	10	2.64	.057	18	6	.89	698	<.01	3	.45	.03	.28	<2	26.0
9687	1	2	14	152	<.3	33	18	1214	3.26	62	<8	<2	2	283	1.2	7	<3	21	4.62	.070	4	18	1.98	718	<.01	3	.63	.02	.42	<2	12.0
RE 9687	<1	1	15	151	<.3	32	17	1211	3.24	62	<8	<2	<2	280	1.2	7	<3	22	4.61	.069	4	19	1.97	714	<.01	5	.64	.02	.43	5	11.0
RRE 9687	<1	2	15	150	<.3	32	17	1201	3.20	63	<8	<2	2	278	1.3	8	<3	24	4.53	.067	4	21	1.94	695	<.01	4	.71	.02	.44	3	6.6
9688	1	2	8	92	<.3	10	8	887	2.09	109	<8	<2	8	169	1.1	12	<3	9	2.96	.059	16	6	.97	571	<.01	<3	.53	.02	.32	<2	22.6
9689	3	7	66	692	1.7	6	7	666	1.72	256	<8	<2	15	127	12.8	23	<3	8	2.03	.053	19	6	.55	302	<.01	<3	.59	.03	.38	5	763.0
STANDARD DS5/AU-R	13	143	24	134	.4	24	12	757	2.92	18	<8	<2	3	48	5.4	4	7	59	.72	.092	12	187	.66	141	.09	16	2.06	.04	.13	3	464.0

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* IGNITED, ACID LEACHED, ANALYZED BY ICP-MS. (15 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 19 2003 **DATE REPORT MAILED:** Aug 23/03 **SIGNED BY** ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Rec'd B

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

Data__ FA ___

[illegible]E A[illegible]YTI[illegible]LAB[illegible]ORI[illegible]LTD[illegible] 8[illegible]. H[illegible]NGS[illegible]. V[illegible]UVE[illegible]: V[illegible]1R6[illegible] PH[illegible]604[illegible])-31[illegible]FAX[illegible])25[illegible]16[illegible]
(ISO 9002 Accredited Co.)

ASSAY CERTIFICATE

CME Consulting Ltd. PROJECT CP56C File # A303542R

2130 - 21331 Gordon Way, Richmond BC V6W 1J9

SAMPLE#	Au** gm/mt
9680	1.39
9682	2.76
9683	11.71
9684	3.30
9685	4.63
STANDARD AU-1	3.38

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

DATE RECEIVED: AUG 26 2003 **DATE REPORT MAILED:** Sept 2/03 **SIGNED BY:** C.L 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 VNG

4-Nov-03

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2003-497

CME MANAGING CONSULTANTS LTD.
#2130 - 21331 Gordon Way
Richmond, BC
V6W 1J9

No. of samples received: 66
Sample type: Core
Project Name: Skukum
Project Number: CP56C
Submitted By: TV

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Tl %	U	V	W	Y	Zn
1	8079	20	<0.2	0.39	220	200	<5	2.03	<1	9	69	6	1.99	20	0.75	639	1	0.04	12	640	8	5	<20	127	<0.01	<10	26	<10	20	36
2	8080	20	<0.2	0.48	310	250	<5	1.72	<1	9	61	5	1.95	20	0.72	575	1	0.05	11	630	8	145	<20	89	<0.01	<10	33	<10	19	40
3	8081	360	<0.2	0.23	1290	90	<5	2.59	<1	8	69	5	2.06	20	0.74	1764	2	0.03	13	690	18	15	<20	133	<0.01	<10	13	<10	16	34
4	8082	275	0.8	0.20	1455	85	<5	2.56	<1	8	66	8	1.98	20	0.68	1776	1	0.03	13	600	148	40	<20	103	<0.01	<10	8	<10	12	48
5	8083	145	<0.2	0.19	315	355	<5	2.63	<1	8	54	8	1.77	20	0.70	1064	<1	0.03	11	620	10	10	<20	91	<0.01	<10	8	<10	13	39
6	8084	45	0.3	0.20	225	100	<5	2.51	<1	8	67	43	1.97	20	0.70	816	2	0.03	11	630	46	30	<20	86	<0.01	<10	9	<10	13	36
7	8085	40	0.2	0.19	550	65	<5	2.01	<1	6	68	5	1.69	10	0.58	689	2	0.03	9	480	26	10	<20	127	<0.01	<10	6	<10	11	41
8	8086	15	<0.2	0.20	85	270	<5	2.69	<1	7	66	3	1.90	20	0.77	668	2	0.03	12	620	6	<5	<20	124	<0.01	<10	12	<10	14	29
9	8087	<5	<0.2	0.23	80	260	<5	1.74	<1	8	70	8	1.88	20	0.55	690	3	0.04	12	490	12	10	<20	165	<0.01	<10	7	<10	16	41
10	8088	<5	<0.2	0.18	10	75	<5	1.53	<1	5	51	3	1.61	20	0.44	749	1	0.03	7	480	28	5	<20	68	<0.01	<10	8	<10	14	70
11	8089	<5	<0.2	0.20	<5	725	<5	3.22	<1	9	70	6	1.96	30	0.89	709	<1	0.03	13	690	12	<5	<20	138	<0.01	<10	10	<10	16	38
12	8090	5	<0.2	0.21	<5	745	<5	2.51	<1	8	65	3	1.78	30	0.68	575	1	0.04	11	630	6	<5	<20	99	<0.01	<10	11	<10	13	30
13	8091	25	<0.2	0.25	25	80	<5	1.69	<1	5	42	2	1.14	20	0.35	602	<1	0.04	6	460	12	<5	<20	129	<0.01	<10	5	<10	10	28
14	8092	250	<0.2	0.21	640	120	<5	3.40	<1	11	56	9	2.19	20	0.83	1297	1	0.03	33	680	16	10	<20	215	<0.01	<10	10	<10	15	45
15	8093	50	<0.2	0.20	30	385	<5	3.08	<1	12	63	3	2.28	20	1.16	796	<1	0.04	27	710	10	10	<20	137	<0.01	<10	15	<10	14	43
16	8094	5	<0.2	0.19	<5	765	<5	2.22	<1	9	69	3	1.88	20	0.76	554	1	0.04	12	640	6	<5	<20	94	<0.01	<10	16	<10	12	31
17	8095	10	0.3	0.18	<5	565	<5	2.03	<1	8	66	7	1.86	20	0.70	581	<1	0.04	10	620	6	10	<20	83	<0.01	<10	13	<10	12	30
18	8096	10	<0.2	0.18	<5	405	<5	2.02	<1	8	67	5	1.92	20	0.66	663	1	0.03	10	630	6	5	<20	86	<0.01	<10	11	<10	11	31
19	8097	10	<0.2	0.20	<5	675	<5	2.45	<1	8	71	2	1.79	30	0.79	701	<1	0.04	12	630	6	5	<20	92	<0.01	<10	11	<10	12	32
20	8098	90	<0.2	0.20	225	150	<5	2.27	<1	6	83	4	1.59	20	0.64	918	2	0.03	10	560	4	5	<20	93	<0.01	<10	11	<10	9	25
21	8099	50	<0.2	0.14	165	45	<5	0.71	<1	3	77	5	0.68	30	0.18	406	3	0.01	4	150	4	25	<20	41	<0.01	<10	2	<10	4	27
22	8100	30	<0.2	0.19	325	100	<5	2.18	<1	8	67	3	1.88	20	0.71	715	2	0.03	11	580	4	10	<20	100	<0.01	<10	16	<10	13	32
23	9951	45	<0.2	0.18	190	145	<5	3.22	<1	10	71	5	1.97	20	0.99	803	1	0.02	14	570	4	<5	<20	95	<0.01	<10	9	<10	8	46
24	9952	65	<0.2	0.18	1265	95	<5	2.62	<1	10	76	8	1.90	20	0.79	899	3	0.02	12	610	4	5	<20	82	<0.01	<10	8	<10	9	50
25	9953	>1000	>30	0.27	5500	20	<5	2.73	26	19	81	723	3.38	10	0.81	872	55	0.02	20	1280	326	>10000	<20	78	<0.01	<10	11	20	7	2053
26	9954	<5	<0.2	0.19	<5	125	<5	0.70	<1	1	44	2	0.62	40	0.16	150	4	0.07	2	30	18	5	<20	245	<0.01	<10	<1	<10	15	22
27	9955	365	0.7	0.20	890	95	<5	5.59	<1	14	64	28	2.96	10	1.86	2763	1	0.03	32	640	22	15	<20	88	<0.01	<10	17	<10	13	143
28	9956	>1000	0.3	0.63	1915	55	<5	4.61	<1	20	63	33	3.50	10	1.94	2442	<1	0.05	46	920	44	15	<20	146	<0.01	<10	40	<10	12	241
29	9957	<5	<0.2	0.17	<5	65	<5	2.45	<1	8	66	10	2.00	20	0.71	787	2	0.04	11	570	12	10	<20	75	<0.01	<10	11	<10	11	43
30	9958	100	0.2	0.20	65	255	<5	2.68	<1	8	77	6	1.82	20	0.70	1099	5	0.03	12	560	38	10	<20	93	<0.01	<10	11	<10	11	40
31	9959	5	<0.2	0.20	20	120	<5	2.72	<1	8	72	5	2.02	20	0.75	734	4	0.04	12	630	16	5	<20	104	<0.01	<10	14	<10	12	52
32	9960	<5	<0.2	0.19	30	95	<5	2.39	<1	9	71	9	1.77	20	0.62	718	5	0.03	10	590	20	<5	<20	85	<0.01	<10	7	<10	9	51
33	9961	<5	<0.2	0.17	<5	500	<5	1.97	<1	7	73	4	1.72	20	0.55	631	3	0.03	10	540	44	<5	<20	81	<0.01	<10	11	<10	12	122
34	9962	95	<0.2	0.18	255	60	<5	0.52	<1	1	77	2	0.59	10	0.03	332	4	0.01	2	30	22	10	<20	66	<0.01	<10	<1	<10	9	47
35	9963	40	<0.2	0.16	130	60	<5	0.04	5	1	82	2	0.46	10	0.02	50	8	0.02	2	30	92	10	<20	35	<0.01	<10	<1	<10	9	244
36	9964	95	0.2	0.15	625	65	<5	0.06	6	1	69	2	0.54	<10	0.02	66	10	0.02	2	30	94	10	<20	59	<0.01	<10	<1	<10	12	397
37	9965	165	0.2	0.14	1050	60	<5	0.08	<1	1	66	3	0.53	<10	0.02	120	4	0.02	<1	30	74	15	<20	55	<0.01	<10	<1	<10	11	218
38	9966	35	<0.2	0.19	1065	90	<5	2.61	<1	8	87	2	1.97	20	0.75	709	2	0.01	12	670	4	<5	<20	119	<0.01	<10	6	<10	9	41

CME MANAGING CONSULTANTS LTD. ICP CERTIFICATE OF ANALYSIS (2003 ECO TECH LABORATORY LTD.

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Tl %	U	V	W	Y	Zn
39	9967	10	<0.2	0.23	130	110	<5	5.96	<1	25	44	3	3.85	10	2.78	954	<1	0.03	67	660	14	<5	<20	319	<0.01	<10	28	<10	5	81
40	10034	<5	<0.2	0.17	70	325	<5	2.57	<1	10	72	14	1.64	20	1.12	468	1	0.02	24	320	12	<5	<20	140	<0.01	<10	9	<10	7	41
41	10035	>1000	0.7	0.26	5515	60	<5	4.13	<1	23	57	5	3.28	10	1.84	818	<1	0.02	61	670	12	<5	<20	184	<0.01	<10	18	<10	6	119
42	10036	10	0.2	0.18	110	120	<5	2.57	<1	8	80	3	1.56	20	0.91	455	2	0.03	18	420	10	<5	<20	126	<0.01	<10	6	<10	7	39
43	10037	5	<0.2	0.25	<5	715	<5	5.75	<1	28	55	3	3.99	10	2.97	1027	<1	0.02	71	770	12	<5	<20	231	<0.01	<10	24	<10	6	108
44	10038	5	<0.2	0.18	25	450	<5	2.96	<1	11	89	6	1.99	20	1.11	509	2	0.03	25	440	8	<5	<20	124	<0.01	<10	7	<10	6	50
45	10039	10	<0.2	0.17	15	710	<5	2.99	<1	9	85	5	1.65	30	1.00	528	2	0.03	17	350	10	<5	<20	115	<0.01	<10	6	<10	6	42
46	10040	<5	<0.2	0.15	35	510	<5	2.96	<1	8	80	4	1.67	20	1.00	510	2	0.02	17	320	6	<5	<20	121	<0.01	<10	5	<10	7	45
47	10041	<5	<0.2	0.14	15	425	<5	1.27	<1	4	79	3	0.81	20	0.40	227	2	0.02	7	160	6	<5	<20	66	<0.01	<10	2	<10	5	21
48	10042	10	<0.2	0.25	815	135	<5	6.33	<1	25	52	2	4.00	10	2.61	1102	<1	0.02	61	830	12	<5	<20	199	<0.01	<10	23	<10	6	129
49	10043	5	<0.2	0.23	585	150	<5	5.77	<1	21	58	2	3.40	10	2.28	1002	<1	0.02	48	740	12	<5	<20	167	<0.01	<10	20	<10	7	99
50	10044	5	<0.2	0.16	15	345	<5	2.22	<1	6	95	3	1.27	30	0.72	354	3	0.03	14	340	4	<5	<20	82	<0.01	<10	4	<10	6	32
51	10045	<5	<0.2	0.25	90	140	<5	5.97	<1	24	56	10	3.84	10	2.34	1017	<1	0.02	58	800	10	<5	<20	182	<0.01	<10	24	<10	7	118
52	10046	<5	<0.2	0.19	15	420	<5	4.13	<1	15	90	11	2.31	20	1.33	734	2	0.02	29	590	6	<5	<20	124	<0.01	<10	9	<10	9	65
53	10047	75	<0.2	0.17	225	230	<5	2.71	<1	8	66	2	1.80	20	0.82	640	1	0.02	13	570	2	<5	<20	100	<0.01	<10	7	<10	8	47
54	10048	<5	<0.2	0.18	125	250	<5	2.92	<1	10	79	2	2.18	30	0.94	645	2	0.03	15	660	4	<5	<20	109	<0.01	<10	11	<10	10	48
55	10049	20	<0.2	0.20	75	250	<5	2.88	<1	10	72	2	2.11	20	0.94	680	<1	0.03	15	670	4	<5	<20	109	<0.01	<10	11	<10	8	59
56	10050	5	<0.2	0.24	125	165	<5	5.83	<1	22	53	3	3.55	10	2.25	1234	<1	0.02	55	770	10	<5	<20	211	<0.01	<10	28	<10	5	95
57	10051	480	<0.2	0.20	1455	90	<5	4.85	<1	14	71	2	2.83	10	1.65	1242	<1	0.02	33	680	4	<5	<20	194	<0.01	<10	17	<10	9	73
58	10052	80	<0.2	0.19	885	110	<5	3.23	<1	10	78	2	2.21	20	1.12	809	3	0.02	21	610	4	<5	<20	147	<0.01	<10	11	<10	8	53
59	10053	685	0.2	0.19	1460	70	<5	2.58	<1	9	77	3	2.07	20	0.84	681	4	0.02	13	580	6	10	<20	132	<0.01	<10	11	<10	9	60
60	10054	>1000	0.4	0.19	1765	95	<5	2.53	<1	9	78	9	2.06	20	0.87	702	3	0.02	16	620	24	10	<20	146	<0.01	<10	13	<10	9	43
61	10055	130	<0.2	0.31	35	380	<5	5.01	<1	29	57	45	4.88	20	2.48	1133	<1	0.05	69	1070	6	20	<20	375	<0.01	<10	51	<10	10	85
62	10056	145	0.4	0.18	720	95	<5	2.84	<1	11	68	43	2.28	20	0.95	705	4	0.03	17	630	12	25	<20	160	<0.01	<10	13	<10	9	50
63	10057	5	<0.2	0.19	15	225	<5	2.49	<1	8	68	27	2.04	30	0.77	555	4	0.03	12	630	8	20	<20	133	<0.01	<10	14	<10	12	35
64	10058	30	0.4	0.18	645	135	<5	2.32	<1	9	82	69	2.06	20	0.68	587	7	0.03	12	640	20	35	<20	107	<0.01	<10	7	<10	9	41
65	10064	>1000	>30	0.49	>10000	35	<5	0.43	463	56	2229	1847	7.10	10	0.24	910	31	<0.01	1958	140	>10000	900	<20	15	<0.01	<10	28	230	<1	>10000
66	10065	<5	<0.2	1.17	<5	65	<5	0.77	<1	11	120	20	2.03	<10	0.69	310	3	0.08	26	460	8	<5	<20	26	0.05	<10	23	<10	14	44
QC DATA:																														
Resplit:																														
1	8079	15	<0.2	0.38	250	210	<5	2.03	<1	9	77	6	2.05	20	0.71	626	1	0.04	14	660	8	10	<20	117	<0.01	<10	26	<10	20	37
36	9964	25	<0.2	0.15	635	65	<5	0.06	5	<1	74	2	0.55	<10	0.02	68	11	0.02	1	30	100	10	<20	58	<0.01	<10	<1	<10	12	392
Repeat:																														
1	8079	20	<0.2	0.38	235	175	<5	2.07	<1	9	70	6	2.01	20	0.75	650	1	0.04	12	670	8	10	<20	121	<0.01	<10	26	<10	20	36
10	8088	<5	<0.2	0.18	10	75	<5	1.57	<1	6	52	3	1.66	20	0.46	775	1	0.03	7	510	26	5	<20	71	<0.01	<10	8	<10	15	71
19	8097	10	<0.2	0.19	<5	655	<5	2.52	<1	8	74	2	1.86	30	0.80	726	<1	0.04	11	640	6	5	<20	90	<0.01	<10	11	<10	12	34
36	9964	105	0.2	0.14	660	65	<5	0.06	5	1	70	2	0.56	<10	0.02	69	10	0.02	1	30	100	10	<20	58	<0.01	<10	<1	<10	12	412
45	10039	15	<0.2	0.17	15	655	<5	2.99	<1	8	84	4	1.64	30	1.01	506	1	0.03	18	360	8	<5	<20	115	<0.01	<10	6	<10	7	42
54	10048	<5	<0.2	0.18	125	215	<5	2.94	<1	10	78	2	2.19	30	0.94	648	2	0.03	14	680	4	<5	<20	108	<0.01	<10	11	<10	9	48
Standard:																														
GEO '03		140	1.4	1.60	55	135	<5	1.62	<1	20	59	84	3.65	10	0.94	648	<1	0.02	29	670	20	<5	<20	46	0.11	<10	64	<10	10	74
GEO '03		140	1.6	1.58	60	135	<5	1.65	<1	21	59	82	3.66	10	0.92	651	<1	0.02	29	670	20	<5	<20	51	0.10	<10	68	<10	11	72

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/lh
df/497
XLS/03

Eco Tech Laboratory Ltd.

ASSAYING
GEOCHEMISTRY
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ENVIRONMENTAL TESTING

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CERTIFICATE OF ASSAY AK 2003-497

CME MANAGING CONSULTANTS LTD.
#2130 - 21331 Gordon Way
Richmond, BC
V6W 1J9

5-Nov-03

No. of samples received: 66
Sample type: Core
Project Name: Skukum
Project Number: CP56C
Submitted By: TV

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)	Pb (%)	Zn (%)	Sb (%)
25	9953	2.07	0.060	34.6	1.01			1.09
28	9956	1.06	0.031					
41	10035	3.24	0.094					
60	10054	1.47	0.043					
65	10064	10.4	0.303	1560	45.49	2.88	2.10	

QC DATA:

Standard:

PM163		1.63	0.048					
CPb								0.36

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/lh
XLS/03

10-Nov-03

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2003-515

CME MANAGING CONSULTANTS LTD.
#2130 - 21331 Gordon Way
Richmond, BC
V6W 1J9

No. of samples received: 45
Sample type: Core
Project Name: Skukum
Project Number: CP56C
Submitted By:TV

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Tl %	U	V	W	Y	Zn
1	7351	<5	<0.2	0.18	<5	1050	<5	2.44	<1	8	58	2	1.55	30	0.77	516	2	0.03	12	630	8	<5	<20	138	0.01	<10	9	<10	13	31
2	9968	10	<0.2	0.22	165	395	<5	3.39	<1	14	64	4	2.66	20	1.37	775	1	0.02	30	670	6	<5	<20	195	0.02	<10	15	<10	8	71
3	9969	5	<0.2	0.19	245	300	<5	2.45	<1	9	60	3	2.13	30	0.84	667	1	0.02	13	680	2	<5	<20	133	0.02	<10	10	<10	9	50
4	9970	5	<0.2	0.20	190	325	<5	2.76	<1	10	63	31	2.33	20	1.01	772	2	0.02	18	680	4	20	<20	155	0.02	<10	10	<10	10	66
5	9971	15	<0.2	0.18	195	350	<5	2.51	<1	9	60	30	2.09	20	0.85	605	3	0.03	14	650	8	15	<20	173	0.01	<10	10	<10	9	52
6	9972	5	<0.2	0.19	435	250	<5	2.42	<1	8	71	41	2.05	20	0.77	593	6	0.02	13	640	6	25	<20	121	0.01	<10	8	<10	9	49
7	9973	<5	<0.2	0.20	75	360	<5	2.44	<1	8	70	18	2.00	30	0.76	558	4	0.03	13	660	6	10	<20	164	0.01	<10	11	<10	12	40
8	9974	505	<0.2	0.22	540	265	<5	2.69	1	10	91	28	2.19	20	0.90	715	4	0.03	20	660	60	15	<20	137	0.02	<10	8	<10	10	67
9	9975	50	0.2	0.26	45	195	<5	3.75	<1	14	67	32	2.49	20	1.26	1094	5	0.03	29	730	22	10	<20	186	0.02	<10	13	<10	10	59
10	9976	55	<0.2	0.19	95	415	<5	2.56	<1	8	78	3	1.91	20	0.82	632	8	0.02	14	600	6	<5	<20	124	0.01	<10	8	<10	9	40
11	9977	15	<0.2	0.29	95	485	<5	4.38	<1	23	56	21	4.26	20	2.17	1004	2	0.02	40	1690	12	<5	<20	200	0.03	<10	13	<10	8	86
12	9978	890	2.2	0.22	195	120	<5	3.02	1	9	77	11	2.08	20	0.89	878	13	0.02	16	670	36	10	<20	112	0.02	<10	5	<10	10	66
13	9979	<5	<0.2	0.34	<5	920	<5	3.59	<1	19	66	18	3.53	20	1.74	841	2	0.04	34	1390	10	5	<20	184	0.02	<10	19	<10	12	80
14	9980	<5	<0.2	0.23	<5	920	<5	3.62	<1	14	52	6	2.64	30	1.47	789	<1	0.03	27	1120	6	<5	<20	130	0.02	<10	12	<10	12	64
15	9981	30	0.2	0.20	70	125	<5	2.90	<1	8	67	10	2.07	20	0.88	1109	14	0.03	16	660	8	5	<20	152	0.02	<10	7	<10	13	42
16	9982	40	<0.2	0.22	30	395	<5	3.11	<1	8	66	2	1.87	20	0.81	1021	2	0.03	14	680	4	<5	<20	106	0.02	<10	7	<10	13	31
17	9983	5	<0.2	0.21	10	615	<5	3.31	<1	8	75	2	1.95	30	0.77	877	3	0.03	15	790	6	<5	<20	145	0.02	<10	7	<10	14	45
18	9984	10	0.5	0.25	10	85	<5	1.87	<1	6	48	8	1.41	20	0.32	929	3	0.03	10	730	28	5	<20	157	0.01	<10	5	<10	17	75
19	9985	<5	<0.2	0.18	<5	95	<5	0.92	<1	<1	73	1	0.42	10	0.08	383	4	0.03	5	10	26	<5	<20	204	<0.01	<10	<1	<10	23	27
20	9986	<5	<0.2	0.20	<5	75	<5	0.97	<1	2	82	2	0.64	20	0.14	290	8	0.05	6	120	30	<5	<20	128	<0.01	<10	1	<10	17	35
21	10061	10	0.2	2.63	<5	1135	<5	4.57	2	28	123	45	4.44	30	3.36	1260	<1	0.04	83	1130	20	20	<20	171	0.04	<10	74	<10	12	224
22	10062	30	0.3	2.73	10	370	<5	4.81	3	27	130	60	4.36	30	3.39	1312	<1	0.04	87	1150	56	20	<20	218	0.04	<10	73	<10	13	291
23	10063	<5	<0.2	0.58	<5	405	<5	2.53	<1	10	69	4	1.96	30	0.84	688	3	0.04	18	710	10	<5	<20	99	0.02	<10	20	<10	19	43
24	10066	300	<0.2	0.22	1180	145	<5	2.59	<1	9	59	2	1.90	20	0.80	1398	2	0.03	14	640	6	15	<20	100	0.02	<10	8	<10	13	39
25	10067	<5	<0.2	0.20	<5	995	<5	2.10	<1	8	65	2	1.79	30	0.74	603	1	0.04	13	640	4	10	<20	89	0.01	<10	11	<10	12	31
26	10068	<5	<0.2	0.20	<5	810	<5	2.43	<1	11	55	13	1.89	30	0.93	604	3	0.03	17	670	8	10	<20	82	0.01	<10	11	<10	9	38
27	10069	5	<0.2	0.98	<5	285	<5	4.68	<1	27	85	54	4.17	30	2.91	1279	<1	0.04	87	1150	20	10	<20	117	0.03	<10	43	<10	11	165
28	10070	<5	<0.2	1.64	<5	405	<5	5.11	3	29	103	37	4.50	30	3.58	1414	<1	0.04	102	1190	18	10	<20	275	0.04	<10	54	<10	14	260
29	10071	<5	<0.2	0.22	<5	975	<5	3.26	<1	9	69	16	1.91	20	1.19	676	2	0.03	17	650	12	15	<20	136	0.01	<10	10	<10	11	65
30	10072	<5	<0.2	0.23	1080	160	<5	3.11	1	9	69	2	2.10	20	1.01	735	1	0.01	18	700	6	25	<20	142	0.02	<10	7	<10	9	75
31	10073	5	<0.2	0.21	1845	155	<5	2.93	<1	9	78	3	2.10	20	0.91	893	2	0.01	14	650	6	20	<20	124	0.02	<10	6	<10	9	69
32	10074	<5	<0.2	0.23	1680	160	<5	2.62	2	9	79	3	1.94	30	0.78	771	2	0.01	15	660	6	15	<20	109	0.02	<10	6	<10	9	69
33	10075	5	<0.2	0.21	625	195	<5	2.78	<1	10	74	5	2.21	20	0.89	614	2	0.02	15	690	8	10	<20	112	0.01	<10	6	<10	10	65
34	10076	35	0.5	0.21	105	370	<5	2.68	<1	10	71	59	1.97	30	0.82	668	22	0.03	16	640	14	35	<20	105	0.01	<10	5	<10	10	55
35	10077	25	0.5	0.22	80	305	<5	3.09	<1	13	65	69	2.28	30	1.04	841	8	0.02	26	730	188	45	<20	129	0.02	<10	8	<10	8	74
36	10078	<5	<0.2	0.31	50	445	<5	5.39	1	26	54	25	4.19	30	2.17	1437	3	0.02	66	1280	90	<5	<20	188	0.03	<10	14	<10	8	135
37	10079	<5	<0.2	0.20	15	685	<5	2.63	<1	10	87	58	2.03	30	0.86	603	9	0.03	17	690	50	35	<20	110	0.02	<10	6	<10	9	64

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Tl %	U	V	W	Y	Zn
38	10080	<5	<0.2	0.19	45	560	<5	2.73	<1	9	77	28	2.16	30	0.87	621	4	0.02	14	680	10	20	<20	95	0.02	<10	6	<10	10	53
39	10081	5	<0.2	0.19	20	760	<5	2.50	<1	9	77	24	1.91	30	0.80	665	13	0.03	14	630	10	20	<20	93	0.01	<10	5	<10	11	58
40	10082	45	<0.2	0.18	50	360	<5	2.95	<1	9	83	10	1.93	30	0.84	971	8	0.02	16	630	12	10	<20	102	0.02	<10	5	<10	11	51
41	10083	50	<0.2	0.22	40	225	<5	2.39	<1	7	105	11	1.67	20	0.67	866	3	0.02	14	570	4	15	<20	82	0.01	<10	5	<10	9	37
42	10084	60	0.2	0.18	100	170	<5	2.69	<1	8	81	16	1.76	30	0.77	943	4	0.01	15	610	4	40	<20	80	0.02	<10	3	<10	10	44
43	10085	85	0.3	0.17	515	150	<5	2.34	1	7	67	7	1.81	20	0.70	984	3	0.02	13	540	10	10	<20	83	0.02	<10	6	<10	8	68
44	10099	>1000	>30	0.51	>10000	40	<5	0.42	603	56	2374	1688	7.04	30	0.24	900	33	<0.01	2104	140	>10000	945	<20	13	0.06	<10	22	210	<1	>10000
45	10100	<5	<0.2	1.22	<5	70	<5	0.79	<1	11	137	18	2.03	<10	0.70	308	2	0.09	30	470	6	<5	<20	25	0.07	<10	47	<10	16	46
QC DATA:																														
Resplit:																														
1	7351	<5	<0.2	0.20	<5	1100	<5	2.46	<1	8	65	2	1.62	30	0.76	529	1	0.03	13	640	4	<5	<20	133	0.01	<10	10	<10	13	30
36	10078	<5	<0.2	0.30	60	425	<5	5.37	1	26	49	19	4.26	30	2.13	1432	3	0.02	67	1310	96	5	<20	182	0.03	<10	14	<10	6	136
Repeat:																														
1	7351	<5	<0.2	0.19	<5	1055	<5	2.49	<1	8	60	3	1.59	30	0.78	531	2	0.03	12	650	6	<5	<20	138	0.01	<10	9	<10	12	31
8	9974	505																												
10	9976	55	<0.2	0.19	90	420	<5	2.55	<1	8	78	3	1.90	20	0.81	629	4	0.03	14	600	6	<5	<20	119	0.01	<10	8	<10	10	41
12	9978	890																												
19	9985	<5	<0.2	0.19	<5	95	<5	0.91	<1	<1	72	1	0.42	10	0.08	381	4	0.03	5	10	24	<5	<20	201	<0.01	<10	<1	<10	23	26
24	10066	300																												
36	10078	<5	<0.2	0.33	65	495	<5	5.50	1	25	57	24	4.26	30	2.18	1459	2	0.02	68	1290	98	5	<20	185	0.03	<10	14	<10	6	147
45	10100	-	<0.2	1.21	<5	70	<5	0.77	<1	10	136	18	2.01	<10	0.69	304	2	0.09	28	460	6	5	<20	25	0.07	<10	47	<10	15	45
Standard:																														
GEO '03		140	1.5	1.61	55	145	<5	1.61	<1	20	60	82	3.55	<10	0.93	639	<1	0.02	31	660	22	<5	<20	56	0.08	<10	72	<10	10	74
GEO '03		140	1.5	1.65	60	150	<5	1.67	<1	21	62	83	3.65	<10	0.95	653	<1	0.02	32	690	22	<5	<20	56	0.08	<10	73	<10	10	72

ECO-TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/kk
df/514
XLS/03

26-Nov-03

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2003-569

CME MANAGING CONSULTANTS LTD.
#2130 - 21331 Gordon Way
Richmond, BC
V6W 1J9

No. of samples received: 75
Sample type: Core
Project Name: Skukum
Project Number: CP56C

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	7365	10	<0.2	0.26	65	550	<5	3.39	<1	10	119	8	2.36	20	0.85	629	9	<0.01	18	710	8	25	<20	180	<0.01	<10	8	<10	3	82
2	7366	<5	<0.2	0.25	45	280	<5	2.79	<1	7	103	4	1.69	20	0.88	615	2	0.02	15	580	4	<5	<20	125	0.03	<10	6	<10	4	56
3	7388	10	<0.2	0.20	845	105	<5	3.64	<1	11	118	6	2.72	20	0.85	798	2	<0.01	26	640	8	10	<20	150	<0.01	<10	9	<10	4	91
4	7389	<5	<0.2	0.21	160	260	<5	2.88	<1	10	114	10	2.25	20	0.68	563	27	<0.01	17	710	8	5	<20	204	<0.01	<10	9	<10	5	112
5	7390	20	<0.2	0.19	400	180	<5	2.99	<1	9	103	2	2.32	20	0.73	655	<1	<0.01	18	680	10	5	<20	216	<0.01	<10	9	<10	5	73
6	7391	25	<0.2	0.25	415	190	<5	5.37	<1	16	90	5	2.97	20	1.52	842	2	<0.01	41	700	12	<5	<20	252	<0.01	<10	14	<10	4	84
7	7392	520	0.4	0.21	1225	110	<5	2.96	<1	9	86	10	2.24	10	0.63	1804	1	<0.01	18	670	22	20	<20	234	<0.01	<10	6	<10	7	68
8	7393	235	1.2	0.24	1390	35	<5	6.66	<1	21	80	59	4.40	10	1.91	2087	5	<0.01	73	820	38	35	<20	564	0.01	<10	11	<10	6	101
9	7394	40	<0.2	0.24	630	125	<5	2.81	<1	9	113	8	2.29	20	0.64	799	4	0.01	16	700	18	10	<20	180	<0.01	<10	6	<10	7	44
10	7395	210	3.2	0.33	575	50	<5	4.62	5	17	46	26	3.54	20	1.92	2038	1	0.02	29	1410	80	315	<20	187	0.06	<10	20	<10	6	398
11	7396	20	<0.2	0.54	715	100	<5	4.98	<1	25	69	28	4.02	20	2.89	1856	<1	0.04	103	850	6	<5	<20	419	0.06	<10	41	<10	8	128
12	7397	85	0.2	0.26	95	150	<5	2.06	<1	9	78	13	2.03	30	0.75	578	5	0.04	15	630	26	15	<20	133	0.03	<10	6	<10	9	45
13	7398	<5	<0.2	0.33	2400	95	<5	4.97	<1	17	54	47	3.24	20	1.72	1119	2	0.03	40	1040	14	15	<20	151	0.05	<10	13	<10	9	84
14	7399	>1000	>30	0.44	>10000	35	<5	0.48	424	58	2611	1810	7.59	20	0.20	955	37	<0.01	2329	180	>10000	995	<20	30	0.02	<10	22	<10	1	>10000
15	7400	<5	<0.2	1.00	<5	70	<5	0.83	<1	10	142	19	2.18	<10	0.58	314	<1	0.03	35	480	26	5	<20	42	0.02	<10	45	<10	6	67
16	8224	<5	<0.2	0.21	305	260	<5	4.39	<1	10	85	2	2.73	20	0.98	1242	2	<0.01	21	830	8	<5	<20	282	<0.01	<10	7	<10	6	104
17	8225	<5	<0.2	0.20	410	240	<5	3.06	<1	10	87	4	2.42	20	0.71	1040	2	<0.01	15	810	8	<5	<20	144	<0.01	<10	5	<10	4	88
18	8226	<5	<0.2	0.19	315	370	<5	2.64	<1	7	117	2	1.81	20	0.55	709	4	<0.01	14	570	6	10	<20	120	<0.01	<10	3	<10	3	64
19	8227	95	<0.2	0.18	340	185	<5	2.04	<1	6	126	2	1.47	20	0.41	773	3	<0.01	12	460	8	10	<20	78	<0.01	<10	2	<10	3	48
20	8228	25	0.6	0.14	65	35	<5	0.14	2	1	164	4	0.41	20	0.03	103	6	<0.01	6	20	112	10	<20	78	<0.01	<10	<1	<10	<1	235
21	8229	100	0.2	0.13	140	35	<5	0.34	<1	2	145	4	0.68	20	0.08	264	4	<0.01	5	20	24	10	<20	60	<0.01	<10	<1	<10	<1	119
22	8230	20	<0.2	0.14	70	35	<5	0.95	<1	2	133	4	0.85	20	0.19	587	5	<0.01	8	150	6	5	<20	42	<0.01	<10	<1	<10	2	35
23	8231	10	<0.2	0.15	45	45	<5	1.83	<1	5	145	2	1.12	20	0.43	652	5	<0.01	15	170	8	5	<20	48	<0.01	<10	2	<10	2	80
24	8232	<5	<0.2	0.15	85	40	<5	1.18	<1	4	125	4	0.85	20	0.28	525	<1	<0.01	12	150	6	20	<20	72	<0.01	<10	<1	<10	<1	41
25	8233	>1000	3.0	0.28	3870	50	<5	1.74	<1	10	132	24	2.66	10	0.45	736	7	<0.01	27	300	56	50	<20	258	<0.01	<10	5	<10	2	572
26	8234	>1000	1.6	0.15	1075	50	<5	0.40	<1	3	134	6	1.03	20	0.11	148	<1	<0.01	9	120	6	10	<20	102	<0.01	<10	<1	<10	<1	51
27	8235	630	0.4	0.20	735	80	<5	0.58	<1	3	180	6	0.94	20	0.15	234	8	<0.01	8	140	8	10	<20	66	<0.01	<10	<1	<10	<1	45
28	8236	>1000	0.7	0.16	3280	100	<5	1.47	<1	7	103	7	1.65	20	0.33	451	<1	<0.01	14	390	10	20	<20	108	<0.01	<10	2	<10	2	85
29	8237	>1000	0.2	0.23	1840	130	<5	2.65	<1	8	127	5	2.17	20	0.58	699	5	<0.01	15	570	8	20	<20	138	<0.01	<10	6	<10	4	68
30	9851	560	0.7	0.22	1335	120	<5	3.25	<1	9	86	13	2.19	20	0.77	1009	1	<0.01	23	680	48	70	<20	216	<0.01	<10	4	<10	6	261
31	9852	25	<0.2	0.23	100	290	<5	3.21	<1	9	110	7	2.25	20	0.79	854	4	0.01	16	680	14	10	<20	156	<0.01	<10	7	<10	6	49
32	9853	<5	<0.2	0.20	<5	610	<5	2.69	<1	9	85	4	2.30	20	0.70	656	<1	0.01	17	770	8	<5	<20	102	<0.01	<10	15	<10	8	47
33	9854	<5	<0.2	0.58	<5	210	<5	5.21	<1	25	90	38	4.71	20	2.16	1420	<1	0.01	78	1110	16	25	<20	138	0.01	<10	39	<10	7	110
34	9855	5	<0.2	0.19	<5	330	<5	2.57	<1	9	83	6	2.28	10	0.72	612	3	0.02	15	680	10	5	<20	102	<0.01	<10	10	<10	5	46
35	9856	15	0.8	0.37	180	230	<5	6.74	2	33	86	86	4.88	10	2.26	1670	3	<0.01	84	1400	60	80	<20	378	0.01	<10	28	<10	7	379

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
36	9857	20	<0.2	0.28	105	635	<5	5.35	<1	19	96	13	3.63	20	1.50	1138	2	<0.01	47	950	16	25	<20	336	<0.01	<10	16	<10	6	110
37	9858	200	0.3	0.17	940	105	<5	0.30	<1	2	96	4	0.94	10	0.07	490	4	<0.01	4	40	60	55	<20	162	<0.01	<10	<1	<10	2	100
38	9859	<5	<0.2	0.22	35	645	<5	2.76	<1	9	119	4	2.00	20	0.61	636	4	<0.01	15	670	8	25	<20	210	<0.01	<10	6	<10	4	40
39	9860	200	0.2	0.31	665	220	<5	2.12	<1	7	45	4	2.15	30	0.32	925	4	0.03	16	580	32	30	<20	564	<0.01	<10	1	<10	10	90
40	9861	10	<0.2	0.19	80	415	<5	3.80	<1	8	93	2	2.09	20	0.62	887	3	<0.01	17	650	8	10	<20	378	<0.01	<10	4	<10	6	67
41	9862	5	<0.2	0.24	1270	165	<5	2.96	<1	9	113	1	2.19	20	0.66	752	3	<0.01	15	730	8	<5	<20	108	<0.01	<10	6	<10	6	59
42	9863	670	0.2	0.15	315	30	<5	0.12	<1	1	157	4	0.50	20	0.03	85	6	<0.01	6	20	4	10	<20	48	<0.01	<10	<1	<10	<1	45
43	9864	420	0.2	0.14	370	35	<5	0.21	<1	1	152	4	0.48	20	0.05	183	4	<0.01	5	20	4	10	<20	48	<0.01	<10	<1	<10	1	38
44	9865	25	<0.2	0.14	110	30	<5	1.74	<1	5	120	5	1.13	20	0.39	828	5	<0.01	17	140	6	10	<20	54	<0.01	<10	1	<10	2	75
45	9866	<5	0.2	0.14	70	35	<5	0.71	<1	2	137	5	0.67	20	0.15	432	6	<0.01	7	30	14	10	<20	42	<0.01	<10	<1	<10	1	35
46	9867	10	1.4	0.24	1545	60	<5	5.18	<1	14	72	54	3.39	20	1.07	2038	3	<0.01	23	1340	28	40	<20	24	<0.01	<10	11	<10	6	168
47	9868	5	0.3	0.15	50	35	<5	0.47	<1	2	155	11	0.56	20	0.09	319	6	<0.01	6	30	18	15	<20	42	<0.01	<10	<1	<10	<1	35
48	9869	15	12.6	0.13	110	35	<5	1.15	5	4	119	480	0.94	20	0.25	591	12	<0.01	10	130	40	315	<20	42	<0.01	<10	<1	<10	1	187
49	9870	195	<0.2	0.17	260	70	<5	2.55	<1	7	115	4	1.70	20	0.54	783	5	<0.01	16	510	4	5	<20	96	<0.01	<10	3	<10	4	86
50	9871	>1000	0.6	0.17	1815	55	<5	1.49	<1	5	127	6	1.42	20	0.29	604	5	<0.01	10	390	8	15	<20	84	<0.01	<10	1	<10	3	138
51	9872	>1000	0.6	0.13	2255	35	<5	0.28	<1	3	145	6	0.82	20	0.06	221	6	<0.01	7	80	6	15	<20	54	<0.01	<10	<1	<10	<1	112
52	9873	60	<0.2	0.15	320	40	<5	0.38	<1	1	147	4	0.62	20	0.08	277	6	<0.01	6	70	6	10	<20	48	<0.01	<10	<1	<10	<1	59
53	9874	165	0.2	0.13	315	40	<5	0.17	<1	2	154	5	0.47	20	0.04	156	8	<0.01	6	40	12	15	<20	54	<0.01	<10	<1	<10	<1	83
54	9892	600	2.8	0.27	3450	35	<5	5.26	<1	25	74	49	4.33	<10	1.34	2556	3	<0.01	70	1030	594	75	<20	174	0.01	<10	13	<10	5	435
55	9893	30	0.4	0.18	425	90	<5	3.13	<1	9	101	10	2.42	10	0.57	1238	3	<0.01	16	750	56	10	<20	180	<0.01	<10	5	<10	6	87
56	9894	250	0.2	0.20	360	125	<5	3.12	<1	9	98	2	2.38	20	0.60	851	2	<0.01	16	790	16	15	<20	114	<0.01	<10	8	<10	6	58
57	9895	<5	<0.2	0.19	435	180	<5	3.05	<1	9	97	2	2.27	20	0.60	754	2	<0.01	17	750	10	<5	<20	120	<0.01	<10	5	<10	6	42
58	9896	>1000	1.7	0.20	6705	45	<5	1.66	<1	10	120	10	2.70	10	0.33	648	4	<0.01	14	740	18	25	<20	102	<0.01	<10	3	<10	4	263
59	9897	160	0.4	0.21	1910	95	<5	2.73	<1	9	92	5	2.52	20	0.56	780	<1	<0.01	16	760	14	30	<20	138	<0.01	<10	6	<10	6	66
60	9898	710	0.3	0.20	355	90	<5	2.50	<1	9	98	4	2.32	20	0.55	681	3	<0.01	16	710	16	25	<20	180	<0.01	<10	8	<10	6	43
61	9901	140	<0.2	0.36	30	295	<5	2.92	<1	8	119	17	2.18	20	0.75	835	5	0.02	20	770	20	20	<20	186	<0.01	<10	16	<10	8	62
62	9987	<5	<0.2	0.23	<5	170	<5	3.56	<1	14	90	12	2.72	20	0.92	1463	2	<0.01	33	830	34	10	<20	168	<0.01	<10	11	<10	6	90
63	9988	140	0.2	0.22	120	190	<5	4.87	<1	17	70	16	3.30	10	1.31	2020	<1	<0.01	50	970	40	<5	<20	120	<0.01	<10	14	<10	7	116
64	9989	<5	<0.2	0.41	<5	1300	<5	3.80	<1	16	107	4	2.76	20	1.15	778	4	0.01	49	810	22	<5	<20	222	<0.01	<10	16	<10	6	74
65	9990	5	<0.2	0.16	20	200	<5	0.86	<1	1	105	2	0.72	<10	0.03	474	<1	<0.01	5	30	36	50	<20	222	<0.01	<10	<1	<10	5	35
66	9991	5	<0.2	0.26	280	535	<5	3.20	<1	9	107	6	2.23	20	0.72	831	4	0.01	21	690	20	15	<20	336	<0.01	<10	9	<10	5	74
67	9992	<5	<0.2	0.18	10	825	<5	2.84	<1	8	84	2	1.94	20	0.61	628	<1	<0.01	14	610	8	15	<20	216	<0.01	<10	7	<10	5	57
68	9993	<5	<0.2	0.18	10	905	<5	2.62	<1	8	98	4	1.81	20	0.56	571	<1	<0.01	14	570	12	10	<20	186	<0.01	<10	6	<10	6	51
69	9994	5	<0.2	0.25	30	645	<5	2.63	<1	8	108	2	1.92	20	0.56	642	4	0.01	13	640	8	5	<20	174	<0.01	<10	7	<10	6	47
70	9995	<5	<0.2	0.19	15	850	<5	2.47	<1	7	105	2	1.77	30	0.52	564	<1	<0.01	13	570	8	<5	<20	180	<0.01	<10	5	<10	5	42
71	9996	<5	<0.2	0.19	180	245	<5	2.87	<1	9	101	4	2.25	20	0.62	642	3	<0.01	15	710	8	<5	<20	156	<0.01	<10	7	<10	6	48
72	9997	30	<0.2	0.18	930	180	<5	2.86	<1	8	118	2	2.07	20	0.58	864	3	<0.01	15	630	8	5	<20	132	<0.01	<10	5	<10	5	54
73	9998	10	<0.2	0.20	245	340	<5	4.34	<1	14	108	2	2.77	20	1.12	1331	3	<0.01	39	770	12	<5	<20	168	<0.01	<10	11	<10	6	137
74	9999	40	<0.2	0.17	835	175	<5	2.83	<1	8	100	2	2.09	20	0.59	882	3	<0.01	16	700	8	5	<20	120	<0.01	<10	4	<10	5	64
75	10000	310	1.0	0.21	2040	140	<5	3.96	<1	14	89	70	3.24	20	0.88	1517	3	<0.01	21	1130	34	35	<20	102	<0.01	<10	7	<10	5	131

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Tl %	U	V	W	Y	Zn
QC DATA:																														
Resplit:																														
1	7365	65	<0.2	0.26	60	690	<5	3.54	<1	10	135	5	2.41	20	0.88	652	5	<0.01	19	710	10	10	<20	264	<0.01	<10	8	<10	3	87
36	9857	15	<0.2	0.25	90	700	<5	5.17	<1	18	95	11	3.48	20	1.36	1081	2	<0.01	43	910	16	20	<20	234	<0.01	<10	15	<10	6	113
71	9996	<5	<0.2	0.18	160	250	<5	2.87	<1	8	108	1	2.23	20	0.61	634	3	<0.01	16	730	8	<5	<20	144	<0.01	<10	7	<10	6	48
Repeat:																														
1	7365	10	<0.2	0.26	445	865	<5	3.72	<1	<1	122	8	2.55	30	0.88	675	16	<0.01	43	<10	<2	110	<20	342	<0.01	130	13	<10	<1	82
7	7392	460	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	7393	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	7395	170	3.4	0.31	685	100	<5	5.58	5	20	54	24	4.22	20	1.66	2369	<1	<0.01	34	1620	106	485	<20	324	0.01	<10	21	<10	5	595
19	8227	90	<0.2	0.19	355	185	<5	2.06	<1	6	129	4	1.48	20	0.41	780	3	<0.01	13	460	8	5	<20	48	<0.01	<10	2	<10	3	50
27	8235	550	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36	9857	15	<0.2	0.26	100	640	<5	4.92	<1	18	88	11	3.32	20	1.36	1040	1	<0.01	42	880	14	20	<20	306	<0.01	<10	14	<10	5	102
45	9866	<5	<0.2	0.15	70	30	<5	0.71	<1	2	140	4	0.66	20	0.14	433	6	<0.01	7	30	14	10	<20	36	<0.01	<10	<1	<10	1	35
54	9892	685	2.7	0.29	3480	40	<5	5.30	<1	25	76	49	4.36	<10	1.33	2571	4	<0.01	70	1070	610	75	<20	156	0.01	<10	14	<10	5	443
71	9996	-	<0.2	0.17	170	245	<5	2.83	<1	8	99	2	2.18	20	0.60	627	3	<0.01	15	710	10	<5	<20	150	<0.01	<10	7	<10	6	48
Standard:																														
GEO '03		140	1.4	1.57	55	150	<5	1.79	<1	20	61	83	3.90	<10	0.77	662	<1	<0.01	32	730	22	<5	<20	41	0.11	<10	70	<10	9	71
GEO '03		135	1.5	1.63	60	140	<5	1.83	<1	20	60	83	4.23	<10	0.82	712	<1	<0.01	30	790	22	<5	<20	48	0.12	<10	75	<10	9	72
GEO '03		135	1.5	1.61	55	150	<5	1.80	<1	21	61	85	3.89	<10	0.74	659	<1	<0.01	31	760	20	<5	<20	49	0.10	<10	67	<10	8	72

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/kk
df/563g
XLS/03
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Eco Tech Laboratory Ltd.

ASSAYING
GEOCHEMISTRY
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ENVIRONMENTAL TESTING

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CERTIFICATE OF ASSAY AK 2003-569

CME MANAGING CONSULTANTS LTD.
#2130 - 21331 Gordon Way
Richmond, BC
V6W 1J9

27-Nov-03

No. of samples received: 75
Sample type: Core
Project Name: Skukum
Project Number: CP56C

ET #.	Tag #	Au (g/t)	Au (oz/t)
14	7399	10.4	0.303
25	8233	5.10	0.149
26	8234	1.36	0.040
28	8236	3.03	0.088
29	8237	1.04	0.030
50	9871	1.44	0.042
51	9872	1.41	0.041
58	9896	2.93	0.085

QC DATA:

Standard:

PM163	1.63	0.048

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/kk
XLS/03
Fax: Richmond Office & email

2-Dec-03

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2003-595

CME MANAGING CONSULTANTS LTD.
#2130 - 21331 Gordon Way
Richmond, BC
V6W 1J9

No. of samples received: 119
Sample type: Core
Project Name: Skukum
Project Number: CP56C
Submitted By: TV

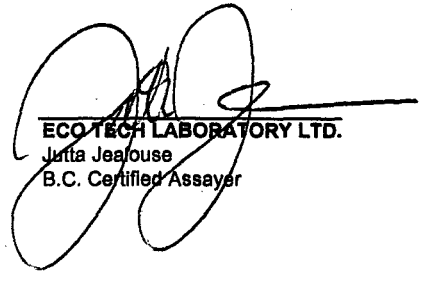
Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Tl %	U	V	W	Y	Zn
1	7367	25	<0.2	0.19	215	225	<5	2.48	<1	6	78	3	1.69	10	0.69	867	2	0.04	12	570	8	<5	<20	79	0.01	<10	5	<10	7	21
2	7368	265	0.8	0.25	300	95	<5	1.96	7	10	59	14	1.55	<10	0.58	744	11	0.04	12	470	18	20	<20	106	0.01	<10	5	<10	6	456
3	7369	125	0.2	0.21	450	125	<5	1.89	<1	7	65	6	1.57	10	0.60	813	3	0.05	12	510	14	20	<20	106	0.01	<10	5	<10	8	35
4	7370	210	<0.2	0.18	1375	115	<5	2.30	<1	7	55	3	1.72	<10	0.69	1260	<1	0.04	12	580	4	15	<20	79	0.02	<10	6	<10	7	28
5	7371	105	0.2	0.21	505	160	<5	2.37	<1	7	82	9	1.76	<10	0.76	836	3	0.04	12	580	4	10	<20	104	0.01	<10	5	<10	8	25
6	7372	<5	0.2	0.18	90	180	<5	2.24	<1	6	60	16	1.70	10	0.72	657	2	0.04	12	550	8	15	<20	105	0.01	<10	6	<10	7	23
7	7373	<5	<0.2	0.17	40	110	<5	0.41	2	2	79	2	0.71	<10	0.11	366	3	0.03	4	90	50	35	<20	64	<0.01	<10	<1	<10	6	152
8	7374	205	<0.2	0.16	485	210	<5	2.53	<1	8	54	4	1.86	10	0.81	1088	<1	0.04	12	630	8	5	<20	107	0.02	<10	9	<10	8	63
9	7383	25	0.2	0.14	115	60	<5	1.56	<1	4	91	8	1.14	10	0.46	578	5	0.02	9	310	28	20	<20	54	<0.01	<10	2	<10	3	49
10	7384	75	0.9	0.14	290	155	<5	1.45	<1	4	75	16	1.13	10	0.42	501	2	0.02	8	350	12	20	<20	54	<0.01	<10	2	<10	3	40
11	7385	45	1.1	0.17	225	85	<5	1.56	<1	5	105	16	1.34	10	0.46	589	4	0.02	8	360	8	25	<20	54	0.01	<10	2	<10	4	41
12	7386	105	4.9	0.16	340	65	<5	1.40	<1	4	80	48	1.29	10	0.42	504	2	0.02	8	410	10	40	<20	60	<0.01	<10	2	<10	4	54
13	7387	50	3.0	0.16	330	50	<5	1.47	<1	5	100	29	1.31	10	0.45	563	4	0.02	8	410	2	30	<20	60	0.01	<10	2	<10	3	38
14	8037	<5	<0.2	0.73	<5	50	<5	1.69	<1	7	58	6	1.71	<10	0.60	638	1	0.04	12	570	10	10	<20	67	0.02	<10	31	<10	8	45
15	8038	<5	<0.2	0.67	<5	85	<5	1.56	<1	7	75	7	1.77	10	0.53	632	2	0.05	11	580	10	10	<20	75	0.02	<10	34	<10	8	40
16	8039	5	<0.2	0.76	<5	495	<5	3.13	<1	7	70	6	1.79	<10	0.73	954	1	0.04	15	580	18	15	<20	98	0.02	<10	27	<10	10	55
17	8040	<5	<0.2	0.71	<5	90	<5	1.54	<1	7	75	7	1.77	<10	0.66	600	2	0.05	12	580	12	10	<20	61	0.02	<10	35	<10	6	46
18	8041	<5	<0.2	0.75	<5	80	<5	1.63	<1	7	65	7	1.93	10	0.64	709	<1	0.05	11	640	14	10	<20	69	0.02	<10	37	<10	8	61
19	8042	<5	<0.2	0.74	<5	160	<5	1.65	<1	7	76	9	1.98	10	0.54	761	2	0.05	10	640	10	15	<20	81	0.02	<10	38	<10	8	47
20	8043	<5	<0.2	0.55	<5	385	<5	1.03	<1	6	65	5	1.49	<10	0.17	707	1	0.04	8	550	14	10	<20	69	0.01	<10	15	<10	6	44
21	8044	10	<0.2	0.64	<5	270	<5	1.01	<1	7	65	11	1.79	10	0.26	871	2	0.04	9	680	14	10	<20	68	0.01	<10	25	<10	6	49
22	8045	5	<0.2	0.77	5	480	<5	0.22	<1	8	76	12	1.82	<10	0.12	673	2	0.02	8	630	24	10	<20	62	0.01	<10	11	<10	5	105
23	8046	10	1.7	0.37	30	65	<5	0.14	1	7	68	68	1.43	<10	0.06	350	9	0.02	5	360	32	40	<20	37	<0.01	<10	5	<10	5	66
24	8047	<5	0.4	0.63	<5	625	<5	0.57	<1	7	75	11	1.77	10	0.11	985	3	0.03	7	660	26	15	<20	73	0.02	<10	15	<10	5	80
25	8048	<5	0.2	0.57	<5	160	<5	1.08	<1	6	59	11	1.51	10	0.15	1084	1	0.03	8	640	22	15	<20	74	0.01	<10	15	<10	6	69
26	8049	<5	<0.2	0.68	<5	100	<5	1.31	<1	7	63	10	1.83	10	0.38	1015	2	0.04	10	630	20	20	<20	81	0.02	<10	27	<10	8	66
27	8050	<5	<0.2	0.72	<5	140	<5	1.06	<1	7	67	5	1.92	10	0.29	912	1	0.04	9	610	12	10	<20	88	0.02	<10	24	<10	6	67
28	8051	10	<0.2	0.54	<5	55	<5	1.32	<1	5	74	5	1.50	<10	0.27	839	2	0.04	9	500	14	20	<20	87	0.02	<10	23	<10	7	38
29	8052	30	2.1	0.56	<5	260	<5	0.68	3	7	57	16	1.56	10	0.15	959	1	0.03	8	610	266	20	<20	57	0.01	<10	15	<10	5	153
30	8053	<5	0.3	0.49	<5	345	<5	0.40	<1	6	74	5	1.62	10	0.09	758	2	0.03	6	630	16	10	<20	48	0.01	<10	18	<10	4	128
31	8054	<5	1.7	0.49	<5	445	<5	0.58	<1	6	70	4	1.62	10	0.12	1051	1	0.04	6	560	126	10	<20	56	0.02	<10	17	<10	5	160
32	8055	5	0.6	0.52	<5	595	<5	0.46	<1	6	86	4	1.61	10	0.10	826	3	0.04	7	610	28	15	<20	53	0.01	<10	16	<10	5	120
33	8056	5	1.2	0.60	<5	515	<5	0.62	<1	7	70	10	1.75	10	0.12	1275	3	0.03	7	650	60	15	<20	82	0.02	<10	15	<10	5	164
34	8057	5	0.7	0.58	<5	675	<5	0.41	<1	8	78	4	1.72	10	0.13	1014	3	0.03	8	680	36	15	<20	68	0.02	<10	17	<10	5	182
35	8058	5	0.3	0.57	<5	445	<5	0.84	<1	6	79	5	1.54	10	0.19	980	18	0.04	8	640	18	15	<20	77	0.02	<10	18	<10	6	103

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
36	8059	15	<0.2	0.71	<5	180	<5	1.16	<1	7	76	4	1.78	10	0.37	882	2	0.05	10	640	14	15	<20	81	0.02	<10	27	<10	7	48
37	8060	15	<0.2	0.72	<5	295	<5	0.81	<1	7	78	8	1.91	10	0.16	993	2	0.04	9	690	16	10	<20	75	0.02	<10	17	<10	6	75
38	8061	55	<0.2	0.68	<5	170	<5	1.50	<1	6	70	7	1.70	10	0.41	761	1	0.04	10	600	12	10	<20	90	0.02	<10	29	<10	7	46
39	8062	15	<0.2	0.75	<5	185	<5	1.55	<1	7	80	7	1.99	10	0.39	823	3	0.05	11	630	14	10	<20	105	0.02	<10	31	<10	8	48
40	8063	15	<0.2	0.72	<5	165	<5	1.41	<1	7	72	9	1.90	10	0.40	745	1	0.04	10	610	20	10	<20	96	0.02	<10	26	<10	7	51
41	8064	15	<0.2	0.62	<5	350	<5	1.28	<1	7	75	7	1.87	10	0.33	813	2	0.04	10	640	14	5	<20	85	0.01	<10	18	<10	6	58
42	8065	15	<0.2	0.42	<5	285	<5	0.97	<1	6	67	9	1.65	10	0.23	768	1	0.04	9	630	12	10	<20	64	0.01	<10	15	<10	5	49
43	8066	15	<0.2	0.49	<5	485	<5	1.23	<1	6	70	9	1.71	10	0.31	736	2	0.04	9	600	12	10	<20	85	0.01	<10	18	<10	6	42
44	8067	25	<0.2	0.25	<5	230	<5	0.68	<1	6	65	15	1.69	10	0.30	662	2	0.04	6	620	14	5	<20	67	0.01	<10	15	<10	5	53
45	8068	15	0.6	0.18	<5	405	<5	0.86	<1	7	58	31	1.84	10	0.35	943	3	0.03	7	560	32	<5	<20	77	0.02	<10	10	<10	5	84
46	8069	25	0.5	0.19	<5	45	<5	0.77	<1	6	72	20	1.66	<10	0.28	940	7	0.03	5	530	14	5	<20	68	0.02	<10	12	<10	5	107
47	8070	10	0.6	0.21	<5	35	<5	1.40	<1	6	70	6	1.66	10	0.23	1285	3	0.04	8	540	30	<5	<20	136	0.02	<10	6	<10	9	108
48	8071	15	0.2	0.19	<5	45	<5	0.46	<1	1	49	2	0.62	10	0.05	332	2	0.04	3	60	42	<5	<20	32	<0.01	<10	<1	<10	12	37
49	8072	10	0.2	0.22	<5	190	<5	1.74	4	6	67	7	1.65	10	0.40	772	2	0.04	10	630	20	<5	<20	120	0.02	<10	13	<10	8	270
50	8073	10	0.5	0.24	5	285	<5	0.56	<1	7	79	13	1.89	<10	0.32	677	9	0.04	7	600	66	<5	<20	41	0.01	<10	7	<10	5	112
51	8074	50	0.4	0.27	5	300	<5	1.29	<1	7	78	16	1.95	<10	0.55	734	7	0.04	10	620	40	<5	<20	87	0.01	<10	10	<10	7	81
52	8075	70	0.3	0.31	<5	360	<5	1.40	<1	7	51	9	1.99	<10	0.52	677	1	0.03	9	640	20	<5	<20	92	0.01	<10	13	<10	7	53
53	8076	10	0.2	0.26	<5	380	<5	0.62	<1	8	67	6	2.01	<10	0.29	577	3	0.03	6	650	12	<5	<20	60	0.01	<10	11	<10	5	38
54	8077	120	0.4	0.56	15	70	<5	0.61	<1	9	66	10	1.88	<10	0.21	461	3	0.04	9	660	22	<5	<20	35	0.01	<10	12	<10	6	33
55	8078	>1000	2.8	0.19	10	60	<5	0.09	<1	<1	47	3	0.89	20	0.04	269	24	0.03	2	30	20	<5	<20	22	<0.01	<10	<1	<10	11	52
56	9875	25	3.8	0.14	85	30	<5	0.48	<1	2	76	140	0.48	10	0.14	310	13	0.02	4	70	44	110	<20	31	<0.01	<10	<1	<10	2	42
57	9876	40	1.1	0.16	125	40	<5	0.34	<1	3	100	32	0.47	20	0.11	173	31	0.02	5	50	10	35	<20	35	<0.01	<10	<1	<10	2	23
58	9877	75	1.9	0.14	75	30	<5	0.42	<1	1	94	53	0.44	20	0.12	256	7	0.02	4	30	4	45	<20	31	<0.01	<10	<1	<10	2	35
59	9878	235	8.2	0.16	315	40	<5	0.58	<1	3	91	94	0.84	20	0.17	405	21	0.02	6	90	56	80	<20	36	<0.01	<10	<1	<10	2	68
60	9879	>1000	0.2	0.14	900	50	<5	0.46	<1	2	69	4	0.67	10	0.12	236	2	0.02	4	130	4	5	<20	19	<0.01	<10	1	<10	2	33
61	9880	>1000	0.8	0.14	2695	55	<5	0.04	<1	2	79	8	0.91	10	0.02	23	3	0.02	3	110	2	15	<20	13	<0.01	<10	<1	<10	1	135
62	9881	>1000	0.8	0.15	3195	40	<5	0.06	<1	2	85	9	0.97	10	0.03	31	5	0.02	3	110	2	15	<20	15	<0.01	<10	<1	<10	2	40
63	9882	>1000	0.2	0.16	540	65	<5	0.58	<1	2	92	3	0.73	10	0.16	283	4	0.02	5	120	4	10	<20	21	<0.01	<10	1	<10	2	31
64	9883	>1000	<0.2	0.15	660	45	<5	0.78	<1	2	80	4	0.74	10	0.24	350	5	0.02	7	120	4	10	<20	26	<0.01	<10	1	<10	2	37
65	9884	>1000	0.5	0.19	770	85	<5	0.89	<1	4	87	6	1.09	10	0.28	302	3	0.03	9	300	12	15	<20	53	<0.01	<10	2	<10	3	76
66	9885	25	<0.2	0.22	525	140	<5	2.76	<1	8	74	2	1.90	10	0.87	693	1	0.03	14	570	4	<5	<20	93	0.01	<10	7	<10	6	41
67	9886	20	<0.2	0.22	410	170	<5	2.86	<1	8	87	2	1.96	10	0.91	674	3	0.03	14	590	4	<5	<20	117	0.01	<10	8	<10	7	42
68	9887	50	<0.2	0.22	555	165	<5	2.67	<1	7	74	4	1.87	10	0.86	764	2	0.02	14	610	4	<5	<20	122	0.01	<10	10	<10	6	41
69	9888	175	<0.2	0.19	440	195	<5	2.18	<1	7	64	2	1.93	10	0.78	683	3	0.04	13	590	4	<5	<20	127	0.01	<10	14	<10	7	55
70	9889	20	<0.2	0.28	350	275	<5	4.47	<1	20	59	5	3.56	10	2.06	1001	<1	0.03	53	750	4	<5	<20	221	0.02	<10	21	<10	6	91
71	9890	65	0.4	0.21	945	85	<5	5.89	<1	16	61	5	3.15	<10	2.17	1314	<1	0.03	43	720	10	<5	<20	212	0.03	<10	17	<10	6	77
72	9891	10	<0.2	0.18	55	290	<5	1.71	<1	7	60	2	1.77	10	0.66	452	2	0.05	11	610	4	<5	<20	125	0.01	<10	17	<10	8	31
73	9902	35	<0.2	0.20	155	155	<5	2.54	<1	7	61	3	1.74	<10	0.82	839	2	0.05	12	560	6	25	<20	102	0.01	<10	7	<10	7	22
74	9903	15	0.8	0.60	75	270	<5	4.90	6	22	82	147	3.97	<10	2.74	1320	<1	0.06	70	1000	32	135	<20	206	0.03	<10	33	<10	8	372
75	9904	10	0.4	0.17	10	160	<5	2.83	<1	7	62	22	1.74	10	0.94	897	2	0.04	13	530	10	20	<20	98	0.01	<10	5	<10	5	39
76	9905	5	<0.2	0.18	20	265	<5	2.34	<1	7	72	4	1.58	10	0.72	736	8	0.04	12	540	4	5	<20	105	0.01	<10	5	<10	5	29
77	9906	10	0.3	0.17	20	150	<5	2.57	<1	7	66	12	1.66	10	0.71	768	10	0.04	13	530	6	15	<20	85	0.01	<10	5	<10	5	30
78	9907	5	0.3	0.18	395	95	<5	2.47	<1	7	70	4	1.82	<10	0.71	677	6	0.04	12	580	6	15	<20	82	0.01	<10	6	<10	6	23
79	9908	10	<0.2	0.19	205	170	<5	2.63	<1	7	72	4	1.73	10	0.76	674	3	0.04	12	560	4	10	<20	83	0.01	<10	6	<10	6	21
80	9909	10	<0.2	0.18	315	80	<5	2.51	<1	7	75	5	1.88	<10	0.70	683	9	0.03	13	570	4	20	<20	99	0.01	<10	6	<10	6	24

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Tl %	U	V	W	Y	Zn
81	9910	15	<0.2	0.19	200	85	<5	2.74	<1	7	77	5	1.93	<10	0.79	797	2	0.03	14	590	4	15	<20	82	0.01	<10	6	<10	6	34
82	9911	30	<0.2	0.17	135	85	<5	2.84	<1	7	66	7	1.93	<10	0.82	914	2	0.02	14	580	4	10	<20	104	0.02	<10	5	<10	6	29
83	10086	10	<0.2	0.23	<5	240	<5	2.45	<1	7	69	6	1.74	10	0.72	752	3	0.07	13	610	8	<5	<20	165	0.02	<10	15	<10	11	28
84	10087	30	0.4	0.20	10	80	<5	2.46	<1	7	57	17	1.34	10	0.47	545	3	0.06	16	260	38	10	<20	287	0.01	<10	6	<10	9	44
85	10088	10	0.3	0.57	5	45	<5	4.74	<1	17	54	68	3.54	<10	1.67	898	2	0.06	36	1100	26	30	<20	153	0.02	<10	33	<10	10	112
86	10089	10	0.3	0.89	<5	15	<5	4.05	<1	18	63	45	3.56	<10	1.73	882	<1	0.05	40	1030	28	5	<20	142	<0.01	<10	39	<10	9	132
87	10090	10	<0.2	0.31	<5	280	<5	2.48	<1	7	57	4	1.61	10	0.70	547	1	0.06	14	580	12	<5	<20	121	<0.01	<10	15	<10	11	28
88	10091	10	0.4	0.21	15	115	<5	4.26	<1	10	72	57	1.94	<10	0.94	730	36	0.04	18	630	42	35	<20	104	0.01	<10	7	<10	9	37
89	10092	15	<0.2	0.18	30	500	<5	1.39	<1	3	105	4	0.91	<10	0.41	262	15	0.06	8	140	6	10	<20	76	<0.01	<10	3	<10	5	13
90	10093	20	<0.2	0.21	160	150	<5	3.00	<1	7	74	3	1.81	<10	0.97	1739	4	0.05	16	640	6	<5	<20	165	0.02	<10	8	<10	9	28
91	10094	380	0.2	0.24	2290	25	5	4.60	<1	18	62	16	3.35	<10	1.69	3488	4	0.05	56	850	28	20	<20	153	0.04	<10	15	<10	10	291
92	10095	10	0.3	0.18	10	125	<5	2.29	<1	7	79	48	1.95	<10	0.79	952	5	0.05	13	560	8	35	<20	90	0.02	<10	10	<10	7	42
93	10096	10	<0.2	0.22	10	170	<5	2.19	<1	8	84	3	2.01	10	0.93	882	4	0.06	19	640	6	5	<20	150	0.02	<10	11	<10	8	35
94	10097	10	<0.2	0.18	10	460	<5	2.24	<1	7	68	4	1.70	10	0.66	595	2	0.04	13	620	8	25	<20	140	0.01	<10	8	<10	8	29
95	10098	>1000	1.0	0.21	2000	40	<5	1.40	<1	12	79	13	2.22	<10	0.44	979	4	0.03	21	840	50	25	<20	80	0.02	<10	4	<10	6	198
96	10101	15	0.2	0.20	345	110	<5	2.77	<1	8	66	3	1.82	<10	0.81	752	2	0.03	14	710	26	5	<20	100	0.01	<10	4	<10	6	59
97	10102	5	<0.2	0.19	10	155	<5	2.68	<1	7	70	6	1.94	10	0.82	690	3	0.04	13	620	10	<5	<20	123	<0.01	<10	8	<10	7	28
98	10103	15	<0.2	0.15	20	60	<5	0.25	<1	2	66	8	0.79	<10	0.10	466	4	0.03	5	70	38	25	<20	38	<0.01	<10	<1	<10	4	69
99	10104	60	0.2	0.18	645	60	<5	0.27	<1	<1	68	2	0.67	<10	0.06	200	4	0.03	3	50	80	40	<20	51	<0.01	<10	<1	<10	4	130
100	10105	25	0.2	0.18	695	100	<5	2.37	<1	7	56	9	1.60	10	0.69	1003	2	0.04	14	590	18	30	<20	135	0.01	<10	6	<10	7	85
101	10106	5	0.5	1.74	<5	575	10	5.01	1	28	117	58	4.24	10	3.20	1477	<1	0.06	102	1040	32	40	<20	314	0.03	<10	60	<10	10	213
102	10107	5	0.4	2.74	<5	390	5	5.18	<1	30	148	47	4.52	10	3.95	1583	<1	0.06	122	1040	36	15	<20	203	0.04	<10	75	<10	10	232
103	10108	5	0.2	2.27	10	605	<5	4.11	<1	30	139	38	4.76	20	3.64	1490	<1	0.08	113	1100	28	40	<20	260	0.04	<10	76	<10	11	202
104	10109	5	0.2	0.23	<5	620	<5	3.02	<1	13	58	21	2.54	20	1.15	896	2	0.06	27	650	6	<5	<20	189	0.02	<10	21	<10	9	38
105	10110	10	<0.2	0.26	<5	760	<5	2.66	<1	14	61	15	2.86	10	1.12	777	1	0.06	30	710	6	<5	<20	263	0.02	<10	25	<10	8	46
106	10111	5	0.2	0.18	<5	845	<5	3.03	<1	10	52	17	2.10	10	1.19	677	1	0.06	22	630	4	5	<20	292	0.01	<10	17	<10	9	29
107	10112	5	0.3	0.20	<5	890	<5	3.39	<1	11	64	17	2.19	10	1.31	760	2	0.06	26	600	6	15	<20	308	0.02	<10	17	<10	9	35
108	10113	20	0.3	0.19	5	130	<5	2.72	<1	7	68	3	1.69	10	0.83	657	4	0.04	15	610	6	<5	<20	119	0.01	<10	9	<10	7	36
109	10114	95	0.5	0.22	50	190	<5	5.84	<1	16	53	4	3.28	<10	2.00	1398	<1	0.04	37	670	8	<5	<20	228	0.02	<10	17	<10	6	107
110	10115	475	>30	0.17	105	155	<5	2.67	9	8	75	109	1.82	<10	0.82	1413	3	0.04	15	560	798	105	<20	121	0.02	<10	9	<10	7	593
111	10116	2	0.2	0.19	<5	350	<5	2.31	<1	8	58	3	1.76	10	0.74	678	6	0.05	13	630	10	<5	<20	123	0.01	<10	13	<10	7	30
112	10143	185	0.3	0.19	285	245	<5	2.55	<1	8	64	7	1.98	<10	1.00	666	4	0.05	14	610	12	10	<20	108	0.01	<10	10	<10	7	51
113	10144	10	0.2	0.32	35	145	<5	4.01	<1	26	63	33	4.05	10	2.10	1136	1	0.07	59	1060	10	25	<20	191	0.03	<10	36	<10	9	115
114	10145	15	<0.2	0.18	70	515	<5	2.06	<1	8	64	10	1.95	10	0.84	548	4	0.05	13	630	4	5	<20	112	0.01	<10	13	<10	7	28
115	10146	10	<0.2	0.17	<5	635	<5	1.88	<1	8	51	6	1.97	10	0.82	534	4	0.05	12	640	4	<5	<20	95	0.01	<10	17	<10	8	30
116	10147	185	<0.2	0.17	765	90	<5	2.26	<1	8	61	5	2.11	10	0.81	825	3	0.04	13	630	8	10	<20	123	0.02	<10	13	<10	8	29
117	10148	10	<0.2	0.16	<5	480	<5	1.86	<1	8	51	5	1.88	10	0.76	528	3	0.05	11	670	6	<5	<20	102	0.01	<10	16	<10	9	27
118	10149	>1000	>30	0.55	>10000	15	<5	0.46	429	58	2367	1843	7.50	<10	0.27	919	26	0.02	2042	180	>10000	990	<20	16	0.05	<10	23	260	3	>10000
119	10150	5	0.3	1.16	15	60	<5	0.68	<1	11	115	19	1.90	<10	0.70	276	11	0.09	25	480	20	<5	<20	25	0.45	<10	29	<10	7	44
QC DATA:																														
Resplit:																														
1	7367	25	<0.2	0.20	190	235	<5	2.44	<1	6	83	3	1.66	10	0.69	838	3	0.04	11	580	6	<5	<20	80	0.01	<10	5	<10	7	20
36	8059	10	<0.2	0.71	<5	185	<5	1.13	<1	7	74	3	1.75	10	0.38	843	2	0.05	10	610	12	15	<20	79	0.02	<10	26	<10	6	47
71	9890	60	0.4	0.21	910	85	<5	6.15	<1	16	62	5	3.28	<10	2.26	1370	<1	0.04	44	750	10	<5	<20	221	0.02	<10	18	<10	6	78
106	10111	10	<0.2	0.21	<5	810	<5	2.94	<1	10	68	19	2.08	10	1.17	659	2	0.06	23	600	6	10	<20	284	0.01	<10	17	<10	8	30

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Tl %	U	V	W	Y	Zn
Repeat:																														
1	7367	25	<0.2	0.18	230	220	<5	2.48	<1	6	78	3	1.70	10	0.70	867	3	0.04	12	560	8	<5	<20	79	0.01	<10	5	<10	7	21
2	7368	290	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	7384	70	0.9	0.14	285	150	<5	1.47	<1	4	76	16	1.14	10	0.43	511	2	0.02	8	360	12	25	<20	56	<0.01	<10	2	<10	3	41
19	8042	<5	<0.2	0.70	<5	155	<5	1.58	<1	7	72	8	1.89	10	0.52	731	2	0.05	10	610	10	10	<20	77	0.02	<10	36	<10	8	45
36	8059	15	<0.2	0.72	<5	185	<5	1.17	<1	7	77	4	1.78	10	0.38	886	2	0.05	10	610	14	10	<20	82	0.02	<10	27	<10	7	48
45	8068	15	0.6	0.19	<5	400	<5	0.85	<1	7	59	30	1.83	10	0.35	936	3	0.03	6	570	32	5	<20	75	0.02	<10	10	<10	5	84
54	8077	40	0.4	0.63	25	75	<5	0.64	<1	9	70	11	1.97	10	0.23	483	3	0.04	9	690	24	<5	<20	37	0.01	<10	13	<10	6	36
57	9876	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
71	9890	65	0.4	0.23	990	85	<5	6.02	<1	16	63	5	3.25	<10	2.24	1350	<1	0.04	43	720	8	<5	<20	221	0.02	<10	18	<10	6	78
80	9909	10	<0.2	0.19	330	90	<5	2.61	<1	8	79	5	1.94	<10	0.71	700	18	0.03	13	630	4	15	<20	102	0.01	<10	6	<10	6	25
89	10092	15	<0.2	0.18	35	555	<5	1.39	<1	4	109	4	0.92	<10	0.41	263	11	0.06	8	150	6	10	<20	75	<0.01	<10	3	<10	5	14
91	10094	440	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
106	10111	10	0.2	0.19	<5	835	<5	3.00	<1	10	53	16	2.08	10	1.19	671	1	0.06	24	630	4	5	<20	290	0.01	<10	17	<10	8	29
110	10115	450	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
115	10146	-	<0.2	0.17	<5	645	<5	1.88	<1	8	51	6	1.97	10	0.82	533	4	0.05	12	640	4	<5	<20	96	0.01	<10	17	<10	8	31
Standard:																														
GEO '03		140	1.5	1.52	55	135	<5	1.54	<1	19	53	85	3.27	<10	0.92	593	<1	0.03	27	640	20	<5	<20	45	0.13	<10	62	<10	8	74
GEO '03		135	1.5	1.44	55	140	5	1.41	<1	17	54	84	3.07	<10	0.86	548	<1	0.03	25	590	20	<5	<20	42	0.10	<10	65	<10	8	76
GEO '03		135	1.5	1.57	60	135	<5	1.58	<1	21	56	80	3.41	<10	0.95	606	1	0.03	28	680	22	<5	<20	46	0.09	<10	69	<10	9	73
GEO '03		135	1.7	1.61	65	145	<5	1.62	<1	22	57	82	3.49	<10	0.97	620	1	0.03	29	690	20	<5	<20	48	0.09	<10	68	<10	9	70



ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

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Eco Tech Laboratory Ltd.

ASSAYING
GEOCHEMISTRY
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ENVIRONMENTAL TESTING

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CERTIFICATE OF ASSAY AK 2003-595

CME MANAGING CONSULTANTS LTD.
#2130 - 21331 Gordon Way
Richmond, BC
V6W 1J9

3-Dec-03

No. of samples received: 119
Sample type: Core
Project #: Skukum
Samples Submitted by: TV

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)
55	8078	1.74	0.051		
60	9879	2.49	0.073		
61	9880	8.20	0.239		
62	9881	5.10	0.149		
63	9882	1.19	0.035		
64	9883	1.80	0.052		
65	9884	2.16	0.063		
95	10098	1.67	0.049		
110	10115			166	4.84
118	10149	10.5	0.306	1570	45.79
QC DATA:					
Repeats:					
55	8078	1.61	0.047		
60	9879	2.73	0.080		
61	9880	7.96	0.232		
62	9881	4.69	0.137		
65	9884	2.24	0.065		
Standard:					
PM163		1.67	0.049		
PB106				58.6	1.71

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

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XLS/03
Fax: Richmond Office & email

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2003-601

CME MANAGING CONSULTANTS LTD.
#2130 - 21331 Gordon Way
Richmond, BC
V6W 1J9

No. of samples received: 62
Sample type: Core
Project Name: Skukum
Project Number: P56D
Submitted By: TV

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	7375	75	<0.2	0.21	145	460	<5	2.22	<1	8	75	3	1.74	10	0.69	755	2	0.05	12	610	8	5	<20	80	<0.01	<10	9	<10	8	27
2	7376	5	<0.2	0.19	<5	755	<5	2.06	<1	8	68	2	1.69	20	0.67	564	1	0.05	10	620	6	<5	<20	86	<0.01	<10	8	<10	7	28
3	7377	240	<0.2	0.19	360	205	<5	2.04	<1	8	62	3	1.71	10	0.64	749	2	0.05	12	610	20	15	<20	80	<0.01	<10	7	<10	7	26
4	7378	30	<0.2	0.21	50	225	<5	2.12	<1	7	77	6	1.66	10	0.60	680	4	0.05	11	610	22	35	<20	80	<0.01	<10	6	<10	7	24
5	7379	<5	<0.2	0.20	<5	125	<5	2.05	<1	9	69	7	1.68	10	0.57	621	11	0.05	10	560	32	20	<20	87	<0.01	<10	4	<10	6	25
6	7380	10	<0.2	0.21	10	420	<5	2.64	<1	7	84	8	1.91	10	0.76	799	5	0.05	12	660	24	10	<20	100	<0.01	<10	5	<10	7	34
7	7381	5	<0.2	0.25	470	180	<5	2.72	<1	7	84	3	1.68	10	0.48	861	2	0.03	12	610	32	20	<20	130	<0.01	<10	4	<10	7	63
8	7382	10	0.2	0.20	330	160	<5	1.76	<1	5	114	4	1.34	10	0.45	633	4	0.03	10	390	30	25	<20	74	<0.01	<10	3	<10	5	66
9	10117	30	<0.2	0.31	145	230	<5	2.15	<1	9	86	7	1.87	10	0.71	789	2	0.08	13	620	16	<5	<20	190	<0.01	<10	11	<10	11	33
10	10118	300	<0.2	0.21	490	330	<5	2.97	<1	8	81	7	1.79	<10	0.91	1214	3	0.05	15	580	10	<5	<20	72	<0.01	<10	11	<10	8	50
11	10119	<5	<0.2	2.00	10	85	5	3.08	<1	28	93	21	4.44	10	2.78	1141	1	0.06	72	1050	28	10	<20	104	<0.01	<10	66	<10	8	116
12	10120	5	0.3	0.24	5	80	<5	1.10	2	3	81	5	1.09	<10	0.24	447	3	0.05	10	170	68	10	<20	99	<0.01	<10	3	<10	6	124
13	10121	<5	0.2	0.23	25	205	<5	3.62	<1	14	61	19	2.54	10	1.27	1030	1	0.04	31	760	18	10	<20	233	<0.01	<10	15	<10	8	50
14	10122	<5	<0.2	0.22	10	555	<5	3.91	<1	12	76	17	2.25	10	1.35	974	1	0.05	27	630	12	10	<20	260	<0.01	<10	13	<10	7	38
15	10123	10	<0.2	0.30	10	695	<5	3.12	<1	12	99	10	2.27	20	1.04	794	3	0.06	21	770	10	5	<20	242	<0.01	<10	12	<10	8	41
16	10124	<5	<0.2	0.27	<5	895	<5	1.92	<1	7	86	3	1.50	20	0.54	483	2	0.06	10	540	6	<5	<20	155	<0.01	<10	11	<10	7	24
17	10125	<5	<0.2	0.23	<5	890	<5	2.06	<1	7	85	2	1.46	20	0.64	516	3	0.05	11	570	6	<5	<20	124	<0.01	<10	10	<10	7	24
18	10126	5	<0.2	0.24	<5	885	<5	2.27	<1	8	85	3	1.73	10	0.69	636	2	0.06	12	600	4	<5	<20	138	<0.01	<10	10	<10	7	29
19	10127	20	<0.2	0.27	20	750	<5	3.17	<1	9	74	7	1.65	20	0.84	860	3	0.06	18	630	10	10	<20	164	<0.01	<10	6	<10	7	40
20	10128	<5	<0.2	0.34	<5	285	<5	2.48	<1	3	33	3	1.64	30	0.31	671	2	0.08	7	380	28	<5	<20	494	<0.01	<10	2	<10	12	43
21	10129	45	<0.2	0.28	<5	195	<5	2.40	<1	5	53	4	1.57	20	0.32	753	3	0.07	11	410	16	5	<20	362	<0.01	<10	2	<10	11	41
22	10130	135	0.2	0.32	20	300	<5	1.68	<1	6	49	6	1.29	20	0.22	527	4	0.07	9	460	26	15	<20	258	<0.01	<10	2	<10	10	41
23	10131	610	1.1	0.23	365	160	<5	1.84	<1	6	98	6	1.52	10	0.51	836	4	0.04	12	450	12	25	<20	114	<0.01	<10	4	<10	5	44
24	10132	140	0.2	0.25	205	105	<5	1.45	<1	5	87	3	1.23	10	0.32	646	2	0.04	8	410	8	45	<20	114	<0.01	<10	3	<10	4	32
25	10133	10	<0.2	0.26	50	150	<5	2.18	<1	6	117	6	1.45	10	0.46	871	4	0.04	11	480	12	20	<20	155	<0.01	<10	3	<10	5	33
26	10134	<5	<0.2	0.27	<5	135	<5	1.95	<1	3	74	3	1.97	30	0.33	848	9	0.09	7	320	22	25	<20	258	<0.01	<10	2	<10	10	49
27	10135	>1000	0.3	0.27	1460	115	<5	2.66	<1	8	118	4	2.10	10	0.83	714	14	0.03	14	580	6	10	<20	88	<0.01	<10	6	<10	5	70
28	10136	15	<0.2	0.24	1130	115	<5	2.61	<1	8	97	2	2.00	10	0.80	716	8	0.03	14	640	4	15	<20	94	<0.01	<10	5	<10	5	58
29	10137	135	0.2	0.23	970	105	<5	2.58	<1	8	89	3	1.91	10	0.78	846	6	0.03	13	640	8	20	<20	85	<0.01	<10	6	<10	5	88
30	10138	40	0.2	0.24	1490	90	<5	2.58	<1	8	105	2	2.15	10	0.80	831	3	0.03	14	650	6	10	<20	93	<0.01	<10	6	<10	5	76
31	10139	20	<0.2	0.26	590	140	<5	2.97	<1	8	95	2	2.08	10	0.93	730	2	0.03	15	670	6	10	<20	104	<0.01	<10	7	<10	5	70
32	10140	<5	<0.2	0.29	2570	70	<5	4.08	<1	17	88	4	3.28	<10	1.35	776	2	0.03	36	900	8	30	<20	141	<0.01	<10	11	<10	5	65
33	10141	5	<0.2	0.23	725	125	<5	2.62	<1	8	86	2	1.93	10	0.80	579	2	0.03	14	610	4	10	<20	98	<0.01	<10	5	<10	5	55
34	10142	30	<0.2	0.23	1040	105	<5	2.65	<1	8	90	2	2.04	10	0.81	803	3	0.03	14	690	4	15	<20	100	<0.01	<10	5	<10	5	67
35	10151	<5	<0.2	0.27	380	125	<5	2.17	<1	7	93	4	1.76	10	0.69	553	2	0.04	12	600	6	<5	<20	155	<0.01	<10	6	<10	7	35

CM[redacted]NAGI[redacted]ONSU[redacted]NTS [redacted] [redacted] [redacted] [redacted]CP CE[redacted]CATE[redacted]NALY[redacted]K 20[redacted] [redacted] [redacted] [redacted] [redacted] [redacted]TECH[redacted]ORAT[redacted]TD. [redacted]

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
36	10152	<5	<0.2	0.35	5	1005	<5	5.02	<1	25	68	4	3.60	<10	2.62	870	<1	0.05	62	790	8	<5	<20	293	<0.01	<10	26	<10	6	98
37	10153	<5	<0.2	0.41	30	645	<5	5.67	<1	23	65	5	3.52	<10	2.86	944	<1	0.03	60	780	8	<5	<20	246	<0.01	<10	27	<10	6	101
38	10154	10	<0.2	0.31	275	235	<5	5.24	<1	19	58	2	3.01	<10	2.47	816	<1	0.03	51	540	6	<5	<20	198	<0.01	<10	24	<10	4	86
39	10155	<5	<0.2	0.29	125	165	5	5.32	<1	20	50	2	3.53	10	2.68	1084	<1	0.03	65	710	6	<5	<20	202	<0.01	<10	22	<10	5	100
40	10156	150	1.0	0.26	235	85	<5	2.77	<1	13	68	44	2.13	20	1.30	763	2	0.03	30	400	6	25	<20	129	<0.01	<10	10	<10	5	74
41	10157	20	0.2	0.27	25	140	<5	1.09	<1	3	76	4	1.68	20	0.31	482	4	0.06	6	320	18	<5	<20	192	<0.01	<10	2	<10	9	54
42	10158	5	0.2	0.22	5	100	<5	1.30	<1	3	73	3	1.48	20	0.38	501	5	0.07	6	280	18	<5	<20	249	<0.01	<10	3	<10	8	46
43	10159	<5	<0.2	0.24	<5	110	<5	0.49	<1	3	75	3	1.63	20	0.26	476	3	0.08	4	310	16	<5	<20	109	<0.01	<10	3	<10	8	49
44	10160	>1000	0.5	0.25	2370	115	<5	2.25	<1	8	75	5	1.98	20	0.78	612	1	0.04	13	630	6	5	<20	123	<0.01	<10	8	<10	7	51
45	10161	5	<0.2	0.35	235	250	<5	3.21	<1	12	68	97	2.49	10	1.31	753	2	0.05	26	740	4	<5	<20	166	<0.01	<10	18	<10	7	52
46	10162	<5	<0.2	0.27	60	425	<5	2.50	<1	8	82	3	1.88	20	0.85	603	1	0.05	13	680	4	<5	<20	108	<0.01	<10	10	<10	7	34
47	10163	25	<0.2	0.28	170	240	<5	2.36	<1	7	84	3	1.74	20	0.77	591	<1	0.05	12	630	6	<5	<20	106	<0.01	<10	7	<10	7	30
48	10164	5	<0.2	0.30	90	365	<5	2.22	<1	7	99	3	1.71	20	0.71	560	3	0.05	11	630	4	<5	<20	107	<0.01	<10	8	<10	6	29
49	10165	25	<0.2	0.30	115	230	<5	2.48	<1	7	91	3	1.91	20	0.77	644	<1	0.05	13	700	4	5	<20	130	<0.01	<10	9	<10	7	30
50	10166	5	<0.2	0.29	20	570	<5	2.27	<1	7	95	3	1.75	20	0.73	545	3	0.05	12	610	4	<5	<20	117	<0.01	<10	10	<10	7	27
51	10167	<5	<0.2	0.31	35	535	<5	2.50	<1	8	109	4	1.75	20	0.79	592	<1	0.05	13	650	4	<5	<20	122	<0.01	<10	9	<10	7	31
52	10168	<5	<0.2	0.29	95	340	<5	2.63	<1	8	95	3	1.90	10	0.80	572	5	0.04	13	670	4	<5	<20	127	<0.01	<10	8	<10	6	32
53	10169	65	0.3	0.29	110	285	<5	2.38	<1	9	88	47	2.01	20	0.78	513	4	0.05	14	670	8	25	<20	144	<0.01	<10	12	<10	8	34
54	10170	<5	<0.2	0.28	25	705	<5	2.47	<1	9	97	30	2.06	10	0.94	531	6	0.06	16	630	6	10	<20	190	<0.01	<10	17	<10	8	30
55	10171	<5	<0.2	0.85	<5	885	<5	4.64	<1	27	77	37	4.21	10	2.94	1007	<1	0.08	89	1350	10	5	<20	418	<0.01	<10	48	<10	9	63
56	10172	<5	0.2	0.29	110	355	<5	2.43	<1	8	103	35	1.91	10	0.86	526	6	0.05	16	640	6	20	<20	155	<0.01	<10	11	<10	6	32
57	10173	<5	<0.2	0.36	15	600	<5	1.92	<1	9	105	49	2.06	20	0.76	487	5	0.06	13	660	8	15	<20	153	<0.01	<10	23	<10	9	34
58	10174	<5	0.4	0.27	45	400	<5	2.38	<1	7	84	42	1.67	20	0.70	481	10	0.04	12	590	6	20	<20	117	<0.01	<10	7	<10	7	34
59	10175	<5	<0.2	0.25	50	560	<5	1.71	<1	8	77	27	1.75	10	0.57	388	7	0.05	10	620	6	10	<20	153	<0.01	<10	10	<10	7	28
60	10176	<5	<0.2	0.24	40	605	<5	2.38	<1	7	79	17	1.74	20	0.73	487	2	0.05	11	580	6	5	<20	134	<0.01	<10	10	<10	6	26
61	10199	>1000	>30	0.55	>10000	40	<5	0.48	555	54	2182	1834	6.69	10	0.27	881	26	0.02	1892	230	>10000	885	<20	19	0.01	10	23	<10	4	>10000
62	10200	<5	<0.2	1.38	5	75	<5	0.90	<1	12	146	20	2.03	<10	0.75	314	9	0.12	28	490	28	<5	<20	38	0.14	<10	34	<10	8	40
QC DATA:																														
Resplit:																														
36	10152	<5	<0.2	0.37	<5	1040	5	5.37	<1	25	70	5	3.80	20	2.77	914	<1	0.05	66	870	12	<5	<20	306	<0.01	<10	28	<10	6	101
Repeat:																														
1	7375	100	<0.2	0.20	135	470	<5	2.12	<1	7	73	3	1.67	10	0.67	725	2	0.04	11	580	8	10	<20	78	<0.01	<10	8	<10	7	26
1	7375	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	10118	270	<0.2	0.23	485	360	<5	2.94	<1	8	82	7	1.78	<10	0.90	1202	3	0.05	15	590	10	5	<20	74	<0.01	<10	11	<10	9	49
10	10118	630	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	10127	20	<0.2	0.28	20	785	<5	3.15	<1	9	75	7	1.64	20	0.84	852	2	0.06	18	620	10	10	<20	164	<0.01	<10	6	<10	7	39
23	10131	630	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36	10152	<5	<0.2	0.35	15	980	<5	5.02	<1	25	68	4	3.60	<10	2.64	870	<1	0.05	63	800	8	<5	<20	296	<0.01	<10	26	<10	6	97
45	10161	10	<0.2	0.27	250	250	<5	3.16	<1	12	68	3	2.32	10	1.28	733	1	0.05	25	710	6	<5	<20	175	<0.01	<10	13	<10	7	51
54	10170	<5	<0.2	0.27	25	695	<5	2.45	<1	9	99	29	2.05	10	0.92	527	5	0.06	16	640	14	15	<20	186	<0.01	<10	17	<10	8	30
Standard:																														
GEO '03		135	1.5	1.62	60	155	<5	1.55	<1	20	58	84	3.46	<10	0.95	603	<1	0.02	30	670	20	<5	<20	41	0.10	<10	78	<10	10	71
GEO '03		135	1.6	1.75	50	145	5	1.74	<1	21	60	84	3.61	<10	1.04	627	<1	0.02	31	720	22	<5	<20	47	0.10	<10	71	<10	10	72

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/kk
df/610

Eco Tech Laboratory Ltd.

ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING

10041 Dallas Drive, Kamloops, BC V2C 6T4
Phone (250) 573-5700 Fax (250) 573-4557
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CERTIFICATE OF ASSAY AK 2003-601

CME MANAGING CONSULTANTS LTD.
#2130 - 21331 Gordon Way
Richmond, BC
V6W 1J9

5-Dec-03

No. of samples received: 62
Sample type: Core
Project Name: Skukum
Project Number: P56D
Submitted By: TV

ET #.	Tag #	Au (g/t)	Au (oz/t)
27	10135	1.71	0.050
44	10160	3.63	0.106
61	10199	10.4	0.303

QC DATA:

Standard:

PM184	0.53	0.015

JJ/kk
XLS/03
Fax: Richmond Office & email

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

10-Dec-03

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2003-614

CME MANAGING CONSULTANTS LTD.
#2130 - 21331 Gordon Way
Richmond, BC
V6W 1J9

No. of samples received: 59
Sample type: Core
Project Name: Skukum
Project Number: P56D
Submitted By:TV

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Tl %	U	V	W	Y	Zn
1	7352	80	<0.2	0.24	60	175	<5	2.36	<1	8	75	5	1.91	20	0.72	889	1	0.03	15	500	6	5	<20	112	0.03	<10	8	<10	7	26
2	7353	<5	<0.2	0.37	<5	370	<5	2.35	<1	9	80	5	1.94	20	0.86	773	4	0.07	19	520	8	10	<20	134	0.03	<10	23	<10	12	35
3	7354	815	1.1	0.46	675	110	<5	4.61	2	18	63	52	3.28	10	1.64	2278	3	0.04	42	830	60	55	<20	113	0.06	<10	25	<10	8	127
4	7355	60	0.4	0.24	160	195	<5	2.55	<1	8	85	10	1.85	20	0.77	934	2	0.05	15	510	14	10	<20	144	0.03	<10	11	<10	10	41
5	7356	5	0.3	0.26	30	225	<5	4.35	5	12	74	47	2.84	20	1.85	1049	4	0.05	40	570	58	35	<20	377	0.04	<10	15	<10	8	233
6	7357	<5	<0.2	0.21	25	50	<5	2.40	<1	6	88	3	1.59	20	0.73	1231	2	0.04	14	380	8	10	<20	120	0.03	<10	7	<10	9	40
7	7358	25	<0.2	0.20	105	40	<5	1.66	<1	5	87	3	1.38	30	0.49	1519	3	0.04	11	330	8	15	<20	74	0.03	<10	5	<10	8	31
8	7359	100	<0.2	0.22	1005	80	<5	0.70	1	<1	84	2	0.64	10	0.13	1478	5	0.02	5	40	28	90	<20	45	0.02	<10	<1	<10	5	60
9	7360	130	9.6	0.22	715	65	<5	0.56	4	2	65	20	0.81	10	0.02	593	4	0.02	4	40	108	55	<20	40	0.01	<10	<1	<10	4	175
10	7361	25	6.4	0.20	385	50	<5	0.57	11	2	73	23	0.62	10	0.07	809	3	0.07	4	30	204	35	<20	36	0.01	<10	<1	<10	4	345
11	7362	75	2.5	0.27	35	35	<5	2.10	5	6	79	19	1.55	20	0.58	992	4	0.12	13	400	128	25	<20	96	0.03	<10	3	<10	10	231
12	7363	55	5.8	0.23	505	55	<5	0.45	8	2	82	23	0.75	10	0.03	719	3	0.02	5	30	258	25	<20	25	0.02	<10	<1	<10	5	307
13	7364	80	5.0	0.40	15	30	<5	3.40	27	11	56	13	3.34	20	0.96	2086	2	0.02	17	1420	374	<5	<20	218	0.06	<10	7	<10	15	937
14	9002	15	<0.2	0.24	165	110	<5	2.13	<1	7	79	3	2.00	20	0.74	751	5	0.04	13	520	8	20	<20	110	0.03	<10	12	<10	8	33
15	9003	>1000	0.5	0.23	1085	50	<5	2.29	2	7	75	5	1.85	10	0.71	924	7	0.02	13	480	22	30	<20	117	0.03	<10	4	<10	6	66
16	9004	945	0.2	0.23	125	230	<5	2.40	<1	8	81	7	1.80	20	0.78	590	2	0.03	14	480	8	25	<20	146	0.02	<10	7	<10	7	21
17	9005	<5	0.3	0.23	740	70	<5	1.58	2	7	94	6	1.84	20	0.54	722	4	0.03	12	480	18	30	<20	97	0.03	<10	7	<10	7	75
18	9026	5	<0.2	0.25	<5	1255	<5	2.72	<1	8	78	3	1.99	30	0.83	727	3	0.05	12	600	6	<5	<20	102	0.03	<10	11	<10	10	27
19	9027	205	10.8	0.26	535	210	<5	2.39	2	7	82	49	1.90	20	0.69	1277	3	0.04	13	520	86	80	<20	90	0.03	<10	8	<10	8	95
20	9028	100	<0.2	0.22	550	40	<5	0.36	<1	<1	83	3	0.66	10	0.11	612	6	0.05	4	30	22	20	<20	46	0.01	<10	<1	<10	4	37
21	9029	<5	<0.2	0.22	60	85	<5	0.32	<1	1	85	4	0.67	10	0.10	510	2	0.03	4	50	26	15	<20	52	0.01	<10	<1	<10	4	37
22	9030	<5	<0.2	0.26	220	340	<5	3.15	<1	11	80	12	2.20	10	1.08	852	4	0.04	21	540	14	55	<20	171	0.03	<10	8	<10	7	39
23	9031	<5	0.8	0.27	80	205	<5	4.54	5	17	65	66	3.37	20	1.94	919	3	0.04	46	710	132	40	<20	185	0.04	<10	19	<10	8	274
24	9032	<5	<0.2	0.23	<5	55	<5	1.63	<1	7	74	7	1.66	20	0.73	523	2	0.05	16	290	14	10	<20	192	0.02	<10	11	<10	11	47
25	9033	30	<0.2	0.25	320	210	<5	2.53	<1	7	83	5	1.90	20	0.75	1193	2	0.04	14	500	14	20	<20	96	0.03	<10	9	<10	7	39
26	9034	15	0.2	0.32	425	115	<5	4.64	<1	15	61	36	3.13	10	1.65	2119	3	0.03	38	760	14	35	<20	156	0.06	<10	11	<10	8	63
27	9035	290	<0.2	0.35	1150	100	5	5.42	2	24	56	20	4.19	10	2.33	1643	1	0.04	74	850	4	20	<20	170	0.06	<10	20	<10	9	117
28	9036	5	0.5	0.32	1620	90	<5	5.35	2	20	47	17	3.65	10	2.11	1550	1	0.04	52	910	6	15	<20	170	0.05	<10	17	<10	8	84
29	9037	>1000	0.9	0.25	2285	60	<5	2.34	4	9	81	17	2.14	10	0.76	949	1	0.03	16	660	18	220	<20	119	0.03	<10	5	<10	6	81
30	9038	20	0.2	0.27	350	150	<5	2.97	<1	9	75	5	2.07	20	0.92	807	3	0.03	16	580	16	20	<20	150	0.03	<10	6	<10	8	39
31	9039	30	<0.2	0.17	150	50	<5	0.69	<1	<1	76	3	0.57	10	0.03	227	2	0.02	4	30	20	80	<20	66	<0.01	<10	<1	<10	5	30
32	9040	50	<0.2	0.18	435	55	<5	0.85	<1	<1	92	2	0.64	10	0.03	360	5	0.02	5	30	28	65	<20	80	<0.01	<10	<1	<10	5	31
33	9041	10	<0.2	0.24	170	260	<5	2.15	<1	8	71	23	2.10	20	0.73	656	1	0.05	14	560	4	20	<20	111	0.03	<10	19	<10	9	38
34	9042	550	0.9	0.23	3360	80	<5	1.65	6	7	82	13	2.22	20	0.55	596	5	0.03	14	530	12	30	<20	83	0.03	<10	13	<10	8	41
35	9043	185	<0.2	0.16	410	50	<5	1.05	1	3	86	4	1.01	30	0.30	376	2	0.02	7	170	6	15	<20	42	0.01	<10	2	<10	4	47

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
36	9049	>1000	>30	0.52	>10000	30	<5	0.44	555	54	2290	1870	6.73	20	0.24	884	28	0.01	1986	140	>10000	945	<20	17	0.10	<10	21	<10	3	>10000
37	9050	<5	<0.2	1.18	10	65	5	0.74	<1	10	109	20	1.92	<10	0.69	284	2	0.08	27	390	20	<5	<20	27	0.11	<10	44	<10	8	45
38	10177	5	0.3	0.37	10	585	<5	5.88	1	24	57	74	3.78	20	2.57	1167	1	0.04	67	900	22	40	<20	212	0.05	<10	32	<10	10	173
39	10178	<5	0.3	0.34	<5	160	<5	5.98	<1	21	46	31	3.72	10	2.42	955	<1	0.04	53	920	34	10	<20	211	0.05	<10	28	<10	8	154
40	10179	5	<0.2	0.24	<5	780	<5	2.70	<1	9	69	4	1.95	20	0.89	539	1	0.05	15	570	12	<5	<20	128	0.02	<10	10	<10	7	32
41	10180	<5	<0.2	0.25	<5	320	<5	3.77	<1	13	67	20	2.82	20	1.53	804	9	0.03	28	750	20	30	<20	82	0.04	<10	9	<10	7	57
42	10181	5	<0.2	0.27	<5	495	<5	3.99	<1	19	69	32	3.40	20	1.93	837	2	0.04	46	730	20	20	<20	113	0.04	<10	13	<10	7	63
43	10182	5	0.7	0.39	35	125	<5	4.77	<1	26	58	175	3.81	10	2.19	908	3	0.04	48	870	38	95	<20	123	0.05	<10	20	<10	7	85
44	10183	<5	<0.2	0.24	<5	840	<5	3.06	<1	8	75	8	2.00	20	1.06	648	3	0.04	16	530	12	<5	<20	132	0.03	<10	8	<10	8	44
45	10184	5	<0.2	0.24	25	100	<5	3.05	<1	8	59	3	1.82	30	0.84	1333	1	0.04	16	540	28	5	<20	145	0.03	<10	11	<10	11	91
46	10185	<5	<0.2	0.26	<5	105	<5	2.51	<1	7	63	2	1.75	30	0.68	1361	3	0.04	12	600	8	<5	<20	154	0.03	<10	8	<10	10	65
47	10186	<5	<0.2	0.17	<5	90	<5	0.13	<1	1	73	2	0.66	10	0.07	231	2	0.03	3	20	80	<5	<20	64	<0.01	<10	<1	<10	5	47
48	10187	5	<0.2	0.30	<5	135	<5	1.72	<1	6	75	2	1.38	30	0.47	764	4	0.03	11	510	18	5	<20	99	0.02	<10	6	<10	8	47
49	10188	<5	<0.2	0.18	<5	110	<5	0.36	1	<1	66	3	0.53	10	0.07	222	2	0.03	4	40	46	<5	<20	79	<0.01	<10	<1	<10	5	59
50	10189	<5	0.4	0.20	25	605	<5	2.46	<1	7	79	3	1.58	30	0.66	618	3	0.04	12	460	8	5	<20	73	0.02	<10	4	<10	6	25
51	10190	<5	<0.2	0.20	<5	295	<5	3.45	<1	14	75	29	2.14	20	1.13	906	4	0.03	33	470	56	55	<20	87	0.03	<10	6	<10	7	52
52	10191	5	<0.2	0.24	100	215	<5	1.70	<1	4	61	7	1.19	20	0.44	455	3	0.03	9	290	18	40	<20	66	0.02	<10	3	<10	5	17
53	10192	50	<0.2	0.18	100	95	<5	1.43	<1	4	73	4	1.10	20	0.36	374	<1	0.03	9	260	6	20	<20	77	0.01	<10	2	<10	5	15
54	10193	25	0.4	0.24	90	255	<5	3.83	<1	9	76	28	1.92	20	0.88	1219	9	0.03	20	500	22	30	<20	294	0.03	<10	4	<10	9	38
55	10194	5	<0.2	0.92	35	545	<5	5.70	<1	30	70	10	4.50	20	2.57	1801	<1	0.05	89	800	14	10	<20	478	0.07	<10	38	<10	11	113
56	10195	<5	0.2	0.25	130	130	<5	2.93	<1	8	66	2	1.94	20	0.93	1408	3	0.03	15	550	6	<5	<20	219	0.03	<10	6	<10	8	29
57	10196	110	0.2	0.26	175	155	<5	3.09	<1	9	70	4	2.13	20	0.93	1414	1	0.03	17	670	6	<5	<20	162	0.04	<10	6	<10	8	27
58	10197	55	<0.2	0.23	55	175	<5	2.81	<1	9	56	4	1.98	20	0.86	1194	<1	0.03	16	560	6	5	<20	149	0.03	<10	6	<10	8	37
59	10198	15	<0.2	0.24	25	120	<5	2.80	<1	9	71	3	2.20	20	0.89	1228	3	0.04	15	590	4	<5	<20	228	0.04	<10	6	<10	8	32
QC DATA:																														
Resplit:																														
1	7352	90	<0.2	0.25	55	205	<5	2.38	<1	8	77	5	1.96	20	0.71	896	1	0.04	15	540	8	<5	<20	111	0.03	<10	8	<10	7	27
Repeat:																														
1	7352	100	<0.2	0.24	60	185	<5	2.34	<1	8	77	6	1.90	20	0.71	884	1	0.04	14	490	6	5	<20	109	0.03	<10	8	<10	7	26
10	7361	25	7.0	0.23	420	55	<5	0.62	11	2	82	25	0.68	10	0.05	892	4	0.02	5	40	206	40	<20	39	0.02	<10	<1	<10	5	385
19	9027	225	10.6	0.28	550	225	<5	2.43	2	7	86	48	1.94	20	0.69	1297	3	0.04	14	540	88	80	<20	92	0.03	<10	8	<10	8	97
34	9042	490	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36	9049	>1000	>30	0.52	>10000	25	<5	0.43	574	53	2276	1829	6.64	20	0.24	870	28	0.01	1974	140	>10000	930	<20	12	0.09	<10	21	<10	3	>10000
45	10184	<5	<0.2	0.25	<5	95	<5	2.99	<1	7	56	2	1.78	30	0.83	1314	<1	0.04	14	540	4	<5	<20	141	0.03	<10	10	<10	11	78
54	10193	-	0.4	0.25	90	280	<5	3.89	<1	9	75	29	1.95	20	0.90	1236	11	0.03	20	520	22	30	<20	300	0.03	<10	4	<10	9	39
Standard:																														
GEO '03		145	1.5	1.59	55	140	<5	1.62	<1	20	58	84	3.48	<10	0.93	611	<1	0.03	30	690	20	<5	<20	48	0.09	<10	69	<10	10	73
GEO '03		145	1.6	1.61	50	140	<5	1.64	<1	20	59	86	3.50	<10	0.94	624	<1	0.03	30	690	20	<5	<20	49	0.09	<10	69	<10	10	73

JJ/kk
df/614
XLS/03
Fax: Richmond Office & email

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

Eco Tech Laboratory Ltd.

ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING

10041 Dallas Drive, Kamloops, BC V2C 6T4
Phone (250) 573-5700 Fax (250) 573-4557
E-mail: info@ecotechlab.com
www.ecotechlab.com

CERTIFICATE OF ASSAY AK 2003-614

CME MANAGING CONSULTANTS LTD.
#2130 - 21331 Gordon Way
Richmond, BC
V6W 1J9

12-Dec-03

No. of samples received: 59
Sample type: Core
Project Name: Skukum
Project Number: P56D
Submitted By:TV

ET #.	Tag #	Au (g/t)	Au (oz/t)
15	9003	1.06	0.031
16	9004	1.01	0.029
29	9037	1.01	0.029

JJ/kk
XLS/03
Fax: Richmond Office & email

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

15-Dec-03

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2003-626

CME MANAGING CONSULTANTS LTD.
#2130 - 21331 Gordon Way
Richmond, BC
V6W 1J9

No. of samples received: 95
Sample type: Core
Project Name: Skukum
Project Number: P56D
Submitted By:TV

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Tl %	U	V	W	Y	Zn
1	9001	10	<0.2	0.72	<5	405	5	4.29	<1	22	81	44	3.65	10	2.50	844	<1	0.05	58	810	18	<5	<20	249	0.05	<10	36	<10	9	70
2	9006	15	<0.2	0.58	1195	190	<5	5.60	<1	23	84	38	4.19	10	2.79	1241	2	0.05	93	990	6	30	<20	325	0.05	<10	32	<10	8	102
3	9007	10	<0.2	1.15	50	295	<5	4.91	<1	28	100	41	4.31	10	3.00	1093	1	0.05	90	1050	8	30	<20	333	0.05	<10	44	<10	9	87
4	9008	375	<0.2	0.25	210	220	<5	2.46	<1	8	66	6	1.95	10	0.90	586	3	0.05	15	590	6	25	<20	138	0.02	<10	9	<10	7	37
5	9009	45	<0.2	1.13	135	370	<5	4.73	<1	26	101	59	4.23	10	3.25	1120	<1	0.05	98	990	6	35	<20	300	0.05	<10	44	<10	7	96
6	9010	15	<0.2	1.24	15	375	<5	5.17	<1	23	96	42	4.12	10	3.10	1132	<1	0.06	90	1020	8	30	<20	253	0.05	<10	50	<10	9	81
7	9011	>1000	1.4	0.26	3075	55	<5	2.02	<1	11	97	15	2.20	<10	0.67	1021	14	0.03	17	640	22	85	<20	115	0.03	<10	7	<10	6	50
8	9012	25	<0.2	0.27	10	605	<5	2.18	<1	8	67	4	1.91	20	0.76	549	5	0.06	12	650	6	30	<20	143	0.02	<10	14	<10	9	26
9	9013	95	<0.2	0.25	790	85	<5	2.56	<1	8	93	4	2.11	10	0.76	1302	4	0.04	13	610	6	35	<20	124	0.03	<10	8	<10	7	38
10	9014	115	<0.2	0.26	700	185	<5	2.47	<1	8	95	3	2.12	10	0.76	1029	3	0.05	13	660	8	20	<20	100	0.03	<10	9	<10	8	39
11	9015	15	<0.2	0.22	25	125	<5	0.69	<1	1	88	2	0.71	<10	0.07	378	3	0.03	4	70	20	20	<20	84	0.01	<10	<1	<10	5	23
12	9016	30	<0.2	0.20	260	165	<5	0.62	<1	1	95	2	0.53	<10	0.03	274	4	0.04	3	30	38	20	<20	97	<0.01	<10	<1	<10	6	83
13	9017	>1000	0.8	0.27	2060	55	<5	1.69	7	9	82	11	2.10	<10	0.51	715	5	0.04	15	520	70	30	<20	81	0.03	<10	3	<10	6	457
14	9018	25	<0.2	0.26	220	145	<5	2.71	<1	7	91	3	1.78	10	0.76	646	3	0.04	13	650	8	10	<20	98	0.02	<10	5	<10	8	26
15	9019	30	0.2	0.25	180	80	<5	2.25	<1	7	73	16	1.83	10	0.68	566	6	0.04	12	580	2	10	<20	113	0.02	<10	9	<10	7	38
16	9020	420	0.2	0.23	175	100	<5	1.90	<1	7	91	5	1.79	10	0.59	501	3	0.04	9	550	4	<5	<20	98	0.02	<10	9	<10	6	45
17	9021	>1000	0.3	0.23	390	85	<5	1.71	<1	7	78	5	1.75	10	0.51	485	3	0.03	10	550	4	<5	<20	94	0.02	<10	6	<10	5	42
18	9022	25	<0.2	0.25	165	80	<5	2.24	<1	7	96	3	1.75	10	0.66	487	4	0.04	11	560	4	<5	<20	101	0.02	<10	7	<10	5	45
19	9023	515	<0.2	0.23	695	75	<5	2.09	4	9	78	4	2.05	10	0.66	703	3	0.04	12	660	4	<5	<20	114	0.03	<10	9	<10	6	252
20	9024	110	<0.2	0.23	565	60	<5	2.01	<1	7	111	3	1.59	10	0.58	597	3	0.02	11	630	2	<5	<20	96	0.02	<10	6	<10	6	54
21	9025	80	<0.2	0.28	170	115	<5	2.60	<1	8	94	3	2.02	10	0.78	617	5	0.04	14	600	4	<5	<20	129	0.03	<10	9	<10	6	53
22	9044	35	<0.2	0.20	270	70	<5	0.13	<1	<1	124	2	0.59	<10	0.04	162	6	0.04	2	40	34	10	<20	77	<0.01	<10	<1	<10	5	77
23	9045	45	<0.2	0.24	265	50	<5	1.77	<1	7	63	4	1.99	20	0.55	1095	2	0.05	11	640	4	10	<20	94	0.03	<10	9	<10	9	129
24	9046	25	<0.2	0.24	180	70	<5	2.06	<1	8	78	2	1.92	20	0.70	754	3	0.05	11	650	14	10	<20	111	0.03	<10	6	<10	8	38
25	9047	690	0.6	0.29	1190	65	<5	2.21	2	10	82	9	1.87	10	0.71	1247	7	0.03	19	640	38	15	<20	107	0.03	<10	4	<10	7	124
26	9048	20	<0.2	0.23	115	170	<5	2.32	<1	8	81	3	1.72	20	0.73	735	3	0.04	12	630	10	5	<20	93	0.02	<10	6	<10	7	40
27	9051	420	0.4	0.20	235	105	<5	1.10	<1	6	93	24	1.17	10	0.34	312	3	0.05	7	340	26	15	<20	58	0.01	<10	3	<10	4	17
28	9052	70	0.2	0.23	130	125	<5	2.50	<1	8	88	6	1.95	10	0.73	972	2	0.04	13	630	54	10	<20	85	0.03	<10	7	<10	8	56
29	9053	10	<0.2	0.23	10	270	<5	1.90	<1	6	74	2	1.43	10	0.58	524	2	0.05	9	470	8	<5	<20	102	0.02	<10	7	<10	7	28
30	9054	5	<0.2	0.22	<5	715	<5	2.49	<1	8	89	2	1.72	20	0.78	558	3	0.05	11	620	4	<5	<20	123	0.02	<10	11	<10	7	27
31	9055	5	<0.2	0.24	<5	785	<5	2.33	<1	8	73	2	1.81	10	0.72	503	2	0.05	12	620	4	<5	<20	154	0.02	<10	11	<10	7	27
32	9056	15	<0.2	0.21	75	415	<5	2.50	<1	7	91	3	1.82	10	0.74	517	2	0.04	11	560	4	<5	<20	114	0.02	<10	7	<10	7	31
33	9057	420	<0.2	0.20	165	225	<5	2.17	<1	7	67	3	1.60	10	0.64	457	19	0.04	12	550	6	<5	<20	78	0.02	<10	6	<10	7	27
34	9058	>1000	1.5	0.23	2090	50	<5	1.45	<1	9	92	7	2.05	<10	0.43	336	8	0.03	12	690	16	<5	<20	65	0.02	<10	4	<10	5	99
35	9059	65	<0.2	0.22	165	285	<5	2.21	<1	8	66	3	1.95	10	0.72	525	6	0.05	13	630	6	<5	<20	112	0.02	<10	10	<10	7	31

Et #	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Tl %	U	V	W	Y	Zn
36	9060	5	<0.2	0.19	<5	810	<5	2.46	<1	8	86	2	1.76	10	0.78	517	18	0.05	13	640	6	<5	<20	131	0.02	<10	10	<10	8	25
37	9061	35	<0.2	0.20	110	420	<5	2.58	3	7	69	3	1.72	10	0.81	528	6	0.05	22	590	4	45	<20	119	0.02	20	8	<10	7	25
38	9062	450	1.1	0.21	110	165	<5	2.79	<1	8	65	15	1.92	<10	0.98	970	4	0.05	16	600	10	5	<20	148	0.03	<10	7	<10	8	33
39	9063	270	2.2	0.34	215	175	<5	4.61	<1	21	65	54	3.81	<10	1.97	1341	4	0.04	56	820	8	25	<20	203	0.05	<10	24	<10	8	103
40	9064	10	0.3	0.22	1870	95	<5	2.42	<1	7	81	4	1.82	<10	0.67	2641	3	0.03	12	540	8	5	<20	83	0.04	<10	6	<10	7	82
41	9065	>1000	<0.2	0.23	<5	920	<5	2.60	<1	9	63	11	2.01	10	0.97	602	3	0.06	15	680	6	5	<20	220	0.03	<10	15	<10	10	35
42	9066	40	<0.2	0.18	1240	30	<5	0.76	1	1	70	2	0.74	<10	0.08	411	3	0.04	2	110	44	30	<20	110	0.01	<10	<1	<10	7	135
43	9067	15	<0.2	0.17	440	20	<5	0.89	<1	<1	91	2	0.57	<10	0.02	426	3	0.03	3	30	20	25	<20	145	<0.01	<10	<1	<10	6	16
44	9068	10	<0.2	0.19	135	15	<5	0.81	<1	<1	77	2	0.58	<10	0.02	409	2	0.04	3	30	22	15	<20	109	<0.01	<10	<1	<10	7	22
45	9069	10	<0.2	0.19	45	280	<5	3.11	<1	7	82	2	1.79	10	0.78	742	2	0.04	13	600	6	5	<20	214	0.03	<10	7	<10	8	33
46	9070	75	<0.2	0.22	260	265	<5	3.04	<1	10	57	12	2.30	10	0.92	739	2	0.05	14	830	12	30	<20	206	0.03	<10	9	<10	8	41
47	9071	445	0.2	0.22	615	105	<5	2.91	<1	8	71	14	2.02	<10	0.87	2184	11	0.04	13	660	12	45	<20	110	0.04	<10	8	<10	8	36
48	9072	>1000	0.3	0.22	3605	70	<5	0.31	<1	1	58	4	0.75	<10	0.09	4245	5	0.03	2	40	30	50	<20	47	0.05	<10	<1	<10	4	200
49	9073	>1000	<0.2	0.17	3680	35	<5	0.32	<1	<1	65	3	0.68	<10	0.07	2118	4	0.03	2	30	18	80	<20	42	0.03	<10	<1	<10	3	128
50	9074	190	<0.2	0.19	695	40	<5	0.35	<1	<1	76	2	0.58	<10	0.08	1250	3	0.03	2	40	24	20	<20	44	0.02	<10	<1	<10	3	49
51	9075	225	<0.2	0.21	1070	85	<5	0.29	1	<1	78	5	0.69	<10	0.08	696	4	0.03	3	40	36	30	<20	46	0.01	<10	<1	<10	3	71
52	9076	175	<0.2	0.22	1490	50	<5	0.42	<1	2	70	4	0.65	<10	0.12	375	3	0.03	4	90	22	30	<20	52	<0.01	<10	<1	<10	3	42
53	9077	190	<0.2	0.20	750	65	<5	0.19	<1	<1	57	2	0.76	<10	0.07	83	2	0.03	2	40	8	15	<20	34	<0.01	<10	<1	<10	3	17
54	9078	20	<0.2	0.19	125	350	<5	2.82	<1	8	74	17	1.87	10	0.77	736	2	0.05	13	670	6	15	<20	54	0.03	<10	6	<10	9	32
55	9079	20	<0.2	0.21	<5	485	<5	2.60	<1	7	58	4	1.72	10	0.75	715	1	0.05	11	640	6	5	<20	126	0.02	<10	8	<10	7	26
56	9080	170	<0.2	0.19	170	110	<5	0.92	<1	3	53	2	0.94	<10	0.15	179	4	0.03	3	60	34	25	<20	107	0.01	<10	<1	<10	4	9
57	9912	295	0.4	0.27	295	135	<5	3.82	<1	12	79	25	2.33	10	1.46	920	5	0.05	27	630	16	20	<20	128	0.03	<10	9	<10	7	48
58	9913	40	<0.2	0.24	170	200	<5	2.83	<1	7	76	4	1.89	10	0.87	954	3	0.05	13	600	12	<5	<20	151	0.03	<10	8	<10	8	28
59	9914	975	0.2	0.23	1525	270	<5	3.37	<1	7	90	6	2.11	10	0.99	1456	2	0.03	15	580	16	20	<20	120	0.04	<10	7	<10	8	76
60	9915	15	<0.2	0.21	80	200	<5	2.91	<1	9	70	9	2.05	10	0.91	981	4	0.04	12	620	8	15	<20	103	0.03	<10	8	<10	7	42
61	9916	20	0.4	0.24	795	55	<5	2.31	<1	8	82	3	2.02	10	0.66	875	5	0.03	13	630	10	10	<20	89	0.03	<10	5	<10	7	34
62	9917	235	0.8	0.24	1950	55	<5	1.38	<1	8	87	5	1.80	10	0.37	627	4	0.03	12	690	22	30	<20	70	0.02	<10	3	<10	6	40
63	9918	<5	<0.2	0.21	65	105	<5	0.95	<1	1	105	2	0.66	<10	0.05	473	5	0.04	5	60	44	25	<20	120	0.01	<10	<1	<10	6	57
64	9919	<5	<0.2	0.23	30	70	<5	1.02	<1	6	106	8	0.98	10	0.20	620	14	0.03	9	540	40	55	<20	79	0.02	<10	3	<10	5	38
65	9920	5	<0.2	0.18	25	90	<5	1.10	<1	<1	81	2	0.64	<10	0.04	534	3	0.04	5	50	10	10	<20	118	0.01	<10	<1	<10	6	54
66	9921	<5	<0.2	0.29	10	100	<5	2.90	<1	8	65	1	2.02	20	0.67	1835	5	0.05	14	690	4	70	<20	179	0.04	<10	7	<10	11	62
67	9922	45	<0.2	0.32	15	130	<5	3.23	<1	8	71	1	1.93	20	0.81	1560	4	0.04	17	690	6	10	<20	208	0.04	<10	9	<10	12	58
68	9923	10	<0.2	0.19	20	115	<5	0.89	1	<1	90	2	0.58	<10	0.04	358	2	0.04	4	40	26	15	<20	121	<0.01	<10	<1	<10	6	51
69	9924	5	<0.2	0.23	<5	185	<5	2.24	<1	7	80	2	1.66	10	0.66	583	3	0.05	11	540	4	5	<20	120	0.02	<10	8	<10	8	32
70	9925	20	<0.2	0.26	105	350	<5	2.72	<1	8	65	3	1.90	10	0.80	840	1	0.04	14	660	6	10	<20	173	0.03	<10	7	<10	7	41
71	9926	<5	<0.2	0.29	60	445	<5	2.58	<1	9	77	2	2.05	20	0.79	735	4	0.04	11	660	4	<5	<20	145	0.03	<10	6	<10	7	55
72	9927	790	0.6	0.32	3425	90	<5	3.60	<1	15	72	22	2.68	10	1.43	896	2	0.03	39	630	10	15	<20	238	0.04	<10	16	<10	5	89
73	9928	675	0.2	0.24	1305	80	<5	2.29	<1	7	83	10	1.72	20	0.77	661	2	0.03	15	470	2	<5	<20	149	0.02	<10	5	<10	4	60
74	9929	150	<0.2	0.27	1240	65	<5	1.75	<1	7	103	5	1.37	10	0.59	601	1	0.03	17	320	4	<5	<20	115	0.02	<10	4	<10	6	47
75	9930	195	<0.2	0.25	720	55	<5	1.39	<1	5	108	3	1.08	20	0.45	576	5	0.02	10	270	2	<5	<20	93	0.02	<10	3	<10	4	33
76	9931	855	0.4	0.24	570	50	<5	0.86	<1	4	117	5	0.98	20	0.27	436	3	0.02	7	210	4	<5	<20	60	0.01	<10	1	<10	3	33
77	9932	195	0.2	0.24	550	50	<5	1.60	<1	6	104	3	1.27	10	0.53	537	7	0.02	14	270	2	<5	<20	69	0.02	<10	3	<10	3	36
78	9933	20	<0.2	0.24	55	60	<5	0.97	<1	3	117	3	0.82	20	0.30	334	<1	0.02	6	220	<2	<5	<20	48	0.01	<10	1	<10	3	24
79	9934	80	<0.2	0.25	370	45	<5	1.46	<1	4	125	3	1.27	20	0.48	520	7	0.02	9	330	2	5	<20	80	0.02	<10	3	<10	4	31
80	9935	235	0.4	0.31	4545	70	<5	4.72	2	17	73	9	3.28	10	1.72	1407	<1	0.02	42	730	8	<5	<20	242	0.05	<10	15	<10	7	141

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
81	9936	40	<0.2	0.30	1115	80	<5	3.73	<1	13	83	7	2.76	10	1.42	986	3	0.03	31	710	4	<5	<20	172	0.04	<10	12	<10	6	70
82	9937	<5	<0.2	0.32	5	175	<5	1.18	<1	<1	51	<1	0.59	10	0.19	153	1	0.06	4	20	54	<5	<20	314	<0.01	<10	<1	<10	13	21
83	9938	240	0.3	0.36	275	115	<5	3.95	<1	14	68	19	2.58	10	1.31	1157	5	0.05	37	830	24	10	<20	244	0.04	<10	11	<10	11	49
84	9939	25	<0.2	0.30	<5	1030	<5	2.95	<1	11	68	5	2.30	20	0.96	731	1	0.06	19	670	6	<5	<20	267	0.03	<10	18	<10	9	36
85	9940	<5	<0.2	0.29	20	635	<5	1.65	<1	8	83	5	1.94	20	0.56	437	1	0.06	11	660	4	<5	<20	186	0.02	<10	15	<10	8	29
86	9941	<5	<0.2	0.28	20	680	<5	1.96	<1	7	91	4	1.77	20	0.61	478	3	0.06	11	560	4	<5	<20	164	0.02	<10	12	<10	8	27
87	9942	5	<0.2	0.26	<5	435	25	1.89	4	6	88	5	1.75	20	0.52	468	6	0.05	23	420	22	30	<20	132	0.02	<10	18	210	28	29
88	9943	<5	<0.2	0.28	25	485	<5	2.25	<1	7	84	3	1.92	20	0.69	515	4	0.06	12	600	4	<5	<20	158	0.02	<10	10	<10	7	30
89	9944	100	<0.2	0.26	240	230	<5	1.59	<1	8	87	5	2.08	20	0.55	477	2	0.05	12	620	8	<5	<20	146	0.02	<10	9	<10	7	38
90	9945	5	<0.2	0.27	<5	575	<5	1.33	<1	7	91	2	1.74	30	0.43	342	5	0.06	9	570	4	<5	<20	139	0.02	<10	13	<10	7	28
91	9946	<5	<0.2	0.23	90	380	<5	2.18	<1	7	77	3	1.78	20	0.68	490	2	0.05	13	530	4	10	<20	132	0.02	<10	8	<10	6	31
92	9947	15	<0.2	0.25	190	245	<5	2.46	1	7	102	3	1.72	10	0.76	505	6	0.05	17	540	6	20	<20	114	0.02	<10	7	<10	5	32
93	9948	<5	<0.2	0.32	65	545	<5	4.80	4	22	63	28	3.42	10	2.31	873	5	0.05	67	800	14	55	<20	272	0.04	<10	26	<10	7	80
94	9949	>1000	>30	0.52	>10000	25	<5	0.42	489	52	2168	1740	6.56	10	0.24	852	45	0.01	1894	150	>10000	990	<20	16	0.09	<10	22	<10	3	>10000
95	9950	<5	<0.2	1.30	5	65	5	0.80	<1	10	169	16	1.92	<10	0.74	304	<1	0.10	24	370	4	<5	<20	30	0.08	<10	46	<10	16	43

QC DATA:

Resplit:

1	9001	10	0.2	0.76	<5	350	<5	4.23	<1	22	83	37	3.68	10	2.52	838	<1	0.06	58	810	14	<5	<20	245	0.05	<10	37	<10	8	71
36	9060	5	<0.2	0.23	<5	935	<5	2.42	<1	8	92	2	1.79	10	0.78	515	20	0.05	12	650	4	<5	<20	135	0.02	<10	11	<10	7	25
71	9926	5	<0.2	0.35	70	455	<5	2.66	<1	9	116	3	2.18	20	0.83	762	4	0.05	13	690	4	<5	<20	150	0.03	<10	7	<10	7	60

Repeat:

1	9001	10	<0.2	0.73	<5	405	<5	4.30	<1	22	82	44	3.68	10	2.53	850	<1	0.06	57	810	14	<5	<20	251	0.05	<10	36	<10	8	70
10	9014	110	<0.2	0.26	685	185	<5	2.46	<1	8	94	3	2.10	10	0.75	1019	3	0.05	13	660	8	20	<20	99	0.03	<10	9	<10	8	39
19	9023	505	<0.2	0.24	655	75	<5	2.05	5	8	76	4	2.01	10	0.65	689	3	0.04	13	640	4	<5	<20	112	0.03	<10	9	<10	7	252
36	9060	5	<0.2	0.20	<5	820	<5	2.44	<1	8	85	2	1.74	10	0.78	512	19	0.05	13	630	4	<5	<20	130	0.02	<10	10	<10	7	28
45	9069	10	<0.2	0.19	50	280	<5	3.06	<1	7	81	1	1.76	10	0.77	728	2	0.04	12	600	6	10	<20	209	0.02	<10	7	<10	8	32
54	9078	30	<0.2	0.20	130	360	<5	2.84	<1	8	75	16	1.90	10	0.77	745	3	0.05	12	690	8	15	<20	55	0.03	<10	6	<10	9	34
71	9926	5	<0.2	0.29	65	495	<5	2.60	<1	9	76	2	2.06	20	0.80	739	4	0.04	12	660	2	<5	<20	148	0.03	<10	6	<10	7	56
73	9928	650	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
76	9931	890	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
80	9935	215	0.3	0.32	4500	70	<5	4.72	3	17	73	10	3.28	10	1.72	1403	<1	0.02	42	720	10	<5	<20	242	0.05	<10	15	<10	6	145
89	9944	-	0.2	0.23	210	215	<5	1.44	<1	7	81	5	1.90	10	0.49	435	2	0.05	10	560	10	<5	<20	133	0.02	<10	8	<10	6	36

Standard:

GEO '03		140	1.5	1.61	50	135	<5	1.61	<1	19	57	83	3.50	<10	0.95	616	<1	0.03	28	660	22	<5	<20	40	0.12	<10	70	<10	10	72
GEO '03		145	1.4	1.61	50	135	<5	1.56	<1	19	56	79	3.44	<10	0.93	599	<1	0.03	28	680	24	<5	<20	49	0.12	<10	69	<10	10	73
GEO '03		135	1.5	1.73	55	135	<5	1.64	<1	20	60	84	3.61	<10	0.99	632	<1	0.04	29	690	24	<5	<20	43	0.14	<10	74	<10	10	71

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/kk
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Eco Tech Laboratory Ltd.

ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING

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CERTIFICATE OF ASSAY AK 2003-626

CME MANAGING CONSULTANTS LTD.
#2130 - 21331 Gordon Way
Richmond, BC
V6W 1J9

15-Dec-03

No. of samples received: 95
Sample type: Core
Project Name: Skukum
Project Number: P56D
Submitted By:TV

ET #.	Tag #	Au (g/t)	Au (oz/t)
7	9011	2.06	0.060
13	9017	2.12	0.062
17	9021	2.01	0.059
34	9058	4.06	0.118
41	9065	1.57	0.046
48	9072	1.24	0.036
49	9073	2.63	0.077
59	9914	0.96	0.028
94	9949	10.6	0.309

QC DATA:
Standard:
PM184 0.51 0.015

YUKON ENERGY, MINES
& RESOURCES LIBRARY
P.O. BOX 2703
WHITEHORSE, YUKON Y1A 2C6

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/kk
XLS/03
Fax: Richmond Office & email

18-D

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2003-637

CME MANAGING CONSULTANTS LTD.
#2130 - 21331 Gordon Way
Richmond, BC
V6W 1J9

No. of samples received: 38
Sample type: Core
Project Name: Skukum
Project Number: P56D
Submitted By: TV

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	10202	50	<0.2	0.14	105	40	<5	0.36	<1	2	83	4	0.52	20	0.10	230	4	0.01	3	70	10	10	<20	31	<0.01	<10	<1	<10	2	26
2	10203	10	<0.2	0.12	30	40	<5	0.63	<1	1	80	2	0.71	10	0.16	378	2	0.01	3	90	<2	5	<20	18	<0.01	<10	<1	<10	2	17
3	10204	15	<0.2	0.12	30	40	<5	0.48	<1	1	89	2	0.53	20	0.13	286	2	0.01	4	90	2	<5	<20	20	<0.01	<10	<1	<10	1	21
4	10205	70	<0.2	0.14	60	60	<5	0.71	<1	2	74	2	0.72	20	0.19	367	2	0.01	4	140	4	10	<20	24	<0.01	<10	<1	<10	3	31
5	10206	30	0.2	0.15	5	60	<5	0.09	<1	<1	40	2	0.87	30	0.04	290	6	0.02	1	30	18	<5	<20	24	<0.01	<10	<1	<10	12	52
6	10207	15	<0.2	0.17	<5	65	<5	0.10	<1	1	40	2	0.95	40	0.04	308	2	0.03	1	40	22	<5	<20	25	<0.01	<10	<1	<10	15	59
7	10208	5	0.3	0.16	<5	55	<5	0.09	<1	<1	33	2	0.93	40	0.04	270	1	0.04	<1	30	20	<5	<20	19	<0.01	<10	<1	<10	14	59
8	10209	10	0.2	0.17	<5	55	<5	0.09	<1	<1	26	2	0.91	40	0.03	263	1	0.03	<1	30	20	<5	<20	19	<0.01	<10	<1	<10	13	67
9	10210	10	0.2	0.18	<5	60	<5	0.07	<1	<1	44	2	0.94	40	0.03	270	2	0.04	2	30	18	<5	<20	16	<0.01	<10	<1	<10	13	52
10	10211	10	0.2	0.19	<5	70	<5	0.08	<1	1	54	3	0.95	40	0.04	301	3	0.04	<1	40	20	<5	<20	23	<0.01	<10	<1	<10	13	58
11	10212	15	<0.2	0.16	<5	55	<5	0.08	<1	<1	41	3	1.05	40	0.05	394	2	0.04	<1	30	16	<5	<20	17	<0.01	<10	<1	<10	11	59
12	10213	65	2.7	0.17	20	55	<5	0.08	<1	<1	61	2	0.97	30	0.06	391	4	0.04	<1	30	34	<5	<20	17	<0.01	<10	<1	<10	9	55
13	10214	>1000	0.7	0.16	2220	30	<5	1.19	<1	5	85	8	1.69	10	0.44	331	2	0.01	9	260	4	5	<20	49	<0.01	<10	2	<10	3	46
14	10215	75	<0.2	0.16	250	35	<5	1.61	<1	4	96	3	1.06	20	0.60	476	5	0.01	8	270	4	5	<20	58	<0.01	<10	3	<10	3	27
15	10216	600	<0.2	0.18	810	50	<5	2.15	<1	5	92	5	1.51	20	0.83	577	3	0.02	13	310	4	5	<20	74	<0.01	<10	4	<10	3	38
16	10217	15	<0.2	0.19	180	90	<5	2.51	<1	7	83	2	2.03	20	0.83	573	2	0.03	11	530	6	15	<20	126	<0.01	<10	9	<10	5	38
17	10218	305	0.4	0.16	1950	30	<5	0.50	<1	<1	77	2	0.67	10	0.04	2072	3	0.02	3	40	26	80	<20	45	<0.01	<10	<1	<10	5	63
18	10219	290	0.3	0.15	1550	25	<5	0.68	2	<1	81	2	0.65	10	0.05	2877	4	0.02	3	40	24	85	<20	62	<0.01	<10	<1	<10	5	98
19	10220	115	<0.2	0.19	675	50	<5	1.44	2	2	62	2	1.12	20	0.11	1682	4	0.04	4	210	26	65	<20	285	<0.01	<10	<1	<10	8	90
20	10221	595	4.4	0.17	2370	35	<5	0.26	10	<1	85	4	0.77	<10	0.03	1518	2	0.02	2	30	438	545	<20	47	<0.01	<10	<1	<10	5	591
21	10222	355	0.4	0.16	2025	35	<5	0.29	4	<1	66	2	0.71	<10	0.03	1431	2	0.02	2	30	44	145	<20	39	<0.01	<10	<1	<10	4	326
22	10223	330	0.6	0.14	1625	30	<5	0.27	4	<1	77	3	0.71	<10	0.03	2130	2	0.02	2	40	44	280	<20	38	<0.01	<10	<1	<10	3	338
23	10224	>1000	3.2	0.20	2175	45	<5	0.83	27	5	74	9	1.41	20	0.22	1786	6	0.03	8	300	618	960	<20	70	<0.01	<10	1	<10	5	1109
24	10225	>1000	1.3	0.24	3620	50	<5	3.00	3	14	64	16	2.51	<10	0.89	1943	2	0.04	42	630	20	1270	<20	127	<0.01	<10	8	<10	7	149
25	10226	290	0.4	0.18	960	105	<5	2.18	1	5	71	10	1.64	10	0.61	1498	2	0.03	11	440	10	90	<20	79	<0.01	<10	4	<10	5	29
26	10227	790	<0.2	0.18	310	155	<5	2.10	<1	6	78	3	1.60	10	0.60	661	2	0.03	10	480	6	30	<20	91	<0.01	<10	4	<10	6	39
27	10228	10	<0.2	0.17	5	470	<5	2.41	<1	5	77	10	1.49	20	0.75	561	2	0.03	11	370	12	40	<20	102	<0.01	<10	3	<10	5	27
28	10229	15	<0.2	0.16	20	170	<5	1.12	<1	3	90	6	0.95	20	0.31	279	8	0.02	5	220	16	80	<20	59	<0.01	<10	<1	<10	3	10
29	10230	>1000	<0.2	0.18	80	135	<5	1.58	<1	5	80	6	1.30	20	0.43	412	5	0.02	9	360	10	100	<20	68	<0.01	<10	1	<10	4	16
30	10231	315	1.5	0.24	1100	95	<5	4.35	1	17	68	37	3.18	<10	1.88	1662	<1	0.03	46	620	18	100	<20	160	<0.01	<10	20	<10	6	62
31	10232	15	<0.2	0.22	35	255	<5	6.08	<1	17	57	10	3.23	<10	2.54	1245	<1	0.03	49	620	10	30	<20	181	<0.01	<10	26	<10	6	38
32	10233	10	<0.2	0.23	15	475	<5	4.62	<1	16	52	19	2.92	10	2.06	777	<1	0.03	41	690	6	45	<20	207	<0.01	<10	22	<10	6	32
33	10234	160	<0.2	0.14	1060	40	<5	0.44	2	<1	83	2	0.69	10	0.04	804	3	0.01	2	30	34	60	<20	51	<0.01	<10	<1	<10	4	263
34	10235	40	<0.2	0.15	340	40	<5	0.12	3	<1	83	2	0.71	10	0.04	1018	3	0.01	2	40	34	110	<20	29	<0.01	<10	<1	<10	4	396
35	10236	<5	<0.2	0.18	20	200	<5	1.93	<1	6	74	2	1.66	20	0.64	424	2	0.04	9	480	6	<5	<20	110	<0.01	<10	10	<10	6	26

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
36	10237	15	0.2	0.17	10	300	<5	1.72	<1	6	75	1	1.68	20	0.61	393	8	0.04	7	500	6	<5	<20	126	<0.01	<10	12	<10	8	23
37	9149	>1000	>30	0.48	>10000	15	<5	0.39	491	45	1760	1700	6.94	10	0.24	772	21	<0.01	1562	160	>10000	810	<20	15	<0.01	<10	18	<10	3	>10000
38	9150	<5	<0.2	1.09	15	60	<5	0.60	<1	9	89	18	1.87	<10	0.65	252	1	0.07	23	420	22	<5	<20	23	0.10	<10	37	<10	7	43
QC DATA:																														
Resplit:																														
1	10202	40	<0.2	0.14	100	35	<5	0.36	<1	1	84	4	0.51	20	0.10	230	3	0.01	4	70	8	15	<20	28	<0.01	<10	<1	<10	2	25
36	10237	10	<0.2	0.19	15	295	<5	1.62	<1	6	90	2	1.66	20	0.57	387	8	0.04	9	490	6	5	<20	121	<0.01	<10	11	<10	7	21
Repeat:																														
1	10202	50	<0.2	0.14	105	40	<5	0.36	<1	2	83	4	0.52	20	0.10	229	3	0.01	4	80	10	10	<20	31	<0.01	<10	<1	<10	2	25
10	10211	10	0.2	0.20	10	65	<5	0.09	<1	<1	56	2	0.97	40	0.04	315	3	0.04	<1	30	20	<5	<20	21	<0.01	<10	<1	<10	13	59
15	10216	580	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	10218	270	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	10220	115	<0.2	0.20	715	55	<5	1.46	<1	2	63	3	1.13	20	0.12	1694	4	0.04	6	200	28	65	<20	289	<0.01	<10	<1	<10	9	90
20	10221	580	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	10227	750	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36	10237	-	<0.2	0.17	15	290	<5	1.70	<1	6	73	2	1.66	20	0.60	387	4	0.04	9	470	6	<5	<20	126	<0.01	<10	12	<10	7	23
Standard:																														
GEO '03		140	1.5	1.48	55	145	<5	1.48	<1	18	52	87	3.46	10	0.90	569	<1	0.02	27	630	24	<5	<20	41	0.10	<10	71	<10	9	71
GEO '03		140	1.6	1.42	55	140	<5	1.43	<1	17	50	83	3.33	10	0.87	547	<1	0.02	26	600	22	<5	<20	42	0.12	<10	69	<10	8	69

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/kk
df/637
XLS/03
Fax: Richmond Office & email

Eco Tech Laboratory Ltd.

ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING

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CERTIFICATE OF ASSAY AK 2003-637

CME MANAGING CONSULTANTS LTD.
#2130 - 21331 Gordon Way
Richmond, BC
V6W 1J9

19-Dec-03

No. of samples received: 38
Sample type: Core
Project Name: Skukum
Project Number: P56D
Submitted By: TV

ET #.	Tag #	Au (g/t)	Au (oz/t)
13	10214	2.65	0.077
23	10224	1.64	0.048
24	10225	4.08	0.119
29	10230	1.16	0.034
37	9149	10.60	0.309

QC DATA:

Standard:

PM184	0.53	0.015

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/kk
XLS/03
Fax: Richmond Office & email

18-Dec-03

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2003-638

CME MANAGING CONSULTANTS LTD.
#2130 - 21331 Gordon Way
Richmond, BC
V6W 1J9

No. of samples received: 69
Sample type: Core
Project Name: Skukum
Project Number: P56D
Submitted By: TV

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Tl %	U	V	W	Y	Zn
1	9081	10	<0.2	0.21	<5	605	<5	2.22	<1	7	81	2	1.73	20	0.67	530	2	0.04	11	600	8	<5	<20	115	<0.01	<10	6	<10	8	25
2	9082	15	<0.2	0.19	85	255	<5	2.31	<1	6	59	2	1.75	20	0.71	591	1	0.03	11	540	6	20	<20	81	<0.01	<10	5	<10	6	22
3	9083	<5	<0.2	0.18	10	285	<5	1.96	<1	6	63	1	1.42	20	0.56	517	1	0.03	9	520	4	10	<20	71	<0.01	<10	4	<10	5	17
4	9084	<5	<0.2	0.20	<5	600	<5	2.28	<1	6	86	4	1.68	20	0.77	525	2	0.03	10	510	4	15	<20	111	<0.01	<10	6	<10	5	23
5	9085	15	0.2	0.19	15	175	<5	1.74	<1	5	86	18	1.27	20	0.56	508	4	0.03	10	300	6	40	<20	90	<0.01	<10	3	<10	4	19
6	9086	20	<0.2	0.18	125	180	<5	2.07	<1	5	77	5	1.59	20	0.69	1176	3	0.03	11	450	6	75	<20	92	<0.01	<10	4	<10	4	24
7	9087	560	<0.2	0.18	1085	135	<5	1.85	4	4	90	3	1.38	10	0.47	1512	3	0.02	8	300	12	1765	<20	77	<0.01	<10	2	<10	4	94
8	9088	5	<0.2	0.29	15	320	<5	1.50	<1	7	60	2	1.73	20	0.54	379	1	0.05	11	540	6	25	<20	139	<0.01	<10	17	<10	10	21
9	9089	795	<0.2	0.22	655	80	<5	1.94	<1	8	77	4	1.82	10	0.60	570	2	0.04	11	550	8	10	<20	117	<0.01	<10	9	<10	9	19
10	9090	<5	<0.2	0.44	<5	145	<5	1.55	<1	7	60	2	1.76	30	0.58	396	<1	0.05	11	620	8	10	<20	118	<0.01	<10	18	<10	10	26
11	9091	80	0.3	0.21	220	35	<5	1.79	1	8	78	5	1.87	20	0.56	982	6	0.03	9	480	18	5	<20	118	<0.01	<10	3	<10	9	32
12	9092	370	0.6	0.24	370	165	<5	1.47	2	7	46	10	1.22	20	0.45	611	8	0.04	10	470	46	10	<20	144	<0.01	<10	3	<10	9	105
13	9093	65	<0.2	0.16	200	135	<5	2.65	<1	6	70	1	1.93	20	0.78	907	1	0.03	10	520	4	<5	<20	72	<0.01	<10	5	<10	7	23
14	9094	125	0.2	0.20	440	135	<5	3.88	1	10	60	14	2.40	10	1.26	1103	1	0.03	29	610	12	30	<20	151	<0.01	<10	9	<10	8	66
15	9095	310	0.2	0.19	395	80	<5	2.64	<1	6	61	2	1.72	20	0.62	849	<1	0.02	12	460	8	5	<20	170	<0.01	<10	5	<10	6	29
16	9096	5	0.2	0.17	10	75	<5	0.38	<1	3	74	2	1.74	30	0.18	369	4	0.04	2	290	12	25	<20	64	<0.01	<10	1	<10	7	45
17	9097	<5	<0.2	0.19	<5	80	<5	0.28	<1	2	56	2	1.51	30	0.17	330	3	0.05	1	280	12	10	<20	70	<0.01	<10	<1	<10	7	42
18	9098	20	<0.2	0.16	360	70	<5	0.67	6	<1	71	2	0.64	<10	0.03	478	3	0.02	4	40	78	65	<20	72	<0.01	<10	<1	<10	7	177
19	9101	65	<0.2	0.16	1105	55	<5	0.96	6	<1	63	2	0.59	<10	0.02	748	2	0.02	4	40	58	50	<20	71	<0.01	<10	<1	<10	7	154
20	9102	130	<0.2	0.15	950	50	<5	0.34	3	<1	62	2	0.66	10	0.04	189	3	0.02	2	40	12	40	<20	50	<0.01	<10	<1	<10	4	58
21	9103	<5	<0.2	0.18	20	255	<5	2.15	<1	7	53	2	1.73	20	0.66	790	1	0.04	11	550	16	20	<20	87	<0.01	<10	7	<10	8	33
22	9104	<5	<0.2	0.15	<5	575	<5	2.19	<1	7	64	2	1.76	20	0.70	562	1	0.03	9	600	6	<5	<20	123	<0.01	<10	6	<10	7	23
23	9105	20	<0.2	0.18	545	65	<5	2.36	2	6	59	3	1.87	10	0.72	1024	2	0.03	10	550	8	25	<20	70	<0.01	<10	3	<10	5	25
24	9106	470	0.7	0.20	2995	45	<5	2.27	5	7	76	6	2.26	20	0.74	1171	3	0.02	12	660	16	50	<20	75	<0.01	<10	4	<10	6	41
25	9107	605	3.3	0.18	2415	35	<5	2.24	6	6	68	22	1.95	10	0.68	1148	3	0.02	11	600	4	360	<20	63	<0.01	<10	4	<10	5	57
26	9108	>1000	4.2	0.20	2820	35	<5	2.03	7	7	92	37	2.24	20	0.63	743	2	0.02	11	610	6	80	<20	56	<0.01	<10	4	<10	6	67
27	9109	180	2.8	0.20	2240	60	<5	2.43	8	7	70	39	2.11	10	0.77	862	1	0.02	13	620	6	50	<20	66	<0.01	<10	5	<10	6	75
28	9110	15	0.7	0.17	1000	60	<5	2.40	3	7	85	28	1.97	10	0.75	669	2	0.02	11	570	4	40	<20	66	<0.01	<10	5	<10	5	49
29	9111	20	0.3	0.18	740	55	<5	2.20	3	7	68	9	1.97	20	0.69	605	2	0.02	11	560	4	15	<20	70	<0.01	<10	4	<10	5	47
30	9112	95	1.6	0.20	655	55	<5	2.14	2	7	88	18	1.95	20	0.66	559	4	0.02	11	570	4	45	<20	83	<0.01	<10	5	<10	5	51
31	9113	210	0.7	0.20	1320	45	<5	2.30	3	8	78	13	2.11	20	0.74	622	3	0.01	13	560	4	25	<20	72	<0.01	<10	5	<10	5	45
32	9114	>1000	0.5	0.13	1570	40	<5	2.43	6	8	64	23	2.07	10	0.78	617	3	0.02	12	580	2	35	<20	73	<0.01	<10	4	<10	5	59
33	9115	10	0.5	0.18	1010	50	<5	2.48	3	8	77	36	2.13	10	0.78	646	2	0.02	11	560	14	35	<20	85	<0.01	<10	5	<10	5	51
34	9116	55	<0.2	0.14	1165	60	<5	2.72	3	8	61	10	2.13	10	0.84	844	2	0.02	13	540	6	20	<20	98	<0.01	<10	7	<10	6	54
35	9117	35	<0.2	0.15	1045	75	<5	2.44	3	7	56	6	1.97	10	0.75	626	2	0.02	13	540	6	20	<20	88	<0.01	<10	5	<10	5	46

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
36	9118	5	<0.2	0.14	805	90	<5	2.15	2	6	68	4	1.77	10	0.65	509	3	0.02	9	500	6	15	<20	73	<0.01	<10	4	<10	6	41
37	9119	<5	<0.2	0.14	280	95	<5	2.28	1	7	51	4	1.67	10	0.69	435	3	0.03	11	510	4	10	<20	85	<0.01	<10	4	<10	5	39
38	9120	<5	<0.2	0.15	105	125	<5	2.36	<1	7	56	2	1.70	10	0.75	407	2	0.03	10	480	4	5	<20	91	<0.01	<10	5	<10	6	35
39	9121	<5	<0.2	0.22	85	130	<5	5.52	<1	21	55	10	3.88	<10	2.29	1037	<1	0.02	57	670	8	10	<20	265	<0.01	<10	20	<10	6	105
40	9122	5	<0.2	0.16	75	165	<5	3.54	1	9	54	10	2.32	10	1.23	753	5	0.02	17	590	16	15	<20	153	<0.01	<10	10	<10	5	66
41	9123	10	<0.2	0.31	25	420	10	4.76	<1	22	49	18	4.12	10	2.26	989	<1	0.05	55	900	8	15	<20	387	<0.01	<10	44	<10	10	72
42	9124	<5	<0.2	0.22	<5	540	<5	3.14	<1	12	62	20	2.35	20	1.29	652	<1	0.04	27	570	6	20	<20	221	<0.01	<10	18	<10	7	40
43	9125	155	4.7	0.31	310	60	<5	4.42	<1	18	51	63	3.89	10	1.66	1490	6	0.03	30	1070	46	40	<20	223	<0.01	<10	22	<10	8	71
44	9126	5	0.2	0.18	55	180	<5	2.60	<1	6	67	11	1.81	10	0.86	632	1	0.03	12	480	8	10	<20	108	<0.01	<10	8	<10	6	34
45	9127	<5	<0.2	0.22	30	205	<5	2.14	<1	6	91	9	1.80	10	0.78	464	<1	0.04	12	510	8	5	<20	117	<0.01	<10	9	<10	6	29
46	9128	120	0.3	0.21	135	95	<5	2.18	<1	8	84	10	1.97	10	0.81	567	3	0.04	13	530	26	15	<20	141	<0.01	<10	8	<10	6	31
47	9129	195	4.6	0.30	1020	60	5	4.28	4	29	56	39	4.74	10	2.03	1393	<1	0.03	69	640	78	30	<20	194	<0.01	<10	40	<10	9	114
48	9130	30	0.6	0.22	90	175	<5	2.61	<1	8	87	14	1.98	10	0.95	583	2	0.04	17	500	8	10	<20	132	<0.01	<10	11	<10	7	31
49	9131	420	0.5	0.54	687	90	<5	4.58	3	25	87	43	3.91	12	2.23	1257	1	0.04	83	731	9	8	<20	471	<0.01	<10	34	<10	7	64
50	9132	<5	<0.2	1.27	10	455	<5	3.43	<1	26	111	68	4.65	20	2.51	825	<1	0.06	84	910	14	35	<20	301	<0.01	<10	54	<10	11	68
51	9133	>1000	11.2	0.22	495	60	<5	5.14	6	18	64	102	2.88	<10	2.08	739	8	0.04	52	490	154	90	<20	361	<0.01	<10	16	<10	7	161
52	9134	15	<0.2	0.23	25	385	<5	2.10	<1	7	49	16	1.69	20	0.83	421	1	0.05	15	530	8	10	<20	175	<0.01	<10	15	<10	8	22
53	9135	70	<0.2	0.17	285	95	<5	0.84	6	1	66	4	0.71	10	0.08	543	3	0.02	2	80	92	65	<20	88	<0.01	<10	<1	<10	5	248
54	9136	<5	<0.2	0.19	235	110	<5	2.41	<1	6	63	13	1.84	10	0.77	705	2	0.03	12	480	20	35	<20	81	<0.01	<10	7	<10	6	30
55	9137	110	0.2	0.22	1795	40	<5	2.00	7	7	75	7	2.10	10	0.64	1054	<1	0.03	13	560	10	55	<20	77	<0.01	<10	5	<10	6	90
56	9138	285	0.2	0.22	1350	70	<5	0.29	5	<1	82	3	0.78	10	0.10	1258	4	0.03	3	30	18	25	20	60	<0.01	<10	<1	<10	3	113
57	9139	510	<0.2	0.19	1995	40	<5	0.37	8	1	74	3	0.77	<10	0.12	1098	2	0.03	4	30	8	65	20	65	<0.01	<10	<1	<10	3	175
58	9140	<5	<0.2	0.14	35	290	<5	2.02	<1	7	52	2	1.89	20	0.76	660	1	0.03	11	540	6	10	<20	75	<0.01	<10	7	<10	6	28
59	9141	15	0.2	0.20	45	320	<5	2.06	<1	8	67	9	2.01	20	0.78	611	3	0.04	13	600	16	20	<20	107	<0.01	<10	7	<10	8	66
60	9142	<5	0.2	0.21	25	520	<5	2.31	<1	8	62	4	2.06	20	0.87	575	<1	0.04	13	610	8	10	<20	113	<0.01	<10	8	<10	7	32
61	9143	30	<0.2	0.17	25	70	<5	0.42	1	2	67	2	0.84	<10	0.09	379	3	0.03	4	80	28	15	<20	75	<0.01	<10	<1	<10	4	66
62	9144	5	<0.2	0.15	10	435	<5	2.14	<1	6	45	1	1.57	20	0.67	521	<1	0.03	8	580	8	10	<20	102	<0.01	<10	6	<10	8	22
63	9145	160	0.4	0.19	425	160	<5	2.49	2	7	68	4	2.11	10	0.77	945	2	0.03	13	590	28	10	<20	89	<0.01	<10	8	<10	7	59
64	9146	700	<0.2	0.20	350	135	<5	1.79	<1	7	66	4	1.69	10	0.58	704	2	0.04	10	530	10	15	<20	79	<0.01	<10	9	<10	9	26
65	9147	340	0.4	0.22	1165	30	<5	2.11	6	7	86	5	2.07	10	0.65	1219	4	0.02	12	530	16	25	<20	74	<0.01	<10	5	<10	8	88
66	9148	65	0.4	0.16	860	40	<5	2.04	5	6	64	5	1.98	10	0.62	1207	2	0.02	11	530	18	15	<20	82	<0.01	<10	5	<10	8	52
67	9899	>1000	>30	0.48	>10000	10	<5	0.39	556	46	1834	1792	6.67	20	0.24	777	18	<0.01	1635	160	>10000	810	<20	13	<0.01	<10	19	<10	3	>10000
68	9900	<5	<0.2	1.17	10	65	10	0.63	<1	9	118	18	1.93	<10	0.67	257	<1	0.09	25	420	22	<5	20	26	0.02	<10	24	<10	6	39
69	10201	30	<0.2	0.20	145	65	<5	1.88	3	9	53	17	1.90	20	0.67	663	21	0.03	14	520	60	25	<20	171	<0.01	<10	6	<10	9	120
QC DATA:																														
Resplit:																														
1	9081	5	<0.2	0.19	5	585	<5	2.20	<1	6	77	2	1.70	20	0.66	524	1	0.04	11	580	6	10	<20	113	<0.01	<10	6	<10	7	28
36	9118	<5	<0.2	0.15	770	105	<5	2.15	3	6	74	4	1.78	10	0.65	506	3	0.02	10	520	6	25	<20	73	<0.01	<10	4	<10	5	41
Repeat:																														
1	9081	10	<0.2	0.22	<5	645	<5	2.14	<1	7	78	1	1.67	20	0.64	510	2	0.04	9	580	6	10	<20	111	<0.01	<10	6	<10	7	24
7	9087	565	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	9089	815	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	9090	<5	<0.2	0.46	5	150	<5	1.55	<1	7	61	2	1.79	30	0.58	400	1	0.05	11	650	8	5	<20	121	<0.01	<10	18	<10	10	29
12	9092	370	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
QC DATA:																														
Repeat:																														
19	9101	65	<0.2	0.16	1075	50	<5	0.96	6	<1	63	2	0.59	<10	0.02	751	2	0.02	3	30	56	60	<20	70	<0.01	<10	<1	<10	7	153
25	9107	610	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36	9118	5	<0.2	0.14	765	95	<5	2.15	3	6	68	3	1.77	10	0.65	507	3	0.02	10	510	2	20	<20	74	<0.01	<10	4	<10	6	42
45	9127	<5	<0.2	0.22	30	230	<5	2.18	<1	6	92	9	1.83	10	0.79	472	<1	0.04	12	510	6	5	<20	122	<0.01	<10	9	<10	6	29
49	9131	435	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
54	9136	<5	<0.2	0.19	225	125	<5	2.39	<1	6	63	12	1.83	10	0.76	702	2	0.03	12	460	22	30	<20	79	<0.01	<10	7	<10	6	30
57	9139	495	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Standard:																														
GEO '03		140	1.5	1.39	50	145	5	1.41	<1	17	59	86	3.26	<10	0.85	540	<1	0.02	30	580	20	<5	<20	40	0.10	<10	69	<10	8	73
GEO '03		135	1.6	1.40	55	145	<5	1.39	<1	17	59	87	3.28	<10	0.86	537	<1	0.02	30	590	22	<5	<20	44	0.11	<10	67	<10	8	73

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/kk
df/637
XLS/03
Fax: Richmond Office & email

Eco Tech Laboratory Ltd.

ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING

10041 Dallas Drive, Kamloops, BC V2C 6T4
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E-mail: info@ecotechlab.com
www.ecotechlab.com

CERTIFICATE OF ASSAY AK 2003-638

CME MANAGING CONSULTANTS LTD.
#2130 - 21331 Gordon Way
Richmond, BC
V6W 1J9

19-Dec-03

No. of samples received: 69
Sample type: Core
Project Name: Skukum
Project Number: P56D
Submitted By: TV

ET #.	Tag #	Au (g/t)	Au (oz/t)
26	9108	2.74	0.080
32	9114	2.40	0.070
51	9133	4.29	0.125
67	9899	9.87	0.288

QC DATA:

Standard:

PM184	0.53	0.015

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/kk
XLS/03
Fax: Richmond Office & email

APPENDIX III

CERTIFICATES OF ANALYSIS

b. Drill Core Samples

28-Oct-03

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2003-472

CME MANAGING CONSULTANTS LTD.
#2130 - 21331 Gordon Way
Richmond, BC
V6W 1J9

No. of samples received: 14
Sample type: Core
Project Name: Skukum
Project #: P56CDR

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Tl %	U	V	W	Y	Zn
1	9338	<5	<0.2	0.22	10	370	<5	2.01	<1	9	67	8	1.70	20	0.43	1162	4	0.04	11	720	18	10	<20	54	<0.01	<10	19	<10	8	38
2	9339	730	9.3	0.27	8500	20	<5	4.15	<1	21	49	32	4.25	<10	1.04	>10000	<1	0.02	38	1440	1908	60	<20	64	0.04	<10	15	<10	9	1212
3	9340	105	3.3	0.20	1465	135	<5	4.14	<1	10	59	17	2.26	10	0.89	>10000	<1	0.03	19	624	141	<5	<20	97	0.02	<10	8	<10	8	170
4	9341	10	1.2	0.88	<5	40	<5	5.82	<1	27	84	54	4.56	<10	2.02	2263	<1	0.03	99	1440	126	25	<20	222	0.01	<10	44	<10	9	84
5	9342	15	0.3	1.81	<5	55	<5	4.65	<1	30	131	25	4.78	<10	2.60	1562	<1	0.04	122	1360	75	<5	<20	209	0.01	<10	74	<10	9	106
6	9343	5	0.3	0.17	<5	495	<5	1.96	<1	5	73	16	1.24	20	0.37	887	2	0.04	7	432	54	10	<20	35	<0.01	<10	7	<10	6	40
7	9344	10	16.3	0.16	1155	250	<5	2.70	<1	7	71	34	1.53	20	0.55	7261	7	0.03	14	432	1134	95	<20	65	<0.01	<10	6	<10	6	713
8	9345	25	<0.2	0.33	<5	730	<5	5.96	<1	22	58	14	3.97	10	1.56	1383	<1	0.03	40	1760	27	5	<20	169	0.01	<10	33	<10	11	82
9	9346	15	<0.2	0.16	<5	60	<5	0.39	<1	1	53	5	0.75	20	0.09	347	3	0.04	<1	32	93	5	<20	55	<0.01	<10	2	<10	6	61
10	9347	5	1.6	0.21	30	30	<5	5.71	<1	10	52	28	3.92	10	1.15	2882	7	0.05	30	656	426	25	<20	113	0.01	<10	20	<10	10	101
11	9348	260	0.6	0.18	<5	100	<5	2.74	<1	9	51	16	2.65	20	0.52	1418	2	0.04	12	704	186	10	<20	99	<0.01	<10	19	<10	10	81
12	9349	5	<0.2	0.17	<5	210	<5	1.78	<1	6	53	3	1.87	20	0.35	522	2	0.05	8	672	18	<5	<20	72	<0.01	<10	12	<10	8	46
13	9370	>1000	>30	0.49	>10000	30	<5	0.51	<1	51	2377	1692	6.37	<10	0.26	940	20	0.01	1977	3024	>10000	775	<20	19	0.02	<10	26	<10	4	>10000
14	9371	5	0.2	1.21	<5	80	<5	0.90	<1	10	139	22	1.99	<10	0.55	320	1	0.11	29	496	48	<5	<20	35	0.05	<10	46	<10	<1	41
QC DATA:																														
Resplit:																														
1	9338	<5	<0.2	0.24	20	435	<5	2.05	<1	8	74	8	1.71	20	0.42	1170	3	0.05	12	688	18	5	<20	57	<0.01	<10	20	<10	8	41
Repeat:																														
1	9338	<5	<0.2	0.23	25	410	<5	2.06	<1	8	68	7	1.74	20	0.44	1171	4	0.05	11	120	12	10	<20	59	<0.01	<10	20	<10	8	38
10	9347	-	1.7	0.21	10	30	<5	5.45	<1	10	51	28	3.76	10	1.10	2776	6	0.05	22	608	417	15	<20	108	0.01	<10	19	<10	10	97
Standard:																														
GEO '03		145	1.4	1.57	45	165	<5	1.85	<1	18	63	86	3.51	<10	0.84	660	<1	0.03	33	740	22	<5	<20	46	0.04	<10	72	<10	<1	81

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/kk
df/467
XLS/03

22-Oct-03

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2003-475

CME MANAGING CONSULTANTS LTD.
#2130 - 21331 Gordon Way
Richmond, BC
V6W 1J9

No. of samples received: 46
Sample type: Core
Project Name: Skukum
Project #: P56D

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Tl %	U	V	W	Y	Zn
1	9394	15	<0.2	0.20	160	245	<5	2.87	<1	8	62	11	2.03	20	0.82	841	10	0.03	14	710	8	15	<20	127	<0.01	<10	7	<10	6	65
2	9395	30	<0.2	0.22	340	195	<5	2.90	<1	9	73	6	2.06	20	0.82	729	3	0.03	15	660	12	25	<20	128	<0.01	<10	8	<10	6	63
3	9396	220	0.2	0.21	725	150	<5	2.81	<1	9	81	4	2.05	20	0.79	736	3	0.03	16	680	8	25	<20	112	<0.01	<10	8	<10	6	84
4	9397	490	0.4	0.20	885	135	<5	2.56	<1	8	71	4	1.98	20	0.71	716	<1	0.02	12	660	6	15	<20	87	<0.01	<10	7	<10	6	76
5	9398	755	0.2	0.19	620	135	<5	2.53	<1	9	78	3	1.87	20	0.70	639	2	0.02	13	640	6	25	<20	84	<0.01	<10	7	<10	6	96
6	9399	>1000	>30	0.50	>10000	25	<5	0.42	367	53	2221	1774	6.66	10	0.23	845	29	0.01	1914	180	>10000	930	<20	15	<0.01	<10	24	<10	3	>10000
7	9400	<5	<0.2	1.16	5	65	5	0.78	<1	11	123	19	1.96	<10	0.67	286	3	0.09	26	500	38	<5	<20	28	0.10	<10	13	<10	9	50
8	9401	60	0.4	0.20	310	105	<5	2.68	2	8	68	4	1.96	20	0.76	851	<1	0.02	13	730	6	20	<20	75	<0.01	<10	7	<10	6	56
9	9402	200	0.4	0.21	430	115	<5	2.33	2	8	77	4	1.87	20	0.65	632	2	0.02	13	750	6	10	<20	87	<0.01	<10	7	<10	6	55
10	9403	25	<0.2	0.22	230	175	<5	2.65	<1	8	86	4	1.90	20	0.73	766	3	0.03	14	680	4	25	<20	99	<0.01	<10	8	<10	6	55
11	9404	35	<0.2	0.21	300	180	<5	2.74	<1	8	74	3	1.99	20	0.75	658	2	0.03	13	680	4	10	<20	108	<0.01	<10	8	<10	6	53
12	9405	815	0.4	0.27	1410	115	<5	3.02	<1	12	47	6	2.12	10	0.93	1076	<1	0.04	28	640	14	30	<20	141	<0.01	<10	10	<10	7	61
13	9406	430	<0.2	0.22	830	100	<5	2.86	<1	8	74	4	2.07	20	0.75	837	2	0.03	16	660	6	40	<20	119	<0.01	<10	7	<10	6	60
14	9407	>1000	0.4	0.21	1540	90	<5	2.28	<1	9	61	6	2.03	10	0.62	735	1	0.03	14	670	10	95	<20	92	<0.01	<10	6	<10	5	211
15	9408	70	<0.2	0.22	855	155	<5	2.75	<1	8	78	2	1.97	20	0.77	799	4	0.03	16	670	4	35	<20	109	<0.01	<10	7	<10	6	55
16	9409	40	<0.2	0.21	785	125	<5	2.59	<1	9	60	2	1.96	20	0.72	936	<1	0.03	15	680	4	35	<20	111	<0.01	<10	6	<10	6	49
17	9410	>1000	3.0	0.23	9250	60	<5	2.22	11	12	69	41	2.93	10	0.65	1576	8	0.03	22	510	20	150	<20	101	<0.01	<10	7	<10	5	77
18	9411	525	0.3	0.21	1855	125	<5	2.52	19	10	61	3	2.05	20	0.73	682	1	0.03	15	670	8	50	<20	93	<0.01	<10	6	<10	6	73
19	9412	210	<0.2	0.22	1060	130	<5	2.69	2	8	85	2	2.05	20	0.74	1198	3	0.03	15	650	6	40	<20	104	<0.01	<10	7	<10	6	72
20	9413	>1000	8.1	0.23	4925	70	<5	2.70	<1	13	67	28	2.33	<10	0.85	1682	4	0.03	29	570	36	3715	<20	110	<0.01	<10	8	<10	5	658
21	9414	>1000	4.0	0.25	5365	75	<5	2.83	<1	15	69	24	2.68	<10	0.90	1189	3	0.03	35	610	24	635	<20	105	<0.01	<10	10	<10	5	305
22	9415	215	0.5	0.23	390	250	<5	3.00	<1	10	54	24	2.09	10	0.96	983	1	0.03	22	650	8	60	<20	113	<0.01	<10	8	<10	7	52
23	9416	>1000	6.2	0.21	6310	55	<5	1.90	14	14	77	34	2.51	10	0.59	756	5	0.03	30	570	30	1625	<20	83	<0.01	<10	6	<10	5	1079
24	9417	>1000	3.7	0.22	7430	60	<5	2.29	59	15	55	24	2.84	20	0.75	1585	<1	0.03	34	690	14	125	<20	87	<0.01	<10	7	<10	6	84
25	9418	>1000	6.3	0.18	2730	55	<5	1.17	37	10	96	29	2.06	10	0.37	664	7	0.02	19	370	62	955	<20	72	<0.01	<10	4	<10	4	1324
26	9419	>1000	8.8	0.22	2420	70	<5	2.33	14	12	69	20	2.33	10	0.71	1174	4	0.03	30	590	172	355	<20	127	<0.01	<10	7	<10	6	872
27	9420	370	<0.2	0.21	645	235	<5	2.63	<1	8	66	3	1.82	20	0.68	833	2	0.03	13	640	12	55	<20	100	<0.01	<10	5	<10	6	42
28	9421	>1000	0.9	0.21	790	105	<5	1.88	<1	9	57	20	1.72	20	0.48	1000	11	0.03	15	510	24	80	<20	106	<0.01	<10	4	<10	6	43
29	9422	840	0.7	0.16	2125	105	<5	0.44	<1	1	63	2	0.69	<10	0.05	1719	4	0.02	4	60	20	170	<20	60	<0.01	<10	<1	<10	3	86
30	9423	>1000	1.5	0.15	4795	80	<5	0.13	<1	1	49	3	0.85	10	0.02	1209	2	0.02	2	40	56	785	<20	28	<0.01	<10	<1	<10	3	122
31	9424	875	1.2	0.15	2850	85	<5	0.16	3	1	58	5	0.73	10	0.03	1230	3	0.02	2	40	46	1905	<20	28	<0.01	<10	<1	<10	4	177
32	9425	445	0.7	0.14	2025	95	<5	0.22	12	1	63	3	0.70	10	0.05	894	5	0.02	3	70	52	575	<20	31	<0.01	<10	<1	<10	4	153
33	9426	125	1.2	0.16	205	120	<5	1.23	2	5	87	26	1.03	30	0.33	732	14	0.02	9	240	52	115	<20	52	<0.01	<10	2	<10	4	36
34	9427	>1000	1.0	0.16	550	85	<5	1.05	6	6	72	6	1.47	20	0.27	458	2	0.02	7	370	22	320	<20	48	<0.01	<10	2	<10	4	80
35	9428	65	<0.2	0.17	55	215	<5	1.43	<1	4	86	2	1.13	20	0.37	533	3	0.02	9	360	4	30	<20	62	<0.01	<10	3	<10	4	21

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Tl %	U	V	W	Y	Zn
36	9429	5	<0.2	0.20	<5	525	<5	2.34	<1	8	64	2	1.61	20	0.63	686	<1	0.03	11	620	6	10	<20	114	<0.01	<10	7	<10	6	26
37	9430	370	0.4	0.20	600	165	<5	2.14	<1	7	80	3	1.74	20	0.56	772	3	0.03	11	550	8	15	<20	96	<0.01	<10	5	<10	5	30
38	9431	>1000	24.5	0.17	1885	50	<5	0.53	<1	6	120	41	1.26	<10	0.13	392	8	0.02	13	350	180	>10000	<20	54	<0.01	<10	3	<10	4	663
39	9432	375	3.3	0.19	1205	95	<5	2.51	<1	8	64	20	1.75	10	0.66	1677	<1	0.03	12	620	144	>10000	<20	100	<0.01	<10	6	<10	6	101
40	9433	65	<0.2	0.20	160	275	<5	2.45	<1	8	69	1	1.86	20	0.72	1056	2	0.03	12	670	6	30	<20	105	<0.01	<10	7	<10	6	31
41	9434	60	0.2	0.20	125	110	<5	2.24	<1	7	66	4	1.52	30	0.64	916	3	0.03	10	600	4	160	<20	96	<0.01	<10	6	<10	6	38
42	9435	25	<0.2	0.21	250	105	<5	2.40	3	7	72	1	1.84	20	0.68	998	3	0.03	13	670	4	15	<20	83	<0.01	<10	6	<10	6	27
43	9436	105	0.3	0.21	435	75	<5	2.20	3	9	67	3	1.88	20	0.64	910	2	0.03	14	680	8	10	<20	91	<0.01	<10	6	<10	6	30
44	9437	75	0.2	0.20	790	70	<5	2.00	<1	7	65	3	1.56	20	0.56	761	1	0.03	11	540	6	10	<20	77	<0.01	<10	4	<10	5	24
45	9438	460	0.9	0.15	1500	55	<5	0.36	<1	4	70	5	1.04	20	0.10	167	45	0.02	6	230	22	20	<20	35	<0.01	<10	1	<10	4	33
46	9439	<5	<0.2	0.19	65	80	<5	2.35	<1	8	57	3	1.91	10	0.67	1078	2	0.04	13	590	4	<5	<20	99	<0.01	<10	8	<10	8	29
QC DATA:																														
Resplit:																														
1	9394	15	<0.2	0.20	160	255	<5	2.97	<1	9	67	10	2.11	30	0.84	849	9	0.03	15	740	4	25	<20	119	<0.01	<10	7	<10	6	72
36	9429	<5	<0.2	0.22	10	540	<5	2.21	<1	7	70	2	1.54	20	0.60	655	<1	0.03	11	550	4	5	<20	116	<0.01	<10	7	<10	5	23
Repeat:																														
1	9394	10	<0.2	0.21	160	260	<5	2.93	<1	9	62	11	2.07	30	0.85	841	9	0.03	14	730	6	15	<20	123	<0.01	<10	7	<10	6	66
10	9403	20	<0.2	0.21	195	180	<5	2.57	2	8	80	2	1.84	20	0.71	714	2	0.02	13	660	4	25	<20	87	<0.01	<10	7	<10	6	49
19	9412	225	<0.2	0.22	1150	130	<5	2.57	<1	7	80	2	1.94	20	0.69	1157	2	0.03	12	640	6	45	<20	102	<0.01	<10	7	<10	6	71
36	9429	<5	<0.2	0.20	5	495	<5	2.28	<1	7	62	2	1.57	20	0.64	666	<1	0.03	12	570	4	10	<20	114	<0.01	<10	7	<10	6	23
45	9438	-	0.8	0.15	1540	55	<5	0.36	<1	4	71	6	1.06	20	0.10	172	36	0.02	5	240	24	15	<20	35	<0.01	<10	1	<10	4	33
Standard:																														
GEO '03		135	1.5	1.52	50	130	<5	1.61	<1	20	61	78	3.59	<10	0.88	606	<1	0.03	31	760	22	<5	<20	38	0.09	<10	64	<10	9	83
GEO '03		145	1.4	1.54	55	130	<5	1.57	<1	19	59	78	3.50	<10	0.88	595	<1	0.03	30	640	22	<5	<20	41	0.10	<10	61	<10	9	76

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

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Eco Tech Laboratory Ltd.

ASSAYING
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CERTIFICATE OF ASSAY AK 2003-475

CME MANAGING CONSULTANTS LTD.
#2130 - 21331 Gordon Way
Richmond, BC
V6W 1J9

23-Oct-03

No. of samples received: 46
Sample type: Core
Project Name: Skukum
Project #: P56D

ET #.	Tag #	Au (g/t)	Au (oz/t)
6	9399	10.9	0.318
14	9407	2.58	0.075
17	9410	4.67	0.136
20	9413	5.87	0.171
21	9414	5.96	0.174
23	9416	11.9	0.347
24	9417	4.32	0.126
25	9418	6.47	0.189
26	9419	2.87	0.084
28	9421	1.20	0.035
30	9423	1.37	0.040
34	9427	2.84	0.083
38	9431	4.76	0.139
QC DATA:			
Repeat:			
20	9413	7.67	0.224
21	9414	5.99	0.175
23	9416	11.9	0.347
25	9418	6.95	0.203
38	9431	5.10	0.149
Standard:			
PM163		1.62	0.047
PM184		0.58	0.017
PG102		0.08	0.002

JJ/kk
XLS/03

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

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CERTIFICATE OF ASSAY AK 2003-475A

CME MANAGING CONSULTANTS LTD.
#2130 - 21331 Gordon Way
Richmond, BC
V6W 1J9

29-Oct-03

No. of samples received: 46
Sample type: Core
Project Name: Skukum
Project #: P56D

ET #.	Tag #	Au (g/t)	Au (oz/t)
11	9404	0.04	0.001
12	9405	0.85	0.025
13	9406	0.47	0.014
15	9408	0.07	0.002
16	9409	0.06	0.002
18	9411	0.59	0.017
19	9412	0.23	0.007
22	9415	0.24	0.007
27	9420	0.50	0.015
29	9422	0.86	0.025
31	9424	0.90	0.026
32	9425	0.45	0.013
33	9426	0.11	0.003
35	9428	0.07	0.002
36	9429	<0.03	<0.001
37	9430	0.35	0.010
39	9432	0.36	0.010
40	9433	0.06	0.002
41	9434	0.05	0.001
42	9435	<0.03	<0.001

QC DATA:

Standard:

PM163	1.63	0.048

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10041 Dallas Drive
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ICP CERTIFICATE OF ANALYSIS AK 2003-496

CME MANAGING CONSULTANTS LTD.
#2130 - 21331 Gordon Way
Richmond, BC
V6W 1J9

No. of samples received: 28
Sample type: Core
Project Name: Skukum
Project Number: P56D
Submitted By: TV

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Tl %	U	V	W	Y	Zn
1	9350	<5	0.3	0.24	<5	30	<5	1.55	<1	7	58	8	2.17	30	0.37	1184	<1	0.06	12	570	26	<5	<20	147	<0.01	<10	18	<10	20	107
2	9351	15	0.2	0.25	<5	30	<5	1.46	<1	7	62	5	1.79	30	0.36	1159	<1	0.04	10	560	26	<5	<20	128	<0.01	<10	12	<10	17	50
3	9352	<5	0.2	0.26	<5	35	<5	0.89	<1	1	54	5	0.77	20	0.23	441	5	0.03	4	20	13	<5	<20	136	<0.01	<10	1	<10	16	41
4	9353	<5	0.6	0.20	<5	30	<5	0.38	<1	1	78	10	0.68	10	0.12	435	3	0.05	3	10	83	5	<20	75	<0.01	<10	1	<10	12	35
5	9354	<5	<0.2	0.17	<5	15	<5	0.77	<1	<1	50	2	0.65	30	0.06	546	3	0.06	4	20	42	<5	<20	96	<0.01	<10	1	<10	18	37
6	9355	<5	0.5	0.22	<5	35	<5	0.99	<1	2	57	5	0.77	30	0.06	660	21	0.06	5	30	91	5	<20	136	<0.01	<10	2	<10	18	55
7	9356	<5	0.2	0.16	<5	15	<5	0.43	<1	<1	50	3	0.67	30	0.05	422	3	0.06	3	20	39	<5	<20	74	<0.01	<10	1	<10	16	36
8	9357	10	<0.2	0.17	<5	20	<5	0.43	<1	<1	61	2	0.48	10	0.06	290	3	0.05	3	<10	31	<5	<20	70	<0.01	<10	<1	<10	15	21
9	9358	10	0.3	0.16	<5	35	<5	0.67	<1	1	64	4	0.68	10	0.12	720	6	0.07	5	20	34	<5	<20	87	<0.01	<10	2	<10	16	47
10	9359	290	1.1	0.23	115	40	<5	2.31	<1	7	67	23	1.71	20	0.39	3279	8	0.04	11	470	29	5	<20	172	<0.01	20	6	<10	16	78
11	9360	<5	<0.2	0.20	<5	240	<5	1.68	<1	4	65	15	1.26	30	0.34	819	2	0.05	8	360	8	5	<20	105	<0.01	<10	7	<10	9	22
12	9361	5	0.2	0.19	<5	225	<5	2.12	2	6	75	13	1.58	20	0.68	1032	2	0.05	14	460	49	<5	<20	73	<0.01	<10	11	<10	11	133
13	9362	<5	0.7	0.86	<5	70	<5	3.55	6	18	71	34	3.22	20	2.07	1922	1	0.04	58	900	179	<5	<20	80	<0.01	<10	35	<10	13	428
14	9363	10	<0.2	0.19	<5	685	<5	2.15	<1	7	77	10	1.57	20	0.74	746	6	0.05	12	490	10	<5	<20	85	<0.01	<10	10	<10	12	39
15	9364	<5	<0.2	0.34	<5	905	<5	2.00	<1	6	75	6	1.31	30	0.55	464	1	0.05	11	470	8	<5	<20	124	<0.01	<10	11	<10	12	28
16	9365	<5	<0.2	0.39	<5	380	<5	1.51	<1	6	55	7	1.31	30	0.55	409	2	0.05	10	470	5	<5	<20	87	<0.01	<10	17	<10	12	28
17	9366	15	<0.2	0.48	<5	1035	<5	2.24	<1	7	67	6	1.33	30	0.59	533	1	0.05	12	480	8	<5	<20	123	<0.01	<10	13	<10	14	31
18	9367	<5	<0.2	0.50	<5	755	<5	2.05	<1	7	70	10	1.38	30	0.57	595	2	0.05	11	460	10	<5	<20	108	<0.01	<10	17	<10	14	46
19	9368	5	<0.2	1.92	<5	70	<5	2.79	7	13	43	31	3.70	30	1.52	1913	<1	0.07	15	2150	8	<5	<20	151	0.02	<10	50	<10	17	412
20	9369	<5	<0.2	2.17	<5	135	<5	3.40	6	14	46	38	3.77	30	1.61	2057	<1	0.08	14	2260	<2	<5	<20	185	0.02	<10	53	<10	19	419
21	9372	<5	<0.2	2.02	<5	120	<5	3.71	3	13	45	32	3.62	30	1.47	2003	<1	0.08	15	2220	8	<5	<20	216	0.02	<10	48	<10	19	291
22	9373	10	0.2	2.06	<5	90	<5	2.88	2	14	45	20	3.78	30	1.55	1988	<1	0.08	15	2020	23	<5	<20	152	0.02	<10	53	<10	15	243
23	9374	5	<0.2	0.43	<5	495	<5	1.87	<1	7	67	14	1.49	30	0.62	604	2	0.06	12	520	5	<5	<20	95	<0.01	<10	18	<10	14	36
24	9375	<5	<0.2	0.37	<5	785	<5	3.08	<1	7	67	13	1.42	30	0.77	605	2	0.05	14	560	5	<5	<20	142	<0.01	<10	13	<10	16	28
25	9376	5	<0.2	2.66	<5	670	<5	3.56	<1	31	144	35	4.62	30	3.97	1037	<1	0.05	123	1200	<2	<5	<20	167	<0.01	<10	75	<10	10	111
26	9377	<5	<0.2	0.37	<5	830	<5	2.47	<1	8	70	18	1.71	30	0.90	564	2	0.05	15	590	3	<5	<20	139	<0.01	<10	17	<10	14	28
27	9378	15	<0.2	0.40	<5	590	<5	2.35	<1	9	59	16	1.79	30	0.92	606	4	0.05	15	600	8	<5	<20	151	<0.01	<10	22	<10	16	31
28	9449 Std	>1000	>30	0.54	>10000	25	<5	0.39	358	49	2110	1945	6.38	20	0.26	854	30	<0.01	1846	100	>10000	900	<20	18	<0.01	<10	29	<10	<1	>10000
29	9450	<5	<0.2	1.32	15	70	<5	0.72	<1	11	129	21	1.82	<10	0.72	289	6	0.13	27	410	16	<5	<20	37	0.24	<10	27	<10	14	47

QC DATA:

Resplit:

1	9350	<5	0.3	0.26	<5	25	<5	1.59	<1	7	61	8	2.20	30	0.38	1200	2	0.06	13	550	20	5	<20	140	<0.01	<10	18	<10	20	108

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
Repeat:																														
1	9350	<5	0.2	0.26	<5	30	<5	1.59	<1	7	61	9	2.22	30	0.38	1217	<1	0.06	12	550	23	5	<20	144	<0.01	<10	18	<10	19	109
10	9359	305	1.0	0.22	105	40	<5	2.14	<1	7	62	22	1.58	20	0.35	3026	7	0.04	10	420	26	5	<20	159	0.01	20	6	<10	14	70
10	9359	255																												
19	9368	<5	0.2	1.95	<5	75	<5	2.81	7	13	43	31	3.73	30	1.52	1924	<1	0.07	13	2130	8	<5	<20	150	0.02	<10	50	<10	17	416
Standard:																														
GEO '03		135	1.4	1.67	60	130	<5	1.46	<1	19	55	91	3.25	10	0.96	597	1	0.03	29	570	18	<5	<20	47	0.09	<10	63	<10	13	68

ECO TECH LABORATORY LTD.
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6-Nov-03

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ICP CERTIFICATE OF ANALYSIS AK 2003-506

CME MANAGING CONSULTANTS LTD.
#2130 - 21331 Gordon Way
Richmond, BC
V6W 1J9

No. of samples received: 46
Sample type: Core
Project Name: Skukum
Project Number: CP56C

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Tl %	U	V	W	Y	Zn
1	8149	195	20.7	0.89	100	35	10	0.68	39	11	79	432	2.68	20	0.22	272	3	0.01	4	130	792	10	<20	20	<0.01	<10	3	<10	7	1351
2	8150	>1000	>30	0.88	>10000	20	125	0.21	468	45	89	4084	7.99	20	0.34	238	<1	<0.01	<1	420	>10000	45	<20	13	<0.01	<10	8	<10	<1	>10000
3	9379	15	<0.2	0.41	35	1085	<5	2.87	<1	9	83	15	1.93	20	1.01	622	3	0.06	14	690	40	<5	<20	227	<0.01	<10	21	<10	15	45
4	9380	20	<0.2	0.35	<5	705	<5	2.61	<1	8	88	11	1.74	20	0.95	597	2	0.05	14	680	12	<5	<20	187	<0.01	<10	21	<10	14	29
5	9381	15	<0.2	0.62	<5	760	<5	4.27	<1	21	90	20	3.23	20	2.31	934	<1	0.05	53	840	12	<5	<20	269	<0.01	<10	46	<10	10	81
6	9382	20	0.2	0.67	<5	495	<5	4.07	<1	23	93	41	3.58	20	2.53	796	<1	0.07	60	910	12	<5	<20	387	<0.01	<10	61	<10	13	65
7	9383	40	0.2	0.36	20	735	<5	2.92	<1	10	90	35	2.14	20	1.20	777	4	0.06	18	710	84	10	<20	274	<0.01	<10	33	<10	17	47
8	9384	20	<0.2	0.33	<5	1030	<5	2.12	<1	9	91	15	1.99	20	0.86	557	4	0.06	13	630	20	5	<20	256	<0.01	<10	28	<10	15	38
9	9385	25	<0.2	0.34	85	270	<5	2.44	<1	8	99	18	2.01	20	0.94	583	6	0.05	14	620	16	5	<20	171	<0.01	<10	17	<10	10	32
10	9386	35	<0.2	0.36	20	480	<5	2.28	<1	9	84	26	2.00	20	0.96	715	1	0.05	15	730	16	10	<20	196	<0.01	<10	17	<10	11	34
11	9387	20	<0.2	0.50	<5	1090	<5	4.86	<1	23	80	26	3.48	20	2.73	846	<1	0.05	57	800	8	<5	<20	469	<0.01	<10	49	<10	11	66
12	9388	30	0.2	0.53	120	230	<5	4.47	<1	22	67	39	3.49	20	2.42	1054	<1	0.05	53	830	16	5	<20	373	<0.01	<10	48	<10	11	51
13	9389	75	0.5	0.41	165	165	<5	2.59	<1	9	79	29	2.03	20	0.96	850	13	0.05	15	620	108	10	<20	166	<0.01	<10	14	<10	9	55
14	9390	295	1.0	0.45	415	125	<5	3.52	<1	14	74	32	2.43	20	1.30	1983	5	0.04	28	630	88	10	<20	299	<0.01	<10	16	<10	11	121
15	9391	15	0.3	0.46	75	165	<5	4.99	<1	24	61	40	3.71	20	2.64	1107	<1	0.03	57	830	36	<5	<20	369	<0.01	<10	22	<10	9	137
16	9392	15	0.2	0.44	40	250	<5	5.26	<1	22	63	33	3.46	20	2.57	991	<1	0.03	55	730	24	<5	<20	282	<0.01	<10	22	<10	6	125
17	9393	20	<0.2	0.33	10	555	<5	2.72	<1	10	95	4	1.99	20	1.02	602	1	0.04	15	590	36	<5	<20	153	<0.01	<10	12	<10	9	44
18	9440	10	<0.2	0.36	<5	840	<5	2.44	<1	9	93	3	1.96	20	0.90	563	2	0.05	13	630	8	<5	<20	184	<0.01	<10	17	<10	10	39
19	9441	15	<0.2	0.35	5	750	<5	2.50	<1	9	89	3	2.13	20	0.91	633	1	0.04	13	710	8	<5	<20	169	<0.01	<10	15	<10	11	46
20	9442	30	<0.2	0.31	<5	900	<5	2.09	<1	9	87	5	1.87	20	0.78	513	2	0.05	11	640	8	<5	<20	244	<0.01	<10	22	<10	12	33
21	9443	15	<0.2	0.31	<5	910	<5	2.18	<1	8	81	4	1.81	20	0.79	536	1	0.04	11	640	4	<5	<20	163	<0.01	<10	18	<10	10	32
22	9444	20	<0.2	0.31	10	910	<5	2.31	<1	9	80	4	1.91	20	0.81	563	2	0.04	11	660	4	<5	<20	167	<0.01	<10	16	<10	10	37
23	9445	10	<0.2	0.31	<5	745	<5	2.24	<1	7	100	2	1.65	20	0.74	490	1	0.04	11	540	4	<5	<20	124	<0.01	<10	10	<10	10	35
24	9446	15	<0.2	0.35	<5	800	<5	2.47	<1	8	109	3	1.84	20	0.83	549	3	0.05	13	660	8	<5	<20	134	<0.01	<10	11	<10	10	42
25	9447	10	<0.2	0.33	15	835	<5	2.32	<1	9	92	6	1.95	20	0.79	585	<1	0.04	12	660	12	5	<20	134	<0.01	<10	10	<10	8	45
26	9448	10	<0.2	0.36	20	545	<5	2.62	<1	8	106	5	1.75	20	0.83	617	3	0.04	13	630	8	<5	<20	135	<0.01	<10	10	<10	9	38
27	9451	15	<0.2	0.31	50	295	<5	2.22	<1	8	81	3	1.82	20	0.73	715	<1	0.04	12	630	8	<5	<20	121	<0.01	<10	9	<10	9	44
28	9452	115	0.3	0.30	410	145	<5	2.35	<1	8	79	5	1.81	20	0.72	1187	2	0.03	11	610	4	<5	<20	118	<0.01	<10	9	<10	9	40
29	9453	20	<0.2	0.31	45	355	<5	2.43	<1	8	80	3	1.80	20	0.77	851	<1	0.04	13	610	8	<5	<20	129	<0.01	<10	11	<10	10	39
30	9454	45	<0.2	0.37	115	230	<5	2.46	<1	8	98	6	1.82	20	0.77	1025	3	0.04	12	620	<2	<5	<20	124	<0.01	<10	12	<10	10	36
31	9455	155	<0.2	0.32	220	135	<5	2.41	<1	7	91	2	1.86	30	0.75	1031	<1	0.03	13	610	4	5	<20	126	<0.01	<10	10	<10	8	39
32	9456	30	<0.2	0.36	30	225	<5	2.47	<1	8	100	3	1.90	30	0.79	678	3	0.04	12	650	4	5	<20	139	<0.01	<10	11	<10	9	38
33	9457	315	<0.2	0.35	170	270	<5	2.56	<1	8	138	5	1.95	30	0.82	691	<1	0.03	14	670	8	5	<20	123	<0.01	<10	10	<10	10	42
34	9458	165	<0.2	0.32	310	255	<5	2.50	<1	8	91	3	1.87	30	0.78	622	2	0.02	12	620	4	<5	<20	125	<0.01	<10	9	<10	9	45
35	9459	>1000	0.2	0.35	470	205	<5	2.27	<1	8	96	3	1.77	20	0.70	544	2	0.02	11	620	4	10	<20	104	<0.01	<10	9	<10	9	63
36	9460	310	<0.2	0.40	300	150	<5	2.64	<1	8	94	3	2.03	20	0.83	667	3	0.03	13	670	12	10	<20	127	<0.01	<10	13	<10	10	49
37	9461	555	<0.2	0.38	220	175	<5	2.42	<1	8	92	3	1.95	20	0.78	631	2	0.03	13	640	8	10	<20	115	<0.01	<10	10	<10	9	47

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
38	9462	15	<0.2	0.37	80	335	<5	2.45	<1	8	86	3	1.84	20	0.81	565	<1	0.03	12	640	8	10	<20	119	<0.01	<10	10	<10	9	47
39	9463	>1000	0.4	0.36	1375	130	<5	2.79	<1	10	86	7	2.16	20	0.95	674	2	0.02	20	660	8	290	<20	116	<0.01	<10	11	<10	8	85
40	9464	>1000	1.2	0.45	705	90	<5	1.89	<1	8	116	11	1.89	20	0.59	582	5	0.02	12	660	36	550	<20	84	<0.01	<10	8	<10	8	127
41	9465	>1000	0.3	0.48	485	105	<5	2.31	<1	8	128	8	2.05	20	0.70	743	8	0.02	13	630	24	40	<20	90	<0.01	<10	8	<10	7	64
42	9466	375	<0.2	0.41	235	180	<5	2.72	<1	9	89	3	2.05	20	0.82	727	2	0.02	13	670	8	50	<20	106	<0.01	<10	9	<10	8	55
43	9467	30	0.2	0.41	45	425	<5	2.79	<1	8	82	3	1.94	20	0.85	628	<1	0.02	13	660	8	10	<20	143	<0.01	<10	9	<10	7	75
44	9468	40	0.2	0.54	255	260	<5	3.62	<1	15	105	4	2.61	20	1.35	864	14	0.02	29	650	12	10	<20	165	<0.01	<10	18	<10	6	98
45	9469	5	<0.2	1.45	<5	75	5	0.92	<1	11	131	20	1.97	20	0.76	319	4	0.12	26	460	4	<5	<20	40	0.06	<10	15	<10	17	38
46	9470	>1000	>30	0.56	>10000	30	<5	0.39	415	49	2004	1884	6.51	20	0.25	828	29	<0.01	1714	110	>10000	865	<20	16	<0.01	<10	28	<10	<1	>10000
QC DATA:																														
Resplit:																														
1	8149	185	20.1	0.96	115	30	<5	0.79	42	11	93	541	2.87	20	0.24	318	6	<0.01	4	130	776	5	<20	21	<0.01	<10	4	10	8	1506
36	9460	290	<0.2	0.36	300	205	<5	2.51	<1	8	89	3	1.91	20	0.79	641	4	0.02	12	600	28	10	<20	114	<0.01	<10	12	<10	9	47
Repeat:																														
1	8149	205	20.8	0.90	100	35	10	0.69	39	11	80	426	2.69	20	0.22	275	3	<0.01	4	120	800	10	<20	20	<0.01	<10	3	<10	8	1377
10	9386	35	<0.2	0.37	20	515	<5	2.30	<1	10	86	26	2.02	30	0.97	722	2	0.05	15	740	16	10	<20	199	<0.01	<10	18	<10	11	33
19	9441	15	<0.2	0.31	5	720	<5	2.29	<1	9	83	2	1.95	30	0.83	574	<1	0.04	12	640	4	<5	<20	156	<0.01	<10	13	<10	9	42
36	9460	330	<0.2	0.36	280	190	<5	2.46	<1	8	86	3	1.89	20	0.77	622	5	0.02	13	610	8	10	<20	117	<0.01	<10	12	<10	9	46
45	9469	-	<0.2	1.44	10	80	<5	0.91	<1	11	132	21	1.96	10	0.75	316	5	0.12	26	440	148	<5	<20	41	0.07	<10	14	<10	18	43
Standard:																														
GEO '03		140	1.4	1.85	55	135	<5	1.61	<1	20	63	88	3.50	20	0.99	613	<1	0.04	29	660	28	<5	<20	46	0.10	<10	64	<10	11	67
GEO '03		145	1.4	1.75	50	135	<5	1.59	<1	19	56	85	3.27	20	0.94	583	<1	0.03	26	640	24	<5	<20	46	0.11	<10	69	<10	10	65

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/kk
df/501
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Eco Tech Laboratory Ltd.

ASSAYING
GEOCHEMISTRY
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ENVIRONMENTAL TESTING

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CERTIFICATE OF ASSAY AK 2003-506

CME MANAGING CONSULTANTS LTD.
#2130 - 21331 Gordon Way
Richmond, BC
V6W 1J9

6-Nov-03

No. of samples received: 46
Sample type: Core
Project Name: Skukum
Project Number: CP56C

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)	Cu (%)	Pb (%)	Zn (%)
2	8150	32.6	0.951	402	11.72		3.86	2.31
35	9459	3.76	0.110					
39	9463	2.72	0.079					
40	9464	4.04	0.118					
41	9465	1.35	0.039					
46	9470	10.2	0.297	1560	45.49	2.16	2.88	
QC DATA:								
Repeat:								
2	8150	36.5	1.064					
Standard:								
PM163		1.71	0.050					
Pb106				59.2	1.73	0.62	0.54	0.86

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/
XLS/03

7-Nov-03

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2003-514

CME MANAGING CONSULTANTS LTD.
#2130 - 21331 Gordon Way
Richmond, BC
V6W 1J9

No. of samples received: 25
Sample type: Core
Project Name: Skukum
Project Number: P56D
Submitted By:TV

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Tl %	U	V	W	Y	Zn
1	8201	5	0.2	0.14	<5	145	<5	0.39	<1	2	81	5	0.83	20	0.07	248	8	0.04	4	20	16	25	<20	19	<0.01	<10	2	<10	11	26
2	8202	5	<0.2	0.13	<5	180	<5	0.53	<1	2	85	3	0.73	20	0.06	310	7	0.03	4	20	10	<5	<20	21	<0.01	<10	2	<10	11	18
3	8203	35	0.3	0.39	15	265	<5	3.28	9	14	71	18	3.00	30	1.50	3144	2	0.02	21	760	802	<5	<20	110	0.04	<10	22	<10	19	633
4	8204	5	<0.2	0.33	<5	105	<5	3.44	<1	16	55	63	3.11	30	1.19	1159	3	0.02	19	870	14	20	<20	134	0.03	<10	27	<10	22	74
5	8205	45	<0.2	0.63	35	70	<5	2.48	<1	17	77	78	2.91	20	1.15	862	5	0.04	20	680	12	10	<20	572	0.04	<10	49	<10	19	51
6	8206	<5	<0.2	0.25	5	65	<5	2.33	<1	12	75	56	2.08	20	0.69	882	5	0.01	12	370	40	35	<20	92	0.02	<10	10	<10	13	57
7	8207	5	<0.2	0.16	<5	85	<5	0.67	<1	3	104	20	0.86	20	0.20	190	10	0.02	4	20	26	15	<20	25	<0.01	<10	<1	<10	10	14
8	8208	<5	<0.2	0.25	<5	215	<5	1.93	<1	9	76	28	1.51	20	0.43	402	7	0.02	8	450	16	15	<20	78	0.01	<10	7	<10	17	22
9	8209	<5	<0.2	0.27	<5	120	<5	2.55	<1	16	56	40	2.38	30	0.73	576	6	0.01	11	590	24	10	<20	127	0.02	<10	18	<10	17	39
10	8210	5	<0.2	0.29	<5	710	<5	3.27	<1	26	62	49	2.47	20	1.03	1085	7	<0.01	16	700	146	<5	<20	133	0.02	<10	18	<10	16	94
11	8211	5	0.3	0.30	<5	750	<5	3.41	1	14	60	56	2.38	20	0.95	962	31	<0.01	16	920	368	5	<20	140	0.02	<10	17	<10	17	107
12	8212	<5	<0.2	0.52	<5	555	<5	6.09	<1	19	52	31	4.32	40	1.71	1324	1	0.02	27	1540	10	<5	<20	278	0.03	<10	50	<10	27	66
13	8213	<5	<0.2	0.41	<5	1210	<5	5.81	<1	18	48	23	3.84	40	1.68	1399	<1	0.01	24	1200	14	<5	<20	266	0.03	<10	43	<10	27	75
14	8214	5	<0.2	0.46	<5	1175	<5	4.75	<1	17	44	15	3.79	30	1.38	1197	1	<0.01	19	880	20	<5	<20	257	0.03	<10	44	<10	32	78
15	8215	<5	<0.2	0.44	<5	1325	<5	4.46	2	19	47	12	4.32	30	1.46	1512	<1	0.01	18	960	38	<5	<20	343	0.03	<10	50	<10	34	146
16	8216	20	0.2	0.45	<5	1120	<5	3.44	<1	16	57	32	2.89	40	1.11	1050	48	0.02	16	1080	42	15	<20	262	0.02	<10	34	<10	29	75
17	8217	<5	<0.2	0.31	45	720	<5	2.77	<1	11	59	10	1.97	30	0.82	632	5	0.02	14	680	26	<5	<20	177	0.01	<10	18	<10	20	35
18	8218	<5	<0.2	0.36	<5	530	<5	2.58	<1	9	74	5	1.91	30	0.63	634	3	0.02	13	650	8	<5	<20	141	0.01	<10	18	<10	17	29
19	8219	5	<0.2	0.34	<5	550	<5	2.53	<1	8	64	3	1.68	30	0.69	697	2	0.02	12	690	14	<5	<20	163	0.01	<10	18	<10	18	39
20	8220	15	<0.2	0.30	<5	780	<5	2.63	<1	7	76	5	1.78	30	0.76	854	4	0.03	13	650	24	<5	<20	204	0.02	<10	24	<10	18	50
21	8221	10	<0.2	0.30	<5	745	<5	2.86	<1	8	69	3	1.79	20	0.75	594	1	0.03	14	640	10	<5	<20	187	0.01	<10	20	<10	19	30
22	8222	15	<0.2	0.40	<5	1175	<5	3.55	<1	9	79	6	2.07	30	0.89	749	6	0.03	14	670	10	<5	<20	230	0.02	<10	18	<10	20	40
23	8223	5	<0.2	0.29	<5	1065	<5	3.76	<1	9	65	7	2.41	30	1.13	838	4	0.04	17	670	16	<5	<20	340	0.02	<10	18	<10	22	51
24	08249 Std	>1000	>30	0.51	>10000	15	<5	0.42	564	55	2336	1727	6.80	20	0.24	894	36	<0.01	2052	150	>10000	975	<20	13	0.06	<10	23	210	<1	>10000
25	08250	<5	<0.2	1.25	<5	70	<5	0.81	<1	10	123	19	1.98	<10	0.70	306	1	0.09	28	460	18	<5	<20	28	0.07	<10	48	<10	16	47
QC DATA:																														
Resplit:																														
1	8201	5	<0.2	0.13	<5	145	<5	0.39	<1	2	79	4	0.85	20	0.06	247	8	0.04	4	20	12	<5	<20	18	<0.01	<10	2	<10	11	19
Repeat:																														
1	8201	5	<0.2	0.14	<5	155	<5	0.41	<1	2	87	5	0.86	20	0.07	257	8	0.04	4	20	16	30	<20	19	<0.01	<10	2	<10	11	20
10	8210	<5	<0.2	0.27	<5	625	<5	2.83	1	23	56	47	2.15	20	0.88	946	7	<0.01	13	600	122	<5	<20	112	0.02	<10	16	<10	13	88
19	8219	-	<0.2	0.33	<5	540	<5	2.50	<1	8	65	3	1.68	30	0.68	689	2	0.02	13	700	18	<5	<20	160	0.01	<10	18	<10	18	40

CM NAG ONS NTS CP ICAT ANAL AK 2 4 EC LAB ORY

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
Standard:																														
GEO '03		135	1.5	1.68	60	145	<5	1.63	<1	20	63	84	3.63	<10	0.95	638	<1	0.02	31	660	20	<5	<20	54	0.07	<10	76	<10	10	80

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/kk
df/514
XLS/03

12-Nov-03

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
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ICP CERTIFICATE OF ANALYSIS AK 2003-520

CME MANAGING CONSULTANTS LTD.
#2130 - 21331 Gordon Way
Richmond, BC
V6W 1J9

No. of samples received: 42
Sample type: Core
Project Name: Skukum
Project Number: P56D
Submitted By: TV

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	9471	5	<0.2	1.97	<5	370	<5	3.45	<1	24	65	12	4.54	40	1.95	1511	<1	0.04	18	1020	54	<5	<20	86	0.04	<10	114	<10	32	145
2	9472	<5	<0.2	1.86	<5	415	<5	3.08	<1	22	73	10	4.38	40	1.74	1295	4	0.04	17	1030	14	<5	<20	83	0.04	<10	106	<10	27	138
3	9473	<5	<0.2	1.82	<5	335	<5	3.63	1	22	68	13	4.19	30	1.69	2212	<1	0.04	19	950	64	<5	<20	91	0.05	<10	102	<10	26	199
4	9474	5	0.3	2.15	30	615	<5	4.60	3	20	67	21	4.10	30	1.53	3839	1	0.02	20	850	316	10	<20	81	0.05	<10	61	<10	19	433
5	9475	5	0.3	2.19	<5	470	5	4.54	18	19	84	14	3.87	30	1.79	5516	2	0.02	21	720	1104	<5	<20	115	0.07	<10	67	<10	19	980
6	9476	<5	0.2	2.49	<5	280	<5	3.97	4	23	81	10	4.57	40	2.10	5079	<1	0.03	21	1030	460	<5	<20	53	0.07	<10	88	<10	25	548
7	9477	<5	<0.2	2.16	<5	200	<5	4.23	<1	22	68	6	4.17	40	1.92	2666	<1	0.03	20	980	56	<5	<20	105	0.05	<10	90	<10	28	224
8	9478	<5	<0.2	2.15	<5	310	<5	3.67	2	23	71	10	4.39	30	1.97	3409	<1	0.03	20	920	172	<5	<20	87	0.07	<10	101	<10	26	321
9	9479	5	<0.2	1.86	<5	260	<5	4.21	<1	23	59	8	4.24	30	1.75	1585	<1	0.04	19	1010	22	<5	<20	126	0.05	<10	111	<10	32	174
10	9480	60	<0.2	1.95	<5	295	<5	3.57	1	24	64	9	4.39	30	1.86	2198	<1	0.05	18	970	134	<5	<20	104	0.07	<10	118	<10	26	193
11	9481	<5	<0.2	2.11	<5	310	<5	3.03	<1	26	64	9	4.60	30	2.17	2247	<1	0.06	19	950	26	<5	<20	80	0.08	<10	124	<10	24	204
12	9482	<5	<0.2	2.75	<5	285	<5	5.21	<1	30	63	5	5.25	40	2.71	2869	<1	0.03	26	1040	22	<5	<20	125	0.05	<10	113	<10	31	286
13	9483	5	0.2	2.26	<5	405	<5	3.51	1	28	60	40	4.89	40	2.11	3156	<1	0.04	21	980	108	<5	<20	94	0.07	<10	114	<10	24	324
14	9484	5	<0.2	1.68	<5	345	<5	3.44	<1	27	52	26	4.86	30	1.88	1761	<1	0.04	21	1010	14	<5	<20	187	0.06	<10	117	<10	29	174
15	9485	5	<0.2	1.33	<5	340	<5	2.73	2	25	47	19	4.46	30	1.34	1153	<1	0.04	17	1120	12	<5	<20	162	0.05	<10	113	<10	26	210
16	9486	<5	<0.2	1.30	<5	230	<5	4.07	<1	23	47	3	4.02	30	2.03	2110	<1	0.03	28	1320	18	<5	<20	127	0.04	<10	61	<10	24	197
17	9487	5	<0.2	1.43	<5	325	<5	3.84	<1	24	51	4	4.08	40	2.11	1551	<1	0.05	28	1320	20	<5	<20	96	0.04	<10	77	<10	32	140
18	9488	10	<0.2	0.71	<5	320	<5	4.49	<1	21	46	11	3.83	40	1.70	1575	<1	0.03	24	1360	14	<5	<20	77	0.03	<10	46	<10	31	106
19	9489	520	0.3	0.38	170	100	<5	5.92	1	19	58	14	3.63	30	1.98	2429	4	0.01	27	1150	46	<5	<20	99	0.04	<10	22	<10	26	105
20	9490	<5	<0.2	0.33	<5	70	<5	5.03	<1	16	55	12	3.37	30	1.75	1452	3	0.02	19	870	12	<5	<20	122	0.03	<10	35	<10	31	100
21	9491	5	<0.2	0.36	<5	630	<5	4.17	<1	15	55	8	3.13	40	1.39	1442	1	0.03	17	1010	20	<5	<20	124	0.03	<10	39	<10	29	117
22	9492	5	0.3	0.37	<5	200	<5	3.50	1	16	58	40	3.84	30	1.11	1761	2	0.02	15	980	212	20	<20	140	0.03	<10	23	<10	25	174
23	9493	<5	<0.2	0.34	<5	760	<5	3.78	2	15	52	22	3.11	40	1.10	1759	<1	0.02	15	930	194	10	<20	180	0.03	<10	25	<10	25	215
24	9494	5	<0.2	0.38	20	550	<5	3.14	<1	11	68	5	2.09	30	0.80	797	2	0.02	16	1010	36	<5	<20	193	0.02	<10	14	<10	22	55
25	9495	<5	0.2	0.41	10	180	<5	2.91	<1	12	76	11	2.52	40	0.79	760	1	<0.01	15	950	28	10	<20	147	0.02	<10	24	<10	22	41
26	9496	5	0.2	0.34	70	340	<5	3.28	<1	17	78	17	2.06	30	0.92	814	3	0.01	16	740	14	<5	<20	164	0.02	<10	14	<10	21	31
27	9497	<5	<0.2	0.36	<5	55	<5	2.69	<1	8	98	5	2.11	30	0.65	632	2	0.02	12	820	6	<5	<20	127	0.02	<10	19	<10	21	26
28	9498	5	<0.2	0.33	<5	55	<5	2.92	<1	9	81	6	2.17	30	0.73	666	5	0.02	14	820	6	<5	<20	153	0.02	<10	22	<10	22	27
29	9499	>1000	>30	0.53	>10000	45	<5	0.44	653	58	2438	1699	7.06	30	0.24	916	33	<0.01	2174	120	>10000	980	<20	13	0.05	<10	23	<10	<1	>10000
30	9500	<5	<0.2	1.24	5	80	<5	0.84	<1	11	123	18	2.04	10	0.70	315	<1	0.09	30	500	24	5	<20	25	0.09	<10	49	<10	18	44
31	9501	<5	0.4	0.36	35	220	<5	1.03	<1	10	54	24	1.25	20	0.28	293	16	<0.01	10	710	32	15	<20	85	<0.01	30	6	<10	15	43
32	9502	5	0.5	0.34	20	400	<5	3.03	1	10	79	24	2.05	30	0.77	958	23	<0.01	15	710	112	10	<20	134	0.02	<10	8	<10	19	68
33	9503	<5	<0.2	0.33	25	525	<5	2.36	<1	10	65	13	2.03	30	0.60	682	6	<0.01	12	820	16	<5	<20	112	0.01	<10	9	<10	18	52
34	9504	<5	<0.2	0.36	25	385	<5	2.52	<1	10	83	8	2.03	30	0.65	784	11	0.01	14	850	22	<5	<20	105	0.02	<10	12	<10	20	43
35	9505	<5	<0.2	0.34	<5	625	<5	2.48	<1	8	79	11	1.80	30	0.62	819	8	0.01	12	800	36	<5	<20	101	0.02	<10	11	<10	20	46
36	9506	5	<0.2	0.36	<5	285	<5	2.22	<1	8	63	6	1.78	30	0.58	569	4	0.02	12	760	10	<5	<20	129	0.01	<10	15	<10	19	32
37	9507	5	<0.2	0.34	<5	1070	<5	2.57	<1	11	68	5	2.80	30	0.52	671	6	0.02	12	830	20	<5	<20	124	0.02	<10	12	<10	18	56

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
38	9508	<5	<0.2	0.50	<5	235	<5	1.86	<1	10	27	7	2.38	20	0.54	518	<1	<0.01	11	1550	18	<5	<20	126	0.01	<10	15	<10	22	57
39	9509	<5	<0.2	0.35	<5	920	<5	4.00	<1	12	68	5	2.84	30	0.98	1068	5	0.02	17	700	16	<5	<20	193	0.02	<10	15	<10	21	52
40	9510	<5	<0.2	0.37	<5	270	<5	2.33	<1	8	70	6	1.89	40	0.61	595	3	0.02	11	780	12	<5	<20	133	0.01	<10	16	<10	20	33
41	9511	5	<0.2	0.33	<5	1020	<5	2.94	<1	10	75	7	1.98	40	0.70	655	6	0.02	14	750	10	<5	<20	167	0.01	<10	18	<10	21	39
42	9512	5	<0.2	0.28	<5	160	<5	2.08	<1	7	73	7	1.68	40	0.50	491	6	0.02	12	650	16	<5	<20	157	0.01	<10	21	<10	19	27
QC DATA:																														
Resplit:																														
1	9471	<5	<0.2	2.00	<5	395	<5	3.29	<1	24	63	13	4.56	40	1.98	1489	<1	0.05	20	1040	28	<5	<20	82	0.04	<10	114	<10	30	133
36	9506	<5	<0.2	0.29	<5	175	<5	3.05	<1	8	71	6	1.89	40	0.43	747	5	0.02	14	700	10	<5	<20	147	0.02	<10	17	<10	22	27
Repeat:																														
1	9471	5	<0.2	2.02	<5	380	<5	3.53	<1	24	67	13	4.63	40	1.99	1538	1	0.04	20	1040	54	<5	<20	87	0.04	<10	117	<10	32	143
10	9480	45	<0.2	1.93	<5	300	<5	3.56	1	23	62	9	4.37	30	1.84	2179	<1	0.05	18	940	136	<5	<20	101	0.07	<10	117	<10	27	193
19	9489	540	0.3	0.39	175	120	<5	5.89	2	19	59	14	3.62	30	1.96	2416	3	0.01	28	1120	46	<5	<20	99	0.04	<10	22	<10	26	105
36	9506	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Standard:																														
GEO '03		145	1.6	1.72	55	155	<5	1.73	<1	22	67	82	3.83	<10	0.98	673	<1	0.02	35	750	20	<5	<20	48	0.10	<10	78	<10	10	78
GEO '03		135	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/lh
df/514
XLS/03

14-Nov-03

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
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Phone: 250-573-5700
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ICP CERTIFICATE OF ANALYSIS AK 2003-530

CME MANAGING CONSULTANTS LTD.
#2130 - 21331 Gordon Way
Richmond, BC
V6W 1J9

No. of samples received: 98
Sample type: Core
Project Name: Skukum
Project Number: P56D
Submitted By: TV

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Tl %	U	V	W	Y	Zn
1	9513	<5	<0.2	0.25	<5	50	<5	0.91	<1	2	72	3	0.72	10	0.24	306	3	0.04	6	50	10	<5	<20	107	<0.01	<10	3	<10	20	21
2	9514	5	<0.2	0.23	<5	90	<5	2.92	<1	7	57	10	1.83	20	0.90	728	4	0.03	13	610	26	<5	<20	203	0.02	<10	8	<10	13	30
3	9515	10	<0.2	0.52	<5	130	<5	2.72	<1	9	73	7	2.26	30	0.98	816	2	0.05	16	690	10	<5	<20	150	0.02	<10	26	<10	21	34
4	9516	<5	<0.2	0.64	<5	500	<5	2.23	<1	9	81	9	2.01	20	0.93	872	2	0.04	18	640	28	<5	<20	153	0.02	<10	19	<10	16	64
5	9517	<5	0.2	3.17	<5	800	<5	5.26	1	35	172	35	5.26	20	4.23	2517	<1	0.03	116	1080	44	<5	<20	267	0.05	<10	77	<10	18	189
6	9518	5	<0.2	0.43	<5	645	<5	2.60	<1	9	86	6	1.92	20	0.89	999	3	0.04	16	590	16	<5	<20	174	0.02	<10	12	<10	14	60
7	9519	10	<0.2	0.37	20	470	<5	3.27	<1	8	58	6	2.03	20	1.01	987	<1	0.03	14	650	14	<5	<20	181	0.02	<10	18	<10	15	56
8	9520	<5	<0.2	0.29	<5	455	<5	2.51	<1	7	66	4	1.78	20	0.79	797	2	0.03	12	630	12	<5	<20	201	0.02	<10	18	<10	19	36
9	9521	70	1.0	0.30	1690	35	<5	1.64	<1	15	98	18	2.13	10	0.53	471	15	0.01	14	500	62	10	<20	159	0.02	<10	6	<10	12	49
10	9522	<5	<0.2	0.35	<5	390	<5	1.89	<1	8	67	6	1.80	30	0.60	529	2	0.04	12	630	4	<5	<20	167	0.01	<10	20	<10	20	29
11	9523	<5	<0.2	1.34	<5	160	<5	3.97	<1	15	28	5	4.60	30	1.10	1110	<1	0.05	16	1570	28	<5	<20	404	0.04	<10	28	<10	21	89
12	9524	15	<0.2	0.30	100	530	<5	2.37	<1	7	71	5	1.83	20	0.68	548	3	0.03	12	630	8	<5	<20	167	0.01	<10	10	<10	17	33
13	9525	25	<0.2	0.25	50	135	<5	3.17	<1	8	73	6	2.00	20	0.94	1067	3	0.01	15	640	12	<5	<20	102	0.02	<10	8	<10	11	66
14	9526	15	<0.2	0.24	<5	390	<5	2.17	<1	7	58	6	1.84	30	0.61	510	3	0.04	11	660	6	<5	<20	143	0.01	<10	17	<10	20	26
15	9527	10	<0.2	0.27	95	305	<5	2.48	<1	9	73	13	2.06	20	0.75	659	2	0.05	13	670	12	<5	<20	159	0.02	<10	14	<10	18	34
16	9528	15	0.2	0.29	20	105	<5	3.02	<1	9	75	16	2.29	20	0.92	789	3	0.04	15	710	20	10	<20	134	0.02	<10	10	<10	14	52
17	9619	5	0.3	0.23	30	105	<5	1.74	<1	5	117	14	1.37	10	0.39	777	5	0.03	9	410	28	15	<20	76	0.01	<10	3	<10	11	109
18	9620	20	0.5	0.24	455	25	<5	1.91	<1	7	93	6	1.60	<10	0.51	866	16	0.02	11	420	50	30	<20	67	0.02	<10	3	<10	9	48
19	9621	50	0.2	0.22	130	35	<5	1.43	2	2	111	4	0.71	<10	0.23	844	4	0.02	7	150	36	25	<20	88	0.01	<10	1	<10	9	111
20	9622	290	0.4	0.17	1000	65	<5	0.17	<1	<1	114	8	0.74	<10	0.05	328	6	0.01	4	30	32	20	<20	29	<0.01	<10	<1	<10	7	192
21	9623	>1000	1.6	0.35	1300	75	<5	2.35	<1	9	150	21	2.12	10	0.67	1507	6	0.05	18	500	48	45	<20	139	0.02	<10	4	<10	13	264
22	9624	520	0.8	0.29	1165	50	<5	4.77	<1	20	86	36	3.12	<10	1.71	2522	4	0.03	65	750	22	45	<20	151	0.04	<10	11	<10	12	188
23	9625	>1000	0.8	0.29	920	55	<5	2.22	<1	9	85	9	1.42	10	0.45	1083	5	0.04	17	450	32	35	<20	96	0.02	<10	4	<10	10	79
24	9626	5	<0.2	0.20	<5	380	<5	1.99	<1	5	118	3	1.19	10	0.46	562	3	0.03	10	340	8	<5	<20	57	0.01	<10	3	<10	8	21
25	9627	20	<0.2	0.26	<5	495	<5	1.96	<1	5	108	2	1.11	20	0.43	477	2	0.03	9	330	2	<5	<20	76	<0.01	<10	3	<10	9	19
26	9628	10	<0.2	2.20	20	325	5	3.58	<1	28	172	17	5.46	20	2.64	1004	<1	0.26	30	2960	4	15	<20	468	0.10	<10	130	<10	28	89
27	9629	25	<0.2	0.27	10	365	<5	1.80	<1	5	105	3	1.16	10	0.47	426	2	0.03	8	340	4	5	<20	64	<0.01	<10	3	<10	9	18
28	9630	15	<0.2	0.39	25	390	<5	2.44	<1	8	109	9	1.69	10	0.73	536	5	0.04	17	480	14	10	<20	115	0.01	<10	7	<10	12	34
29	9631	15	<0.2	0.26	5	450	<5	2.58	<1	8	112	5	1.74	10	0.87	579	3	0.04	17	460	8	<5	<20	86	0.01	<10	6	<10	11	30
30	9632	5	<0.2	0.36	<5	675	<5	3.91	<1	18	105	16	2.73	10	1.74	893	3	0.04	46	630	10	10	<20	257	0.02	<10	12	<10	11	84
31	9633	295	<0.2	0.29	60	265	<5	2.11	<1	8	123	3	1.61	10	0.60	505	3	0.03	12	440	10	<5	<20	81	0.01	<10	6	<10	10	26
32	9634	5	<0.2	0.24	<5	285	<5	2.22	<1	7	110	1	1.48	10	0.62	554	3	0.03	11	460	4	<5	<20	70	0.01	<10	6	<10	9	22
33	9635	20	<0.2	0.28	25	185	<5	2.42	<1	8	95	7	1.72	10	0.76	703	2	0.03	13	530	4	<5	<20	79	0.02	<10	7	<10	9	36
34	9636	30	0.4	0.42	75	190	<5	5.81	12	30	76	134	4.35	<10	3.10	1839	2	0.03	92	920	12	65	<20	225	0.04	<10	21	<10	10	736
35	9637	50	<0.2	0.27	65	125	<5	2.45	<1	8	102	6	1.84	<10	0.75	781	2	0.03	14	530	4	5	<20	66	0.02	<10	6	<10	9	28
36	9638	25	<0.2	0.29	15	215	<5	2.45	<1	8	95	11	1.77	10	0.74	730	2	0.03	12	510	2	10	<20	82	0.02	<10	7	<10	9	25

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
37	9639	30	<0.2	0.35	35	165	<5	3.61	<1	16	94	22	2.55	10	1.59	1411	1	0.03	38	580	4	15	<20	139	0.03	<10	14	<10	9	79
38	9640	10	<0.2	0.30	50	205	<5	2.48	<1	9	91	13	1.78	10	0.80	590	2	0.03	12	510	4	5	<20	89	0.01	<10	6	<10	9	27
39	9641	80	<0.2	0.45	145	80	<5	2.30	<1	9	124	25	1.74	<10	0.69	616	9	0.03	13	440	12	20	<20	114	0.01	<10	5	<10	8	25
40	9642	60	<0.2	0.53	170	80	<5	2.36	<1	8	106	4	1.86	<10	0.68	633	4	0.03	14	520	14	10	<20	108	0.02	<10	7	<10	10	26
41	9643	>1000	1.5	0.30	1485	60	<5	1.97	1	8	116	13	1.83	<10	0.46	1036	4	0.02	13	470	250	100	<20	98	0.02	<10	4	<10	9	362
42	9644	>1000	2.5	0.35	2600	70	<5	3.71	<1	14	63	35	2.23	<10	0.97	2079	8	0.03	37	500	100	2455	<20	153	0.03	<10	9	<10	10	187
43	9645	590	>30	0.29	1565	60	<5	2.99	7	11	94	115	2.16	<10	0.76	2357	9	0.02	19	540	656	625	<20	104	0.03	<10	6	<10	9	873
44	9646	385	5.3	0.26	1285	85	<5	2.79	<1	8	113	30	1.90	<10	0.74	2146	10	0.02	13	540	200	150	<20	91	0.03	<10	5	<10	8	125
45	9647	635	1.2	0.29	1140	100	<5	2.57	<1	9	106	7	1.92	<10	0.71	1371	3	0.02	13	530	10	15	<20	103	0.02	<10	5	<10	8	107
46	9648	140	<0.2	0.26	270	95	<5	2.53	<1	7	111	2	1.81	<10	0.73	688	2	0.02	13	550	<2	5	<20	93	0.02	<10	6	<10	8	55
47	9649	>1000	>30	0.53	>10000	20	<5	0.42	412	57	2929	1833	7.15	<10	0.25	869	34	<0.01	1883	100	>10000	890	<20	15	0.07	10	22	<10	<1	>10000
48	9650	<5	<0.2	1.28	5	70	5	0.83	<1	11	171	19	1.97	<10	0.71	304	<1	0.10	25	380	6	<5	<20	30	0.08	<10	48	<10	17	45
49	9751	270	<0.2	0.37	235	85	<5	2.58	<1	8	86	4	1.90	20	0.76	714	3	0.01	12	650	4	<5	<20	117	0.02	<10	7	<10	9	75
50	9752	>1000	0.4	0.43	1360	75	<5	2.37	<1	8	67	3	1.83	30	0.66	618	1	0.01	12	640	6	<5	<20	130	0.01	<10	6	<10	9	73
51	9753	55	<0.2	0.27	560	125	<5	2.56	<1	8	83	2	1.85	20	0.75	683	3	0.01	14	660	4	5	<20	101	0.02	<10	6	<10	8	227
52	9754	140	<0.2	0.28	780	130	<5	2.98	<1	9	74	3	2.08	20	0.91	741	2	0.02	19	640	4	<5	<20	127	0.02	<10	7	<10	9	61
53	9755	170	0.3	0.35	170	110	<5	2.42	<1	9	72	6	1.88	20	0.75	710	5	0.02	14	660	12	10	<20	117	0.02	<10	7	<10	8	85
54	9756	225	2.8	0.31	55	235	<5	2.74	2	8	71	6	1.92	20	0.79	702	5	0.02	13	630	18	15	<20	115	0.02	<10	6	<10	7	88
55	9757	590	0.2	0.27	95	230	<5	2.34	<1	8	87	4	1.67	20	0.63	512	3	0.02	11	630	2	5	<20	95	0.01	<10	5	<10	7	49
56	9758	385	<0.2	0.25	250	90	<5	2.27	4	7	84	5	1.84	20	0.62	680	8	0.01	11	590	6	5	<20	87	0.01	<10	5	<10	7	323
57	9759	75	<0.2	0.29	95	185	<5	2.45	<1	8	63	3	1.65	30	0.67	591	8	0.02	12	640	6	5	<20	112	0.01	<10	5	<10	9	56
58	9760	<5	<0.2	0.24	140	280	<5	2.69	<1	7	72	2	1.73	20	0.76	574	2	0.02	13	600	4	<5	<20	88	0.01	<10	4	<10	9	50
59	9761	5	<0.2	0.23	65	315	<5	2.72	<1	7	78	2	1.72	20	0.80	597	3	0.02	12	610	4	<5	<20	91	0.01	<10	5	<10	8	44
60	9762	10	<0.2	0.27	155	205	<5	2.99	<1	8	79	2	1.95	30	0.93	614	2	0.02	15	660	4	<5	<20	113	0.02	<10	6	<10	8	47
61	9763	10	<0.2	0.47	85	275	<5	5.81	<1	22	54	3	3.57	10	2.47	923	<1	0.02	56	830	8	<5	<20	240	0.03	<10	17	<10	6	105
62	9764	30	<0.2	0.48	400	220	<5	5.22	<1	18	60	2	3.01	20	2.08	842	<1	0.02	45	740	8	<5	<20	243	0.02	<10	15	<10	7	87
63	9765	5	<0.2	0.43	170	230	<5	5.47	<1	21	62	2	3.54	10	2.24	964	<1	0.02	50	810	6	<5	<20	218	0.03	<10	15	<10	6	101
64	9766	<5	<0.2	0.26	135	370	<5	3.03	<1	8	88	7	1.88	30	0.99	590	2	0.02	15	590	4	<5	<20	112	0.02	<10	7	<10	7	49
65	9767	5	<0.2	0.31	110	145	<5	4.11	<1	12	74	5	2.46	20	1.42	842	3	0.02	27	610	4	<5	<20	147	0.02	<10	11	<10	8	69
66	9768	5	<0.2	0.31	640	155	<5	5.61	<1	22	53	6	3.87	10	2.24	1401	<1	0.01	57	760	8	<5	<20	170	0.03	<10	16	<10	5	127
67	9769	45	<0.2	0.26	435	75	<5	2.86	<1	10	62	7	1.90	20	0.89	664	5	0.02	17	630	4	<5	<20	110	0.02	<10	7	<10	8	55
68	9770	55	0.2	0.41	6095	55	<5	5.26	<1	21	45	6	3.76	10	1.84	1190	<1	0.01	43	1250	10	<5	<20	182	0.03	<10	18	<10	8	95
69	9771	20	<0.2	0.21	625	95	<5	2.40	<1	8	68	4	1.67	20	0.71	599	8	0.01	13	530	4	<5	<20	78	0.01	<10	5	<10	9	40
70	9772	115	1.3	0.26	585	170	<5	2.57	<1	8	61	4	1.77	20	0.78	918	2	0.02	14	570	10	<5	<20	103	0.02	<10	6	<10	7	58
71	9773	25	0.2	0.21	130	190	<5	2.64	<1	8	70	6	1.83	20	0.82	669	2	0.03	13	630	4	<5	<20	79	0.02	<10	6	<10	9	38
72	9774	985	1.5	0.26	680	65	<5	2.07	3	8	84	14	1.87	20	0.65	852	3	0.02	14	580	42	5	<20	60	0.02	<10	4	<10	7	288
73	9775	250	0.2	0.27	175	185	<5	2.61	<1	11	77	22	1.95	20	1.02	823	4	0.02	26	710	20	10	<20	111	0.02	<10	8	<10	8	68
74	9776	20	<0.2	0.23	10	525	<5	2.46	<1	9	58	5	1.85	30	0.85	600	1	0.03	13	670	8	<5	<20	123	0.01	<10	14	<10	12	33
75	9777	35	<0.2	0.22	10	455	<5	2.59	<1	8	62	4	1.81	20	0.86	815	2	0.03	13	670	4	<5	<20	81	0.02	<10	9	<10	10	30
76	9778	210	2.3	0.35	105	130	<5	5.35	2	19	46	28	3.41	10	2.09	2543	1	0.02	50	1010	70	10	<20	307	0.04	<10	16	<10	12	222
77	9779	190	0.5	0.25	170	120	<5	2.89	<1	9	70	6	2.04	20	0.91	1053	3	0.02	14	700	6	<5	<20	91	0.02	<10	7	<10	9	34
78	9780	100	1.4	0.28	90	185	<5	2.06	<1	8	57	23	1.90	20	0.70	757	3	0.03	13	680	4	10	<20	143	0.02	<10	13	<10	13	33
79	9781	15	<0.2	0.25	10	570	<5	2.52	<1	9	63	6	1.85	30	0.84	611	2	0.03	13	700	4	<5	<20	121	0.01	<10	16	<10	14	28
80	9782	90	<0.2	0.25	55	390	<5	2.45	<1	9	73	11	1.99	20	0.84	663	3	0.03	13	700	6	5	<20	128	0.02	<10	15	<10	14	28
81	9783	15	<0.2	0.24	5	415	<5	2.91	<1	9	63	9	1.96	30	0.96	636	3	0.03	15	680	4	<5	<20	124	0.02	<10	13	<10	12	30

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
82	9784	20	<0.2	0.25	25	325	<5	2.25	<1	9	62	10	1.90	30	0.81	586	3	0.03	13	710	8	<5	<20	151	0.02	<10	17	<10	14	32
83	9785	10	<0.2	0.27	<5	655	<5	2.53	<1	8	77	12	1.83	20	0.86	644	2	0.04	15	660	4	<5	<20	130	0.03	<10	13	<10	8	35
84	9786	10	<0.2	0.26	<5	490	<5	2.08	<1	8	67	6	1.84	30	0.75	541	3	0.04	14	680	6	<5	<20	136	0.03	<10	18	<10	10	33
85	9787	15	<0.2	0.22	20	390	<5	2.19	<1	7	66	6	1.83	30	0.75	570	9	0.04	12	650	10	<5	<20	137	0.03	<10	15	<10	9	43
86	9788	10	<0.2	0.20	50	520	<5	2.48	<1	8	63	16	1.89	30	0.82	656	2	0.03	14	650	6	<5	<20	122	0.03	<10	11	<10	8	42
87	9789	115	1.3	0.21	75	185	<5	2.37	8	10	60	47	2.01	20	0.84	905	2	0.03	16	720	24	10	<20	101	0.04	<10	11	<10	7	320
88	9790	175	2.7	0.33	185	45	<5	5.13	2	27	60	47	4.53	10	2.62	4993	3	0.03	70	1190	96	<5	<20	209	0.12	<10	22	<10	8	301
89	9791	30	0.5	0.20	10	405	<5	1.86	<1	5	68	6	1.38	30	0.57	752	2	0.03	10	460	4	<5	<20	94	0.03	<10	7	<10	6	24
90	9792	30	0.2	0.23	10	460	<5	2.36	<1	7	64	3	1.69	20	0.72	686	2	0.03	11	610	4	<5	<20	121	0.03	<10	12	<10	8	23
91	9793	35	0.2	0.14	20	165	<5	0.43	<1	2	84	3	0.53	20	0.13	231	4	0.02	3	50	4	<5	<20	24	<0.01	<10	1	<10	3	6
92	9794	10	<0.2	0.23	<5	435	<5	2.05	<1	7	72	5	1.67	30	0.64	566	4	0.03	12	630	4	<5	<20	104	0.03	<10	13	<10	8	27
93	9795	5	<0.2	0.24	<5	545	<5	2.21	<1	7	68	5	1.57	30	0.69	564	3	0.04	12	600	4	<5	<20	140	0.03	<10	16	<10	9	23
94	9796	5	<0.2	0.22	<5	495	<5	2.52	<1	7	72	2	1.63	20	0.79	541	3	0.04	12	580	6	<5	<20	143	0.03	<10	13	<10	8	23
95	9797	10	0.3	0.23	<5	550	<5	2.84	<1	7	74	4	1.73	20	0.84	788	2	0.03	13	640	4	<5	<20	107	0.03	<10	8	<10	7	26
96	9798	5	0.2	0.23	5	425	<5	2.26	<1	7	70	19	1.58	30	0.71	639	3	0.04	13	610	6	<5	<20	133	0.03	<10	14	<10	8	24
97	9799	30	<0.2	0.23	10	290	<5	2.46	<1	7	70	4	1.73	20	0.79	644	3	0.04	11	610	4	<5	<20	133	0.03	<10	14	<10	8	22
98	9800	<5	0.3	0.25	30	385	<5	4.18	<1	10	74	7	2.22	20	1.32	1142	2	0.03	28	650	6	<5	<20	177	0.04	<10	14	<10	7	29
QC DATA:																														
Resplit:																														
1	9513	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36	9638	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Repeat:																														
1	9513	5	<0.2	0.22	5	50	<5	0.91	<1	2	75	2	0.67	10	0.23	307	3	0.04	5	40	12	<5	<20	110	<0.01	<10	1	<10	21	20
10	9522	25	<0.2	0.35	<5	395	<5	1.90	<1	8	68	6	1.82	30	0.61	526	2	0.04	11	640	6	<5	<20	168	0.01	<10	20	<10	21	31
17	9619	10	0.2	0.23	30	100	<5	1.73	<1	5	117	13	1.36	10	0.38	769	4	0.03	9	410	26	20	<20	74	0.01	<10	3	<10	10	111
19	9621	-	<0.2	0.27	565	130	<5	2.60	<1	8	83	2	1.88	30	0.77	694	3	0.01	14	680	4	<5	<20	103	0.02	<10	6	<10	8	241
26	9628	5	<0.2	2.24	20	330	<5	3.59	<1	28	172	17	5.46	20	2.63	1003	<1	0.26	28	2870	4	20	<20	469	0.10	<10	130	<10	29	92
35	9637	50	<0.2	0.27	70	135	<5	2.42	<1	8	102	6	1.81	<10	0.74	770	2	0.03	14	510	4	10	<20	64	0.02	<10	6	<10	9	28
51	9753	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
55	9757	650	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
68	9770	70	0.2	0.39	6600	50	<5	5.56	<1	22	47	4	3.91	10	1.92	1255	<1	0.02	46	1320	10	<5	<20	189	0.03	<10	17	<10	9	100
77	9779	195	0.5	0.27	170	120	<5	3.19	<1	10	77	7	2.24	20	1.00	1161	3	0.02	17	770	4	<5	<20	100	0.02	<10	8	<10	10	38
86	9788	5	<0.2	0.20	50	535	<5	2.47	<1	8	64	15	1.88	20	0.82	648	3	0.03	12	640	6	<5	<20	121	0.03	<10	11	<10	8	38
Standard:																														
GEO '03		135	1.5	1.72	55	140	<5	1.65	<1	22	78	85	3.66	<10	0.99	635	<1	0.03	30	570	20	5	<20	43	0.08	<10	77	<10	17	76
GEO '03		140	1.2	1.61	50	135	<5	1.55	<1	19	59	83	3.43	10	0.91	587	<1	0.02	28	640	20	<5	<20	42	0.13	<10	70	<10	10	70

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/kk
df/525
XLS/03
Fax: Richmond Office & email

Eco Tech Laboratory Ltd.

ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING

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CERTIFICATE OF ASSAY AK 2003-530

CME MANAGING CONSULTANTS LTD.
#2130 - 21331 Gordon Way
Richmond, BC
V6W 1J9

14-Nov-03

No. of samples received: 98
Sample type: Core
Project Name: Skukum
Project Number: P56D
Submitted By: TV

ET #.	Tag #	Au (g/t)	Au (oz/t)
21	9623	2.43	0.071
23	9625	1.40	0.041
41	9643	2.01	0.059
42	9644	2.06	0.060
47	9649	9.91	0.289
50	9752	2.47	0.072
72	9774	0.92	0.03
QC DATA:			
Standard:			
PM163		1.64	0.048
PM163		1.65	0.048

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/kk
XLS/03
Fax: Richmond Office & email

8-Nov-03

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2003-543

CME MANAGING CONSULTANTS LTD.
#2130 - 21331 Gordon Way
Richmond, BC
V6W 1J9

Attention: Chris Naas

No. of samples received: 18
Sample type: Core
Project Name: Skukum
Project Number: P56D
Submitted By: TV

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Tl %	U	V	W	Y	Zn
1	9575	<5	<0.2	0.24	<5	70	<5	0.84	<1	2	82	5	1.42	30	0.30	635	5	0.08	2	70	28	<5	<20	117	0.03	<10	1	<10	10	59
2	9576	15	0.2	0.23	20	30	<5	1.89	1	6	76	8	1.34	30	0.22	847	6	0.04	8	380	42	5	<20	94	0.03	<10	4	<10	8	58
3	9577	10	<0.2	0.22	<5	180	<5	1.62	<1	5	75	4	1.44	30	0.31	512	4	0.06	6	420	8	<5	<20	96	0.02	<10	10	<10	10	26
4	9578	5	<0.2	0.20	<5	295	<5	1.42	<1	6	69	4	1.50	30	0.38	475	2	0.05	7	440	8	<5	<20	82	0.02	<10	10	<10	9	27
5	9579	<5	<0.2	0.23	<5	110	<5	1.51	<1	5	85	4	1.40	30	0.40	480	5	0.05	6	430	8	<5	<20	77	0.02	<10	8	<10	8	25
6	9580	30	<0.2	0.20	10	115	<5	1.78	<1	5	72	3	1.37	30	0.47	784	3	0.04	7	420	16	<5	<20	76	0.03	<10	7	<10	8	30
7	9581	5	<0.2	0.21	<5	585	<5	1.63	<1	6	77	3	1.50	30	0.48	607	10	0.05	7	470	6	<5	<20	76	0.03	<10	9	<10	8	29
8	9582	35	<0.2	0.21	325	150	<5	1.91	<1	6	80	3	1.44	20	0.54	1414	19	0.04	8	420	18	10	<20	58	0.03	<10	6	<10	8	46
9	9583	35	<0.2	0.23	30	130	<5	1.80	<1	6	94	4	1.36	20	0.56	720	7	0.05	9	390	8	5	<20	67	0.02	<10	7	<10	8	31
10	9584	20	<0.2	2.38	<5	370	<5	4.43	<1	28	154	55	4.45	20	3.81	1396	<1	0.06	133	1090	10	<5	<20	268	0.09	<10	83	<10	10	102
11	9585	10	<0.2	2.50	<5	285	<5	3.98	<1	28	155	19	4.55	20	3.83	1275	<1	0.07	127	1130	10	<5	<20	229	0.09	<10	95	<10	12	93
12	9586	5	0.3	2.14	<5	215	<5	4.10	<1	46	128	42	4.83	20	3.64	1418	<1	0.05	124	1120	8	<5	<20	200	0.08	<10	81	<10	11	102
13	9587	<5	0.3	0.24	<5	540	<5	2.59	<1	7	62	37	1.17	30	1.05	514	5	0.05	15	330	4	15	<20	106	0.02	<10	10	<10	8	21
14	9588	5	0.2	2.26	<5	315	<5	4.64	1	29	125	45	4.69	30	3.86	1523	<1	0.06	119	1280	10	5	<20	187	0.08	<10	78	<10	13	182
15	9589	<5	0.4	2.33	<5	580	5	5.07	5	31	145	69	4.51	20	3.91	1689	<1	0.06	133	1150	16	10	<20	258	0.09	<10	79	<10	12	400
16	9590	10	0.2	1.98	20	295	<5	4.21	4	28	122	65	4.04	20	3.23	1571	2	0.06	114	1130	10	25	<20	202	0.08	<10	65	<10	10	321
17	9599	>1000	>30	0.50	>10000	30	<5	0.42	310	50	2180	1715	6.49	20	0.24	843	34	<0.01	1931	130	>10000	910	<20	16	0.12	<10	22	<10	3	>10000
18	9600	<5	0.3	1.16	<5	65	5	0.75	<1	10	106	19	1.67	<10	0.68	284	2	0.09	23	470	36	<5	<20	30	0.11	<10	45	<10	9	43
QC DATA:																														
Resplit:																														
1	9575	<5	0.4	0.25	<5	65	<5	0.78	<1	2	84	5	1.38	30	0.28	621	5	0.08	3	60	26	<5	<20	109	0.02	<10	<1	<10	10	65
Repeat:																														
1	9575	<5	0.2	0.23	<5	65	<5	0.84	<1	2	85	6	1.42	30	0.30	635	6	0.08	3	50	24	<5	<20	113	0.02	<10	<1	<10	9	59
Standard:																														
GEO '03		135	1.5	1.63	55	145	<5	1.63	<1	20	57	86	3.51	10	0.96	619	<1	0.02	28	720	26	<5	<20	45	0.13	<10	72	<10	11	78

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/kk
df/545t
XLS/03
Fax: Richmond Office & email

19-Nov-03

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2003-544

CME MANAGING CONSULTANTS LTD.
#2130 - 21331 Gordon Way
Richmond, BC
V6W 1J9

No. of samples received: 72
Sample type: Core
Project Name: Skukum
Project Number: P56D
Submitted By: TV

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	9529	<5	<0.2	0.27	15	690	<5	2.30	<1	10	62	11	2.15	10	0.70	675	2	0.08	10	780	8	<5	<20	143	0.04	<10	14	<10	12	43
2	9530	60	0.3	0.26	155	305	<5	2.07	<1	7	74	9	1.87	20	0.65	605	7	0.07	8	610	12	<5	<20	154	0.03	<10	12	<10	10	103
3	9531	5	0.5	0.30	250	100	<5	2.55	<1	10	91	14	2.15	10	0.79	1017	8	0.05	13	730	20	5	<20	115	0.04	<10	11	<10	11	51
4	9532	25	1.6	0.35	485	75	<5	4.99	11	20	58	85	3.87	<10	2.10	2131	1	0.06	56	1020	400	45	<20	316	0.07	<10	32	<10	9	700
5	9533	15	<0.2	0.18	40	35	<5	2.05	<1	5	84	6	0.98	10	0.85	581	7	0.06	12	150	24	5	<20	216	0.02	<10	6	<10	8	41
6	9534	5	0.4	0.51	50	185	<5	5.02	<1	24	61	58	4.02	10	2.62	1443	1	0.07	77	1050	32	25	<20	345	0.07	<10	38	<10	9	168
7	9535	<5	0.2	0.21	25	110	<5	3.06	<1	8	66	13	1.63	10	1.11	709	<1	0.05	24	320	20	10	<20	210	0.03	<10	6	<10	7	52
8	9536	<5	<0.2	0.20	35	40	<5	0.94	<1	3	83	4	0.84	20	0.22	304	6	0.05	5	230	10	<5	<20	93	0.01	<10	2	<10	7	29
9	9537	5	<0.2	0.21	70	40	<5	1.20	<1	3	93	4	0.83	10	0.35	375	14	0.04	6	200	12	<5	<20	120	0.01	<10	2	<10	6	30
10	9538	5	0.2	0.21	30	115	<5	1.62	<1	6	82	12	1.13	20	0.44	559	5	0.03	11	300	16	5	<20	205	0.02	<10	4	<10	6	47
11	9539	<5	0.6	0.41	20	65	<5	4.89	4	25	75	43	3.97	10	1.64	1641	2	0.07	63	1010	38	15	<20	683	0.07	<10	36	<10	12	323
12	9540	5	0.8	0.29	10	45	<5	3.99	6	13	54	36	2.53	10	1.33	1147	3	0.08	38	490	66	15	<20	568	0.05	<10	15	<10	12	393
13	9541	5	0.2	0.18	<5	85	<5	1.23	<1	1	52	2	0.93	10	0.28	479	3	0.07	2	20	24	<5	<20	148	0.02	<10	<1	<10	10	67
14	9542	<5	0.2	0.14	40	20	<5	0.66	<1	3	63	3	0.96	20	0.18	348	4	0.04	2	230	18	<5	<20	87	0.02	<10	3	<10	7	21
15	9543	<5	<0.2	0.16	<5	30	<5	0.61	<1	3	87	3	0.96	20	0.19	343	6	0.03	3	230	4	<5	<20	88	0.02	<10	2	<10	6	19
16	9544	10	0.2	0.16	5	35	<5	0.79	<1	5	81	5	1.16	20	0.23	443	9	0.03	3	230	8	<5	<20	86	0.02	<10	2	<10	6	23
17	9545	10	0.2	0.17	<5	20	<5	1.05	<1	2	89	4	0.88	20	0.14	493	8	0.04	4	190	20	<5	<20	89	0.02	<10	2	<10	7	20
18	9546	<5	<0.2	0.16	<5	65	<5	0.55	<1	<1	60	1	0.60	10	0.12	286	11	0.07	1	20	18	<5	<20	90	<0.01	<10	<1	<10	8	22
19	9547	5	0.2	0.19	<5	125	<5	0.75	<1	2	51	1	0.63	10	0.16	315	8	0.07	<1	20	24	<5	<20	127	0.01	<10	<1	<10	9	29
20	9548	20	0.6	0.19	15	45	<5	1.45	<1	5	88	4	1.18	10	0.34	604	15	0.04	6	320	40	<5	<20	169	0.02	<10	3	<10	6	88
21	9549	>1000	>30	0.55	>10000	20	<5	0.43	302	51	2260	1915	6.74	<10	0.25	878	37	<0.01	2013	140	>10000	980	<20	16	0.13	<10	24	<10	3	>10000
22	9550	<5	<0.2	1.25	65	55	<5	0.78	<1	11	120	23	1.96	<10	0.72	297	2	0.10	29	530	64	<5	<20	25	0.11	<10	47	<10	11	75
23	9551	60	1.3	0.19	70	90	<5	1.51	7	5	84	11	1.17	10	0.31	580	16	0.03	7	350	114	10	<20	141	0.02	<10	3	<10	6	339
24	9552	<5	0.3	0.21	35	65	<5	1.50	<1	4	92	3	1.13	20	0.28	576	8	0.02	5	340	14	<5	<20	122	0.02	<10	2	<10	5	28
25	9553	<5	0.3	0.24	25	80	<5	1.50	<1	4	99	3	1.14	20	0.36	456	4	0.03	7	320	8	<5	<20	146	0.02	<10	2	<10	6	27
26	9554	<5	0.2	0.27	30	175	<5	2.14	<1	6	102	4	1.26	20	0.71	520	7	0.04	8	310	10	<5	<20	272	0.02	<10	4	<10	6	30
27	9555	<5	0.3	0.29	20	75	<5	5.72	2	15	62	19	2.76	10	1.09	2221	3	0.05	47	700	32	10	<20	440	0.06	<10	18	<10	8	134
28	9556	<5	0.6	0.41	215	45	<5	5.05	1	17	54	21	3.91	10	1.01	3203	10	0.05	39	1110	78	15	<20	384	0.09	<10	22	<10	12	207
29	9557	<5	0.2	0.21	<5	55	<5	0.51	<1	1	74	3	0.86	10	0.15	553	7	0.09	2	20	28	<5	<20	73	0.02	<10	<1	<10	8	55
30	9558	<5	0.2	0.18	<5	35	<5	0.86	<1	<1	66	2	0.71	10	0.08	494	2	0.07	2	20	24	<5	<20	74	0.01	<10	<1	<10	8	46
31	9559	<5	0.2	0.23	<5	60	<5	1.12	<1	<1	75	2	0.74	10	0.10	570	5	0.08	2	20	26	<5	<20	89	0.02	<10	<1	<10	8	43
32	9560	<5	0.2	0.22	<5	65	<5	0.53	<1	1	57	4	0.74	20	0.16	300	4	0.04	1	40	30	<5	<20	119	0.01	<10	<1	<10	8	45
33	9561	<5	<0.2	0.20	<5	65	<5	0.18	<1	1	82	3	0.48	10	0.05	193	6	0.10	<1	30	16	<5	<20	34	<0.01	<10	<1	<10	7	24
34	9562	20	<0.2	0.29	<5	55	<5	0.57	<1	1	64	3	0.77	20	0.14	318	5	0.04	<1	40	28	5	<20	113	0.01	<10	<1	<10	8	31
35	9563	<5	<0.2	0.18	50	45	<5	1.13	<1	3	72	3	0.99	10	0.28	778	2	0.04	5	280	22	<5	<20	110	0.02	<10	3	<10	7	41

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Tl %	U	V	W	Y	Zn
36	9564	325	1.7	0.36	845	55	<5	5.64	5	21	59	48	3.40	<10	1.90	2405	8	0.05	60	930	110	20	<20	201	0.08	<10	21	<10	9	570
37	9565	5	0.9	0.17	100	55	<5	3.65	2	5	67	23	1.33	10	0.64	1659	6	0.04	14	280	44	15	<20	200	0.04	<10	4	<10	7	118
38	9566	5	0.2	0.24	<5	20	<5	0.53	<1	1	41	2	0.66	10	0.15	313	3	0.08	<1	30	40	<5	<20	154	0.01	<10	<1	<10	9	44
39	9567	5	<0.2	0.18	5	20	<5	0.78	<1	3	74	10	0.81	20	0.18	500	4	0.05	5	330	24	<5	<20	55	0.02	<10	2	<10	7	30
40	9568	65	<0.2	0.17	<5	25	<5	0.66	<1	<1	69	2	0.47	10	0.15	334	3	0.06	1	10	30	<5	<20	102	<0.01	<10	<1	<10	8	22
41	9569	20	<0.2	0.21	<5	20	<5	1.05	<1	<1	57	2	0.55	10	0.34	384	2	0.07	3	20	34	<5	<20	181	0.01	10	<1	<10	10	29
42	9570	15	0.2	0.19	<5	30	<5	1.34	<1	3	79	8	0.99	20	0.26	606	6	0.05	6	390	14	5	<20	134	0.02	<10	4	<10	9	30
43	9571	10	<0.2	0.28	<5	30	<5	0.75	<1	1	29	2	0.48	20	0.20	155	2	0.09	2	30	26	5	<20	243	<0.01	<10	<1	<10	12	28
44	9572	20	<0.2	0.16	5	25	<5	2.19	<1	5	69	4	1.32	20	0.31	770	4	0.06	9	390	14	<5	<20	169	0.02	<10	7	<10	10	41
45	9573	5	<0.2	0.17	15	35	<5	1.44	<1	5	65	5	1.43	20	0.31	569	3	0.05	6	390	18	<5	<20	107	0.02	<10	6	<10	8	44
46	9574	10	<0.2	0.18	40	80	<5	2.00	<1	5	68	4	1.40	20	0.31	829	4	0.05	7	380	26	<5	<20	92	0.03	<10	4	<10	8	39
47	9591	25	<0.2	0.16	15	110	<5	0.81	<1	4	76	6	0.62	10	0.29	486	4	0.04	4	60	14	10	<20	51	0.01	<10	<1	<10	3	32
48	9592	795	0.5	0.26	1500	75	<5	2.14	<1	6	92	7	1.70	10	0.67	1828	6	0.03	10	450	20	15	<20	90	0.04	<10	4	<10	5	137
49	9593	35	<0.2	0.23	160	80	<5	2.03	<1	6	78	7	1.51	10	0.58	1134	<1	0.05	8	490	16	15	<20	98	0.03	<10	6	<10	7	59
50	9594	25	<0.2	0.24	10	90	<5	2.14	1	6	84	9	1.59	20	0.60	783	4	0.06	9	450	26	10	<20	87	0.03	<10	7	<10	7	84
51	9595	15	0.2	0.23	20	65	<5	2.10	4	6	74	3	1.46	10	0.48	795	4	0.05	10	480	86	10	<20	136	0.03	<10	4	<10	7	201
52	9596	10	<0.2	0.27	30	115	<5	2.00	<1	6	90	25	1.40	10	0.42	737	5	0.05	7	470	18	10	<20	146	0.03	<10	4	<10	6	97
53	9597	20	<0.2	0.25	55	60	<5	2.24	<1	7	82	4	1.55	10	0.52	908	1	0.05	10	460	24	10	<20	160	0.03	<10	4	<10	8	120
54	9598	495	<0.2	0.28	1285	95	<5	2.40	<1	6	105	3	1.49	20	0.56	1316	5	0.04	9	450	30	15	<20	122	0.03	<10	4	<10	8	129
55	9601	10	<0.2	0.21	25	150	<5	2.09	5	5	89	4	1.29	20	0.46	624	1	0.04	9	320	84	10	<20	106	0.02	<10	3	<10	6	207
56	9602	10	<0.2	0.21	10	85	<5	2.20	<1	6	72	2	1.62	20	0.55	600	3	0.05	9	580	8	<5	<20	77	0.03	<10	5	<10	8	52
57	9603	15	<0.2	0.20	20	340	<5	2.58	<1	7	69	3	1.75	10	0.67	653	6	0.04	9	570	18	5	<20	96	0.03	<10	6	<10	9	52
58	9604	10	<0.2	0.23	<5	775	<5	1.97	<1	7	54	1	1.68	20	0.53	472	1	0.06	6	590	6	<5	<20	114	0.03	<10	8	<10	9	41
59	9605	10	<0.2	0.18	5	680	<5	2.28	<1	7	59	4	1.67	20	0.63	541	3	0.05	7	580	10	<5	<20	87	0.03	<10	5	<10	9	52
60	9606	20	<0.2	0.19	15	630	<5	2.60	1	7	73	7	1.83	20	0.75	603	3	0.05	10	590	36	<5	<20	85	0.03	<10	5	<10	8	99
61	9607	10	0.4	0.21	30	260	<5	3.36	4	8	66	22	1.99	10	1.00	823	2	0.05	20	600	42	15	<20	139	0.03	<10	6	<10	9	258
62	9608	5	<0.2	0.18	15	525	<5	2.54	3	7	65	5	1.67	10	0.63	605	3	0.05	10	600	50	<5	<20	119	0.03	<10	5	<10	8	179
63	9609	165	<0.2	0.19	20	215	<5	2.42	4	7	60	7	1.63	20	0.59	683	11	0.05	9	580	56	5	<20	116	0.03	<10	4	<10	9	194
64	9610	5	<0.2	0.25	<5	85	<5	2.42	<1	6	70	5	1.82	20	0.60	1598	7	0.05	9	640	10	<5	<20	131	0.04	<10	6	<10	11	140
65	9611	5	<0.2	0.16	5	225	<5	1.27	2	2	59	3	0.60	<10	0.07	405	5	0.04	2	110	46	5	<20	119	0.01	<10	<1	<10	6	158
66	9612	5	<0.2	0.21	10	90	<5	0.79	2	1	101	3	0.51	<10	0.04	329	4	0.05	2	30	100	10	<20	106	<0.01	<10	<1	<10	8	221
67	9613	10	<0.2	0.16	15	65	<5	0.49	1	<1	63	<1	0.45	<10	0.03	274	2	0.05	<1	30	76	10	<20	81	<0.01	<10	<1	<10	8	157
68	9614	<5	<0.2	0.18	10	85	<5	0.53	1	<1	72	1	0.48	<10	0.03	261	3	0.05	<1	30	44	10	<20	78	<0.01	<10	<1	<10	8	96
69	9615	5	<0.2	0.18	10	65	<5	0.58	1	<1	72	<1	0.52	<10	0.04	291	2	0.05	<1	30	46	10	<20	92	<0.01	<10	<1	<10	8	117
70	9616	<5	<0.2	0.19	20	50	<5	0.38	3	2	77	1	0.70	10	0.08	460	5	0.05	2	170	84	20	<20	64	0.01	<10	<1	<10	7	289
71	9617	25	0.3	0.22	25	30	<5	1.24	20	5	68	6	1.66	10	0.25	1326	7	0.05	5	590	234	55	<20	50	0.03	<10	5	<10	9	1352
72	9618	15	<0.2	0.15	25	25	<5	0.20	2	<1	67	2	0.67	<10	0.04	390	5	0.03	<1	50	44	15	<20	36	0.01	<10	<1	<10	4	230

QC DATA:

Resplit:

1	9529	<5	<0.2	0.27	20	660	<5	2.31	<1	9	62	10	2.18	10	0.69	672	3	0.07	11	700	10	<5	<20	144	0.03	<10	14	<10	10	42
36	9564	360	2.0	0.26	960	45	<5	5.59	4	19	60	58	3.28	<10	1.82	2454	7	0.05	59	850	120	40	<20	206	0.07	<10	17	<10	7	595
71	9617	20	0.4	0.21	25	25	<5	1.26	29	5	55	6	1.68	10	0.25	1348	5	0.04	4	600	294	65	<20	50	0.03	<10	4	<10	9	1888

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Tl %	U	V	W	Y	Zn
QC DATA:																														
Repeat:																														
1	9529	<5	<0.2	0.25	25	650	<5	2.33	<1	9	61	10	2.15	10	0.69	681	2	0.07	11	720	6	<5	<20	143	0.03	<10	14	<10	10	42
10	9538	5	0.2	0.21	35	110	<5	1.64	<1	6	80	11	1.14	20	0.45	562	7	0.04	11	310	16	<5	<20	208	0.02	<10	4	<10	6	48
19	9547	<5	0.3	0.19	<5	125	<5	0.78	<1	1	53	1	0.65	10	0.16	327	9	0.07	<1	20	24	<5	<20	131	0.01	<10	<1	<10	9	29
36	9564	5	1.7	0.26	960	50	<5	5.92	5	20	59	45	3.40	<10	1.97	2533	7	0.04	63	880	108	25	<20	213	0.07	<10	18	<10	8	599
45	9573	5	<0.2	0.17	15	35	<5	1.42	<1	5	64	5	1.41	20	0.31	560	3	0.05	5	400	18	<5	<20	107	0.02	<10	6	<10	8	43
48	9592	970	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
49	9593	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
54	9598	500	<0.2	0.27	1280	95	<5	2.38	<1	5	103	3	1.48	20	0.56	1302	5	0.04	10	460	30	10	<20	122	0.03	<10	4	<10	7	127
54	9598	580	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
71	9617	-	0.3	0.23	25	30	<5	1.25	21	5	69	6	1.68	10	0.25	1341	7	0.05	4	590	236	55	<20	50	0.03	<10	5	<10	9	1381
Standard:																														
GEO '03		125	1.4	1.64	50	140	<5	1.63	<1	19	56	87	3.53	<10	0.97	616	<1	0.03	28	670	22	<5	<20	43	0.13	<10	73	<10	10	71
GEO '03		115	1.5	1.64	55	140	<5	1.61	<1	19	55	86	3.46	<10	0.96	619	<1	0.04	27	660	22	<5	<20	46	0.12	<10	71	<10	10	72
GEO '03		-	1.4	1.55	60	135	<5	1.65	<1	20	56	83	3.53	<10	0.91	614	1	0.03	27	640	22	<5	<20	38	0.10	<10	71	<10	10	72

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/kk
df/544
XLS/03
Fax: Richmond Office & email

APPENDIX III

CERTIFICATES OF ANALYSIS

c. Check Samples

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

4V-0093-PA1

Company: **CME Managing Consultants Inc.**
Project:
Attn: Ted Vander Wart

Mar-02-04

We *hereby certify* the following assay of 9 pulp samples submitted Feb-18-04 by Ted Vander Wart.

Sample Name	Au g/tonne	Ag g/tonne
09416	13.33	
09418	6.90	
09431	4.83	
09774	0.95	
*DUP 09418	7.20	
*97-2	1.36	
*CPb-1		630.0
*BLANK	<0.01	<0.1

30g Fire Assay for Au & Ag

Certified by

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 Managing Consultants Inc. File # A400852 Page 1
2160 - 21331 Gordon Way, Richmond BC V6W 1J9 Submitted by: Ted VanderWart

SAMPLE#	Au** gm/mt
09399	9.69
09416	12.60
09418	7.17
09431	4.80
09774	.86
STANDARD AU-1	3.41

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

Data L FA ____ DATE RECEIVED: MAR 9 2004 DATE REPORT MAILED: March 17/04.

BRITISH COLUMBIA CERTIFIED ASSAYER
Clarence Leong

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

APPENDIX III

CERTIFICATES OF ANALYSIS

d. Specific Gravity

Eco Tech Laboratory Ltd.

ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING

10041 Dallas Drive, Kamloops, BC V2C 6T4
Phone (250) 573-5700 Fax (250) 573-4557
E-mail: info@ecotechlab.com
www.ecotechlab.com

	Sample	Specific Gravity (g/cm3)
1	GG03-1 396.0	2.707
2	GG03-1 397.0	2.775
3	GG03-2 374.0	2.759
4	GG03-2 374.5	2.693

ME YTI LA TOR LTD 8 E. ING . V OUV C 1R6 PH (60 3-3 FAX)25 716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Eco-Tech Laboratories Ltd. File # A400529
10041 E. Trans Canada Hwy, Kamloops BC V2C 6T4 Submitted by: Jutta Jealouse

SAMPLE#	S.G.
GG03-1 396.0	2.71
GG03-1 397.0	2.72
GG03-2 374.0	2.74
GG03-2 374.5	2.71

S.G. - SPECIFIC GRAVITY
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE

Data h FA ____ **DATE RECEIVED:** FEB 13 2004 **DATE REPORT MAILED:** Feb 19/04

BRITISH COLUMBIA CERTIFIED ASSAYER
Clarence Leong

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

APPENDIX IV

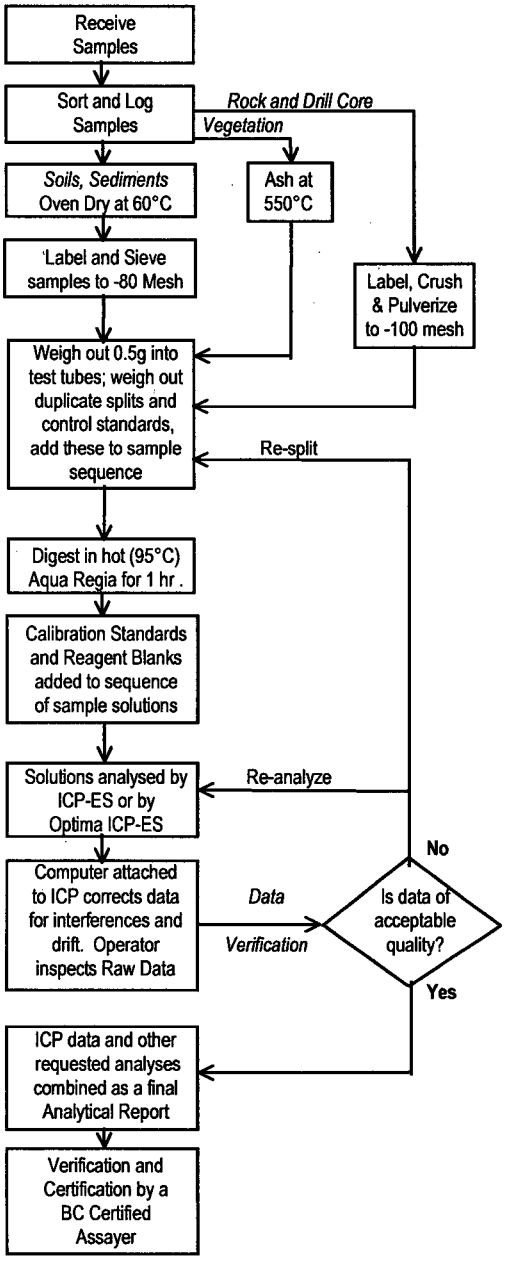
ANALYTICAL LABORATORY PROCEDURES

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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ANALYTICAL LABORATORIES LTD.

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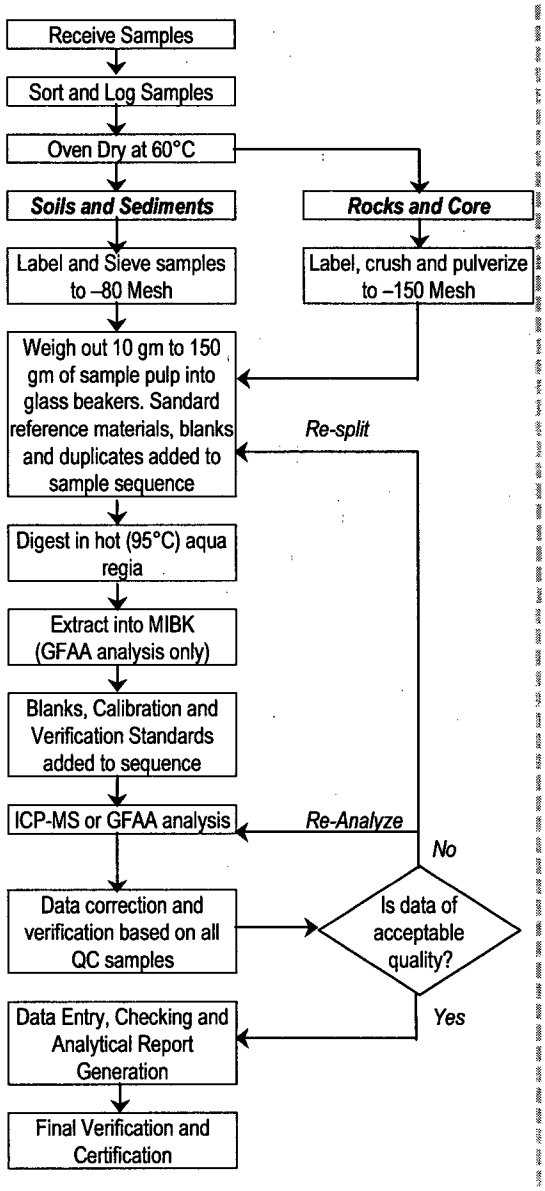
METHODS AND SPECIFICATIONS FOR ANALYTICAL PACKAGE GROUP 3A - AU BY WET EXTRACTION

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..

ACME
ANALYTICAL LABORATORIES LTD.

ISO 9002 REGISTERED KPMG VANCOUVER 1996

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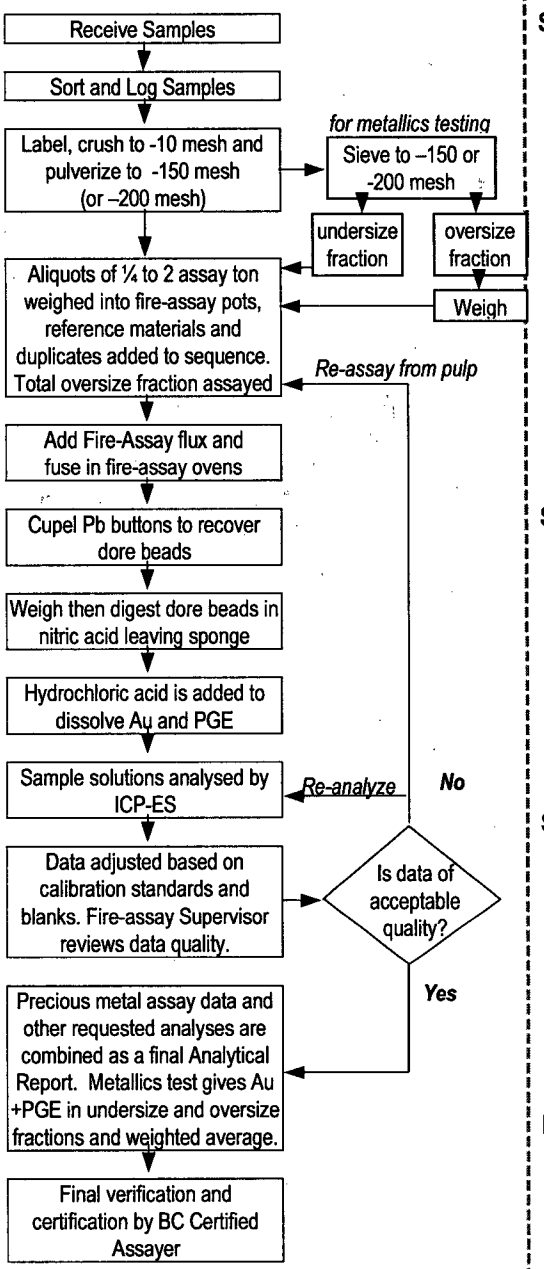
METHODS AND SPECIFICATIONS FOR ANALYTICAL PACKAGE GROUP 6 - PRECIOUS METAL ASSAY

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

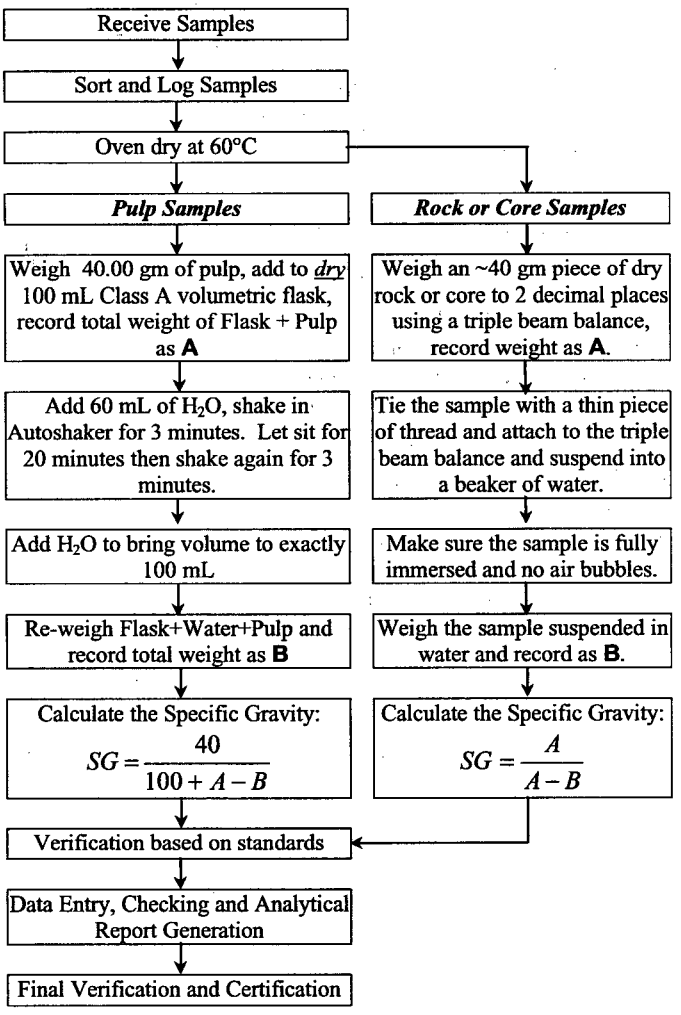
The solutions are analyzed by ICP-ES (Jarrel Ash Atom-Comp model 800 or 975) to determine Au, Pt, Pd and Rh. Au or PGEs over 1 oz/t are determined by gravimetric finish. Ag is determined both by fire assay and wet assay. Ag over 10 oz/t is reported from the fire assay while concentrations <10 oz/t are 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.

METHODS AND SPECIFICATIONS FOR ANALYTICAL PACKAGE
GROUP 8 – SPECIFIC GRAVITY

Analytical Process



Comments

Sample Preparation

Samples are dried at 60°C to remove all moisture. Specific gravity can be determined using either whole samples of rock and drill core or on the pulp fraction. Pulp samples are generated by crushing rocks and drill core to minus 10 mesh then pulverizing to minus 100 mesh. A duplicate split is taken from 1 sample in each batch of 34 samples for monitoring precision. A sample standard comprising whole or pulverized quartz is added to each batch of samples to monitor accuracy.

Sample Determination

Specific Gravity is determined by weighing samples in relation to the displacement of water. The ratio of sample weight to sample plus water weight measured in highly precise labware is used to determine the specific gravity of pulp samples. The decrease of weight for a sample immersed in water relative to its normal "dry" weight is used to ascertain the specific gravity of whole samples of rock and drill core. The analytical method is calibrated using a certified mass, the calibration is verified using either pulverized or whole samples of quartz having a specific gravity of 2.64.

Data Evaluation

The lab technician calculates the specific gravity using the appropriate formula. The data is entered into ACME Analytical Lab's data management system and an Analytical Report is generated. The report is verified by a Data Checking Clerk then undergoes final verification by a British Columbia Certified Assayer who then signs the report before it is released to the client. Chief Assayer is Clarence Leong, other certified assayers are Dean Toye and Jacky Wang.

Analytical Procedure Assessment Report

MULTI ELEMENT ICP ANALYSIS

Samples are catalogued and dried. Soil samples are screened to obtain a -80 mesh sample. Samples unable to produce adequate -80 mesh material are screened at a coarser fraction. These samples are flagged with the relevant mesh. Rock samples are 2 stage crushed to minus 10 mesh and pulverized on a ring mill pulverizer to minus 140 mesh, rolled and homogenized.

A 0.5 gram sample is digested with 3ml of a 3:1:2 (HCl:HN03:H20) which contains beryllium which acts as an internal standard for 90 minutes in a water bath at 95°C. The sample is then diluted to 10ml with water. The sample is analyzed on a Jarrell Ash ICP unit.

Results are collated by computer and are printed along with accompanying quality control data (repeats and standards). Results are printed on a laser printer and are faxed and/or mailed to the client.

K:Methods/methicp

Analytical Procedure Assessment Report

SAMPLE PREPARATION

Samples are catalogued and dried. Soils are prepared by sieving through an 80 mesh screen to obtain a minus 80 mesh fraction. Samples unable to produce adequate minus 80 mesh material are screened at a coarser fraction. These samples are flagged with the relevant mesh. Rock samples are 2 stage crushed to minus 10 mesh and a 250 gram sub sample is pulverized on a ring mill pulverize to -140 mesh. The sub sample is rolled, homogenized and bagged in a prenumbered bag.

GEOCHEMICAL GOLD ANALYSIS

The sample is weighed to 30 grams and fused along with proper fluxing materials. The bead is digested in aqua regia and analyzed on an atomic absorption instrument. Over-range values for rocks are re-analyzed using gold assay methods.

Appropriate reference materials accompany the samples through the process allowing for quality control assessment. Results are entered and printed along with quality control data (repeats and standards). The data is faxed and/or mailed to the client.

Analytical Method

GOLD ASSAY

Samples are sorted and dried (if necessary). A sub sample is pulverized in a ring & puck pulverizer to 95% - 140 mesh. The sample is rolled to homogenize. Concentrates will be processed in our Conc sample prep area.

A 10 to 30g sample run in triplicates are fire assayed using appropriate fluxes. Conc will be fused in a dedicated furnace to ensure no cross contamination.
The resultant dore bead is parted and then digested with aqua regia and then analyzed on an AA instrument.

Appropriate standards (Quality Control Components) accompany the samples on the data sheet.

Eco Tech Laboratory Ltd.

ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING

10041 Dallas Drive, Kamloops, BC V2C 6T4
Phone (250) 573-5700 Fax (250) 573-4557
E-mail: info@ecotechlab.com
www.ecotechlab.com

Procedure:

The DRIED reject is to be used for Specific Gravity Analysis. If reject is not available use pulp.

1. Record weight of a CLEAN DRY 200ml phosphoric flask. (A)
2. Add approximately 50g of DRY reject and record exact weight of flask plus sample. (B)
3. Add RO water to flask and swirl flask vigorously to free any trapped air as well as to ensure all the sample is wet.
4. Bulk flask to neck with distilled water then allow sample to sit until all the air bubbles are gone. (it is important that ALL AIR be removed.)
5. Bulk to line and record weight. (C)

Calculation:

A = Weight of flask.
B = Weight of flask plus sample.
C = Weight of flask plus sample plus water.
D = C-B = Weight of water in flask.

$$\text{Specific Gravity g/cm3} = \frac{B-A}{200-D}$$

Assayers Canada

Procedure for Gold analysis by 30g fire assay:

1. Weigh 30g sample into a weighing dish.
2. Transfer sample into a 40g crucible. Add ~100g flux and appropriate amount of flour. Mix well.
3. Add ~2mg Ag. Fuse at 1000 deg.C for 1 hour.
4. Collect the lead button after pouring out the fusion and cupel it at 875 deg.C.
5. Transfer the Ag bead into a 20ml test tube. Add 3ml 1:3 HNO3. Heat in a water bath for 15 min.
6. Add 3ml HCl. Digest for 30 min.
7. Cool. Make up to volume of 10ml with distilled water. Shake.
8. Read on A.A. for Au.

APPENDIX V

CORE REPROCESSING PROGRAM

a. Drill Logs
b. Corrections to Drilling Database

APPENDIX V

CORE REPROCESSING PROGRAM

a. Drill Logs

CME

87PGE - 1

Project name: SKUKUM
Project # : CP56C
D.D. Hole #: 87PGE 1 Relog

Length (m): 226.47
Grid:
Dip: -45
Azimuth: 175
Core size: HQ/NQ

Contractor:
Northing: 6672944.868
Easting: 483847.920
Collar Elev.: 1075555

Hole survey type:
Started:
Completed:
Logged by: TV
Date logged: 10/08/03 – 10/09/03

Depth	Dip	Azimuth

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0 - 5.18	NO CORE								
5.18 - 6.40	Rubbly, core material, ANDS, QZMZ piece of MULTILITHIC AGGL? or BX? Also frags of Flow-banded RHYL (Cretaceous)								
6.40 - 29.30	QZMZ - dominantly QZMZ w/ minor ANDS dykes QZMZ not magnetic 11.6 - 12.50 ANDS dyke; fairly homogenous green; lim stainings on frac sfcs	mod. to locally v. strong, seri; still in surface oxidation zone. Occasional discrete, green seri alts							
	20.24 - 21.44 ANDS dyke; as above	mod. wk alt.							
	24.90 - 25.88 ANDS dyke. as above	mod. wk alt.	2% of dyke broken / fractured w/ clay gouge from QZMZ + local py						
		28.55 - 32.20 incr. lim?/ hem? alt^n of QZMZ - often core of veins w/ qz ± cb vn.							

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	QZMZ cont'd	33.4-34.2 incr seri on fracs, w/ minor chl, lim	@ 33.4-34.2 zone w/ narrow barren qz vnlts, minor py along fracs 34.55-35.15; incr py (≤1%) along fracs @ 37.60 dk sx? or ox.dc min'l dark grey to black w/ slight purple fringe						
39.3-40.	ANDS dyke; speckled/mottled w/ chl/ser	Mod alt^{n} Lim abundant on frac sfc							
40-41.15	(approx). RHYL bx w/ qz vn. Gougy fault material to either side of vein @ 40.4 QVZN is ~ 3.4cm wide, internally frac'd w/ dk sx (dominantly py) poss Sb/As. Vein material appears to bleed into host rock (RHYL?)	RHYL is strongly altered w/ seri/clay, esp on either side of vein							
41.15-42.4	QZMZ - faulted, gougy	Strongly altered; clay, seri, hem							
42.4-52.0	QZMZ - relatively more competent 42.4-47 mod alt. 47- strong alt.	Mod - strong alteration (Strong on frac sfcs, mod in general) 47→ seri increasing, becoming typical 'apple' green alteration; In general alteration 'becomes' strong. 47.85-48.35 extreme altered.	Localized gougy frac/shear planes. @ 49.60 mylonitic bleach (sx?) w/in QZMZ, several parallel stringers over 10cm @ 30°CA		–				

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	QZMZ (cont'd)								
	5	52.88–53.64 v. strong seri alt.	Poss malachite @ 58.95						
57.0–63.15	RFP; fsp phenos altered; often loci of hem alt^{n} or brown chl. Unit is white to v. pale green, and spotted w/ red brown fsp phenos/spherules. Occasional larger 1–3cm rounded RHYL frags w/in matrix	Alt - strong to extreme on frac sets (clay) dominantly seri. alt. matrix. @ 61.2 frac in RHYL w/ abund. feathery chl ? in altered in envelope	no py observed.						
63.15–64.5	QZMZ ALT - S. med-grained	chloritic, seri, hem							
64.5–68.90	RFP - ALT - S. Similar unit as previous, slightly less hem/lim alteration		(contact w/ QZMZ (upper) is v. sharp. Lower contact v. sheared w/ QZMZ						
68.90–69.05	QZMZ (contact zone w/ RFP) extremely sheared; alteration - X.								
69.05–100.58	QZMZ - ALT - M, decreases slightly	V. strong apple green seri alt^{n}, Brown-weathered (lim after hem?)	Core v. broken, mod. shearing @ 70.20 minor dark sx?, v. fn grained in QZMZ. @ 71.10 v. broken core. ~73.15 poss flt zone ~ 10cm @ 78.00 disc qz vn, bevel, pinches at halfway through core, 1cm/40°						
		84.3–86 ALT S - less hem; less seri	@ 86.7 Vn? rich seri ± chl, s.l. 1-2cm/20°						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	QZMZ (cont'd)	86.0 - 91.35 ALT - M.							
		91.35 - 92.20 ALT - W.	91.35 - 92.20 f.l. sheared v. fresh looking						
		92.20 - 100.58 ALT - M.							
		occasional zones of ALT-S over 10 - 30cm, more greenish sericite; eg @ 96.4, 95.3.							
100.58 - 112.04	RHYL; Qz eye, porphyritic			09264	99.27 - 100.19	0.92	15		
	100.58 - 101.43 spherulitic and flow banded (weak) RHYL; minor py; flow banding strongest at upper sheared contact w/ QZMZ (Py ~ 1-2%)	ALT - W → M Py → hem → lim Mod chl?, ser;	Py cubes throughout (altered to brown hem/lim).	09265	100.58 - 101.43	0.85	10		
			Flow-banding ~ 50° CA.	09266	101.43 - 102.90	1.47	5		
	101.43 - 107.74. Internal RHYL fs porph dyke, v. small qz eyes (1mm); this dyke cores the flow-banded spherulitic dyke. (Py ~ 5%)		Incl. py. to (hem) w/in dyke	09267	102.90 - 104.50	1.60	10		
		ALT - M.	102.90 - 104.40 FLT-Z; heavily fracked core along CA	09268	104.50 - 106.30	1.80	10		
				09269	106.30 - 107.40	1.10	5		
				09270	107.40 - 107.74	0.34	1.249/t		
	107.74 - 110.12 Flow-banded RHYL qz-eye, fs porph dyke; Contact of flow banding to internal dyke ~ 50° CA.; v. sharp. (Py ~ 2%)			09271	107.74 - 109.00	1.26	15		
		ALT - M	Flow banding ~ 30° down to near // to CA.	09272	109.00 - 110.12	1.12	30		
				09273	110.12 - 112.04	1.92	265		
	110.12 - 112.04: Non-flow-banded Qz eye RHYL porph dyke, similar to 101.43 - 107.74, lesser altered boxwork py (1-2%), darker greenish-grey.	ALT - W/M							

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
112.04 – 117.50	QZMZ – sheared, med-grained less mafics than earlier; possible weak silicification event?	ALT – M/S.; rel abund. green seri alt. decreased lim/hem	Sharp upper contact w/ dyke @ ~50°CA. 112.04 – 117.57 – poss As alteration on fracs. – yellow sulphur-like crumbly (sporadic?) (BW)						
	114.83 – 115.06 narrow bleached ANDS? dyke; brownish to med dk grey-green porphyritic (qz ± fs); v. fn grained	ALT – M.	116.6 – poss more yellow As-alt.						
117.50 – 170.50 (120.37)	RHYL, qz-fs porphy.;	ALT – M/S. brown-weathered w/ rel. abund qz-eyes, hem/lim altered bxwork py.	@ 119.05 poss visual ID of acicular aspy in RHYL, dissem						
(120.37) 120.50 – 132.59	ANDS – DACT, porphyritic fsp up to 3mm, generally 1-2mm rare 5mm phenos. homogenous green-grey	ALT – W ± M, generally appears rel unaltered; chl-seri main alt° products. minor lim/hem along fracs	@ 120.40 fault zone. – contact of RHYL w/ ANDS/DACT.	09274	120.37 – 121.01	0.64	140		
	Larger pink fs phenos suggest a possible RHDC. (gradational change throughout unit.	Moderately bleached; fsp phenos still pinkish							
132.59 – 163.43	QZMZ; sheared, mod. brown alt°, strong green seri alt° focused along many frac planes and create alt° halo.	ALT – M/S. Seri – S, Lim/hem M. Chl – mod.	LC is faulted against QZMZ Main interval is quite competent Historical sample, F8963 (134.32 – 136.25) of poss bx. alt° of QZMZ; relatively minor						
	137.59 – 142.95 – brown alt°								
RQFP? →	142.95 – 151.20 – v. rare mafic/alt° v. strong seri/clay alt°, large qz/fs phenos in QZMZ, sheared	ALT – S, sil? Chl is dominant mafic	Local zones appear brecciated, fragmental Minor py dissem <1%	09275	144.48 – 146.46	1.98	5		
	142.95 ? – .								

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	~~QFMZ~~ (cont'd) fQFP - sheared ?		minor disem py (~1%)	09276	147.68 - 147.83	0.15	10		
	151.70 - 151.42 narrow ANDS/DACT dyke; med grey, fn-grained			09277	151.42 - 152.95	1.53	5		
	152.38 - 156.95 ANDS/DACT dyke w/ cb? vnlts (stockwork, along fracs) → ankerite or Fe rich calcite								
	Note on unit, strongly sheared qz eyes (stretched along a foliation / shear dir?)								
	156.95 - 157.70 ANDS/DACT.	v. silicic upper contact dk grey qz w/ white qz	Minor py w/ qz vn?	09278	156.00 - 156.95	0.95	5		
	157.70 - 162.28 ROFP, sheared.			09279	156.95 - 157.89	0.94	5		
	162.28 - 163.43 ANDS/DACT dyke qz previous.								
163.43 - 166.90	RHYL dyke? strongly sheared, no obvious planes of qz-fs (ALT - M.)	Silica flooding w/ abund chl along major fracs.	Py alteration to hem/lim						
	v. qz rich - could be v. bleached & silicified QFMZ? v. low mafic content	166.2 - 166.90 v. silica rich. w/ AND xenos.	@ ~166.1 Fault zone in narrow ANDS dyke; ~ 30°CA. 10cm.						
166.90 - 175.86	More typical QFMZ, w minor brown oxidation of py (lim+hem); Shearing decreased, more localized w/in the unit w/ strong seri	ALT - M.							
	168.50 - 169.10 ANDS dyke, faulted U/L contacts. ALT - M. (seri);	Alt° is very strong @ lower contact; gouge							
175.86 - 176.81	ANDS/DACT dyke - mod shearing mottled dark green chl porphyros; fs planes - silicified	ALT - M brown hem/lim on stks. weak vnlt network							

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
176.81 – 177.90	QZMZ - ALT - S/X.	V. green core (seri) w/ dark grey fine SX ?, gradually decreases alteration grade							
177.90 – 183.30	QZMZ - ALT - S. Incr brown oxidation of py/lim.	Alteration (seri) increases w/ depth towards contact of dyke below.	@ 181.60 fault ~ 5cm; gouge.						
183.30 – 190.80	RQFP; upper 30cm v. green, highly fragment - (ie RQD = 0)	ALT - X (183.30 - 183.80)	LC QZMZ / UC RQFP, gouge faulted / clay alt^{n}						
	183.80 – Grades into white/buff/tan RQFP (fairly typical unit), 189.75 - 190.05 Orange RHYL (QFP) 190.05 - 190.4 Strong green AH^{n} of the RHYL.,	186.30 - 186.55 v. brown alt^{n} of dyke, confined to matrix							
	~191.2 AND dyke w/ grn-blu unlithified wk py assoc.		190.8 — 195.60 (approx) major fault zone completely ground down core, remains of frags suggest a mix of lithologies - QZMZ, FLDK, ANDS, RQFP.						
195.60 – 205.70	QZMZ, typical sheared, brown-stn alt^{n} of mafics + py.	ALT - M. brown weathering occurs in zones of v strong to mod. seri alt^{n}, somewhat variable.	196.70 - 196.70 FLT. ?. completely fragmented/ground QZMZ						
205.70.	RHYL QFP?, not obvious (FLDK)	ALT - W/M, green seri common in fracs.	UC marked by QZ?/FS? vein or sweat partially consuming the QZMZ, no mineralization						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	FLDK (cont'd) This unit shares characteristics of the more typical RQFP, but few obvious fsp phenos or qz phenos. Very little qtz to speak of. [Last Box is No 47, no indication if EOH.] Missing last box	ALT W/M. Strong ser ± or frac sets. Very consistent alt° to EOH.	V. minor weathered bxwork py. Trace py. Incr. hem/lim alteration w/ depth likely due to py alteration; small <1mm		222.66 - 223.86	1.20	<5		

[redacted] Note [redacted] le m[redacted] ma[redacted] depth[redacted]s a[redacted] fac[redacted]-ar[redacted] rock[redacted]
Also missing boxes. - depths may be estimate only.

CME

87PGE - 2

Project name: Ci Skukum
Project #: CPS6C
D.D. Hole #: 87PGE-2 (Relog)

Length (m): 210.92m.
Grid:
Dip: -75°
Azimuth: 05
Core size: HQ/NQ

Contractor:
Northing: 6672799.627
Easting: 483952.653
Collar Elev.: 1181.771

Hole survey type:
Started:
Completed:
Re **Logged by:** TV
Date logged: 10/08/03

Depth	Dip	Azimuth

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
Box 15 705.2-717.7' 628'-66.35	RQFP, buff to pale pink, 1	strong sericite alt^{n} - pale green brown hem. alt^{n} - may be oxidation due to exposure to air.	tr. py. (cubic)						
Box 16 MISSING									
Box 17 731-744' 704-744'	70.41 - 72.03 QZMZ., med-grained w/ 1-3mm fs phenos, strongly altered.	fine remobilized matrix due to exposure in air. Strong seri (green) alt^{n} of fs phenos	v tr. py (cubic)						
	72.03 - 77.32 Strongly altered RQFP V. distinct green w/ euhedral fsp. phenos.,	V. strong seri alt^{n} w/ incr. clay alt^{n} toward bottom and into QZMZ (assoc. w/ shearing)	Sheared u/l contacts w/ QZMZ. esp @ lower contact.						
	72.32 - 80.70 QZMZ as previous.	76.95-77.45 paler section of QZMZ, less matic Fe alt^{n}	78.76-78.96 FLT zone, ground core, abund. qtz, clay & seri alt^{n} weak to moderate shear fabric(?) beginning to develop in QZMZ ~50-70°CA. 79.36-79.56 FLT-2, not as intense as previous, broken core.						
80.70-81.58	RQFP dyke, sheared upper/lower contacts green. v. fn grained matrix w/ up to	strong green seri alt^{n} w/ Fe alt^{n} of fn-grained matrix							

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	5mm Ps phenos.,		Flow bandings? or shear fabric @ U/L contacts. 45°CA Fe alt$ may be original pyrite assem. throughout unit Lower contact sheared/faulted w/ min. gouge.						
81.58–101.93	OZM2 – as before; evidence of incr. shearing due to occurrance of fine dark grey Sx pressure solf vnlts.	Strong hem alt$; fresh rock w/ abund pale to apple green ser alt$. V. wk carb alt$, probably only assoc w/ shears and vlts.	@ 82.85 narrow qz vn 1cm/45° cloudy white qz to grey w/ dark incl. (chl?) Locally fractures of OZM2 contain abund diss py to 2%. also dark metallic grey Sx?, (approx) @ 85.68 qz vn w/ multiple offsets; somewhat diffuse, milky; free sfc w/ v. thin dark grey Sx (?) vnlt. (stylolitic?) @ 86.10 – shear zone, narrow, 1–2 cm wide qz vning assoc w/ ~ 70cm						
		87.18 incr. silicification, rare pales (less hem alt$), these zones appear and disappear.	91–93.5 relatively broken core, little gouge, fracture zone						
		Incr. diss py in OZM2 host, cubic; <1%	@ 95.27. narrow 1.5cm gouge plane w/ clay/ser. 50°CA @ 95.99 low angle fract w/ dark grey Sx? + py, minor clay; also @ 96.19.						
		Continuing pervasive apple-green ser alt$ throughout the OZM2.	@ ~98.4. fract zone w/ lower py cubes in dark grey gouge matrix cubes up to 3mm, fract ~ 1cm						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	QZMZ (cont'd)		(check if sample collected @ 101.5m. approx. 0.6m - if not sample. Q 102.0-102.1 Mylonitic shear @ contact w/ RFP dyke; large qz. clasts in dk grey/black fine grained Sx matrix (old Black Breccia); py up to 10%; mod grey Sx in qz (asp?)						
101.92 - 104.42	RFP, med dull green w/ white fsp phenos	Strong seri; pass wk clay Wk to mod Fe alt° + small patchy chl	Upper contact sheared + faulted w/ gouge; as is lower contact. In both cases, marked by strongly sheared/mylonite QZM? w/ Sx. Foliation/flow banding in dykl. Marked by seri alt° trends ~41°CA Centre of dyke marked by small frac zone.						
104.42 - 122.90	QzMZ; as before, slightly more silica rich, grain texture less coarse (though not fine-grained); fresher looking; locally magnetic; FS has altered to red-brown (oxidation?) phenos up to 5mm, subhedral. Rare hbl.	Alteration as before, decreased seri; though still locally strong. Strong hydrothermal (clay) alt° assoc w/ upper contact, rare v. soft + gouge. 106.3 - 106.8 incr. seri (green) w/ mod. clay alt°n - minor dk green patchy chl, w/ minor dk brown red hem. -	Upper contact v. strongly sheared w/ gouge and mylonite (black milled Sx?) ~ 10cm wide. (check for sample collected here (below dyke)						
	@ 110.8, 5cm RHYL dyke? w/ prominent but ≤ 1mm chl patches v. fine grained and tan to buff coloured; ~45° CA - [illegible] This may be a bleach AHBS dyke (see below)								

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	(QZMZ cont'd)	121.20-122.90 incr. seri alt'n as approaching dyke contact @ 127.90	narrow shear @ 121.10 ~ 25°CA Increased shearing below 121.10 toward contact @ 122.90 where QZMZ intensely sheared/faulted w/ gouge						
122.90 - 124.05	ANDS - porphyritic? or late stage alteration feature; speckled dark green chl	Upper 15cm is completely bleached looking more like a fam RHYL as previously reported. Lim alteration on fracs Minor cb veining ~ 123.80.	@ ~ 123.35 1mm galena cube? w/ alteration halo around it (chl) or poss Sb(?); nearby narrow qz ven, but no apparent assoc. @ 124.05 Lower contact faulted						
124.05 - 124.70	QZMZ, as previous Fsp phenos generally smaller, more consistent size	near lower contact is bright green sericite alteration occuring in discrete patches.	Lower contact broken, but not extensively sheared or faulted						
124.70 - 127.80	ANDS, as previous, porphyritic chl. w bright green seri alt'n;	~~Totally~~ Generally strongly bleached w/ mod. lim. Mod cb stockwork veins.	127.30 - 127.80. Zone of py after fs?, colourless halos around py.; up to 5mm. ~5% py, some longer patches. poss gn. lower contact w/ QZMZ broken, but not sheared	* 09251	127.3 - 127.8	0.5			
127.80 - 139.66	QZMZ - as previously describe.	Seri.	Shearing of QZMZ is moderate to weak. @ 132.20 vuggy area of core w/ low angle fracs ~ 70-20° CA @ 134.70 rel. abund py on frac sfc					-	

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	QZMZ (cont'd)	135.60 – 137.20 strong clay/ seri alt^{n}, highly fragmented core.	135.60 – 137.70 (sample interval) strongly sheared QZMZ/GRDR. w/ locally abundant ± py + Sb/gn.; esp @ ~136.30						
139.66 – 142.95	ANDS dyke; somewhat different from previous. darker green-grey. w/ ~10% pinkish white fsp phenos. Appearance is relatively homogenous matrix w/ zones of abundant small fsp phenos to rare, but larger fsp phenos.	139.70 – 140.0 bleached near upper contact to pale green + brown hem alt^{n} Still strong seri Frac sets show lim w/ cb.	UC marked by narrow cb vnlt + qz, + abund hem/lim w/ slickensides ll to vein or contact 45°CA LC appears sharp, probably faulted						
142.95 – 160.70	QZMZ/ Fsp phenos locally abundant clusters of 40% (Alteration is variable as mafic content of QZMZ is somewhat variable (5-10%.)	Weak clay alt^{n} w/ lim + hem. Seri stronger, particularly moving down hole w/ bright green patchy spots visible. 145.50 → seri v. intense	UC zone v. broken, lim/hem on fracs, minor py cons. on sets. (147.90 – 143.50) 145.50 – core more competent abundant pressure solution lim/hem vnlts (?), w/ minor cb vnlts, Long, low angle fracs and weathered out cb? vnlts. @ 146. @148.8 incr. py ~ 1-3% in narrow stringers @150.05 fault gouge w/ py to 20%. ~ 45°CA @151.6 – 151.9 narrow low angle py vnlts ~ 1mm/30°CA @157.2 shear 3mm/50°CA	09252	147.2 – 148.7	1.5			
				09253	148.7 – 149.7	1.0			
				09254	149.7 – 151.1	1.4			
				09255	151.1 – 157.0	0.9			

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	QZMZ (cont'd)		159.55 - 159.65 (approx) historical / sample. - abund py dissem in QZMZ. - 15% py; QZMZ v. bleached., v. distinct zone.	09256	159.65 - 160.39				
			160.49 - 161.20 fault zone overprinting shear contact w/ ANDS dyke ~ 5% py, gouge is med grey	09257	160.93 - 161.85				
160.70 - 163.68	ANDS dyke., med dk green-grey w/ speckling/mottling of chl,	Generally rich chl and seri wk cb; py.	ANDS w/ trace py, through locally concentrated along fracs.	09258	161.85 - 163.37				
			Lower contact also faulted/sheared w/ incr py, gouge	09259	163.68 - 164.54				
			Within dyke py generally incr. w/ depth to lower contact.						
			Other shear planes @ 162.60 15°CA @163.00 15°CA, minor gouge.						
163.68 - 179.36	QZMZ, mod to wk steering; pink to pale white w/ green blotchy chl + pale green seri;	Highly altered, Seri Chl. K-spar?	Upper contact broken/faulted. (sample?)						
			@164.1 large dissem patch of blu-grey SX - SB? - looks soft & ductile, occurs w/in mod. bleached QZMZ.						
			@166.75 poss fault, broken & ground core, clayey. Minor py.						
			@169.82 qz vn, diffuse, flooded into core, Minor py - fair strength cubic; 6cm / 50°CA						
179.36 - 180.35	ANDS dyke; not porphyritic as other green grey;	Chl, seri alt= mod.	~ 1% py. Irreg upper contact w/ QZMZ	09260	179.36 - 180.35				

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
180.35- 210.92	QZMZ - wk to moderately altered. Pale pink, light grey w/ 5-10% mafics altered to chl.	Mod ser., wk-mod chl.	188.65 - 189.15 Faulted, broken QZMZ.						
		ab assoc w/ fracs.							
		Locally strong lim (hem) w/ mafics							
	188.90 - 189.16 ANDS dyke. mod. pyritic (2%)			09261	188.90 - 189.16	0.50			
	190.07 - 192.15 ANDS dyke. more pyritic @ upper contact and lower contact (py rubbly up to 3mm)	ANDS shows ser patches and weak ab vnlt/stkwk	189.16 - 190.07 Historical sample (0.55 g/t Au) probably due to 1cm qz-sx vnlt. @ ~ 190m. Similar vnlt in ANDS @ 190.10m. LC of 2nd ANDS ~ 40°CA.	09262	190.07 - 191.15	1.08			
				09263	191.15 - 192.15	1.00			
	200.27 - 201.90 ANDS dyke - mottled w/ dk. green/black chl. locally pyritic to 2%, lower 50cm v. broken.	Surface completely oxidized brown.							
			@ 203.70 ANDS dyke stringer, appears sheared. w/ diss py along lower contact; irreg. contacts (py ~ 1-2%) 2cm/40°CA						
			209.70 - 210.62 Historical sample (X3788) Pyritic QZMZ zone py up to 5%; avg 2%						
210.92	EOH.								

CME

96-28 Relog

								Depth	Dip	Azimuth
		Total Depth (m):	358.32	Contractor:		Hole survey type:				
Project name:	SKUKUM	Grid:	UTM NAD 83	Northing:	6673011.642	Started:				
Project # :	CPSK	Dip:	-50	Easting:	483859.303	Completed:				
D.D. Hole #:	96-28	Azimuth:	187	Collar Elev.:	1008	Logged by:	TV			
	Relog	Core size:	NQ			Date logged:	10/10/03 - 10/11/03			

Scale	From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	0 – 12.75	RFP; buff/tan to pale pink; 30% fsp phenos	0–8.84 M/S M-ser; local chl hem/lim variable. W–M 8.84–12.75 S/X; clay, advanced argillic (ser); chalcedonic veinlets.	Locally abundant chalcedonic qz veins; randomly oriented from 0° – 90° CA. – Tension gash infill						
	12.75 – 52.80	QFMZ – brown weathering 12.75 – 14.20 ALT – X; abund chalcedony ~ 14.00 – 14.20. 14.20 – 16.70 ALT – S w/ local M. 16.70 – 30.70 ALT M (prop/ser)	clay alteration, core weathered & pitted.	WC v. gouge; sheared. 16.25 – 16.45 low angle chalcedonic qz vnlt. 5mm/15°CA @18.10 chalcedony vn w/in pink fine grained intrusive or alteration? ~7mm/70°CA						
			23.36 – 24.09 – ALT S clay, prop. ser	@21.40 qz-lim vnlts (tension fill)						
		30.70 – 31.7 – ALT – X 31.70 – 52.80 ALT – M. (prop)	30.70 – 31.70 (8100 151) ALT – X; green ser; clay; v. sharp contacts w/in QFMZ @36.45 ALT S over narrow interval, around diffuse vn. 38.16 – 38.96 ALT S/X around qz vn, clay alt, ser	@28.98 qz vn., with massive 1cm/145°CA; w/ py in selv.; vn itself barren @34.6 qz vn 4mm/40°CA; dk alteration halo around vn. @~38.55 qz vn, multiphase dk alt° halo, ~2cm/?						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	QZM2 (cont'd)		@416 ; qz vn, wht massive w/ dk selv. ∅ alteration halo ~4mm/75°CA ; ~2cm argillic halo.						
	QZM2 grades into v. typical brown weathering unit, w/ moderate matic. trace diss py. non-magnetic	Relatively common tan/orange chalcedonic tension fill vns.							
	52.05-52.25 Rel unaltered Palsic, Cn-grnd dyke, pink - AKDK (?)	QSDm ; ALT - S, some clay. 50 - 52.80 ALT S/M ; avg increasing w depth to contact.							
52.80 - 62.80.	RQFP, ALT M, buff to wh-fe w/ 10% qz eyes, 5-10% pink fsp, minor weathered boxwork py	ALT - fracs w/ clay alt'n esp. near contact ; generally a moderate seri matrix, lim/hem altered py (?)	UC sharp, close to 90° CA.						
			LC sharp 40°CA.						
62.80 - 68.12.	QZM2 - typical brown weathering, medium grained, equigranular ; hbl primary matic <10%.	ALT - W (M) localized. wk propylitic ; wk seri - rare chalcedonic veins.	no pyrite						
	Magnetic (wk-mod, decr downhole) Incr. shearing downhole toward LC.		66.20-67.30 (sample B100153) Series of narrow qz vns. in QZM2. 3-5mm, wht massive qz w/ dk selv ; dark (chl?) w/r alteration						
68.12 - 68.30	RQFP, intensely sericitized green, LC completely sheared and clay altered								
68.30 - 68.52	QZM2, strongly sheared.								
68.52 - 93.36.	RQFP, upper/lower contacts strongly sheared and altered, Shearing decreased toward centre of unit, but still v. broken.	ALT - S, locally X. clay, green sericitization of fsp.							
	75.70 - 77.45 v. strong shearing, fsp. completely altered, faulted in centre.	lim/hem appears to locally conc. around fsp. (sfc oxidation)							
		Green seri appears to act as a tension gash fill material	~83.6-83.9 ~ 30cm fault zone broken core.						
		Clay alt'n increasing toward contact							

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
93.36 - 100.28	QZMZ; sheared; brown-weathered as typical, but higher alteration grade. 93.36 - 100.28 v. strong shearing. ~ 20° CA. (@ 98.70m)	ALT - S; argillic (clay, seri)	UC sharp ~70°CA, intensely clay altered; alteration primarily affects the QZMZ						
	100.28 - 105.50 much less internal shearing; narrow seri/clay alt. marks bounds of shearing.	100.90 - 101.65 ALT W; magnetic reappears.							
		101.65 - ALT W/M; incr. prop/seri/l minor chl.	@ 102.35 chalcedony-qz valt; fairly intense prop alt'n i. w/r. for 30-50cm.						
		103.14 - 103.92 Alt halo around qz vn; seri-clay	@ 103.6, brecciated 124YL?	09281	101.80 - 103.14	1.34	15		
			QZ VN.; v fine grained qz (cryptocrystalli.l.).- dk grey pass SX.	09282	103.14 - 103.92	0.78	20		
	105.42 - 105.50 narrow ANDS dyke. ~70°CA	103.92 - 105.42 ALT - M, weakly sheared.	Vn ~ 1 cm / 30°CA, vuggy.	09283	103.92 - 104.88	0.96	45		
105.50 - 120.68	QZMZ - ALT - W. Relatively fresh QZMZ, magnetic (mod to locally strong). Brown weathering due to surface exposure; minor cc-qz valts w/ cm scale alteration envelopes.	105.50 - 120.65 QZMZ ALT - W. magnetic reappears locally where QZMZ appears fresher esp ~ 107.90							
			@ 114.80 Fault/shear zone - Local gouge clay						
			@ 116. Fault/shear zone ~10cm. 35°CA; intense clay alt						
120.68 - 157.86	QZMZ - ALT - W/M., magnetite disappears								
				09284	122.00 - 122.47	0.47	10		
	122.47 - 123.31 ANDS dyke, sharp contacts v. magnetic; fsp porphyritic	ALT - N/W.	UC. - 55°CA LC - 70°CA. AH envelope around hairline Cb/qz w/ py - asty	09285	122.47 - 123.31	0.84	15		
				09286	123.31 - 124.00	0.69	10		

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	QZMZ cont'd Alteration varies throughout QZMZ unit, from quite fresh & magnetic to v. brown, rusty, w/ low matrix and no magnetism (thought still weak), Alt appears assoc. w/ narrow hairline veinlets w/ large (up to 25-50cm alteration haloes. QZMZ incr. shearing.	ALT M - local propylitic. 128.20 - 129.03 mod silicification (qz flooding in QZMZ. 132.74 - 135.78 ALT-M 141.72 - 152.86 ALT-M (brown alt, no magnetite.	@129.25 Fault/shears. @129.45 Qz.vn. 50°CA/2cm @133.95 narrow qz vn wht. 3mm/50°A @143.15 qz vn. 1cm/50°CA; wht. qz w/ cb + py along selv; argillic alt aur. ~ 4cm wide @147.37 narrow black shear plane w/ clay alt 45°CA. @151.87 qz vn., 1cm (stacked) 60°CA. w/ py+chl±cb selv.						
152.86 - 153.68 153.68 - 164.86	ANDS - porphyritic, bleached w small qz.cb tension gashes. QZMZ -	ALT- M/W, bleached, chloritized hbl; cb infill ALT- M/W.	UC sharp/shear plane 40°CA pyritic in first 5cm LC sharp. 55°CA @162.93 QZ-PY-SE VN. 35-50°CA 2-3cm., v. fn grained py, massive dissem. SE.						
				09287 09288 09289	161.45 - 162.60 162.60 - 163.04 163.04 - 164.29	1.15 0.44 1.25	10 760 5		
164.86 - 166.11	ANDS dyke - med green; chl/hbl porphyroblasts?, minor cb vnlts.	ALT- M/W; chl dominant.	UC sharp, no shearing 40°CA LC sharp, 45°CA. pyritic						
166.11 - 168.13	QZMZ - brown weathering, silica flooding	ALT - M/S; abund ser; locally abund limonite (ser)							

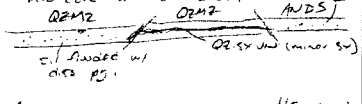
From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
168.13 – 170.47	RFP., pale green to off white Strongly sheared, flow-banded @ upper/lower contacts	ALT-S - strong sericitic (mineralization of py?) also accumulates around fsp. phenos.	UC, sheared & faulted ~ 40°CA LC, ~ 45°CA						
170.47 – 172.50	QZMZ., as previous (sheared)	ALT-M.							
172.50 – 173.43	ANDS, purple.	ALT-M.	UC. - healed shear, pale yellow. v. fn grained contact (~1cm) 55°CA						
173.43 – 174.80	QZMZ - as previous (sheared)	Pyritic @ upper/lower contacts ALT-M, silica-flooded							
174.80 – 175.47	ANDS - as previous								
175.47 – 178.87	QZMZ. - as previous, (sheared)	ALT M/S.							
	176.50 – 177.00 bleached ANDS? poss RHYL, tan brown, ~~very coarse~~ Centre section is red brown, showing sheared and rotated (healed) frags of the dyke.	ALT. M/S. chl porphyroblasts - med/lt green.							
178.87 – 181.00	Highly altered ANDS dyke, possibly cross cut by a RFP dyke. V. dk brownish-red to green, 180.30 – 180.70 bright green shear/ fault @ low angle (20°CA) through ANDS. - looks more RHYL 180.70 – 181.00 – v. altered ANDS.	ALT-S chl purple.	UC 60°CA LC ? fractured						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
181.00 – 202.10	RFP.; highly sheared and altered highly kaolin and bleached core. Upper 50cm w/ hem/lim altered sx? thin veins. 191.47 – 195.50 pinkish RFP. 201 – 207.10 flow banded RHYL.	ALT M/S. clay/seri alteration	LC broken, clay rich. @ ~181.10 bright yellow alt^{n} env. around v. thin dark vein. Flow banding – ~20°CA (variable.)						
202.10 – 207.80	QZMZ, sheared;	ALT – S.	LC ~45°CA Dark grey mylonitic sx(?) near LC. LC sheared against ANDS	09290 09291	200.86 – 202.10 202.10 – 202.80	1.24 0.70	10 40		
202.80 – 206.31	ANDS – variably altered, sheared (clour varies from olive to dark green.) olive shows chl porphs. 204.00 – 204.42 – QZMZ dyke. ~5cm.	ALT – S, M.	ANDS unit generally pyritic (no vis. ppy, but looks similar to other Au-bearing ANDS dykes.)	09292 09293 09294	202.80 – 204.42 204.42 – 205.44 205.44 – 206.31	1.62 1.02 0.87	10 5 1.14%		
206.31 – 207.06	QZMZ, sheared,	ALT – S.	"block breccia @ ~206.87, also near LoC.	09295	206.31 – 207.06	0.75	245		
207.06 – 210.17	RFP –	ALT – XAS. esp near UC.	UC faulted/sheared	09296	207.06 – 208.48	1.42	90		
210.17 – 210.57	ANDS, porphy, bleached.	ALT – S	LC. clay altered, strong shearing UC 30-35°CA LC ~40°CA (opposite direction)	09297 09298	208.48 – 210.17 210.17 – 210.57	1.69 0.40	30 50		

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
210.57- 221.85	QZMZ, sheared; brown weathering slightly pitted.	ALT - S/M v. strong prop. / strong arg (ser) incr clay. Yellow alt± assoc w/ sl/vnings & dk mylonite - As-oxide?	213.10 → ≥ incr. occurrence of dk grey sx mylonite in QZMZ., @213.93 QZ VN w/ py, poss Sb. 1.5cm/30°CA. @219.15 dk mylonitic ? grey sx, w/ yellow alt± mineral along	09299	210.57 - 212.15	1.58	25		
				9300	212.15 - 213.73	1.58	635		
				09301	213.73 - 214.58	0.85	525		
				09302	214.58 - 216.10	1.52	10		
				09303	216.10 - 217.63	1.53	5		
				09304	217.63 - 219.16	1.53	15		
221.85 - 247.56	RQFP (all sampled) Pale green to white, spherulitic w/ flow banding near upper contact 5-10% qz phenos, 5% fsp phenos	ALT - M Ser, wk clay?	(Logs: 219.16 - 220.68, sample B100154 2.16g/t Au) Flow banding v. low CA (~5°) Unit pyritic 1-2%, boxwork py ~230.60 internal brecciation of RQFP; dk grey infill material between rounded / milled RHYL matrix @233.43 dk grey fragmented rk (?) 237 - 237.35 narrow (<1mm) sx vnlt ll to CA ~1 up to 1cm alt± halo (brown) into wlr.; local tension gashes filled w/ qz / py 246.13 - 246.33 RHYL BX w/ infill by dk grey sx (?) matrix Very dark material from 246.25 - 246.33 @ 246.35 Flow banded RHYL ~50°CA. over 20cm.						
247.56 - 247.72	"Block breccia", dk matrix supported mylonite w/ RHYL frags, rounded & rolled; also qz frags, pyritic -	ALT - (?)	Shear zone contact between RQFP & QZMZ.						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
247.62 – 253.30.	QZMZ ; v. sheared.	ALT – S ; dom. seri wit, v. rare to absent matic (chl)	localized occurrence of mylonitic sx infill (dominantly py), esp @ 247.9-248.05; 248.3 – 248.5; 250.9 251.35 (last two are narrow ductile shears)						
253.3 – 253.6.	RHYL, flow banded, ~ 75°CA	ALT – S/X	may be one large mixed HLBX zone.						
253.6 – 254.05	HLBX, QZMZ + RHYL frags w/in dk (sx) matrix; mylonitic "Black breccia" – pyritic								
254.05 – 254.55	RHYL, flow banded								
254.55 – 255.73	QZMZ, v. sheared								
255.73 – 269.45	RHYL, v. sheared to brecciated (originally, probably ROFP)	ALT – S/X ; locally v. strong to complete sericitization	Local pressure solc sx veins – Breccia runs from 255.72 – 256.35 (approx)						
	256.35 – 260.70 relatively competent, less altered sheared RHYL/ROFP dyke.	ALT – M.							
	260.70 – 269.45 flow banded ROFP. 50°CA.		260.30 – 260.60 narrow sx veins w/ up to 1cm yellow alteration (oxidation halos (As-oxide?)						
269.45 – 273.60	"Black breccia" Dark grey mylonite shear zone, pyritic w/ RHYL/QZ frags. Generally matrix supported, frags rounded & milled.		Boundary shear between upper ROFP & QZMZ.						
273.60 – 279.91	QZMZ, sheared	ALT – S. 1m/1cm alteration on frac planes	Minor dk mylonitic stringers which make this core appear dark						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
265.91 – 271.76	RQFP, flow banded, through weak in areas away from contacts	ALT - M. 265.91 - 267.10 strong seri. (flow-banded zone)	uc Flow bandings 45°CA minor "stylolitic" veins - sx ? - these seem to orient variably but also preferentially along flow bands.	09305 09306 09307 09308	265.91 - 267.40 267.40 - 268.90 268.90 - 270.40 270.40 - 271.76	1.49 1.50 1.50 1.36	10 10 15 10		
271.76 – 277.76	ANDS ? DACT ?, bleached, wk grey; silicified	ALT M/S (?)							
277.76 – 288.60	QZMZ, sheared & (decrease w/ depth)	ALT M./S; seri, wk clay strong brown weathering (sfc ox) bleached 280.40 → incr bleaching, decr brown weathering (loss sur exposure?) ALT - S.	occasional dk grey sx ? along frac sfcs. 277 - 277.20 Fault zone. 278.40 - 278.50 Fault zone. 280.40 - 280.60 Fault zone 35-40°CA. @283.75 Shear zone 8cm wide 35-40°CA. @288.60 LC shear w/ silica injection, qz vn @ contact. @288.62 QZVN, w/ py; pods massive asp (int alt), 5-10mm wide / 50°CA						
288.60 – 296.35	ANDS dyke; bleached; porphyritic (hbl → chl) + seri (fsp) phenos; moderate qz-cb stockwork (tension gash fill)	ALT - M.; seri, chl, bleached	@ uc, qzvn; breccia intrusion down CA for 25cm - ANDS/QZ flag; pyritic	09309 09310 09311 09312 09313 09314 09315	287.10 - 288.60 288.60 - 289.26 289.26 - 290.78 290.78 - 292.30 292.30 - 293.83 293.83 - 294.97 294.97 - 296.35	1.50 0.66 1.52 1.52 1.53 1.14 1.38	25 50 15 10 15 15 10		
	292.53 - 292.96 · QZMZ - bleached; shear contacts	- ALT - M/S.							
	293.80 - 294.97 QZMZ, as above.	- ALT - M/S.	uc 50°CA. LC ~ 35°CA @293.34 1cb on frac sfc. uc. 40°CA, LC ~ 50°CA ANDS faulted @ LC for 10cm @ 50°CA.						
	294.97 - 296.35 Qz-cb stockwork stronger (in ANDS, main tension fill down CA w/ numerous sub-perpendicular offshoots								

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
296.35 – 311.20	QZMZ; mod shearing,	ALT-M; bleached, -appears silica flooded; -mod-strong Sr; -brown weathering sfcs	@297.10 narrow 4cm breccia zone, qz-fs frags (QZMZ source) w/in med-dk grey matrix 40°CA.	09316	296.35 - 297.85	1.50	30		
			@300.39 gouge, 5cm, "talcy"						
			304.45 narrow ANDS dyke - bleached -	09317	303.25 - 304.75	1.50	15		
			304.75 – 305.35 strong shear zone in QZMZ, ~15-70°CA; minor vn. py, poss trace aspy	09318	304.75 - 305.35	0.60	15		
			@306.40 chl/seri matrix mylonite in QZMZ, qz frags w/ minor Sx, poss tr. aspy?	09319	305.35 - 306.75	1.40	40		
311.20 – 312.20	HLBX - matrix supported, may be simply disaggregated QZMZ.	Seri-rich matrix w/ chl	Rare Sx (py)						
312.20 – 321.26	QZMZ, wk. shearing; gouge frac sfcs	ALT W/S.							
			LL QZMZ w/ black shear mylonite						
321.26 – 323.32	ROFP - pale green, rcl. abund, fine qz-cb tension gash infill vnlts. Flow banded locally	ALT-M; seri, mod clay.	UC sheared ~60°CA	09320	319.20 - 321.26	2.06	30		
			LC sheared over 15cm, clayey gouge; extends into QZMZ	09321	321.26 - 323.32	2.06	15		
323.32 – 324.18	QZMZ, sheared, (brown weathering)	ALT-M Silica flooded, due to 1cm qzvn down core axis	323.82 – 324.18 1cm QZ VN w/ py, parallel to CA; appears sheared into core at both ends. 	09322	323.32 - 324.18	0.86	75		
324.18 – 324.42	ANDS, purple, bleached	ALT-M	Minor Sx assoc w/ qz vnlts (py)	09323	324.18 - 324.42	0.24	15		

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
324.42 - 326.70	QZMZ; as before, bleached and sil flooded locally	ALT - M.	Trace diss py;	09324	324.42 - 326.70	2.28	20		
326.70 - 363.60	ROFP; Typical pale green to off white sheared.	ALT - W. @ uc ALT-X (seri)	uc sheared, v. green ~40°CA, w/ late qz vn (euhedral xtals)	09325	326.70 - 328.20	1.50	20		
		V. green seri core ALT - X ← assoc w/ shear zone	341.25 - 342.10 Shear zone ~35-40° CA						
	@ 344.60 10cm QZMZ (v. alt'd) frag. sheared into ROFP. (V. seri alt'n & silic)		347.20 → 347.9 qz vein, boxwork, massive, milky wht.						
		349.03 - 350.98 v. intense seri alt'n; follows core axis, may be assoc w/ alt'n halo of narrow hairline qz-cb vnlts (s)							
		~352.60 core becomes tan/pink. (frosier) until ~ 361.60 where it becomes green & flow-banded again; Fsp porphs larger. (up to 3mm)							
363.60 - 382.05	QZMZ - wk shearing	ALT - M/W. - seri, minor chl - v. wk clay (localized) - bleached	@ 365.60 High grade qz-SX vn (Historical sample B100196, 1.439/t Au, 490.2 g/t Ag), main vein is 2cm/30°CA, but abundant qz-SX leakage into wallrock; SX appear to be py, aspy, Sb. poss galena.	09326	363.60 - 365.50	1.90	40		
				B100196	365.50 - 366.20	0.70	1.439/t	490.2 g/t	← Historical
				09327	366.20 - 368.20	2.00	50		
				09328	368.20 - 370.03	1.83	30		
				09329	370.03 - 371.55	1.52	70		

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au ppb	Ag ppm.	Other
	QZMZ (cont'd)	Strong propylitic alt^{n} of QZMZ, wk seri.	Starting @ 371.55 to 382.05 widely spaced qz-sx vn stockwork zone; narrow qz-sx vns similar to previously described; generally 2cm or less, 35-60° CA. Typical sx of py, aspy, stib, gn (?), poss cpy. Veins show some sx leakage into wall rock.						
			Vns @ 371.55 (vnlt, alt^{n} zone)	09330	371.55 - 373.08	1.53	70		
			371.86 1cm/40° CA	09331	373.08 - 374.60	1.52	40		
			373.22 - wht qz, minor sx.						
			373.41 - wht qz, diffuse						
			373.51 - dk dtf zone						
			374.35 - narrow qz vn.	09332	374.60 - 376.12	1.52	15		
			376.65, - 1.5cm/35°, 30% sx.	09333	376.12 - 377.65	1.53	90	28	
			378.04 - 0.5cm/60°, 15% sx	09334	377.65 - 379.17	1.52	35		
			380.45 - 2.5cm/45°, 25% sx	09335	379.17 - 380.70	1.53	270		
				09336	380.70 - 382.05	1.35	215		
382.05 388.32	RFP - pale green, offwhite to pale pink. Variable fsp phenos 5-25%	ALT - W/M. ALT - S @ upper contact w/ buff green seri	Sheared UC., ~30°CA	09337	382.05 - 383.74	1.69	20		
388.32	END OF HOLE								

CME

Project name: SKUKUM
Project #: CP56C
D.D. Hole #: 96-29
(Zelog)

Length (m): 156.67
Grid: UTM NAD 83
Dip: -50
Azimuth: 180°
Core size: NQ

Contractor: CARON
Northing: 667 2831.345
Easting: 484 346.539
Collar Elev.: 925. Rc

Hole survey type:
Started:
Completed:
Logged by: TV
Date logged: 11/07/03

Depth	Dip	Azimuth

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0.00 - 2.01	CASING / NSO CORE								
2.01 - 33.22	QZMZ, med grained equigranular, pink + green when fresh; characteristic brown Sfc weathering of rock due to Sfc exposure, esp. where alt'd Minor ANDS/DIOR dykes; where fresh, v magnetic.	ALT - W; but locally altered from fresh to strong propylitic to wk argillic 5.36 - 9.76 ALT - W, fresh 9.76 - 10.85 ALT - M. 10.85 - 11.78 ALT - S; numerous narrow calcitic/Sx veins and qz vn fragS 11.78 - 13.41 ALT - M 13.41 - 17.90 ALT - W 17.90 - 20.10 ALT - M 20.10 - 21.10 ALT - M 21.10 - 23.50 ALT - W 23.50 - 29.88 ALT - W, propylitic 29.88 - 33.22 ALT - M. ~ 31.70 - 33.22 ALT - S/M	Py rare << 1%. Minor qz vning w/ alteration halos; -vns typically < 1cm 50-70°CA @ 5.96 qz vn; multi vnt 1cm / 80°CA. @ 11.33 calcitic/Sx vein 3cm / 80°CA w qz vn fragS. @ 30.23 qz vn; 1cm/ 80°CA w QZMZ incl. 15-70cm / 45°CA @ 30.53 HLEX 4cm / 45°CA, sharp contacts 31.70 - 33.22 mod shearing w/ several narrow calcitic/Sx veins; wk myl.						
33.22 - 35.95	ANDS, porphyritic; wk-mod qz-cb stwk	ALT - M/W, olive brown Sfc weathering, fresh is v. pale green grey - bleached Pervas sericitized w/ v. fine	Rare py << 1% as discrn patches.						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
35.95 - 37.98	QZMZ, wk shearing along CA	ALT-M, bleached wk ser/sil, strong propylitic; clay alt on fracs.	LLC, irreg. intrusive LC sheared w/ qz-ser cataclastic contact, pinches out, dk gray w/ qz frags; 10-15% py minerals, wk v. fn grained						
37.98 - 46.30	RQFP, (now marker); greenish brown matrix w/ ok grey-blue qz eyes up to 3mm, well-wkd to blown altn fsp phenos, minor xenos of hyalino'd QZMZ/ANDS, 20-30% phenos fsp laths appear to have wk preferred orientation (eg @ 42.50m, ~30°CA)	ALT-W	46.20-46.70 LC shear zone, strong shearing of RQFP, 1 cm. clay gouge						
46.30 - 47.40	QZMZ, mod shearing @47.72 narrow ANDS dyke(s), v. bleached, sulphy.	ALT-M/S, bleached ser/sil alt of fsp	46.94 - 47.12 shear/MALT, dk ser/sx matrix, v. crse sulp fsp/qz pheno, Yellow alt mineral assoc - pres As-ok.						
47.40 - 48.46	ANDS dyke, mod qz eb stkwk zone to be small tension gash infills < 2mm wide fairly random orientation.	ALT-M, bleached; phenos browning much lighter green due to ser alt 47.38-47.93 ALT-W, hematitic ANDS, esp on fracs & veins							
48.46 - 54.36	QZMZ, wk shearing, increase dominance 52.00-54.36 sheared, alt'd	48.46-52.60 ALT-M 52.60-54.36 ALT-S	Py v rare <<1%						
			@LC shear contact w/ ANDS, ok grey sheared material						
54.36 - 55.05	ANDS, wk mod qz eb stkwk, Lpropy.	ALT-S, bleached, pyritic near contacts Mem-ch qz veins Bright green ser/chl phenos.	Py ~ 5% near LC.						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
55.05 - 55.87	QZMZ.	ALT-S, v. bleached, seri common.	@ 55.80 cutting shear 4mm/40°CA.						
55.87 - 57.31	ANDS, porphyritic	ALT. S v hematitic from 56.6 - 56.90	Overall py <1%, except near shears / LC, where it is 5-10% in stringers & coarser blebs						
		ALT-V 57.2 - 57.31; v bleached & pyritic	LC 50°CA, sheared.						
57.31 - 57.75 (incl. LC)	QZMZ; FLT-Z, v fragmented, v all'd unit sandwiched between ANDS & RQFP	ALT-K/S albite clay on fract.	57.60 - 57.75 v rubbly zone FLT-Z						
57.75 - 60.88	RQFP, fairly similar to previous RQFP, except fewer & grey smaller and less of them Flow banded @ LC, lighter tan colour. (Central Marker)	ALT-M @ LC v green sericitized zone (ALT-V) ~ 2-3cm wide	Flow banding near LC. 65-70°CA.						
60.88 - 61.89	ANDS, porph, sheared.	ALT-S, strongly bleached.	Py finely disem 1-2%.						
61.89 - 62.68	QZMZ, sheared	ALT-S., v. strongly bleached +/- qz flooded, seri - clay	Py rare <1% Mostly fract. towards LC (zone of weathering)						
62.68 - 62.94	ANDS, sheared.	ALT-S;	Py <1%						
62.94 - 68.71	RHYL, pale green to off white v fn grained 62.94 65.57, Flow banded, foliated RHYL 65.57 - 68.71 RQFP, same as previous (Central Marker)	ALT M/S; pale green seri musc; minor clay as fractures	@ LC, Fresh RHYL w/ chill & healing w/ dk grey material & fn-grained qz ?; LC is 55°CA, sheared Py disem, + vein + vuggy ~ 1% Flow banding ~ 60-70°CA						
68.71 - 76.77	MYLT/SHR-Z, original lith obscured but probable ANDS or RHYL, v faint evidence of planes (seri) typical of ANDS Extremely sheared & sulphidized	ALT-K; clay rich, v. fissile.	Strong shearing starting immediately @ LC of RQFP, dk grey SK-rich matrix w/ py + asky ~ 10-20%. Local bx'd qtz vnd 7030 - 7677 FLT-Z; clay only.						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
70.77 – 77.05	QZMZ, v. sheared, AH'd. Zones of dk mylonitic shear zones, but generally narrow and confined to under 10 cm. (Measurements here appear more due to rock contortion from sample splitting)	ALT-X/S. 70.77 – 71.33 ALT-X, clay, mylt 71.33 – 76.30 ALT-S, less clay, local mylt.	Py quite rare <<1%, ~1% in MYLT zones, but even still not prominent. Q74.20- qz flooding. 75.10-75.85 MYLT zone in QZMZ						
77.05 – 77.73	MYLT, strong dark fabric developed w/ QFMZ frags & augen; Fabric 60° CA	ALT-X	Rare visible py. Dk matrix appears greenish brown – primarily clay + seri						
77.73 – 86.46	RFP light tan brown RHYL matrix w/ legged, ghosted fsp phenos; Generally quite consistent & homogenous over interval	ALT-M; mid seri incr. LC, pale pink alt (hem?)	77.73 – 79.00 V. fract'd – FLT-Z. LC sheared, sil. rich, w/ minor SX						
86.46 – 105.91	QZMZ, sheared; qz-rich, local strong shears demarked by mylonitic black bands	ALT-S; v green, seri rich; incr. silica content - qz flooding C 87.96 qz-rich zone ~ 10cm 93.73-93.85 qz-flood zone. 94.40-95.51 AH change where argy rich; rock less green, more white due to qz flooding; fsp still v. seri rich.	UC ~ 10cm v. green seri alt, highly sheared w/ clay/gouge 30° CA. Py ~ 1-3%; finely disem in QFMZ, zones to occupy grain boundaries 94.40 – 95.51 Argy rich zone, 5-10% acic argy; needles to 2mm long; also v. fn disem along grain boundaries 101.50-107.30 5-10% fn ground py + argy (27.50 g/t Au)						
	104.42 – 104.64 ANDS dyke; bleached, ALT-M 5% py.								
	105.58 – 105.68 ANDS, sulphidized, 15-20% SX, py + argy.								

96-29

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
105.91 - 108.60	ANDS, sulphidized to porphyritic	ALT - S/X							
	105.91 - 106.90 Sulphidized ANDS,		105.91 - 106.60 High sx content 25-30% py; disp. v. fine grained dissem; narrow qz vnlts occur w/ coarse dissem sx along margins						
	106.90 - 108.60 Purple ANDS, more typical Alt'd unit, less sx	ALT-Y, bright green ser/ phengs/ matrix & bleached, wk-mod qz-ct stkwk.	106.60 - 108.60 less sx; ≤ 5%, primarily dissem py						
108.60 - 110.20	QZMZ; v. sheared; texture becoming obscured due to alt'n & shearing -	ALT-X.	Py 1-3%						
	Grades into ANDS, but alt'n obscures change over; estimated to occur @ approx 109.50m.								
	Numerous ANDS xenos in QZMZ, generally sx occurs w/in these.								
	109.75 - 110.00 ANDS (xeno?) ——→	ALT-Y ——→	Py 3-5% dissem, pass alty but v rare.						
110.20 - 110.50	ANDS, porphyritic	ALT-Y; clay. ser/.	Rare py.						
110.50 - 111.10	QZMZ.	ALT-X, & bleached.							
111.10 - 112.37	ANDS, as previous	ALT-X.							
112.37 - 113.60	QZMZ,	ALT-Y.							
113.60 - 115.05	ANDS, as previous.	ALT-X.							
115.05 - 120.36	QZMZ, sheared	ALT-X; texture obliterated; & fissil; no mafic content, lower qz stockwk	Rare py <<1%						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
120.30 - 121.90	ANDS; typical porph unit, mod wk qz-cb stwk	ALT - S; seri phens not as bright green as in previous ANDS unit	Py 1-2%, dissem.						
121.90 - 125.79	QZMZ, sheared, bleached,	ALT S/X, v. bleached and seri-rich, where fract'd, infilled w/ cb-qz material	Stearing @ fairly low angle to CA (dominant fracturing) local higher angle slip planes, with clay gouge						
125.79 - 127.39	ANDS, mod qz-cb stwk	ALT - S	Sy 2-5%, increase towards LC where @ contact py + aspy veinlets? or dissem concentrated along contact between ANDS & QZMZ (main sx over ≤1cm)						
127.39 - 128.50	QZMZ; sheared	ALT - Y; bleached.	Py + 5%, assay locally up to 10%						
128.50 - 132.15	ANDS, sheared, strong qz-cb stwk	ALT - X.	@ 128.35 aspy 0.15% in QZMZ dissem along grain boundaries Py 2-3%						
	129.23 - 129.40 QZMZ & qz vns 45deg, near uc.		@ 129.75 qz vns a 5mm w/ incr sx in immediate w/r						
	129.80 - 130.07 QZMZ.								
	131.05 - 132.15 QZMZ/ANDS, quite intermixed, narrow zones of each unit ANDS is highly sulphidized, esp @ 132.10	Qz loading a vning ~ 132.50	132.00 - 132.15 aspy fy 25% in ANDS						
132.15 - 133.30	QZMZ, sheared.	ALT - Y							
133.30 - 133.60	ANDS, sulphidized, v. dk grey & porphyritic	ALT - X	Dark grey-blue qz-sx veins w/in ANDS						
133.60 - 134.68	STKR - Z; dominantly QZMZ w/ MAFIC XENOS	ALT - Y	Py 2-5% occurs as dissem & as diss aggs w/ qz						

96-79

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
134.68 - 147.89	QZMZ; cut shearing.	ALT-X, decreasing to S by end of interval. Strong bleaching; sericite clay	Py 1-3%, f. fine dissem, esp on frac sfcs.						
			@139.40 qz vn, mass whit, 2cm						
			139.40 - 139.90, poss FLT-Z., v. broken core, clay-rich frac sfcs.						
			147.15 - 142.65, general area of narrow anastomosing qz vnlts/qz. stockwork.						
		149.25 - 147.89 ALT-S; still strong ser; though continuing to decrease down hole.	@143.25 narrow qz vnlt w/ aound dissem Sx in w/r; vn is 5mm/60°CA	07388	143.59 - 144.79				
147.89 - 149.05	ANDS, porphyritic; locally sheared w intermixed QZMZ	ALT-S, bleached		07389	144.79 - 146.19				
			@146.26 qz-Sx vnlts, sulphidized ANDS w/r. over 5-10cm of vnlt - fracstg 5-25%.	07390	146.19 - 147.89				
	148.62-148.74 QZMZ.			07391	148.62 - 150.00				
149.05 - 149.65	QZMZ, sheared.	ALT-S.	Minor cataclastic dark shear near LC						
149.65 - 151.58	ANDS; porphyritic.	ALT. S, bleached;	Py < 1%						
	150.00-150.10 QZMZ.								
151.58 - 153.00	QZMZ,	ALT-M, propylitic, poss K-spar @ UC. or here							
	151.86-151.99 ANDS, 7cm/30°CA.								

96-29

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
153.00 - 153.71	ANDS, med green grey, homogeneous, wk qz eb alt'n	ALT-M							
153.71 - 154.27	QFMF	ALT-M							
154.27 - 154.66	ANDS; as previous	ALT-W; except fract contacts where bleached	UC/LC 30°CA, trace py.						
154.66 - 156.67	QFMF	ALT-M/W; generally propylitic.							
156.67	END OF HOLE.								

CME

G 96-30

Project name: SKUKUM
Project #: CP56C
D.D. Hole #: 96-30

Length (m): 176.78
Grid: UTM NAD 83
Dip: -59
Azimuth: 180
Core size: NQ

Contractor:
Northing: 6672831.345
Easting: 484 346.589
Collar Elev.: 925.

Hole survey type:
Started:
Completed:
Re-**Logged by:** TN
Date logged: 11/06/03

Depth	Dip	Azimuth

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0.00 - 1.52	NO CORE / CASING								
1.52 - 46.99	QZMZ; med grained equigranular, unoxidized fresh + l. magnetic; plag > feldsp, minor alt'n generally brown matrix interstitial, minor ANDESINE.	ALT - W/N; variable; not properly above our previous generalized rock units	V. rare discrete v.; (rock?)						
			@ 6.4: mass wkly qz vn 1cm/60°CA w/ argillic (ser) alt'n halo.						
			@ 11.80 mass wkly qz vn 3cm/80°CA w/ dk grey sheeted upper selv; possibly alt'd host						
	@16.60 - v.l. xenos		14.95 - 15.77 low mag. brown zone, above grades into fine grained QZMZ						
			@ 18.28 qz vn 1cm/80°CA w/ minor offset,						
		19.30 - ALT - W, not properly so, local argillic around qz v's	@ 20.21 qz vn 1cm/70°CA						
	28.32 - 28.57 Dike xenol?, fn-grained, grey, chilled, similar looking to QZMZ otherwise granitic	27.98 - 27.65 ALT - N							
		30.30 - 31.40 ALT - N							
	36.35 - wk mod sheeted QZMZ 45.95	38.35 → ALT - M, above semi alteration fronts	@ 38.35 qz vn/stkwk plane 45°CA, given ~ 3mm, dk grey smeary/synge	07367	35.35 - 37.82	1.47			
			39.82 - 39.92 bx'd, sheeted & qz vn w/ SX. SX = v fn grained grey - dispy? snlz?; also bright yellow orange alt'n mineral (As. ox?); dark calcitic mineralization lower side of vn fronts.	07368	37.82 - 40.14	0.32			
				07369	40.14 - 41.50	1.36			
				07370	41.50 - 43.00	1.50			
				07371	43.00 - 44.50	1.50			
				07372	44.50 - 45.70	1.20			

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	(QEMZ, runt b)		~40:40 3-5% disem py.						
			@42.52 qz vn/flood, discontinuous ~ 5.5mm, v.fg grained qz w/ minor asscc py.						
			@44.45 narrow cataclastic shear stringers						
			@44.94 cataclastic shear 3mm/50°CA.						
			46.34-46.34 sheared qz-sx vn, 10% py, probable Gdpy	07373	45.70 - 46.44	0.74			
			Sheared contact w/ ROFP below						
46.44-62.93	ROFP, prominent ≤4mm qz eyes in white/off white fsp phenos, in v light tan matrix.	ALT-W/M; pale greenish on fresh sfc due to seri, rare sfc is brown weathered due to sfc exposure	Py absent.						
	Triangular shaped pale green xenos throughout - highly altd QZMZ/ANDS frags consumed by ROFP	Clay alt on fract sfcs	UC sheared 30°CA.						
		Minor cb-qz vn/vnlts.							
	57.52-57.82 QZMZ xeno, highly altd, sheared contacts, ALT-X.								
62.93-63.69	ANDS sheared UC, ↳porphyritic	ALT-S/M; v. brown sfc weathering, sheared w/ clay fract	Py ~1%, rare 5% @ LC.						
63.69-66.39	QZMZ, sheared	ALT-S; seri	@64.00 main shear plane; cataclastic 1cm/75°CA						
66.39-67.10	ANDS; as previous, broken + blocky w/ qz-cb stwk.	ALT-S; bleached; sericitized phenos	Py 1-7%; assoc w/ a few qz-cpy's.						
			LC 30°CA., crmp						
67.10-70.47	QZMZ, locally sheared.	ALT-S, bleached, seri rich	Rare py; seri py stringers. <1%						
			@LC, sheared again at ROFP contact disaggregate 35°CA.						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
70.47 - 91.80	ROFP, (central master) Flow banded near UC; OE exhibits flow phases generally smaller than previous ROFP; alteration appears more intense	ALT-S/M.; Ser; bleached, minor clay on fracs	@UC 35°CA Flow banding hematitic red., parallel to contact angle Very rare py. @LC dk grey serl/clay alt°.						
91.80 - 94.34	QEMZ, sheared, zones w/ dk serl/clay mylonitic/cataclastic shearing.	ALT-S; dominantly Ser, green, on fracs throughout unit, minor clay on frac surfs.	UC sheared,						
		87.60 - 88.20 v. sheared QEMZ (ALT-S); v. Ser; low dk MYLT/ cataclastic.	81.80 - 87.60 v. sheared, almost MYLT, - abund dk serl/clay + 5% - 1-3% py.	07374 07375 07376 07377 07378	81.80 - 83.30 83.30 - 84.10 84.80 - 86.30 86.30 - 87.80 87.80 - 89.20	1.50 1.50 1.50 1.50 1.40			
		88.40 - ALT-Y; v Ser/fuchs clay strongly sheared	@88.40 - shearing w/ dk cataclastic @88.55 - v. foliated/qz rich zone py ~ 2-3%, ~ 5% diss cm. @89.68 cataclastic						
			89.20 - 89.66 SHR-Z; MYLT/QEMZ, almost ⊥ to CA; trace vein qtz.	07379	89.20 - 89.66	0.46			
				07380	89.66 - 91.24	1.58			
94.34 - 94.86	MYLT, dk grey brown fg groundm matrix w/ recrystallized QEMZ frags/augen, strong shear fabric developed ~35°CA	ALT-X							
	94.86 - 96.01 NO CORE LEFT IN BOX								
	96.01 - 96.06 MYLT.								
	96.06 - 96.10 ANDS frag.								
	96.10 - 96.13 QEMZ, sheared.								
	96.13 - 97.10 NO CORE IN BOX								
97.10 - 98.30	QEMZ, sheared.	ALT-S,							
			LC, sheared, fracs broken,						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
99.30 - 111.14	RFP; fsp phenos to 5mm, gnarled, ragged to subeduel. Fairly competent, numerous, unhealed cracks from contacts.	ALT - S/M; greenish hue due to seri alt'n	UC sheared and broken.						
	Minor cb-qz veins.								
		110.72 - 111.14 ALT - V, seri, silicified between dark chloritic rich sheets	110.72 - 111.14 strong shear/alteration zone; v. green @ 110.72 shear plane 35°CA @ 111.14 seri/clay shear plane 30°CA v. soft.						
111.14 - 122.35	OZM?, v sheared, alt'd. Minor dk grey mylonitic shear bands.	ALT - V	Py ~ 2-5%; aspy increases to up to 2%, v. finely disseminated	07381	111.14 - 112.78	1.64			
	112.86 - 113.73 v. qz rich zone, highly fract'd to mildly brecciated. Assoc dk/chloritic grey SX (<1%) pass aspy.	115.09 - 119.19, ALT - V, bleached, pervasive seri, increased qz of SX	@ 112.84 Gouge 4cm, forms boundary of qz-rich zone. 115.09 - 119.19 aspy common, v. finely disseminated along grain boundaries in OZM2	07382	113.78 - 114.30	1.52			
		119.19 → ALTS, more tigered, greenish seri common, less SX (esp aspy) although py veins still common	@ 119.40 calcite/cb						
			@ 120.55 qz filled ~ OZM2 frag w/ 50% disseminated aspy along grain boundaries						
122.35 - 122.64	AnDS, porphyritic, mod-strong fine matrix stewn of qz eb	ALT - V, v. bleached, pervasive seri/clay.							
122.64 - 141.70	OZM2, mod-wk shearing, cm (core in box 23 v decomposed due to sfc exposure).	ALT - S; seri.	Py rare < 1%, though can be absent on fracs; pass stockwork disseminated along some fracs.						
	(Note: historical sample appears taken from 134.22 - 137.46, but not in BZ or Inc. — resampled 2003.)	@ 123.40 qz flooding		07383	134.22 - 135.64	1.42			
				07384	135.64 - 137.16	1.52			
				07385	137.16 - 138.68	1.52			
				07386	138.68 - 140.21	1.53			
			@ 141.65 qz SX vn, rusty wht w/ SX on sfc.	07387	140.21 - 141.46	1.25			

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
141.70 - 141.96	ANDS, sulphidized w/ aspy needles + py.	ALT - S	Aspy ~ 5%, prominent, several mm long aspy needles, w/ fine dissem py (10%)						
141.96 - 150.45	QZMP, preserved Occasional supergene ANDS xenos (aspy+py) py @ 142.40, and @ 143.70	ALT - X; common clay alt^n throughout QZMP, common ser;	@ 145.75 gurgy clay altered QZMP. Aspy/py 3-5%, locally up to 10% in QZMP. ~148 mm > / 90 ° common dissem Sx altered w/ narrow halos and limited around grain boundaries.						
150.45 - 150.65	ANDS, as similar to previous w/ trace aspy, as patchy dissem py. (<5%)	ALT - S, bleached.							
150.65 - 154.93	QZMP,	ALT - S, bleached, ser, py flooding locally, X - clay alt^n on fracs. 157.25 - 157.70 qz-carb vein	Py 10%, dissem cubes						
154.25 - 154.70	ANDS, [illegible]	ALT - S, bleached, planar qz/carb stringers, ser selectively	Py 3-5%, dissem + [illegible] Sx aggr's						
154.93 - 158.53	QZMP,	ALT - S/X, v bleached, clay alt^n on fracs	Py 2-3%, up to 5% over short intervals (≤ 10 cm)						
	158.20 - 158.40 ANDS; narrow dk grey planar, probable Sx melée (grey bxc)								
158.53 - 159.43	ANDS, porphyritic	ALT - S; v bleached	LC stockwk; quartz-carb veining, SSPCA						

96-30

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
159.43 - 160.24	QZMZ	ALT - S, seri.							
160.24 - 166.77	ANDS, porphyritic; med green, w/ dk green phenos. (non-serichized); wk qz-ch stkwk vning.	ALT - M/W Incr hem alt throughout, and esp. on frac sfcs.	Rare py <1%						
166.77 - 169.16	QZMZ	ALT - M.	@ 166.91 Narrow ANDS stringer w/ non alt & dk brown patch w/ fine dissem py + seri + clay. 1cm x 2cm. Py rare to absent						
169.16 - 169.70.	ANDS; wk qz-ch stkwk.	ALT - M.							
169.70 - 176.78	QZMZ.	ALT - M/W propylitic 171.45 - 171.85 qz-flooding; tension gash infill w/ K-spar alt'n halo; Some chl w/in unit wall qz							
	@ 173.24 ANDS dyke - ALT - S, very steeply 4cm/25°CA.	~172.60 - 175.93 ALT - S; seri.							
	174.76 - 174.58 ANDS dyke; ALT - S.								
	175.08 - 175.41 ANDS dyke; ALT - M								
	@ 175.54 ANDS dykelet 2cm/30°CA								
176.78	END OF HOLE.								

CME

REPROCESS LOG

G97-31

Project name: SKUKUM
Project #: PS6D
D.D. Hole #: G97-31

Length (m): 136.86
Grid: UTM NAD 83
Dip: -31°
Azimuth: 180
Core size: NQ

Contractor:
Northing: 6672831.345
Easting: 484346.539
Collar Elev.: 925

Hole survey type:
Started:
Completed:
Logged by: BCW
Date logged:

Depth	Dip	Azimuth

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0-2.4	QZMZ ALT-M MS PF to MS. KF to MS partial weakly K KF. mafics to cl plus minor HE. D. MG present	MS-M	TR PY						
2.4-3.5	FLT z. multiple slip planes brittle & ductile 60° ca. freq hairlines // w HE stain.								
3.5-6.53	QZMZ ALT M MG present	MS-M							
6.53-7.1	QZMZ ALT-M first bleached interval. mafics loss QZ + PY additive. 3 QZ VLT at 1cm plus ENV silicification. MG absent.								
7.1-11.45	QZMZ ALT-M MG present, mafics present	MS-M							
11.45-23.5	QZMZ ALT-M MS, KF PF to MS. KF partial.	MS-M							

24.95

G97-31

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	Mafics ghosted w HE-D at sites. PY-N, MG-N	MS-M	PY-N						
23.5 – 23.65	SHR. OK MS bands w QZVLT. PY assoc	MS-H.	PY-1%						
23.65 – 24.75	QZMZ ALT-H PF to MS. KF to MS. mafics gone. HE after mafics grac. TR PY MG absent. Silicific-ation intermittent. Bleached.	MS-H. QZ	PY-L						
24.75 – 24.95	SHR. MS seams in ALT-X w core 2cm G, milled RX. PY-3%	MS-X	PY 3%.						
24.95 – 27.74	QZMZ ALT MS.-M PF to MS. KF largely mafics ghosted w HE-D remaining. Bleached. Infrq slip surfaces both MS & Cy lined.	MS-H.	PY-N.						
27.74 – 38.56	QFPP ALT-L groundmass to MS-L QZ eyes rd, KF rd. K	MS-L							

44.09

G 97-31

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	Pale GRN GY. PY-N MG absent. TOP CNT SHR QZMZ. BTM CNT 3cm G, milled RX.								
38.5 - 39.32	ANDS PPRY ALT-H. PF K to MS. Groundmass to MS. PY-D-L. Dull GRN LT GY.	MS-H.	PY-L						
39.32 - 43.8	QZMZ ALT-H. MS, QZ PF to MS. HF to MS w silica overprint. Matics gone. some HE-D remain) at sites. MS fabric planes Freq, thin.	MS-H. silicification. HE	PY-N.						
43.8 - 44.09	SHR MS bands broken core silicification. PY-N.	MS-X	PY-N						
44.09 45.44	QZMZ ALT-H MS spars to MS. matics gone remnant HE-D remnants. shearing reflected by MS seams both LT & DK. PY-rare	MS-H.	PY-rare						
45.44 - 45.49	FLT 50° ca CNT. Cly, G and milled QZMZ	MS-H. CY-H.							

G97-31

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
45.49 – 48.86	QFPP ALT - M. MS KF K to MS. groundmass to MS. PY rare. Flow banded. FLT/SHR CNTS.	MS - H.	PY - L						
48.86 – 49.64	QZMZ ALT - M MS anastomizing SHR - MS planes.	MS - H.	PY - L						
49.64 – 53.6	QFPP ALT - M. MS Groundmass to MS. K KF fresh. QZ eyes. Pale GY w GRN pigment. PY TR, SB TR - D	MS - M	PY - TR SB - TR						
53.6 – 53.8	MYLN banded 50° ca MS-X Py - L. BLK bands MS w QZMZ ALT.	MS - X.		9990	51.51 - 53.6	2.09	5		
53.8 – 54.64	SHR QZMS ALT - X Apple GRN MS bands seams, silicified port. MS	MS - X Qz	PY - L.						
54.65 – 62.9	MYLN ZONE. ALT - X is sampled rubble sand in bdx. BLK pyritic MS bands mix w QZMZ ALT - X. some QZMZ pyritic	MS - X	PY - L.						

G97-31

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
62.9 - 69.33	QFPP ALT-L. Pale GRN. KF K rhombs some +o MS. PY-N. fresh.	MS-L							
69.33 - 70.21	SHR. BLK MYLN w QZMZ ALT-X. The latter w BLK MS clots. Top 0.09m G, milled Rx. PY-L, proximal BLK MYLN.		PY-L						
70.21 - 71.65	SHR ALT-X. GRN MS bands anastomizing planes. PF & KF gone to MS. Deformation Plastic. Sutures silica overprint near complete. FRCL Slip plane density M. 30, 40, 80° ca dominant.	MS-X QZ CTS-L	PY-N	9991	70.2 - 71.34	1.14	5		
				9992	71.34 - 72.86	1.52	5		
				9993	72.86 - 74.79	1.93	5		
				9994	74.79 - 77.0	2.21	5		
71.65 - 77.56	QZMZ ALT-X. MS Pale GRN. PF, KF +o MS. sheared MS planes 30, 40, 80° ca. Some tight another 5cm. Bleached. Local Silicification.	MS-X	PY-N	9995	77.0 - 77.88	0.88	5		
77.56 - 77.88	FELS ALT-X KF after QZMZ incipient FELS after thru KF ALT + Silica.	KF-Y QZ	PY-L						

G 97-31.

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
77.88 - 89.63	QZMZ ALT - X MS, QZ PF $ KF to MS. mafics gone. HE gone; Py in more silicified sections 2% II dusting to spars & xtl edges yields LT BRN. w appearance to less silica areas.	MS - X Silicification.	Py < 2%.	9996 9997	77.88 - 80.0 80.0 - 82.0	2.12 2.0	5 30		
89.63 - 89.93	ANPP ALT - H. PF K to MS. Groundmass, to MS. Py - N. FRC density - H. sub // and acute tensional. QZ fill & EW QZ	MS - H. QZ	Py - N						
89.63 91.16	QZMZ ALT - H. PF $ KF to MS. mafics gone. TR HE-D. QZ flood variable. FRC density - H. sub // and 60°ca. MS marks most.	MS - H. QZ	Py - L						
91.16 - 91.5	ANPF. ALT - H. PF K to MS. Groundmass to MS. FRC density H. Sub // and acute. Tension gashes, QZ fill.	MS - H	Py - N						

91 82.

CME

G97-31

Hole No.: _____

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
91.5 – 95.33	QZMZ ALT – H. PF & KF to MS. mafics gone. HE · D trace. PY-D-L Qz flood variable. FRC density – M. marked by MS seams, silicification. Bleached.	MS – H. QZ	PY – 1.	9998	91.16 – 93.03	1.87	10		
				9999	93.03 – 95.33	2.3	40		
95.33 – 95.73	ANDS ALT – H. Few PF to MS K. Groundmass to MS. PY 5%. FRC density – M Qz fill diffuse – silicification ENV poorly developed.	MS – H.	PY – 5%	10000	95.33 – 96.9	1.57	310		
95.73 – 96.78	QZMZ – ALT – H Feldspars to MS. SWR planes marked by MS seams, silicification ENV, strongest at BTM CNT Qz VLT X1 at 7 m.m. PY & AS needles assoc PY throughout D. 2%. Bleached. LT GRN Wappear.	MS – H. QZ	PY – 2%						
96.78 – 96.9	ANDS ALT – H. MS to few K DF & groundmass weak fabric defined by MS plates. BTM CNT 65° MYLN ANDS.	MS – H	PY TR.	8224	96.9 – 97.64	0.74	5		
96.9 – 97.64	QZMZ. ALT – X sheared MS seams freq. Mafics gone. Spars to MS Silified varying. PY 1%.	MS – X QZ – X.	PY 1%.						

CME

G97-31

Hole No.: _____

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
97.64 – 97.9	ANDS ALT-H ✓ few K to MS matrix to MS. Dull mid GY-GRN. PY-N FRC density – L.	MS – H	PY-N						
97.9. 98.84	QZMZ ALT – H. Bleached. LT BRN W appearance from LI dust on spars E at xtl edges. Mafics ghosted. HE-N. FRC density – M. marked by weak ironizing MS seams PY-L.	MS-H. QZ	PY-L						
98.84 – 99.0	ANDS ALT-M. MS FRC density-M. Tensional gashes. QZ filled. PY-N	MS-H	PY-N						
99.0 – 99.9	QZMZ ALT – H. Bleached. Spars to MS. Mafics gone. LT BRN W appearance from LI dust at xtl edges & on spars. silicification variable. PY-L	MS – H QZ	PY-L						
99.9 – 100.6	ANDS ALT – H. few PF K. all to MS matrix to MS. FRC density -H. Tensional gashes all w diffuse edges – silicification	MS-H.							

CME

G97-31

Hole No.: _____

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
100.6 – 104.24	QZMZ ALT – H. Bleached, sheared. shearing marked by anastomizing MS seams, planes. spars to MS mafics gone. Variable silicification up to complete Py – 1%	MS – H. QZ – H	Py – 1%	8825	100.3-102.5	2.2	5		
				8826	102.5 – 104.39	1.89.	5		
104.24 – 104.39.	RHYL ALT – M Beige color. Feldspars ghosts float in matrix Py – 1% D. Freq hairline QZ seams. MS band marks shearing	MS – M	Py – 1%.						
104.39 – 105.4	QZMZ ALT – H. MS-H. Feldspars to MS. mafics ghosted. HE-N Py – L occurs primarily at TOP & BTM. Silicification throuout – lensoidal.	MS – H. QZ	Py – L						
105.4 – 105.6	RHYL ALT – M Beige color. Feldspar ghosts, float in matrix. QZ VLTS and hairlines freq. MS in slipage planes. Py-2% D	MS – M QZ	Py 2%.						
105.6 – 106.9	RLBX ALT – H. Beige color block: rd in same RHYL matrix w ghosted. eroded feldspar xtls. Whole is partially silicified	QZ – I-I MS – H.	Py – L						

G97-31.

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	MS seams anastomizing freq mark shearing. QZ filled FRC w/ diffuse edges. Silica overprinting MS ALT. PY-L.			8227	104.39–106.0	1.61	95		
				8228	106.0 – 108.0	2.0	25		
104.9 – 111.57	RLPP ALT-H. ✓ LT GY w GRN where MS is prevalent. Shear planes freq 35° CA marked by MS seams. BRXX block floating. 107.75m some intervals. QZ VLT replaces MS seam & carries SB. MS seam Volume increase DWN. PY 1%-D. LI flecks	MS – H. QZ.	PY 1% SB-TR	8229	108.0 – 110.0	2.0	100		
				8230	110.0 – 112.0	2.0	20		
111.57 – 111.61	ANDS ALT-H MS weak PORY vfg PY – 1%?	MS-H	PY 1%.						
111.61 – 112.65	RLPP ALT-H LT greenish GY. Freq shearing marked by MS seams. PY 1%-D.	MS-H.	PY 1%.						
112.65 – 112.88	ANDS ALT-H MS gash Filled by QZ. PY-L.	MS-H.	PY-L						

CME

G97-31

Hole No.: _____

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
112.88 – 113.97	RHYL ALT – H Broken core w freq MS Shear bands. PY-L some milled RX. 5cm ANDS DYK.	MS-H	PY-L.						
113.97 – 114.13	ANDS ALT – H. PY-L	MS-H.	PY-L.	8231	112.0 – 114.02	2.02	10		
114.13 – 115.08	RHYL ALT – H. MS Freq MS seams, bands. Broken core PY – 1%	MS-H.	PY-1%.						
115.08 – 115.39	MYLN ALT – X MS. Grades RHYL, damaged L and BLK MYLN bands G and some silicification Proximal. PY – 2% higher in BLK bands.	MS-X CY QZ	PY 2%.	8232	114.02 – 115.08	1.06	5		Au 5.1 g/t
				8233	115.08 – 115.39	0.31	71000		1.36 g/t
115.39 – 119.17	QZMZ ALT – X silica overprint on earlier MS ALT. FRQ density – H. MS ALT. FRQ density – 5/5cm marked by MS bands, QZ ANDS DYK diffuse QZ VLTS w PY, milled RX Features weaken slightly toward BTM. PY 0 – 10% TR AS at BTM.	QZ – X MS	PY – 1.5%.	8234	115.39 – 116.06	0.67	71000		
				8235	116.06 – 118.0	1.96	630		
				8236	118.0 – 120.12	2.12	71000		3.03 g/t
119.17 – 119.37	MLYN ALT – Y BLK MS bands, pyritic	MS – X QZ CY	PY – L						

G97-31

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	Qz gash fill. MS ALT to Qzmz – X PY-L								
119.37 126.86	QZMZ. ALT – M variable altered ranging to weak w mafics & MG present, moderately altered some tendency to be FRC ENV. most has LT BRN W appearance with LI dust x+/s and x+/edges. PY-L Bleached	MS-M	PY-L.						
126.86 127.0	ANPF. ALT - M PF K to MS. groundmass to MS. PY-L Dull pale GRN	MS-M	PY-L						
127.0 – 127.39	QZMZ ALT – M Bleached. PF to MS, KF Partial. mafics gone. PY-L.	MS-M	PY-L						
127.39 – 127.58	ANDS ALT - M. Pale dull Green. PF to groundmass. gone to MS, also FRC density - H. Showing at Top CNT, BTM CNT. Silicification of QZMZ also at BTM CNT.	MS-M							
127.58 127.6	FLT 80° ca; millerick and CY.	CY-X							

G97-31

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
127.6-128.22	QZMZ ALT-M PF gone to MS, KF partial Mafic gone to ghosted. HE-D after mafics. LT dusting to Spars yield LT BRN w appearance. PY-L. FRC density-M. 2mm QZ VLT. X2	MS-M.	PY-L	8237	120.12-121.65	1.53	71000		Au 1.04 g/t
128.22-128.4	ANDS. ALT-M MS DK GRN GY. weakly porphyritic PF. FRC density-L upper CNT altered to pale GRN GY. bleaching	MS-M.							
128.4-129.6	QZMZ ALT-M PF gone to MS, KF partial. spotty mafics present. HE-D. PY rare	MS-M	PY rare.						
129.6-131.2	ANPP ALT-L MS DK GY w hematite red pigment. PF to MS K. FRC density-M. filled w QZ. All have bleach ENV some well developed PY-N	MS-L	PY-N						
131.2-131.8	QZMZ ALT-M PF gone to MS. KF partial mafics to Ch. Cb partial destroyed yielding abundant	MS-M	PY-N						

G 97-31

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	HE-D. Pinkish KF and LI dusting on spars yields orangy w appearance. Bleached								
131.8 – 133.1	ANDS ALT-M weakly porphyritic. PF gone to MS. DK GY w GRN hint. Bleached at TOP CNT, ENV around QZ filled FRC. PY-N.	MS-M.	PY-N						
133.1 – 133.77	QZMZ ALT-M incl 5cm ANDS DYK Bleached.	MS-M	PY-N						
133.7 – 134.03	ANDS ALT-M DK GY w greenish hint	MS-M	PY-N						
134.03 – 136.89	QZMZ ALT-W matics present except in bleach ENV about FRC & QZ filled FRC. MG present. PY-N PF gone to MS, KF stable pink. HF K	MS-W.	PY-N						
136.89	T.D.								

97-333

CME

Project name: SKUKUM
Project #: P560
D.D. Hole #: 97-333 (Reino)

Length (m): 202.35
Grid: UTM NAD 83
Dip: -49
Azimuth: 142
Core size: NQ

Contractor: CAGON
Northing: 6672831.345
Easting: 484 346.539
Collar Elev.: 925.

Hole survey type:
Started:
Completed:
Re **Logged by:** TV
Date logged: 1/09/03

Depth	Dip	Azimuth

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0.00 - 1.22	CASING								
0.22 - 5.194	QFMZ, medium grained equigranular, pink & green where light, strong wk foliation [illegible] 5° TCA, MA, [illegible] intensely sheared [illegible] minor veins Intrusion of QFP dyke, variably wk foliation, gradational w/ SA	AL - moderate [illegible] fracture - [illegible] zone of QFMZ cut by, abt 5% of which QZ-CB vns, [illegible] weak wk [illegible] moderate - [illegible] 5cm apart in some [illegible], [illegible] common wk [illegible] 1.22 - 11.71 ALT-WK, [illegible] intensity QZ-CB veins wk MAS augite and matrix	@ 6.29 QZ-CB vnlt 1cm/70°CA 7.00-8.00 QZ-CB veins in FW vns, orientation 11 to CA @ 11.31 QZ-SX vn, thin vn wk [illegible] 2mm/80°CA, no wk ctr. @ 14.92 QZ-CB vnlt wk boudin, 8 mm, gradational [illegible] 2mm/80°CA vnlt. @ 16.52 QZ vn + CB 1cm/55°CA @ 17.50 QZ-CB vn [illegible] 8mm/85°CA @ 19.9 QZ-CB ± SX vnlt, in [illegible] 5mm/85°CA mass wk QZ CB vn 2cm/85°CA QZ SX vnlt above in 5mm/80°CA, separated by thin [illegible] 21.05 [illegible] QZ-CB veins						
26.41 - 26.89	MONZ, fine grained QFMZ, sim to rest of [illegible] characteristics as main intrusive	25.29 - 30.36 ALT-WK SHX [illegible] [illegible] wk [illegible] 5mm/80°CA wk [illegible]	@ 25.59 QZ CB vn 10cm/90°CA wk [illegible] NAD @ 27.06 QZ-CB vn [illegible] 5mm/80°CA @ 28.00 QZ-CB vnlt [illegible]						
		30.30 - 33.82 ALT WK SHX, [illegible] [illegible] [illegible]

CME

Hole No.: 97-33B

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(QFMP, contin)	36.00 – 45.25 ALT-M; v. pinkish brown alt'n of QFMP, sericite alt'n of fsp. (wk); zones of wk propylitic alt'n 45.25 – 46.30. ALT-W. Green veinlet/ vein 46.30 – 51.17 ALT-M, pink-brown as previous; 51.19 – 51.94 ALT-M, bleached, less pink. 51.94 – 52.10 ALT-X; clay alt'd, v. soft; dk sericite matrix;	@50.70 calcedonite, 5mm/30°CA.						
51.94 – 52.17	MYLT/SHR-Z; amber stained zone w/ ANDS below;	ALT-X.	Fabric 25°CA.						
52.17 – 52.71	ANDS, stained + porph.	ALT-S; bleached, wk clay, mod seri; pyrite alt'n	Numerous calcedonite stringers w/ qz vn fragments; minor clay; dk grey sericite matrix.						
52.71 – 53.27	HLTBX; intermixed ROFP ANDS & QFMP fragments in green seri matrix; due to intrusion by ROFP (N Member)	ALT-S.							
53.27 – 72.55	ROFP, N. Member, typical unit. mod to large <4mm glassy grey qz-eyes; w/ off white to lime stained fsp phenos; Suc. euhedral V. hard competent unit; no ductile deformation, numerous pale green brown irreg rounded xenos – either QFMP/ANDS xenoliths?	ALT-M/W; some veins w/ cb, wk clay alt'n on fracs	Py absent. Wk. qz-cb tension gash infill						
		@62.74 new alt'n bleaching fracs. also @ 63.17 & 63.32.	@60.28 qz-cb vein 4mm/40°CA						
	71.92 – 72.22 SHR-Z, ANDS? no ROFP.	63.39 ⇒ matrix less brown, more green-grey							
	72.22 – 72.55 Sheared ROFP.								
72.55 – 72.92	SHR-Z w/ abund qz-cb tension gash infill dk seri + clay, minor SX – disrupted QFMP? + ANDS.								
72.92 – 74.37	ANDS.	ALT-S + bleached to lt grey; minor fsm assoc w/ qz-cb veins mid seri; alt'n of phenos	Py rare <1%.						

CME

Hole No.: 97-33B

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
74.37 - 80.66	QZMZ; mod shearing. 76.90 - 77.10 ANDS dyke; ALT-S, v. bleached. Strong sericitic alt'n of phenos., UC/LC 30-40°CA	ALT-S overall, pale green seric alt'n. 74.37 - 74.67 ALT-K, clay alt'n @ contact	UC - 60°CA. @74.64 cataclastic w/ "step" fault offsets; dk grey; ~1cm / 15°CA.						
80.66 - 89.25	RQFP, Central Market: typical unit Qz eyes, grey, glassy, smaller than N. Market and less abundant; fsp smaller and less abundant as well; matrix lighter; pale green, very altd Wk. flow banding.	ALT-MIS; v. sericitic, pervasive	UC crossed w/ gouge over 10cm 50°CA. @83.65 slip plane, clay alt'd. 50°CA. @84.02 slip, clay alt'd. 55°CA @84.10 flow banding ll to slips 85.24 - 86.27. FLT-? w/ dk grey seric + clay cataclastic material; minor incorporated QZMZ, wk sx; 86.27 - 89.25 wk - mod stylolitic clay - sx hairline veins,	09135	85.04 - 86.27	1.23			
89.25 - 111.40	QZMZ, wk sericitic;	ALT-S, near UC v bleached wk py, general qz. flooding w/ lesser veinlet sx Locally clay alt'n on fracs	UC broken due to sampling. 90.67 - 91.30 qz. flooding w/ diffuse sx; 5-10% diffuse py. "qz vns are disrupted diffusely", WIS 93.30 - 93.70 strong chloritic, narrow cataclasites; seric infill on fracs. 97.52 - 98.75 strong sericitic w/ cataclasites, esp @ 98.20. dk grey clay + seric matrix, wk sx @105 slip plane (?) clay/seric, approx 90°						
	96.57 - 97.25 ANDS; ALT-K, purple clay alt'n phenos w/ strong seric alt'n. ANDS xenos, ALT-K @ 99.67, 99.83, 100.04	100.35 - 100.45 v bleached & qz flooded / replaced 100.45 - 103.70. ALT-K, brecciated, locally complete sericitization to soft friable/fissile pyritic rock. 103.70 - more bleached, chlor occ. in seric; ALT-K/S; sheared 106.10 - 106.80 qz infillment, fracs.								

CME

Hole No.: 97-338

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(QFMZ, cont'd).	107.20 – ALT-Y; rusty/ abund clay alt'n on fracs.	111.10 – 111.40 strong shearing w/ calcite/silica fragmented QFMZ in dk grey sericitic clay matrix.						
111.40 – 122.34.	MYLT; green-brown - to dk grey sericitic matrix w/ dominantly QFMZ frags - disaggregated. Rounded, milled + rolled.	ALT-Y; matrix is complete sericitization, fine milling of host lith.	Sx v. variable throughout MYLT, generally occurs as patches of fine disseminated Py + Spy - eg. @ 113.45, 117.30.						
	116.56 – 117.25 sheared QFMZ, only minor calcite/silica.		@113.45 Sx in matrix assoc w/ poss AmSx frag.						
			@119.25 40-5% Sx in frag (?) w/ 20% Sx (~ 4cm).						
			@121.75 sheared QFSx VN w/ v. strong dk grey MYLT matrix. Frags in up to 80% Sx. (121.75 – 122.30).						
122.34 – 135.10.	RFP, S Member dacite, typical unit, V. lt tan to pale green to reddish brown FRHL matrix w/ fragged wht fsp phenos. Quite massive, rel homogeneous + competent.	ALT-M; hem/lim stn coating (wk); General weak pervasive alt'n.	Py @ fine disseminated cubes (?) < 1%.						
		134.55 – 135.10 @ weak alt'n; green.	@134.55 fault/shear, decomposed, sericitized RFP, V. green, FRAG fissile. LC ~ 55° CA.						
135.10 – 143.41	QFMZ; sheared; highly alt'd;	ALT-S/X; bleaching, highly fractured w/ Sx + intense fracturing; also clay on fracs where ALT-X. Minor hem assoc w/ Sx fracs + fills, also Cb.	Py rare ≤ 1%. General fracs parallel @ low angle to CA; 15 – 30° CA.						
			142.05 – 143.40 narrow calcite-Sx zone CA.						
143.41 – 146.00	MYLT/SMR-Z, QFMZ rusty; disaggregated, milled + rolled in dk grey clay/sericitic matrix.	ALT-X.	145.46 – 146.00 as strong MYLT; 80% matrix; w/ 20% frags of QFMZ, narrow QFMN frags.						

CME

Hole No.: 97333

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
146.00 - 146.96	ANDS, porph, wk-mod qz-cb stkwk	ALT-S/X, strong seri alt^{n} of plags (bright green)	Py 3-5% dissem						
146.96 - 157.53	QZMZ; sheared. Numerous narrow qz±cb veins flooding through core w/ diffuse dissem Sx around veins in halo	ALT-S; v. bleached;	Py variable, depending on location of qz vein; also aspy. Ov avg Py 2-5%; aspy < 1%. @148.40 3mm qz vein w/ aspy/py halo, up to 15% Sx. @ 149.00 qz vn frag, dissem aspy py in wide halo (>10cm). @ 149.25 qz vn, irreg 8mm w/aspy. Selv o dissem Sx in w/r. @ 149.50 qz vn 7mm/75°CA; mass wht qz w/ 50° vert mesh fracture aspy. Dissem aspy/py in w/l, up to 15%. 149.75 - 151.90 mod/wk Sx dissem 151.90 - 157.53 mod/strong dissem aspy/py. 15%						
152.53 - 153.86	ANDS, sulphidized, med-dk grey; metric replacement by aspy/py.	ALT-X.	Py/aspy 35-40%; Aspy fine acicular needles. 153.32-153.86 less dissem Sx (<10-5%) ANDS more olive coloured.						
153.86 - 154.46	QZMZ, highly sheared and alt'd	ALT-X; wk-mod qz flooded; or poss qz remob Seri common.	Py 2-3%;						
154.46 - 154.85	ANDS, wk silicification, colour more greenish to olive.	ALT S/X.	Py/aspy 2-3%.						
154.85 - 157.32	QZMZ,	ALT S/X, bleached, seri	155.90 - 155.90 Sx QZMZ, 20-25% aspy/py.						
157.32 - 158.40	ANDS; mod qz-cb stkwk	ALT-S, olive coloured, low Sx.	Py 2-3% dissem, minor aspy.						
158.40 — 184.92	QZMZ,	ALT- S/X bleached, seri	Variable aspy/py assoc w/ qz vns.						

CME

Hole No.: 97-33B

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(QEMZ cont'n)	ALT - S	159.15 – 159.35 strong sulphidation in QEMZ, sourced from 2mm qz va w/ minor aspy/stib incl.						
			159.90 – 160.00 major qz-aspy-stib – sph va.; aspy form large needles up to 10mm long, 2mm wide; crs laths sph.; mass wht qz va. Dissem aspy/py in wlr.						
	@ 160.30 ANDS xeno (?) 5% poor.								
	@ 160.70 ANDS. 3% poor								
	161.25 – 161.60 ANDS, sheared, purple; 5% poor.								
	161.80 – 162.00 ANDS, purple, 5% poor								
	167.25 – 162.45 ANDS, purple 5% poor.								
	NOTE: Aspy/py mineralization in QEMZ appears controlled by narrow subconformal qz veins; these veins are generally < 1cm and oriented at high angles to CA. (60 – 90° CA); Two phases of qz vns; one 5% 1-2cm (i.e. 5% in vn) and second 5% poor or absent in vn. Unclear if diff generation of vn, no crosscutting relation. Some veins often have 5% halo or 5% on selv. – poss late stage 5% removed to qz vn. If later generation then 5% 1-2cm vns.		162.50 – 163.10 several 5-8mm wide qz veins w/ strong sulphidation in host QEMZ; 2 vns w/ abund dissem aspy, stib ± sph ± py (up to 60% of vn.); 5% "halo" w/ 20% aspy/py.						
			@ 163.60 1cm dissem aspy/py in qz flooded zone of QEMZ (5cm wide)						
			@ 164.55 same; 1cm aspy/py dissem in QEMZ w/ narrow erratic qz veins.						
	164.80 – 165.10 ANDS; wk 5%;		@ LC of ANDS; dissem aspy in QEMZ w/ some aspy "bleeding" into ANDS in fine aspy veins						
	165.80 – 166.05 ANDS		165.80 – 166.05 5-10% dissem aspy bands.						
	167.75 – 167.83 ANDS w/ 5-10% 5%.		@ 166.95 narrow qz vn. w/ aspy halo.						
	169.38 – 169.90 ANDS; wk 5%; 5-15% aspy/py		@ 169.52 narrow qz vein w/ aspy halo.						
			@ 171.20 paleo qz vein w/ aspy halo. Abundant pyrite of yellow alt'n						
			173.20 – 173.40 MYLT (CATACLASITE w/ QEMZ vns), dk green matrix, qz-5% vn w/ 60-70% 5% (aspy, py, sph)						
			173.80 – 173.95 MYLT, cataclasitic Fabric ~ 50° CA						

CME

Hole No.: 97-333

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(QZMZ, cont'd).	176.00-176.60 e. bleached QZMZ low seri; qz-replacement? or flooding	@175.75 cummingtonite; local bright yellow alt^{n}; As-pyrite?						
		176.60 – 179.50 ALT-X v.v. clay alt^{n}, v. broken core; bleached, 177.72 – 178.52 ALT-S; v. seri QZMZ, bleached.	176.60-179.50 FLT. ? (?) broken core, abunc clay alt^{n} on fract.						
		179.50 – 181.15 strong propylitic alt^{n};							
		181.15 – 181.80 ALT-M, decr. ser, lots of qz							
		181.80 – 183.30 ALT W/N; locally magnetic frac. bounding QZMZ.							
		183.30 – 184.92 ALT-M; hem/lim stn. alt^{n}	184.05 disscm py over v. narrow width (<1cm), locally occurring v. yellow py w/ orange alt^{n} halo (arsenian pyrite (?)).						
184.92 – 185.62	ANDS; o. stc lim coated due to stc ox. porph.	ALT-M	LC. irreg. low angle; 15°CA.						
			LC – 60°CA						
185.62 – 192.63.	QZMZ;	ALT-M; locally propylitic, still v. bleached, ser; common hem/lim stc coating; esp @ fracs w/ Fe-rich cb + qz	Py 2-3%, fine disscm cubic.						
	186.28 – 186.92 ANDS. ~8cm / 25°CA.								
		186.92 – 192.63 v. ser; irreg QZMZ, v. pale green; ALT-S.	Py ≤ 1%						
		@191.30 qz tension gash infill	@ LC. 1-2cm mass cb-qz vn along contact 20°CA						
192.63 – 196.30	ANDS. porph phenos quite large, up to 1cm, chloritic? w/ core of pinkish fsp. – perhaps the dk green phenos here and elsewhere are porphyroblastic replacement of fsp, and subsequently sericitized	ALT M/S, bleaching. Mod qz-cb stkwk.	Patchy disscm py ≤ 2%. From LC down 50cm, green phenos are stretched down CA.						

CME

Hole No.: 97-338

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
196.30 – 202.35	QZMZ;	ALT – M/S.; V. seri, pale green; wk K-spar ? v. bleached							
	200.86 – 201.43 ANDS: @ LC, grey alt° w/ cb-qz, tension gash infill, wk Sx.	qz flooding near LC.	@ 200.65° 1g qz/fsp/chl - PEGM dyke ? ; ~ 2cm						
202.35	END OF HOLE								

97-54

CME

Project name: SKUKUM
Project #: P560
D.D. Hole #: 97-34 (Relog)

Length (m): 223.92
Grid: UTM NAD 83
Dip: -61
Azimuth: 142
Core size: NQ

Contractor: CARON
Northing: 6672831.345
Easting: 484 346.539
Collar Elev.: 925

Hole survey type:
Started:
Completed:
Re **Logged by:** TV
Date logged: 11/30/03

Depth	Dip	Azimuth

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0 - 1.22	CASING								
1.22 - 69.90	QZMP, med grained, equigranular Pink & green where fresh to "typical" brown - weathering where altered v magnetic where fresh Minor xenos (MNZ/HORN)	ALT - very wide, dominantly sericite alt, with some zones of silicification, and wk argillic around qz veins 122 - 6.22 ALT - W; very wide from N.M 6.22 - 25.26 ALT - N	Pyrite Py <1% @ 6.07 qz-cb vn 13cm/90°CA @ 11.28 qz vn wi qz sx vn; initial sheeted qz-sx vn w/ later cross cut qz vn 5cm/90°CA @15.74 qz-cb breccia with silicified wallrock @17.26 qz vein 6mm/90°CA @18.92 a 18.56 qz veins; 6mm each, 85-80° w/o wk pyritic sericitic halo @19.66 qz vein 5mm/uncertain, ~ 70°CA, wi cb; strong wk halo @21.56 narrow sericitic zone? 5cm wi discreet 2cm wk halo						
		25.26 - 26.05 ALT - M potassic alt, diverse amount qz-cb veins	@ 25.67 qz cb vein/stockwork, 4mm/80°CA						
		26.05 - 35.15 ALT - W, strong iron oxide in lower metre for ALT - W	@27.58 qz vein 5mm/90°CA wi 2 veins (3mm) on each side, chlorite py on selv and in wk 5%						
			@28.66 irreg qz veins wi cb ~ 5mm/80-90°CA sericitic wk halo						
			@ 31.57 qz vn, ~ 2.5cm/80°CA, strong potassic alt halo (~75cm)						
		65.15 - 42.30 ALT - W	@ 37.60 low angle to CA cb-qz vein 7mm/20°CA.						
			@ 39.30 qz-cb vn/fract plane, 15°CA; wk sericitic						

CME

Hole No.: 97-34

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	42.30 – 43.60 fine grained, potassic alt^{n} QZMF. (WAN7)	42.30–43.60 ALT-M/W, v. pinkish due to K-spar ± hem 43.60 – 56.15 ALT-M, sericitic, bleached. 47.00–49.20 K-spar/hem alt^{n} zone 56.15 – 56.50 ALT-S; v. seri, pale green, absence of "brown weathering".	~45 – 46.55 broken core, clay alt^{n} on fracs; fault? @46.94 abund clay on frac, slip plane? 49.80 – 50.30 low angle frac down CA; w/ cb + hem infill; broken, ~ 5mm-10mm infill width 51.20 – 51.45 major frac/shear, v seri, gouge and disaggregated 52.25 – 53.05 another low angle frac; broken core for length; no hem. Seri + cb only. ±5% @ 57.18 cataclasite, in broken core, faulted from 56.95 – 57.26. 57.60 – 57.90 broken, shows core along clay slips near ll to CA 57.42 – 59.80 wk to mod pyritic QZMF 3–5% in disseminations and small stringers @58.07 qz vn, offset ~1.5cm/45°CA, 59.60 qz flooding/vn w/ 1% py 59.70 – 59.80 cataclasite/gouge plane @ contact						
59.80 – 61.80	RQFP, 97. eyes, flow banded green & brown layering; dyke is mod broken due to brittle deformation, strong alt^{n}	ALT-S; flow bands show preferential alt^{n} w/ green seri rich bands and lt gray/brown hem? cb^{n} bands. Mod clay on fracs,	heavily well mineralized w/ clusters of acic espy, fine dissem py & patchy & diffuse stb?	09136 09137 09138 09139	56.95 – 58.12 58.12 – 59.40. 59.80 – 60.66 60.66 – 61.80	1.17 1.28 0.86 1.14			
61.80 – 62.18	SHR.Z; HWG7/cataclasite @ LC w/ RHWL; highly alt'd QZMF at lower part.	ALT-K.	@60.85 aligned accretes; ~ 5%. Py disem 1-3%. throughout unit Py ~ 3%						
62.18 – 62.90	ANDS, sheared, pyritic	ALT-K; bright green seri phases.	Py ~ 10%. in stringers and disseminations.						

CME

Hole No.: 97-34

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
62.90 – 66.40.	OZMZ;	ALT – MIS; bleached, increased ser/ alt^n, gives pale green pervasive colour.	P_g < 1%	09140	62.90 – 63.90	1.00			
			@ 64.10 bx; wl large qz ± sx in fmgl is ck ser ± clay matrix sx – py. sph, tr. aspy. ~ 5cm wide / 25°CA; strong ser/ ductile shear/ c in wll.	09141	63.90 – 64.50	0.60			
				09142	64.50 – 66.40	1.90			
66.40 – 67.10.	ANDS, purple, pyritic	ALT S; v. bleached	P_y 5–10%						
	66.90 – 67.10 ø sheared, dk grey green; wl ser/ infill in fract.								
67.10 – 84.32	RQFP; N. Marker; typical unit; med – lg. qz eyes ø fsp phenos in brown-green RHYL matrix., quite competent and hard; locally brittly deformed.	ALT – M/W.	UC sheared 35°CA.						
			78.54 – 78.94 FLT., brown clay						
		84.04 – 84.32 ALT – S, c ser; flow banding.	@ LC 20°CA.						
84.32 – 85.20	OZMZ; sheared.	ALT – S; ff flooding, mod., ser/ lim/hem wk propylitic on top of ser/	P_y 5.1%						
85.20 – 85.49	ANDS, purple, sheared.	ALT – S.	UC – 30°CA,						
85.49 – 88.74	RQFP, Central Marker; as per usual; smaller qz eyes and fsp phenos than North, flow banded.	ALT – M, ser; v. wk lim	LC ^ broken ^ 35°CA						
	wk pyritic <1%.		85.49 – 86.46 Flow banding 40°CA.						
			86.64 – 86.74 sx vnlts – stylolitic, hematitic, gray blue, pyrite.						
			@ LC 55°CA, wl gouge slip plane						
88.74 – 89.18	OZMZ;	ALT – S, v. pale bleached, wl abund ser/.							
89.18 – 89.28	ANDS; purple	ALT – S; green ser/ phenos, olive colour matrix.	Pyritic 5–10%.						
89.28 – 89.40	OZMZ, highly fractd	ALT – S/K; ø bleached & ser/; clay on fracs	Broken qz-cb vn in FLT/CNTCT.						

CME

Hole No.: 97-34

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
89.40 – 91.72 (approx)	ANDS; porphyritic; mod to locally intense qz-cb ± hem stwk (tension gash infill)	ALT-S/M; dk olive to mod green matrix w/ variably sericitized phenos. Heavy lm/hem stc coating due to sfc exp.	Py rare ≤1%, except new cuttings V. fine/a corse; ↓ 91.40-91.72 py ~ 5%.						
91.72 – 92.65 (approx)	OZMZ;	ALT-S; v. seri risen; pale blue-grey, lm/hem on (where exposed to surface water)							
92.65 – 93.59 (approx)	ANDS, as previous, disintegrating, strong qz-cb stwk	ALT-S.	Py 1-2%.						
93.59 – 94.08	OZMZ;	ALT-S.	Py rare <1%						
94.08 – 94.41	ANDS; v. fract'd; green/grange contact w/ dyke.	ALT-S/K; inter clay altn w/ fract contacts.	Py 1-2%. LC disintegrated, intr dyke below ca 94.11						
94.41 – 97.29	RQFP, Central Marker Style	ALT-M; pervasive seri.	Mod fracturing. QLC, 35°CA;						
97.29 – 99.00	OZMZ;	ALT-S; incr silica; abund seri.	97.29 – 97.44 narrow qz veins; tension gash infill						
99.00 – 110.20	RQFP/RQP; still w/ Central Marker. qz-eyes ≤2mm, fsp phenos ≤3mm, patchy	ALT M/S. pervasive seri	UC ~ 35°CA Minor py disem throughout ≤1%. 100.04 – 100.32 mod grey fract bands, fuzzy sx, ± fn disem if it is sx. Not on core in direction tr. Aspy none observed definitively. 101.80 – 102.50 fract'd zone; fracs oriented @ v. low angle to CA. 103.45 – 104.30 low angle fracs chaotic CA; ~50°CA. @ 105.85 banded, narrow seri; 15-20°CA LC ~ 30-60°CA,						
110.20 – 110.77	OZMZ/ANDS incl in RQFP, sheared. OZMZ @ margins; ANDS in centre	ALT-S/K	Py 1-2%.						

CME

Hole No.: 97-34

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
110.77 – 130.96	RQFP, Central Marker style dyke.	ALT - M, pervasive seri.	Py <1% finely o evenly disem.						
		115.10 – 118.67 pale rec hem alt'n – pervasive, preferential bmarks.	112.47 – 121.03 mod to strong fracturing (brittle deformation) of dyke, fracs oriented sub ll to CA.						
			118.30 – 118.57 main slip plane; clay alt'd i dk grey; vuggy – can smell sulfur.	09143	117.82 – 118.67	0.85			
			121.03 – 130.96 core more competent, massive.						
130.96 – 139.10	QZMZ, sheared; numerous narrow dk. cataclasite strands with QZMZ;	ALT - X/S; high clay content o.3loL w/ cataclasites; QZMZ v. bleached, qz-floodéd and ser'd.	Py mod 1-5%; o.3loL w/ dk. cataclasites.						
			UC - 1cm cataclasite, fissile/phyllitic						
		137.65 – 133.80 ALT-X; abund clay.	132.65 – 137.80 v. strong clay alt'd cataclasite; gouge						
	133.80 – deer. cataclastic strands to mostly silica rich QZMZ.	133.80 – 139.10 ALT-S; strong ser/qz-floading, v. pale.							
		@13602 green ser a rec non tension gash infill.	@136.27 clay alt'd, gouge shear plane ~20°CA.						
			136.44 – 136.70 faulted.						
			137.75 – 139.10 faulted broken core.						
			138.40 – 139.10 py in silicified QZMZ, 3%.						
139.10 – 154.50	RFP, S. Marker. Light tan to green RFP matrix w ragged fsp phenos	ALT - M (overall).	Py v. rare to absent						
		139.10 – 139.36 ALT-S, bleached.							
		139.36 – 139.59 ALT-X, clay alt'd green sericitized w/ 5-4mm fsp. hem alt'd phenos.							
		139.59 – 153.37 ALT - M/W.	@140.80 low angle qz-cb vn/lt w/ hem alt'n, 2mm/15°CA						
		153.37 – 154.50 ALT - S/X, v. ser (green); silicified	@153.37 alt'n boundary flat 15°CA.						

CME

Hole No.: 97-34

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
154.50 – 184.30	QZMZ, sheared, v. alt'd 157.22 – 157.37 FLDK, pinkish, fine grained, QZMZ nicely silicified to bx'd above. @158.15 FLDK frag., also @ 158.30 & 159.84. 161.95 – 162.00 Ptzy or bleached QZMZ 163.31 – 163.49 ANDS; ALT-S; mod QZ – CC stkwk; py 3–5%; no v/s aspy. 165.30 – 165.45 ANDS, ok sxt, minor sx vnlts w/ aspy/py 165.66 – 165.91 injected sx ANDS (?); py±aspy ~ 10–20%. 167.48 – 167.67 ANDS, mod SX, py±aspy (ALT-S) 10%; sx vnlts, sheared vn–	ALT-X; ex seri; bleached, locally qz-flooded and v. hard to v. soft friable core. Rare hem assoc w/ qz-cb vning ALT-S ↓ ▽ 170.10 – 170.40 qz flooding 179.24 – 180.44. qz flooding and/or replacement of QZMZ, virtually only qz left w/ minor ser or fsics 182.65 – 184.30 qz replacement of QZMZ pale white, interstitial present	Double def'n of ser thro-ghout. Py rare ≤1%. 160.90 – 161.10 strong ductile shearing 50°CA @162.00 – 162.10 qz-sx flooding & vning, aspy+py 5–10% @162.34 disscm aspy in QZMZ. + hem w/sx @166.16 cataclasite; phyllitic & fissile mod SX QZMZ c– either side of cataclasite @167.93 qz-sx vnlt. 8mm/~70°CA, w/ mass. aspy/sl/b? in centre of vn abund disscm py±aspy in w/r to 168.36 (70%) @169.26 aspy/py disscm in QZMZ. ~ 5-6cm. @172.26 2 qz vnlts, diffuse margins w/ sx halo ~ 6cm; aspy ~ 10% @178.75 patch of mod sx QZMZ. ~ 2cm; 10% aspy/py 180.83 – 181.05 disscm aspy/py in QZMZ, sx halo chlor, qz-sx vnlts. w/ mass aspy ± sl/b ± sph. 181.61 – 187.01 disscm aspy in qz-flooded (rel'd) QZMZ; up to 15%; overall 5%	09144	160.25 – 161.75	1.50			

CME

Hole No.: 97-34

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
184.30 - 186.87	ANDS; porph.; strong to locally intense qz-cb tension gash stwk, generally discontinuous qz-cb vnlts,	ALT-S; highly bleached, mod strong ser alt'n of phenos.	Py ≤ 2%, patchy diss @ 185.05 tr. aspy.						
	185.76 - 186.02 QZMZ vol., qz-replacement, & pale bleached; w/ ser'n. ALT-X; 186.02 - 186.87; intermixed ANDS, bleached QZMZ, V. irreg contacts; Sr assoc w/in QZMZ near contacts.								
186.87 - 190.95	QZMZ;	ALT-X/S; & bleached,	Mod Sx, wk diss aspy/py. 187.55 - 188.00 cataclasite at or very near CA; (< 50 CA)						
	188.07 - 189.32 intermixed ANDS & highly bleached QZMZ Py ~ 5% in QZMZ, ~ 3-5% in ANDS QZMZ & ANDS appear to have contact V. close to 11 CA; sampled core shows mostly QZMZ; may be blocks toward hw QZMZ.	@ 190.90 qz. flooded near LC	LC not well defined.						
190.95 - 192.29	ANDS; porph; highly fract'd, sheared.	ALT-X; olive to grey; & bleached	@ 191.25 injected Sx QZMZ ~ 6cm. 191.35 - 192.07 clay gouge fault zone. highly alt'd ANDS @ 191.25 - 191.35 Sx, 3x ANDS/QZMZ.						
192.29 - 223.72	QZMZ.	ALT-X							
	192.29 - 192.66 cataclastics, qz flooding or qz vn frags.		192.66 - 194.58; mod Sx'd QZMZ, fine diss aspy + py in pale bleached QZMZ; vis abl conc from 3 - 15%; high conc over short intervals < 5cm, due to narrow qz vnlts.						
	194.58 - 194.68 RHYL?; pale, fine grained unit w/ narrow stylolitic hematite Sx vnlts + Sx'd + clay.	195.48 → ALT-S strong ser.; clay alt'n on fracs	After 194.58 Sx content does significantly to < 2%, over m depth.						
		@ 199.70 qz-flood.	@ 197.74 discontinuous qz-cb vnlt ~ 5mm; tension gash infill.						

CME

Hole No.: 97-34

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	204.50 – 204.95 FELS ? or QZ flooding, v. wht.	WALT - S	@207.54 qz vn 1cm / 85°CA — (unusual to have qz + K-feldsp veins this side of FD zone and so close to zone)						
	210.28 – 211.12 FELS, w/ qz flooding @ LLC. Fine grained v. felsic unit w/ fsp phenos, wk seri or prop alt'd.; irreg contacts; phase w/in intrusive.								
	213.61 – 213.84 FELS.		@213.95 qz vn: 7mm / 75°CA						
		218.65 – 219.05 FELS phase, K-feldsp. pink.	@214.35 narrow seri-qz-cb vein w/ potassic alt'n halo 2mm / 70°CA.						
	219.66 – 219.84: FELS, w/ qz tension gash infill down crk, FELS host rock + wide potassic alt'n halo; qz vn ~ 5mm – 10mm / 25°CA								
		@221.50 qz, bleached							
223.72	END OF HOLE								

97-36

CME

Project name: SKUKUM
Project #: PS6D
D.D. Hole #: 97-36
RELOG

Length (m): 249.63
Grid: UTM NAD 83
Dip: -66
Azimuth: 161
Core size: NQ

Contractor: CARON
Northing: 6672831.345
Easting: 484346, 539
Collar Elev.: 925

Hole survey type:
Started:
Completed:
Re **Logged by:** TV
Date logged: 11/28/03 - 11/29/03

Depth	Dip	Azimuth

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0.00 - 0.91	CASING.								
0.91 - 60.96	QDMTE; med grained equigranular; Pink-green colour where fresh and v. magnetic. Numerous hairline qz-cb veins (stringers); Occasional qz-cb extension veins.	ALT - variable throughout most of footwall; from zones of v. strong alteration along narrow qz-cb veins and qz-cb extension veins.							
	Minor xenos.	Alteration is typically "fracture-controlled" Qtz-ser ± clay ± carb,							
		0.91 - 2.00 ALT-N.							
		2.00 - 4.60 ALT-W. (strong)	@ 3.83 qz-cb vn 1cm/85°CA						
		4.60 - 14.98 ALT-N	@ 8.00 qz-cb vein 5mm/70°CA, 15cm alt° halo.						
		14.98 - 20.88 ALT-W.	@ 11.81 qz-cb vn, fract'd/faulted, vn is ~4cm/70°CA; ~10% calcite py in vn. and selv.						
@ 17.46 MONZ(?) xeno.		20.88 - 26.13 ALT-N							
		26.13 - 27.36 ALT-W	@ 17.73 qz vn 1cm/85°CA.						
			@ 19.21 qz vn 1.5cm/75°CA						
			@ 26.49 qz-sx vn, sheeted, laminar banding in vn 2.5cm/75°CA; rel Py + sfide.						
		27.36 - 30.73 ALT-N.	@ 29.02 qz-cb vn 1.5cm/85°CA						
		30.73 - 38.00 ALT-W/M.	@ 31.78 calcitic 5mm - 10mm wide, dk grey-brown.						
		@ 33.62 strong perpthic alt°							
		38.03 - 40.54 ALT N/W; v wk "brown weathering"							
		40.54 - 51.42 ALT - M/W;							
		42.06 - 42.26 ALT-S/X; green/white ser + plag(?) alt°; v. strong bleach. -> Pinkish brown alt°; K-spar + ser.							
			44.30 - 44.87 mod fract'd core; iron + silica; ser. infill on fracs; @ 44.75 main frac @ 30°CA;						
			45.93 - 46.13 fract'd core; alt° w/ ser; clay 46.66 - 46.74 clay ser alt° in major frac ~10°CA.						

CME

Hole No.: 97-36

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(QZMZ, cont'd)	51.92 – 53.28 ALT-S; incr silica, major fract down CA w/ ser, minor clay 53.28 – 60.96 ALT-M; ser; v.m/l lim sfc coating	@ 53.00 highly fract'd core over 15cm; v/ coating by ser + clay. @ 57.98 cataclasite; dk grey to brownish clay-ser ± sx, wk bx; 30-40°CA ~5-10% assoc py in w/r. @ 59.15 qz vn 2cm/15°CA; w/ dissem py in immediate w/r; 15% v minor dissem py, sph + stb in vn. @ 60.20; frac w/ sil flooding 60.60 – 60.96 sheared QZMZ w/ qz vnlts + flooding; massive stb vn @ LC. ~1.5cm 10-15°CA; v.						
60.96 – 62.80	RHYL; flow-banded, green + white ↔ qz eye porphyry.	ALT-S. 61.70 – 62.70 ALT-X; clay altn, highly fract'd	UC, ~10-15°CA, chickenscreted, sub ⊥ to contact angle; massive dissem stb @ immediate contact w/in RHYL. Flow banding ~ 30-40°CA. Py ~ 1%, dissem cubes LC; similar to UC., cataclastic contact, no stb vning, mostly clay-ser'd w/ ~5% py						
62.80 – 67.70	QZMZ, mod to strong shearing 64.28 – 65.22 ANDS, sheared; py ~5% ALT-S/X 65.49 – 66.15 ANDS, sheared, pyritic (5%) dk grey cataclasite; @ LC 45-cb vning w/ clay (ser), v. sheared, ALT-Y 67.23 – 67.70 ANDS; as previous, v. sheared rare v. decomposed xenos; only gravel/clay left.	ALT-S; bleaching, incr sil/qz flooding.	Py <1%. 67.80 – 68.00 cataclasite sheet contact w/ dyke above; v. dk grey matrix w/ QZMZ frags. 67.00 – 67.23 strong shearing in QZMZ;						
67.70 – 87.07	ROFP; typical N marker dyke; pink coloured RHYL matrix w/ mod to large (<4mm) qz eyes; grey glassy + stb to embayed fsp laths; foreign xenos?	ALT-M/W.; generally quite fresh looking; sfc ox of vein/lims	Py disseminated						

CME

Hole No.: 97-36

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
		86.87 – 87.07 ALT- S/K, contact zone alt'n, shearing; appears to have highly alt'd xenos of ANDS (QZMZ).	LC. 30°CA.						
87.07 – 87.33	SHR Z; appears to consist of ANDS/QZMZ= highly sheared; ll to contact above.	ALT- S.; seri, bleaching							
87.33 – 88.27	QZMZ;	ALT- S; qz-rich/sil overprint, wk bleaching + seri	Py <<1%						
88.27 – 97.20.	ANDS, porphy; sheared. strong to intense qz-cb fracture/vein/stockwork	ALT- S/K; v bleached, mod seri alt'n of phenos.	UC - 60°CA Py 5-10% in dissem patches appearing to replace phenos – also some py stringers						
			~88.55 cataclastic shear. 2cm/45°CA						
		89.65 – 90.35 ALT- M; green matrix, not unaltered, but v. intense qz-cb stkwk (@ core?); very dk green replcd phenos.	88.95 – 94.75 py decr to ≤3%; rare sfd dissem						
	[NOTE - Section of core missing from 92.66 – 93.57 (approx)]	90.35 – 97.20 ALT- S; v. bleached; lt grey to olive. strong qz-cb alt'n; seri alt'n of phenos to bright green	94.75 – 95.01; less porphyritic texture, homogeneous matrix w/ ccs aggregates of py ~ 8%.						
			95.01 – 97.20. py continuous, replacing phenos (?); 5-10%.						
			@ LC. contact sheared 10°CA						
97.20 – 103.75	QZMZ; wk qz-cb veins/frac infills, minor stkwks/cataclasites.	ALT- S; v. seri - pale green rel't to core; less lim/hem & OX	@100.14 cataclastic bx. ~4cm/20°CA. dk grey brown sericitic clay-rich matrix (v. minor sv) w/ rounded, deformed QZMZ clasts						
			@101.44 qz veins & qz flooding w/ narrow chlor phase, dec >6cm.						
103.75 – 104.60	ANDS., porph.	ALT. S; strong seri alt'n of phenos (bright green)	UC, sheared, ~45°CA Py rare <1%						

CME

Hole No.: 97-36

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
104.60 – 107.40	DMG.Z / SHR.Z / BX ; v. sheared, alt'd zone of QZMZ, AND'S and. pass RHYL Banded QZMZ ring @ 105.56	ALT- S/K ; green serc rich matrix ; cb, clay alt'n	106.62 – 107.40 minor fine dissem Sx.						
107.40 – 135.33 (approx)	RQFP, fairly typical Central Member. Flow banded @ UC ; V. lt grey to off-white ; small qz eyes than N. Member, less abund ; also fsp phenos smaller, more irregular . Quite competent and homogenous.	ALT- M/W ; seri alt'n, minor lim/hem on sfcs.	UC 35°CA, flow-banding is 11. Py v. rare <<1%, dissem cubes.						
			127.93 – 128.86 sheared RQFP w/ thin QZMZ wedge @ 128.80. RQFP, v. fract'd. but healed w/ qz.						
			130.70 – 131.27 sheared RQFP, main shear @ 131.08 w/ fissile, highly fragment rock, ~20°CA; @ 131.27 cataclasite (lower ext of main shear), ~4cm / 20-30°CA. @ 133.20 strong flow bands 65°CA.						
	134.67 – 138.46 v. strong shearing, Mylonitic zone, crossing RQFP / QZMZ lith contact and continuing to next RQFP contact ; Cataclastic matrix v. dk grey to greenish brown, friable, v. soft. ← →	RQFP, when competent, vitreous, silicified ALT-X							
135.33 – 138.46	MYLT/QZMZ ; pot. dominantly highly sheared mylonite/cataclasites w/ alt'd QZMZ.	QZMZ ALT-X ; locally v. soft and gungy	137.88 – 138.46 completely disaggregated mylonite/cataclasite, contact zone w/ RQFP below.						
138.46 – 141.95	RQFP, RHYL ; similar to central, though less qz eyes ; and advent of Sx veins.	ALT- S ; strong seri alt'n	Py – 3% in veins + dissem through unit	09098	138.46 – 139.90	1.44			
			141.40 – 141.95 weakly bx'd ; zones of flow-banded RHYL against homogenous RHYL ; Sx veins ~ 5-10%, mostly py @ 141.80, several Sx aggregates w/ yellow/orange calc halos (lim?), but not obvious other py occurrences? – may indicate As rich py (arsenian pyrite).	09101 09102	139.90 – 141.25 141.25 – 141.95	1.35 0.70			

CME

Hole No.: 97-36

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
141.95 – 151.30	QZMZ; 141.95-142.95 sheared; 142.95-145.39 rel unsheared; seri infill of fracs 145.39 – 151.30 mod shearing, incr seri filled fracs; some ductile deformation – wk fabric developed locally	ALT-S; seri; qz-flooded, bleached 146.30 – 147.70 hem common in fracs, assoc w/ seri ± clay	Rare py <1%. 150.00 – 150.40 strong cataclasite, v. dk grey/brown matrix w/ QZMZ & QZ-VN frags entrained, rounded Minor py (visible) 150.50 – 151.30 faulted contact zone w/ qtz below (brittle deformation) clay alt'n (appears to have been a core misfeature here as well) @151.30 Fault gouge right @ contact	09103 09104	141.95 - 142.95 149.05 - 150.00	1.00 0.95			
151.30 – 154.38	RFP; S. Marker; v. pale brownish rock w/ v. pale green; ragged FSP phenos w/ intense staining; generally quite fracd.	ALT – M/S; pervasive but subdued seri; clay on fracs. 154.09 – 154.38 ALT-X	XC sheared. 154.09 – 154.16 clay-seri alt'd, v. strong shear, fracture...soft core Below core v. green, fract'd, harder, then soft @ contact						
154.38 – 202.90	QZMZ; not shearing. 155.27 – 158.19 Bx'd QZMZ. qz frags in strong sheared seri matrix; extensive fragment of frags.; poss minor AVUS @ 156 156.30 – 156.57 RHYL (?); v. alt'd; appears to be high alt'n periphery; complete seriticization of matrix. ALT-X 158.19 – 163.50 wk sheared QZMZ. ALT-S	ALT-X/S; strong seri and clay alt'n; in places soft, else where v. hard due to qz-floodings ← ALT-X – v. alt'd, complete seri matrix;	154.38 – Py rare <1% 155.27 – 155.40 shear, fragmented gouge; clay core 162.30-167.50 qz-sx veining; disrupted and offset; shear @ low CA (10°CA) w/ fine disseminated py ~ 1%, poss v. late as in Sxtn; also yellow stain of Sx along shear						

CME

Hole No.: 97-36

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(QZMZ, cont'd) [Note following intervals approximate due to core condition] 163.50 – 164.10 SX ANDS; pale green to dk green grey w/ abund aspy+py, occ. qz-sx vnlt. w/ crs sph. (10 - 30%.) 164.10 – 164.35 SX QZMZ, sheared; w/ narrow cataclasite bands; ALT-X; fine dissem py+aspy 15-20% 164.35 – 165.90 SX ANDS (?) also w/ xenos of QZMZ, highly sulphidized w/ py+aspy + occ. crs sph. - ALT-X & ser. alt'n 165.90 – 166.20. QZ-SX BX, dk sx + clay-ser matrix w/ fragments of QZ-SX 166.20 – 167.00 QZMZ, bleached; wk SX (pyonly ~1-2%) 167.00 – Sheared QZMZ, ALT-X w/ numerous cataclasite stringers, w/ fragment QZMZ. 167.00 – 168.40 M4LT ALT-X 168.40 – 169.00 QZMZ - ALT SIX 169.00 – 169.20 M4LT - ALT-X. 169.20 – 170.00 several pieces of QZ-SX VN; unknown if all were together or indiv. veins as core has shifted in box – likely one major vein: ~20cm wide (core length); heavy Sx of aspy+py+sph (~40%) surrounded by sheared QZMZ w/ minor cataclasite. 170.00 – 171.00 QZMZ, sheared; 171.00 – 171.90 M4LT; w/ qz-sx vn frags;.	← 20-30% sx (aspy+py+sph)	@167.83 ANDS xeno w/ 15% dissem py.; also @ 163.14. 163.40-163.50; dissem py ± aspy in QZMZ; ~10%. @ ~169.30 qz vnlt, 5mm, w/ wk sx halo/selv. @ 169.70 mass-lht qz vn ~ 2cm/35° w/ 10-15% sx.	09105 09106	160.81 - 162.28 162.28 - 163.50	1.47 1.22			

CME

Hole No.: 97-36

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	173.50 - 173.75 Sx QZMZ, dissem aspy-py; 15-20%. 173.75 - 174.35 QZMZ, sheared, Sx poor. 174.35 - 174.43 ANDS reno. 10-15% Sx. 174.43 - 175.75 variable Sx QZMZ, from 3 - 15% fine dissem aspy + py. 175.75 - 176.00 ANDS, sulphidized. w/ Sx vnlts. and fine Sx replacement. 176.00 - 178.50. QZMZ, o alt'd, sheared; minor cataclasites; generally Sx poor except at upper contact. 178.50 - 180.20 ANDS; mod Sx; generally more typical bleached, olivic, pyritic unit. 180.20 - 183.10 QZMZ, variably Sx'd, @182.70 Sx ANDS ~ 10 cm. 183.10 - 190.20 QZMZ, wk Sx, typical alt'd unit; ~ 3-5% dissem cubic py, trends to concentrate on fracs, minor aspy <1%. 190.20 - 192.20 Sx QZMZ; variable, but up to 20% dissem aspy. 192.20 - 197.75 wk Sx QZMZ, but zones of aspy + py. (py @ 195.05) 197.75 - 198.20 ANDS. 197.75 - 197.80 Sx ANDS 30-40% w/ acic aspy needles & qz-Sx vn. 197.80 - 198.20; typical olive bleached ANDS; pyritic 198.20 - 200.90 QZMZ. @199.15 ANDS ~ 10cm.	ALT - X ALT X ALT - X ALT - X	173.10 - 173.50. QZ-Sx VN, mass wht qz w/ v. rich aspy showing radial growth (acac) 40-60% Sx; poss ANDS host. @174.80; qz vnlt w/ Sx halo 176.00 - 176.05 v. strong Sx dissem; aspy ~ 20%. @180.05 qz vn in ANDS, irreg. ~ 5mm - 10mm / 30°CA, w/ dissem aspy + crs sph; also dissem aspy "halo" @182.90 Sx in QZMZ, wl vuggy, 15-20% aspy @190.85-190.90 cataclasite, v soft friable;. @197.75 - LC of ANDS, qz Sx vn w/ mass aspy in net mesh texture. 199.65 - 199.80 Sx ~ 10-15%, aspy + py. 200.30 - 200.65; qz flooding w/ minor Sx; cataclasite						
					* NOTE CORE SAMPLED BETWEEN 183.10 & 190.93 m BUT NO RECORD OF DATA IN DB OR HISTORICAL LOGS - WILL QUARTER FOR SAMPLES					
				09107	183.10 - 184.10	1.00			
				09108	184.10 - 185.62	1.52			
				09109	185.62 - 187.15	1.53			
				09110	187.15 - 188.67	1.52			
				09111	188.67 - 190.20	1.53			
				09112	190.20 - 190.93	0.73			
				* SAME ISSUE FOR SAMPLE BELOW - QUARTERED					
				09113	192.32 - 193.24	0.92			
				09114	193.24 - 194.77	1.53			
				09115	194.77 - 196.29	1.52			

CME

Hole No.: 97-36

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(QZMZ, cont'd)			09116	200.86 - 202.39	1.53			
	200.90 - 206.90 QZMZ; typical hangingwall altd unit, still quite strong seri;	ALT - S; v. bleached	Py 2-5%, variable, narrow stringers of dark clay + sx; v. rare aspy.	09117	202.39 - 203.91	1.52			
				09118	203.91 - 205.44	1.53			
				09119	205.44 - 206.96	1.52			
				09120	206.96 - 208.90	1.94			
208.90 - 209.66	ANDS, porph; mod qz-cb stkwk.	ALT - S/M, bleached, mod seri pinesse	UC 25°CA	09121	208.90 - 209.66	0.76			
209.66 - 210.71	QZMZ; as previous (200.90-208.90)	ALT S/M.	LC irreg 30°CA.	09122	209.66 - 210.71	1.05			
210.71 - 213.52	ANDS; porph; mod strong qz-cb stkwk. A few QZMZ zones.		UC 25°CA 212.74 - 212.94 four qz-cb veins w/ prominent alt halos; similar to sx halos in SX ANDS units described Minor py, quite aspy assoc w/ these sx halos.	09123	211.60 - 213.52	1.92			
213.52 - 214.12	QZMZ.	ALT - S	LC - 40°CA	09124	213.52 - 215.01	1.49			
214.12 - 214.40	ANDS.	ALT - S.	UC - 40°CA LC - 15°CA						
214.40 - 215.01	QZMZ	ALT - S							
215.01 - 216.15	ANDS	ALT - S	UC - 50°CA Py 1-2%. 216.00 - 216.10; qz veining w/ sx; py dominant; minor aspy ~10% total sx. LC - 30°CA.	09125	215.01 - 216.15	1.14			
216.15 - 220.39	QZMZ.	ALT - S/M.	@216.85 chalcedony? - cb; seri + qz tension gash infill, purplish	09126	216.15 - 217.63	1.48			
		217.80 - 218.20 intense seri frac infill, QZMZ, excellent.		09127	217.63 - 219.15	1.52			
				09128	219.15 - 220.30	1.15			

CME

Hole No.: 9736

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
220.39 - 220.80	ANDS., porph.; strong qz-ep vnlts.	ALT- S, bleached, olv'e, occasional dk bands (Sx)	UC 75°CA, cutoff qz vn. Fine disseminated py, poss asPy. 5%.	09129	220.30 - 220.80	0.50			
220.80 - 222.84.	QZMZ,	ALT- S		09130	220.80 - 222.20	1.40.			
		222.20 - 222.40. rare clay in fracs							
222.84 - 225.82	ANDS; w/ zones of hematitic QZMZ, V. abt contact angles; injection & steering of units.	ALT- S/X. ANDS w/ numerous white clay fracs; v. soft - qz-ck stwk has been clay alt'd.	Py rare 1-2%						
	223.30 - 223.72 low angle QZMZ injection/ dyke; purple due to hematitic alt'n; 41cm / IS-20°CA w/ multiple offsets								
	@223.96 hematitic QZMZ ~10cm.								
	225.25 - 225.37 QZMZ, not hematitic	225.37 - 225.82 highly fract'd ANDS w/ abund wht clay on fracs.							
225.82 - 228.69	QZMZ.	ALT S/X;	Py v. rare <1%.						
	226.36 - 226.64 ANDS.								
	@228.65 ANDS ~ 6cm.	V. sericitic @ LC.; qz ep veins in fill @ contact.	@228.65 - 228.69 pyritic @ LC contact w/ ANDS; py 20%						
228.69 - 230.81	ANDS, porph.	ALT- S/M; mod strong ser. alt'n planes.	Py 1-3%. UC irreg, ~30°CA.	09131	228.69 - 229.82	1.13			
			@229.47 qz veins w/ diffuse Sx halo; 10% py. over 10cm	09132	229.82 - 230.72.	0.90			
			LC - 20°CA; w/ py, tr asPy						
230.81 - 233.17	QZMZ;	ALT- S	@ UC, v. ser. alt'd QZMZ w/ Sx (asPy + py) ~ 15% over few cm's;	09133	230.72 - 231.12	0.40			
				09134	231.12 - 232.20.	1.08			
			@ 230.98 qz-Sx vn; diffuse margins 25% Sx (py'asPy, Stl?) ~1cm. / 70°CA.						
		231.04 - 231.86 v. propylitic QZMZ							
233.17 - 234.29	ANDS porph; mod qz-ck stwk	ALT- S/M.	UC ~30°CA LC broken						

CME

Hole No.: 97 36

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
234.39 – 234.89	QZMZ.	ALT- S							
234.89 – 237.47	ANDS	ALT- S, hematite alt° along fracs v strong 236.73–237.44 where intense qz-cb vnlts, hematitic	LC - 35°CA @ 237.20 fault Py ~ 2%. LC - 55°CA						
237.47 – 239.11	QZMZ 237.65 – 238.00 ANDS UC 45°CA, LC ~ 20°CA 20% pyrite @ UC; alt veg alt°	ALT- S; seri., wk K-spar bleaching.	Pyrite ~ 2%, but variable; up to 5% @ contacts of ANDS.						
239.11 – 240.79	ANDS, wk qz-cb stkwk. 240.07 – 224.24 QZMZ xenol, irreg shape	ALT-M.	UC - 30°CA, qz-cb vn along contact, hematitic frac sets LC 40°CA.						
240.79 – 242.01	QZMZ	ALT- M/S	@ LC qz-cb vn, ⊥ to contact angle.						
242.01 – 243.46	ANDS, wk qz cb stkwk. 243.55 – 243.05 mod qz-cb stkwk	ALT-M. wk pervasive hem alt°, mostly restricted to frac sets	UC 20°CA ~243.5 poss. fault - broken core. @ 245.40 – 245.46 fine laminar fracs w/ seri + py infill, ~ 5% finely disem py.						
245.46 – 249.31	QZMZ @ 245.88 ANDS stronger ALT-S; 30°CA. 1-2cm.	ALT- M	LC - 40°CA Py rare ≤ 1%						
249.31 – 249.63	ANDS; v. green, wk qz-cb stkwk.	ALT- W/M	Minor py assoc w/ mineralization UC LC 35°CA						
249.63	END OF HOLE								

CME

Project name: SKUKUM
Project #: CP56C
D.D. Hole #: 97-37
RELOG.

Length (m): 152.10
Grid: UTM NAD 83
Dip: -42
Azimuth: 161
Core size: NQ

Contractor: CARSON
Northing: 6672831.345
Easting: 484346.539
Collar Elev.: 925

Hole survey type:
Started:
Completed:
Logged by: TV
Date logged: 11/09/03

	Depth	Dip	Azimuth
Started:			
Completed:			
Logged by: TV			
Date logged: 11/09/03			

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0.00 - 1.02	CASING / NO CORE								
1.02 - 33.48	QZMZ, med grained, hypergranular; pink + green where fresh to brown tint/stain coating where altered + SEC oxidation. V. magnetic when fresh. Minor ANDS / DIOR veins	ALT - W/N, variable - bands of propylitic to argillic alt between zones of green unaltered rock; ALT typically veins + wound margins 97-03 + 04 drill holes 1.22 - 5.25 ALT-N (minor W) 5.25 - 6.70 ALT-N 6.70 - 10.79 ALT-N 10.79 - 17.18 ALT-M+W; centred by 97-05 vn 1- 5mm/85°CA. 17.18 - 20.10 ALT-W, local narrow zones of N (magnetic) 20.10 - 27.63 ALT-M, bleached, friable 27.63 - 24.90 ALT-N/W; v. wk propylitic, wk end of metric 24.90 - 32.20 ALT-W, v brown weathered (rim), propylitic 32.20- ALT-S/X rare slightly pitted/leached where clay alt'n removed.	Rare disem py (<1%). @ 21.05 qz vn, w/ sericitic py + wisps 5mm/65°CA. 32.20 - 37.45. SHR-2 in QZMZ, sheared qz vns, cataclastic / fbx shear fabric 43°CA. @ 32.33 cataclastic @ 37.48 sheared qz vn. 1cm/45°/dk grey selv. Py 1-2%, patchy disseminations @ 34.10 qz-cb vn, 5mm/85°CA						
33.48 - 36.00	ANDS, sheared; olive colour; porphyritic	ALT-S, bleached, seric							

CME

Hole No.: 97-37

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(ANDS, rust to)		@ 34.90; approx; qz-sx VN, wnt 90°, moderately sx - pale stib/aspy. Pyritic ANDS;						
36.00 – 36.66	QZMZ, (core, decomposed due to strong exposure)	ALT - M;	36.57-36.65 sheared QZMZ, less Fe alt°, more ser/clay alt°.						
36.66 – 42.61	ROFP, tan to buff white, w/ grey-blue qz eyes and subsidiary fsp phenos. Irregular pale green zones of decomposing QZMZ/ANDS(?); qz ± fsp phenos are present w/in these.	ALT - M/W Alteration strongest @ sheared contacts w/ QZMZ. Wk qz-cb hairline gash infilling	LC - 50°CA V. Rare py (<1%) UC - completely clay alt'd, v. soft goopy (partially due to core exposure) w/ 4cm wide						
42.61 – 44.07	QZMZ, highly alt'd, UC sheared strongly	ALT - S/X, v. bleached w/ high clay alt'n	UC 45°CA, w strong shear fabric developed at fault orientation from: 42.61 – 42.86. @ 43.02 finely abund clots of py ~10% over 5cm	07397	42.61 – 44.07	1.46			
44.07 – 44.54	ANDS, porphyritic, sheared.	ALT - S/X, very ser/clay rich, bleached; v soft and friable;	Py 1-2%. Main shear @ 44.45-44.70.	07398	44.07 – 44.54	0.47			
44.54 – 48.72	QZMZ, sheared, highly alt'd, v. soft.	ALT - X, v. ser.	Py ≤ 1%	09851	44.54 – 45.42	0.88			
	45.04 – 45.12 ANDS, ALT - X.								
	45.12 – 45.33 QZ-SX VN w/ HLBX, retrodeable below;		@ 45.20 QZ-SX VN: 2cm/60°CA 15-20% aspy + py.						
		45.33 – 48.72 ALT - S	@ 45.20 – 45.33; HLBX QFMZ + QZ/CB VN frags in dark ser/clay matrix.	09852	45.42 – 46.24	1.52			
				09853	46.24 – 48.72	1.78			
48.72 – 50.54	ANDS; m-c green, porphyritic; fsp phenos still quite dark green	ALT - M, bleached; mod qz-cb stwrk,		09854	48.72 – 50.54	1.82			
	49.04 – 49.37 QFMZ xenos.		49.66 – 49.90 qz cb vning w/ 5% aspy + py; ALT - MS, bleached ANDS.	09855	50.54 – 51.88	1.34			

CME

Hole No.: 97-37

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
50.54 – 55.95	QZMZ;	ALT-M, increasing downhole	Rare py (≤1%)						
			51.88 – 53.50 Alt'd zone w/ ANDS (<10cm) and highly bleached and locally sulphidized QZMZ. Yellow-orange alt'n mineral present on fract'rs; poss Js-OK. Numerous narrow veins; occasionally large blobs of py.						
		55.30 → ALT-S; incr. clay content, softer.							
	@55.33 sheared ANDS 6cm ALT-S	53.02 – 53.50 ALT-S, bleached pyritic QZMZ	53.02 – 53.50; v. alt'd, 5% stringers common; py + aspy + stib 5-10%						
	@55.86 7cm ANDS ALT-S		@LC sheared contact w/ ROFP						
55.95 – 65.99 (approx)	ROFP (crowded porphyry); mucn pores (all white) from pervasive clay alt'n; 99-eyes smaller, less planar smaller, flows banding common @ flow contacts	ALT-M, though variable, Sri: gives v pale greenish hue.	Py ~1%, disseminated cubes						
		60.66 – 62.18 ALT-S (?), pinkish, textured, clay alt'n.	@62.60 structure w/ gouge and yellow alt'n; green/fault plane.						
65.99 – 71.66	QZMZ, sheared & of numerous intermixed ANDS dyke material, fragments or dykes?	ALT-X	LC bx'd, 5%, silicified						
	66.20 – 66.75 ANDS; mod qz vb stwk. ALT-S.	QZ-flooded, abund clay/ser alt'n, v. soft friable core.	1% ≤1%						
	66.75 – 67.26 QZMZ, sheared. ALT-X								
	67.26 – 67.84 ANDS, highly sheared ALT-Y py 1-2%, narrow hairline Sx veins.			09856	67.26 – 67.84	0.58			
	67.84 – 69.05 QZMZ, v. sheared, ALT-X			09857	67.84 – 69.05	1.21			
	69.05 – 69.67 ROFP, ←→	ALT-S. ←→	69.05 – 69.62 hairline Sx veins in ROFP, appears to be fine stibn blue-grey, minor py + probable aspy but <1%	09858	69.05 – 69.67	0.62			
	69.67 – 71.20 QZMZ, v. sheared, alt'd.			09859	69.67 – 70.62	0.95			
	70.82 – 70.92 cataclasite.		70.82 – 70.92 (approx) cataclasite shear; v. dark ser/clay, fissile Ker & Sx						

CME

Hole No.: 97-37

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	71.20 – 71.66 ANDS, porphy; ALT-S; v. sheared; qz-cb frags & veins.								
71.66 – 73.71	MYLT/SHR.2; highly sheared, strong fabric developed; dark clay/ser matrix w/ lesser QZMZ frags & augen; rolled & milled.	ALT-X	Minor sv, py dominantly ≤1% (unless v. fn grained and invisible under tone lens) Fabric 30-50°CA.						
73.71 – 74.44	RHYL/RQFP; tan, fairly homogenous; -qz-eyes & fsp phenos	ALT-S.	Rare hairline sv veins						
74.44 – 75.50	QZMZ; highly sheared & alt'd.	ALT-S/X	UC, cataclasite, dk sheer. LC, also cataclasite given contact as above.						
75.50 – 75.87	RQFP; sheared and qz-flooded, esp. upper 10cm, hairline qz-sv veins	ALT-S.							
75.87 – 77.12. (approx)	QZMZ; as previous unit	ALT-X; upper contact v. clay rich. Near LC, increased silica	Py 1-2%, v fn disem.						
77.12. – 85.64.	RFP; (with marker); light tan to off-white; qz-eyes absent, weak iron alt'n. Fsp phenos variable size & cont; up to 5mm,	ALT-M overall. 77.12 – 77.75 ALT-X/S; v. green @ contact due to seri-citization. 77.75 – 78.55 ALT-M. 78.55 – 83.35 ALT-W/ lg Fsp phenos; tan-med grey matrix. 83.35 – 85.64. ALT-M;							
85.64 – 85.84	SHR.2, mostly sheared RQFP.	ALT-X; v. green, seri rich	Py absent.						
85.84 – 89.20	QZMZ; v wk internal shearing; primarily discrete @ narrow cataclasites	ALT-S; seri rich;	Py 2-3%. 85.80-86.03 strong shearing HLBY w/ seri/qz-sx & frags & QZMZ frags	09860	85.64 – 86.03	0.39			

CME

Hole No.: 97-37

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
			87.84-88.04 shearing.	09861 09862	86.03 - 87.50 87.50 - 89.20	1.47 1.70			
89.20 - 91.90	ANDS, purple (v. altd from the ox, brown lam shown reading) - difficult to ascertain alt. state	ALT - M.	Pyritic 2-5% disem cubes & aggregates/ v. yellow py						
91.90 - 100.11	QZMZ, highly sheared, altd;	ALT - S/X; variable, v. serr. rich, clay typically along frac sfc, - qz flooding variable.	Py 1-2%, may be locally banded when assoc w/ qz floods.						
	92.23-92.39 QZ-rich zone / FELS?		92.50-92.80 v strong shearing - clay alt' on fracs; shearing sub II to CA.						
	@97.88 ANDS xenol: med grey green, wk SX ALT - S/X, py 2%								
	98.44-98.64 ANDS; wkly sulphidized, disem py 5%. - this unit appears close to typical high-grade ANDS types elsewhere but no fine disem of aspy/py								
100.11 - 101.20	FELS - v. pale, v. bleached unit, may be exceptionally a QZMZ; finer grained than QZMZ	ALT - X; serr along fract along w/ clay; barren of mafics; fine grained							
101.20 - 103.40	QZMZ;	ALT - S/X; serr; bleached	Locally bleached zones w/ 4 to 10% aspy + py. - hspy v. finely disem and in stringers. esp. @ 101.70 & 103.25.						
103.40 - 113.18	FELS; as previous unit	ALT - X	Py rare ≤1%, fine cubic disem						
			@105.05 qz-sx vn (frag w/ mafic sx of py + sph) - aspy 15 cm; orientn along CA but cut off/off set	09863	103.40 - 104.85	1.45			

CME

Hole No.: 97-37

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(FELS, cont'd)								
	108.00 - 108.13 ANDS; porphyritic, sheary uc/c. 35° CA	ALT - S, ser; trc phases		09864	105.37 - 106.87	1.50			
				09865	106.87 - 108.22	1.35			
				09866	108.22 - 109.42	1.20			
	109.52 - 109.93 ANDS, as above, but some qz hairline vns w/ trc py ± aspy esp @ 109.67			09867	109.42 - 109.97	0.55			
				09868	109.97 - 111.50	1.53			
	113.03 - 113.18 ANDS, sheared, w/ qz vning		113.04 stib? on frac sfcs	09869	111.50 - 113.18	1.68			
113.18 - 116.36	QZMZ; highly silicic, alt'd.	ALT - X/S.							
	113.80 - 117.38 (approx) ANDS; porphyritic, rare qz eb stkwk.	ALT - M/S.		09870	114.38 - 115.45	1.07			
	115.45 - 116.41 Zone of pale, bleached QZMZ, sulphidized w/ grey-blue Gl py and/or stib. Aspy/stib 2-5%.		@115.55 aspy ~ 10% dissem in QZMZ.	09871	115.45 - 116.41	0.96			
	115.88 - 116.36; low angle veining bleached QZMZ w/ aspy; v. low to CA (5-10°) against more typical brown/orange wisps of QZMZ								
116.36 - 170.90	FELS; may be v. highly alt'd QZMZ but texture obscured - wk intrusive texture visible.	ALT - X; qz flooded; ser on all internal fcrs; v bleached.	116.41 - 117.20 aspy/stib; dissem and w/ qz floods; 2-3%; also small stringers @118.20 stib coated frac.	09872	116.41 - 117.20	0.79			
				09873	117.20 - 118.57	1.57			
				09874	118.57 - 120.09	1.52			
120.90 - 121.15	ANDS, mod sulphidized	ALT - S; olive sfc alt'n,	Py, aspy stib ~10%. v. fn qz veins w/ py/aspy. Stib dissem in discrete blebs.						

CME

Hole No.: 97-37

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
121.15 – 126.20	FELS/QZMZ: sheared, highly alt'd. v pale w/ green seri. stringers	ALT- S/K; v. qz flooded; V. seri. rich, local clay on fracs. - some brown ste weathering typical of QZMZ	Rare py (≤ 1%)	09875	121.15 - 122.15	1.00			
				09876	122.15 - 123.14	0.99			
				09877	123.14 - 124.66	1.52			
			121.90 – 122.60 Low angle shear down CA; with heavy seri; qz flooding and minor py + stib.	09878	124.66 - 126.19	1.53			
			@ 124.35 stib stringers?						
			124.66 – 125.16 low angle shear/frac w/ heavy green seri, qz and minor stib.						
			@ 126.85 qz flood w/ 10% disem cubic py						
126.20 – 138.00	QZMZ, core brown; more QZMZ-like., still v. felsic, white to pale green; small bt dishard feld. xtals; abund qz flooding	ALT-X. Numerous orange-brown alt'n of xtals?; pos. cb-qz alt'n (fe-rich cb)	Rare py (<<1%.)	10202	126.19 – 127.71	1.52			
				10203	127.71 – 129.24	1.53			
				10204	129.24 – 130.76	1.52			
				10205	130.76 – 132.63	1.87			
		130.76 – 130.96 Heavy seri & large qz flooding	@ 131.92 narrow seri.-rich shear. 20° CA.						
			133.47 – 134.06 Fine disem aspy in bleached QZMZ, ≤ 5%	09879	132.63 - 133.47	0.84	2.49		
				09880	133.47 - 134.75	1.28	8.20		
			134.75 – 135.80 - as above, disem aspy; 5%, locally up to 8%.	09881	134.75 - 135.80	1.05	5.10		
			@ 136.70 aspy disem 5%	09882	135.80 - 136.86	1.06	1.19		
			@ 137.50 aspy disem ~10%. over ~5 cm.	09883	136.86 - 138.00	1.14	1.80		
138.00 – 138.35	ANDS; porphyritic	ALT-M, bleached; green, wkly sericitized phenos.	Rare disem py.						

CME

Hole No.: 97-37

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
138.35 - 138.90	QZMZ, pale to white, wk sheeting	ALT - S, bleached	Dissem. aspy & py; Aspy v. fn grained; py cubic, rusty. Aspy to 1%, py ≤ 3%.						
138.90 - 139.90 (approx)	ANDS, porphyritic, to sulphidized w/ aspy-py. Sulphidation overprinting typical purple ANDS texture; becomes greyer, less olive coloured; SX dissem and vnlt controlled	ALT - S	139.20 - 139.40 Heaviest SX in ANDS; ≥ 3% aspy py.						
			@139.70 QZMZ sliver next to ANDS. QZMZ w/ ~1% dissem aspy.						
139.90 - 147.68	QZMZ, wk sheeting, more typical footwall/hanging wall alt'n QZMZ Minor xenos.	ALT - M/S 139.90 - 140.30 qz-flooding, v. felsic	139.90 - 140.17 qz vning w/ dissem aspy in w/r. 5-15%.	09884	140.17 - 140.74	0.57	2.16		
			140.62 - 140.68 strong cataclastic shear zone, v. dk ser/clay; entrained qz vn frags w/ SX (aspy, py).	09885	140.74 - 142.35	1.59			
				09886	142.35 - 144.00	1.65			
			@144.88 shear zone ~10cm 60°CA; pyritic in QZMZ.	09887	144.00 - 145.80	1.80			
				09888	145.80 - 147.68	1.88			
147.68 - 148.58	ANDS, porphy. - heavy ox (Fe) staining due to sfc. exposure, fresh sfc shows bleached, alt'n.	ALT: M, bleached; green SX: ± ch. phenos	Minor py ≤ 1%.	09889	147.68 - 148.75	1.07			
			LC 30°CA						
148.58 - 148.75	QZMZ, as previous.								
148.75 - 149.15	ANDS; porphyritic; w/ zones of sulphidation.	ALT - M/S; bleached, locally SX	Py/aspy up to 10%, v. fine dissem; v. small qz vnlts. w/ SX.	09890	148.75 - 149.15	0.40			
				09891	149.15 - 150.15	1.00			
149.15 - 152.10	QZMZ, variably alt'd, typical sugary & med grained equigranular unit	149.15 - 150.13 ALT - M 150.13 - 150.70 ALT - N/W 150.70 - 152.10 ALT - W/M	Rare py (<1%)						

152.10 END OF HOLE

97-38

CME

Project name: SKUKUM
Project # : C056C
D.D. Hole #: 97-38 RELOG.

Length (m): 209.09
Grid: UTM NAD 83
Dip: -57
Azimuth: 161
Core size: NQ

Contractor: CARON
Northing: 6672831.345
Easting: 484346.539
Collar Elev.: 925.

Hole survey type:
Started:
Completed:
Logged by: TV
Date logged: 11/21/03 -

	Depth	Dip	Azimuth
Started:			
Completed:			
Logged by:			
Date logged:			

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0. - 0.91	CASING / NO CORE								
0.91 - 53.10	QZMZ ; med grained eq granular. Pink o green when fresh and v. magnetic wk qz-cb veins in fresh w/ sericitic alt halos from few cm's to ½ m+ wide ; Vnlts are typically < 5mm Minor xenoliths of DIOR / ANDS, sil fenced @20.55 7cm xeno 29.14 → Few to no intensional qz vns ; only minor hairline ± 2mm cb-seri-qz vnlts/fracs.	ALT - W / N ; variable. V. slight propylitic ; wk sericitic to V. fresh unaltered 10.43 - 11.53 prop/seri alt halo around qz vn. 11.53 - 29.14 ALT - N ; fresh 29.14 - 32.80 K-spar (?) alt ALT - M ; pale pinkish brown, v. distinct alt front, minor seri. 32.80 - 36.30 ALT - W ; wk K-spar/seri alt 36.30 - 50.55 ALT - M, K-spar alt (mor (and seri) - pink-brown tone ; w/ small fresh zones	@11.21 qz vn 2cm/ 85°CA, mass wht. Minor disem py in vn. @17.36 qz vn 1cm/85°CA ; wht massive w/ arg alt halo ~ 20cm @19.16 qz vn 2cm/85°CA ; wht massive w/ 15% disem/massive stib, poss aspy. @21.35 qz vn, somewhat sheared ~1cm/35°CA ; w/ 30cm arg alt halo. @28.37 narrow qz valt 4mm/80°A						

CME

Hole No.: 97-38

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
		50.55 - 52.31 ALT-M; K-spar decreased to v. wk; dominantly sericitic alt'n; wk clay development on fracs							
	52.31 - 53.10 SHR. Z w/ cataclastic shear; qz veins, minor SX; good clay gouge development @ cataclasite	52.31 - 53.10 ALT-K; v clay rich, seri v. abund	@ 52.31 irreg qz-seri - stkb ? vn	09033	51.25 - 52.31	1.08			
			@ 52.60 shearing 45°CA.	09034	53.10 - 54.66	1.56			
53.10 - 56.93	ANDS, porphyritic; highly frac'd; olive coloured; green phenos wk-mod qz-cb stkwk.	ALT-S. bleached, phenos sericitized (mod)	Py 3-5% dissem throughout ANDS.	09035	54.66 - 56.00	1.34			
				09036	56.00 - 56.93	0.93			
	54.08 - 54.66 QZMZ sliver/wedge @ low angle to CA;			09037	56.93 - 57.70	0.87			
				09038	57.70 - 59.13	1.43			
56.93 - 59.13	QZMZ, sheared, narrow cataclastic/pressure solt clay seri -5x frac infills oriented 50°-11 CA.	ALT M/S.; v. seri.	@ 56.93 strong cataclastic slip plane, v. dk grey to blueish clay-seri, poss SX; 45°CA.						
			@ 57.65 qz vn, slightly sucrosic, wht w/ dissem stkb?; seri, rare cb. 5cm/50°CA; above vn Py 5-10%, in QZMZ						
			58.83 - 59.13 incr shearing @ LC. w/ incr clay.						
59.13 - 72.45	ROFP (N. Meyer) UC is flow banded, highly alt'd (seri) Typical dyke w/ grey glassy qz eyes and sub-euhedral fsp laths in tan to slightly reddish matrix (25% phenos)	ALT-W. 59.13 - 59.50 ALT-M	@ 59.30 Flow banding. 25°CA.						
			LC sheared, 20°CA						
72.45 - 73.05	QZMZ, sheared.	ALT-S, qz flooded, v. seri rich	Py 3-5%.						
73.05 - 73.55	ANDS, porph.	ALT-S. v. bleached, phenos mod sericitized	Py 1-3%.						
73.55 - 74.77	QZMZ, sheared	ALT S/M, bleached, qz flooded	@ 7420 ANDS xcut w/ 10% py.						
74.77 - 79.40	ANDS; porph.; wk-mod qz-cb stkwk	ALT-S, highly bleached, seri, wk rem on fracs.	Py 1-3% overall, shatter intervals of up to 10% py. (eg 78.70)						

CME

Hole No.: 97-38

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
79.40 - 80.23	QZMZ; sheared	ALT-X, o bleached, v. pale. o sericitic w/ adno qz flooding	Py 2-3% dissem.						
80.23 - 87.82	ANDS; porph, mod qz-cb stwk	ALT-S/X, v. bleached, pheno strongly sericitized to bright green	Py 5%; dissem aggregates. - probable replacement						
87.82 - 89.56	QZMZ	82.82 - 89.56 ALT-S; v. bleached, qz-flooded; sericitic; locally clay rich on fracs	Py 1-2%. @ 83.85 fault/shear zone, gougy clay alt'd @ 84.00 ANDS xeno/dyke(?) w/ abund Qz in upper contact; ANDS w/ 5% py						
89.56 - 89.77	RHYL / qz-eye porph (Central Marker) v. pale tan to off white; <5% qz eyes	ALT-S (?)	Py(?) stylolitic pressure solf veins (~2%)						
89.77 - 90.70	HYLT / QZMZ; v. strong shearing w/ cataclastic shears - v. dk grey to brown clay + ser ± Sx	ALT-X	@ 90.00 dk ser band in cataclastic shear; poss chalcedony @ 90.50 v. dk cataclastic, fissile - forms contact w/ ROP.						
90.70 - 104.25	ROFP (Central Marker), Wk flow banding; v. pale green to buff Grey qz-eyes; ragged slightly ovoid fsp phenos	ALT-M. UC zone slightly greener, more ser.	Flow bands @ low angle to CA ~10°CA Py. dissem cubes 1-2%, locally dissem py aggregates and rare stkb. @ 90.85 yellow/orange ox'n of py vein	09039 09040 These samples to test for anomalous (~0.5g/t Au) in Central Marker.	90.70 - 92.20 92.20 - 93.70	1.50 1.50			
104.25 - 128.90	QZMZ; 104.85 - 106 (approx) sheared; w/ minor cataclastic seams (core v accompanied in the bin due to fgr exposure)	ALT-S; strong ser w/ mod clay (v. localized); bleached	106.95 - brittle/ductile shearing of QZMZ, slickenlines seen @ 108.95, 109.31, 111.14 and elsewhere Internally v. fabric w/ int'n by ser + relay qtz; minor hem.						
		112.85 - 114.85 strong bleaching and v strong ser. ALT-X	113.85 - 114.85 strong shearing w/ cataclastic 20-25°CA						

Hole No.: 97-38

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(QZMZ, cont'd)		115.50 – 115.75 strong bleaching around clay rich cataclastic zone; v. fract'd ~70°CA						
	117.50 – 125 (approx) FLT-Z; v fract'd QZMZ, rare pieces rarely over 10cm length; v. fragmented 121.77 – 122.50. ALT-V Also v. fract'd from 123.00 – 123.40.		117.75 – 119.70 (approx) shear/cataclasite of qz flooding and 5% py in veins & seams as well as disseam.						
		126.00 – 128.90 ALT-S	@123.95 narrow cataclasite ~30°CA also @ 124.23.						
128.90 – 141.96	RFP (S. Marker); light olive green to tan coloured w/ ragged, slightly granular fsp phenos (15%)	128.90 – 129.25 ALT-S; v. green sericite to wk hem/K-spar alt'n (pinkish)	UC faulted/broken core (possible core mistake)						
		Patchy alt'n continues to 130.60.	@128.71 rubbly w/ infill mineral qz + cb						
		130.60 – 141.96 ALT-M; rel homogenous, wk-mod seri alt'n w/ hem dusting; RFP @ fsp fragments. Cb alt'n mod;	@130 core mistake (QZMZ + RHYL rounded pebbles)						
	@138.40 Fsp phenos up to 5mm	134.02 – 139.10 (approx) mod-strong silicification, v. hard and locally v. glassy; rare colour slightly more greenish brown, rather than tan coloured.							
		139.10 – 140.87 numerous malachite / limonite fract w/ cb, core softer, less silicification							
		140.87 – 141.96 core incr. alt; greener due to seri, shearing masking fsp phenos;	@141.90 E. shear/fract, also RQFP, v. soft, friable; bright green						
141.96 – 150.90	QZMZ, sheared,	ALT-S	V. rare py <<1%						
		141.96 – 143.50 dk seri?, poss ckl making dark mottling of QZMZ localized spotty red hem							
		143.50 – more typical QZMZ, qz flooded + bleached w/ rich seri seams along fracs	@145.35 cb/seri fract infill ~70°CA						

CME

Hole No.: 97-38

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
			149.20 – 150.90 e. sheared, QZMZ, cataclastites; qz veins w/ 5-15% Sx; minor or wk bxt of QZMZ, (some rolled frags) @ 149.95 Sx vein w/ mass. py ~ 92 ~ 5mm / 20°CA						
150.90 – 151.80	Highly sulphidized QZMZ (?) original lithology obscured by dk Sx flooding. Does not appear to be same as Sx ANDS elsewhere; coarse grain texture, slightly pitted (more typical of highly sheared QZMZ) – cut small pc – hematite cross-grained texture w/ massive Sx replacement	ALT-X; clay-ser; + Sx.	Aspy + py 30-40%; tends v dk grey colour to core. Occassionally, thin slivers of qz-Sx vns appear w ~ 30-50% Sx; generally appear narrow – probably bx'd and entrained / flattened along foliation.	*B100884	150.91 – 151.50		45.50 g/t		
151.80 – 154.00	MYLT/QZMZ, ~ 50/50 mix of dk cataclastic clay/ser/Sx w/ highly sheared QZMZ & entrained frags (augen)	ALT-Y	Sx of py, probable aspy but difficult to recognize ~ 10-15% in mylonitic matrix						
154.00 – 157.90	QZMZ, highly sheared, lesser cataclasite;	ALT-Y; v. saricite replacement of fsp – almost textural destruction of QZMZ	@ 154.15 (approx) bx'd qz-Sx vn frags in wk cataclastic shear @ 154.70 qz Sx vn/bx w/ py poss aspy + sph (recessive), also inclusions of ser; v. low angle to CA. (~ 10°CA) 157 – 157.30 v. decomposed QZMZ – high clay alt'n, shear zone ?						
	157.30 – 157.50 RHYL dyke, pale green tan matrix w 5-10% dissem py (S. Mineral?)								
157.90 – 172.06	ANDS; porph; mod-strong qz-ab stkwk locally strong sulphidation w/ near replacement by py ± aspy, also wk dissem cubic py throughout	ALT-S/X. where less Sx, generally dirty coloured, bleached w/ sericitized phenos, when Sx'd; v. med grey to dk grey and little lim/hem alt'n	High Sx 5-15% overall 158.70 – 158.90 Sx ANDS. 30-40% Sx (py + aspy) minor qz veins						
	161.70 – 163.50 mod to strong Sulph. dated - aspy + py + minor spk			*B100895	162.15 – 163.52		31.54 g/t		
	163.50 – 164.10 QZMZ; v bleached and ALT-Y; ser; mod Sx of py			Note: There appears to be some measuring error here – may be due to core shifting in box but Sx ANDS unit measured between 161.70 – 163.50 not intervals as in Assay DB.					

High grade zone may be wider than indicated.

CME

Hole No.: 97-38

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	164.52 – 165.93 QZMZ, v. bleached, pale white and green, mod SX		@165.80 qz vnlt in QZMZ. 5mm/85°CA w/ SX around in halo (10%)						
	165.93 – 166.25 SX ANDS, med grey, 40% aspy fpy								
	167.90 – 168.10 SX ANDS. 40% SX.								
	168.28 – 168.54 QZMZ								
	168.54 – 172.06 ANDS, strong qz-cb. stkwk, rarer SX., bright green ser; planes		168.54 – 172.06 py ~ 1-2%. exception in some qz-cb vn where coarse asseu py up to 10%.						
172.06 – 185.72	QZMZ, locally sheared, mainly alt'd	ALT – S.; v. pale bleached, w/ prominent green ser;	Py sporadic 1-2%.						
		174.10 – 174.30 Sil-flooding – replacement w/ sheer w/ clay @ 174.30		* Reported intervals of samples don't appear to match flags in box – core is rough shape to estimate w/ any accuracy.					
			174.20 – 174.30 retrocleisite						
			174.30 – 177.00 5-15% disseminated SX, locally aspy needle + coarser disseminated py cubes + aggregates. Py tends to occur in qz-flooded zones or around small qz veins.						
	177.00 – 185.72 Med-grained, equigranular QZMZ.	177.00 – 185.72 ALT – M, QZMZ texture (med-grained) mostly obvious w/ clear vn alt'n grade and sheeting.		09041	177.03 – 178.31	1.28			
			178.76 – 179.15 15% disseminated py in QZMZ; @ 179.15 SX ANDS xcuts. Foliated w/ 30° SX	09042	178.31 – 179.22	0.91			
				09043	179.22 – 180.88	1.66			
		180.12 – 180.46 v. bleached, sil – replacement; minor assoc SX (py 7%)							
			@181.83 slip plane 25°CA; clay w/ yellow SX alt'n mineral staining immediate slip plane & w/s.						
185.72 – 188.20	ANDS; porphyritic, but vk, strong qz-cb stkwk.	ALT – M; v. bleached.	Py ≤ 1%						

CME

Hole No.: 97-38

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
189.20 – 189.67	QZMZ;	ALT - S/M. bleached, flooded Ser; post wk K-spar overprint	Rare py <1%						
189.67 - 190.86	ANDS; porphy – as previous ANDS. mod-strong qz-cb stwk.	ALT-M.	Py 5-1% LC 25°CA						
190.86 – 195.41	QZMZ, as previous	ALT-M							
195.41 – 207.28	ANDS, as previous	ALT-M	UC silicified w/ abund hairline fracs w/ qz-cb-ser; Wedge of QZMZ in contact zone below ANDS. 2.5cm wide 15-20°CA						
	198.44 - 199.13 QZMZ, UC ~50°CA, LC - 10°CA	@ 197.80 large porphyroblasts (?) of green ser - poss chl (?) w/ minor cb.							
	199.13 – 207.28 irregular bleaching of ANDS w/ several zones of fairly fresh med green ANDS; mostly olive brown, v. bleached - bleaching emanating from qz-cb veins and fracs.		LC 15°CA						
207.28 – 208.84	QZMZ.	ALT-S, v. bleached qz-flooded, fracs w/ clay also tension infill by chalcedony	V. fracd, probable fault zone.						
208.84 - 209.09	ANDS;	ALT-M; v. bleached.	UC - 55°CA						
209.09	END OF HOLE (HOLE TERMINATED IN FAULT?)								

CME

Project name: SKUKUM
Project #: PS6D
D.D. Hole #: 97-40 (Relog)

Length (m): 243.54
Grid: UTM NAD 83
Dip: -70
Azimuth: 142
Core size: NQ

Contractor: CAECON
Northing: 6672831.345
Easting: 484346.539
Collar Elev.: 925.

Hole survey type: ACID-ETCH
Started:
Completed:
Logged by: TV
Date logged: 11/25/03 - 11/26/03.

Depth	Dip	Azimuth

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0 - 0.91	CASING / NO CORE.								
0.91 - 79.22	DEM7, med grained, equigranular; Where fresh: plag a green, v. magnetic where altd: greenish to brown; typically has "brown-weathering" - stn ox (limonite) of core. Footwall unit typically w/ moderate qz-cb stringers & vnlts and occasionally larger extensional qz-cb ± sx vns up to 3cm; thick vns & vnlts also typically have alt halo (sericite) ≤ 50cm	ALT - sericite, dolomite below; rare propylitic generally sericitic & local ring on fract sfcs 0.91 - 1.30 ALT W 1.30 - 2.48 ALT - M. 2.48 - 2.75 ALT - W 2.75 - 5.07 ALT - M, sil; 5.07 - 6.40 ALT W 6.40 - 7.69 ALT - M 7.69 - 1. - ALT - W. 20.10 - 20.70 ALT - M. 20.70 - 26.00 ALT - W 26.00 - 28.10 ALT - M., v. brown weathering, probable K-spar or hem overprint, pinkish brown. 28.10 - 30.30 ALT - W, sil; 30.30 - 33.20 ALT - M; quite strong propylitic alt through this zone, patchy sericitic while ppy.	@ 6.29 qz-cb vn 1.5cm/65°CA, cb along salb edge core of it, minor sulf stringers. @12.15 qz vn 4cm/70°CA, mass wht qz cbs w/ banded margin (limon) w/ sulf, minor sulfs @16.16 right, here's core w/ cb vnlts (Fe alt). @18.35 qz vn 7mm/75°CA, brecc wht; strong green sil alt halo ~ 30cm wide @19.04 qz vn 2cm/75°CA dissem crs sph. @20.41 shearing w/ dissem sx (sht? - py) in altd DEM7, ~ 5cm wide, local narrow qz vnlts. @29.12 qz-cb vnlt 7mm/80°CA; cc on selv.						

CME

Hole No.: 97-40

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(QFMZ, cont'd)	33.70 – 50.77 ALT N/W, alternating fresh/weak alteration zones, widths: 0.90 – 1.00m; alt° zones pinkish brown – K-spar ± hem, minor cb-qz veins; alteration zones appear to relate to a generation of U narrow qz-cb ± epi veins. 50.77 – 53.19 ALT-W. 50.07 – 51.73 K-spar alt° 52.59 – 53.19 K-spar alt° 53.19 – 56.19 ALT-M, v. brown weathering, incr. ser. alt°, incr qz fracturing/bleaching Wk K-spar overprint 56.19 – 60.20 ALT-W, variable slightly altered to brown weathering alteration + bleaching 60.20 – 63.95 ALT-M, locally W. 60.20 – 63.95 K-spar overprint 63.95 – 64.82 ALT-W. 64.82 – 74.37 ALT-M, v. bleached, little to no K-spar. (approx.) 74.37 – 79.22 ALT – S/X, v. bleached pale green ser/clay rich; incr clay towards LC	@39.30 qz vnlt 3mm/75°CA w/ pyrite selv. w/r. ~ 1% In K-spar alt°, v. low angle fract (<10 – 11 to CA) w/ green ser/clay. 61 – 61.80 FLT-Z; broken core, (mod). @66.59 qz vnlt, alt° zone. 4cm/55°CA Dissem py in w/r. ~ 1% over 10cm @67.65 qz vnlt, py halo (5-10%) vnlt 2mm/65°CA; halo ~ 10cm wide 74.37 – 79.22 sheared, pyrite 1-3% in dissem cubes & py vnlts. @78.95 qz vn/flooding, ~ 2cm/30°CA w/ stylo. @79.00 qz vn frag w/ aspy, ~ 3-5% dissem (fg grained) in qz @79.20 – 79.22 cataclastic shear contact w/ core.	09071	74.37 – 75.90	1.53	445		
79.22 – 80.00	ROFP, (not N. Meyer; more like Central) small grey to off white qz-eyes; also small < 3mm fsp phenos w/in RHYL matrix	ALT – variable 79.22 – 81.94 brown colouring/flooding, 20° to CA	79.22 – 81.94 py 1-3% dissem as cubes and some replacement of fsp(?); also dissem alte aspy observed w/ minor stylo	09072	79.27 – 80.69	1.42	1.24 g/t		

CME

Hole No.: 97-40

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(ROFP, cont'd) @85.04-85.14; core split ½/½ down CA by .02MZ & ROFP; v. clay rich	81.94 – 86.00 pale green to white ALT-M	81.00 – 81.23, sev. bone w/ narrow qz-sx vnlt, diffuse aspy most prevalent here, distinct needles, up to 1mm long 86.60 – 86.90 FLT-2, v. broken core clay alt'n on fracs.	09073 09074 09075 09076	80.69 – 81.94 81.94 – 83.52 83.52 – 85.04 85.04 – 86.00	1.25 1.58 1.52 0.96	7.639/t 190 225 175		
86.00 – 90.02	.02MZ, sheared;	ALT-S; dk seri, some clay	Py 3%; local concentrations to 5% (<10cm)						
90.02 – 121.62	ROFP – typical N Marker dyke; Lge qz eyes & fsp phenos in brownish red fg groundm. RHYL matrix Deformation in dyke is primarily brittle. late fracturing & faulting throughout.	ALT-M/W.	90.32–90.77, narrow cataclasite/BX injected into ROFP (base @ 90.32) w/ qz eyes; .02MZ frags. @99.65 poss sm. flt. @99.80 fault – broken core. @101.30 fault – broken core. @117.07 5% (py) cubes on fracs, w/ bright yellow-gold (?)						
121.62 – 123.33	.02MZ;	ALT M/S; bleached, seri "brown weathering"	LC sharp contact w/ gougy, fissile material						
123.33 – 126.51	ANDS, porph; strong to intense qz-ser texture, pasty, fill silicate, high fracd; locally v. soft and friable	ALT S/X; e. bleached, pheno's serecitized to bright green - clay alt'n along fracs. - minor kaol; CO3	MC 40°CA Py absent @126.3' series of sub II qz±sx vns. wit qz w/ dark grey clay or sx. ~70°CA, 5mm – 1cm. LC shear; ~30°CA						
126.51 – 139.37	.02MZ, wk internal shearing; generally located on discrete slips.	ALT-S/M; seri, pale green cast, wk brown weathering Sx; infills fracs.	Py v. rare < 1%.						

CME

Hole No.: 97-40

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(QZMZ, cont'd)		@137.52 qz infill vns, irreg., white to translucent, ~1cm, occ 12cm.						
139.87 - 142.53	ANDS, purple; wk-mod qz-ch stwk.	ALT - S; green ser; phenos, v. bleached (wk olive color - loss sfc ox (1mm))	V. rare py <1%. LC., mildly sheared ~ 55°CA.						
142.53 - 145.90	RQFP (central), v. pale off white to tan; Flow banded near LC	ALT - M/S; v wk ser; overprint LC v. ser; rich green.	LC sheared 75°CA Flow banding ~60°CA Pyritic 2-3% dissem cubes Rare hairline Sx vnlts (stylolitic) Poss asey/sfs? 145.35-145.82 incr Sx vnlts; primarily py, ~1mm; ~3-5%; also right @ LC. LC v. sheared, above green ser; narrow Sx vnlts; contact @ 30°CA.	09077	144.86 - 145.90	1.04	190		
145.90 - 174.03	QZMZ; mod to strongly broken - brittle deformation / fault zone	ALT S; clay alt'n common in fracs, through broken zone of QZMZ. Ser absent, v. strong sfc weathering @ LC	Rare py ≤1%	09078	145.90 - 147.26	1.36	22		
			150.20 - 150.50: main fault zone, v. broken clay alt'd.						
	152.37 - 152.93 RHYL xcno(?); cut by numerous Sx vnlts; primarily py, poss others Sx such as alpo shd, but no v.s	ALT - S.	150.50 - increasing ductile shearing Sx ~10% in vnlts; some dissem cxs py.	09079 09080 09081	151.42 - 152.37 152.37 - 152.93 152.93 - 153.77	0.95 0.56 0.84	20 170		
		@154.74 hem patch in pale bleached QZMZ.	@155.20 semi-ductile shear plane ~20°CA.						
		159.75 - 165.82; v. heavy ser along fracs throughout QZMZ, ALT - X.	@157.25 narrow shear plane 35°CA @159.75 silicified, broken fissile core 50°CA						
		165.82 - 167.14 less sheared, less ser; more typical med-grained QZMZ							
	168.80 - 174.03 Strong shearing, localized cataclasites.	167.14 - incr showing a ser	@165.58 ductile shear ~90°CA, v. abund ser.						

CME

Hole No.: 97-40

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(QZMZ, cont'd)	171.17 - 172.37 ALT-✓, abund clay alt°, v. bxd/cc'd QtMZ, highly frac'd.	@170.40 strong shearing, cataclasite. 5mm/50°CA 171.17 - 172.37 v. sheared; almost bx'd @ 171.60; cataclasite @ 171.70.						
		173.26 - 173.43 qz va/flood's, weak purplish colour (sum), frac'd w/ cb.	@173.67 cataclasite, seri matrix w/ rotated QZMZ frags						
	176.23 - 177.27 MYLT zone; v. strong shearing w/ abund dk grey seri/clay matrix ± Sx. QZMZ frags looked a little, augen py locally 5-10%; v. fn disem.	ALT-✓	@171.85 qz va/flood.; cataclasite/MYLT immediately below. @175.45 qz flooding; appears barren wrt qz.; ~10cm area.						
		177.82 - 179.03 v. decomposed QtMZ (due to sf exp in sampling) ALT-X.	177.58 - 177.78 MYLT/BX QZMZ						
179.03 - 195.12	RFP (S. MARKED) - somewhat atypical. lt-med grey RHYL matrix w/ fsp phenos up to 6mm in size; quite homogenous, massive looking; wk to mod fracturing (brittle deformation).	ALT - M/S, fsp phenos slightly greenish due to seri alt° LC zone ALT-X; v. green seri	UC strongly sheared ~ 35°CA. decomposed, fissile core from 173.13 - 179.40 - major shear plane w/in RFP. @179.40 dk grey green band - looks chloritic, may be seri / silicified RFP.						
		194.82 - 195.12 ALT-X, v seri, + clay	@194.97 strong clay alt'd shear/ 4cm / 35°CA. LC ~45°CA.						
195.12 - 227.07	QZMZ; 195.12 - 196.99 strong shearing.	195.12 - 196.99 ALT X/S	195.12 - 196.99 cataclasite to bx'd QZMZ; py locally 10%. (eg @ 195.80)						
			196.50 - 196.95 qz frags (va?) w/ dk seri a. Sx around selv.	09082	196.99 - 198.50	1.51			
	196.99 - 198.19, wk/mod shearing	196.99 - 198.19 ALT - S; v. seri		09083	198.50 - 200.00	1.50			
	198.19 - 227.07 strong shearing	198.19 - 205.57 ALT - S., inter. seri in fracs (healed)							

CME

B100960 961 962 ?

Hole No.: 9740

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
		205.57 – 206.40. e. sil: ALT-X.	@ 206.20 sheet 10-15°CA.	09084	205.44 – 206.64	1.20			
			206.32 – 207.31 wk sx veins; py < 2%.	09085	206.64 – 207.50	0.86			
		207 – 212.13 v. bleached rock, qz-flooded; virtually no QZMT texture visible ALT-X.							
	212.13 – 212.90 ANDS; sheared, ALT-SX porph (phenos sericitized to bright green.)								
		212.10 – 215.41 ALT-X, v. bleached.		09086	214.25 – 215.41	1.16			NOTE: CORE WAS SPLIT BUT NEVER SAMPLED!
			215.41 – v. sheared w/ zones of cataclasites to MYLT. Trace py + local cpy.	NOTE DB correction: Sample B100965 215.41 – 216.10 incorrect; should be 215.41 – 215.64.					
	217.93 – 218.90 MYLT w/ minor QZSXBX			09087	215.64 – 216.10	0.46			
			218.30 QZSXBX; v. qz rich w/ abund sx – py + aspy (?), v. fn grained, blue grey.						
			218.95 – 219.66 wk – mod sx 'c QZMT, 5 – 15% py (variable over length); qz flooded, pale green; sx shedding from vnlts w/in wlr						
	222.90 – 223.00 ANDS xcad., ALT-SIX	222.10 – 222.07 ALT-K. 222.10 – 222.80 bleached QZMT/qz-flooded.	219.66 – 222.10 py ~ 3-5%.						
	225.33 – 227.07 MYLT / QZ VN. (QZ flooded, wk)								
			225.53 – 226.29 QZVNT w SX (aspy > py) ~ 15%; heavily sheared.						
			226.29 – 227.07 MYLT zone; cataclasites, v. strong ofp new LC						
227.07 – 228.92	ANDS (SX); mod sericitized ANDS dyke. Mid grey; locally olive brown where less SX. Sml porphyritic, trachyte v. subtle in SX zones.	ALT-S.	Py/aspy 25 – 30%; concentrates around narrow qz-cb vnlts. Py more dominant.						
			@ 228.03 qz vnlt 1cm/35°CA dissem ccs sph in vnlt; py + aspy rare in ANDS.						
			@ LC qz sx veining; 15cm/45°CA (LL to CA) py + aspy + sph.						
228.92 – 230.01	QZMZ.	ALT-S, v. bleached.	Py 2-5%; dissem						
		229.34 – 229.94 qz-flooding/replacement/ minor seri.							

CME

Hole No.: 97-40

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
230.01 – 230.82	ANDS / QFSXVN. Porphy ANDS; 4/ 6cm QFSx VN through middle of unit (230.47) ~30°CA.	ANDS - ALT-S.; bleached, olive brown;	5% Py in ANDS QFSXVN ~ 15% Sx @230.10 ANDS wispy w/ qz-cb xtals trinary rel.ty						
230.82 – 243.54	QZMZ; rel. unsheared; texture visible	230.82 – 232.30 ALT-S, bleached, pale green seri. 232.30 – 243.54 ALT M/S; typical brown weathering; 1cm sfc ox; still abund. seri;	Py rare ≤1%						
		@239.35 pink K-spar alt'n	@242.31 qz vn (sub-horizontal) 1cm/70°CA w/ minor Sx in vn ctr (aspy+py); also dissem py ± aspy in wlr alt'n halo	09088 09089	240.96 – 242.20 242.20 – 242.97	1.24 0.77			
			@243.03 qz-Sx veins; v. irreg. dissem aspy + py in wlr ~ 5-10% Sx. — also spk.	09090	242.97 – 243.54.	0.57			
243.54	END OF HOLE								

CME

Project name: SKUKUM
Project # : 2562
D.D. Hole #: 97-41 (Relog)

Length (m): 205.13
Grid: UTM NAD 83
Dip: -50
Azimuth: 130
Core size: NQ

Contractor: (AKON)
Northing: 6672831.345
Easting: 484346.539
Collar Elev.: 925.

Hole survey type:
Started:
Completed:
Re **Logged by:** TV
Date logged: 11/26/03 -

Depth	Dip	Azimuth

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0.00 - 0.91	CASING								
0.91 - 58.55	QZMZ; med-grained, equigranular; - pink & green where fresh; v magnetic where fresh - typical "brown weathering" where altered due to ser-ab-cb alt'n of predominant hbl/ilm alt'n - moderate frequency of fast-well Qz-cb extension veins, some w/ BV (stkbd)	ALT variable; high alt'n grades around Qz-cb vns & veinlets. 0.91 - 6.44 ALT-W. 6.44 - 8.93 ALT-N 8.93 - 11.30 ALT-W. 11.30 - 30.18 ALT-N (w/ a few wk alt'n haloes from extension vns)	@4.33 Qz-cb vnlt 7mm/85°CA. @5.64 Qz-cb vnlt 5mm/80°CA @5.97 Qz-cb vn 13mm/65°CA @11.29 Qz vn 15mm/80°CA. @16.78 Qz-cb vnlt 5mm/55°CA, 20cm alt'n halo. @17.27 Qz-cb vnlt 7mm/75°CA, 15cm alt'n halo. @20.94 Qz-cb vn 1cm/60°CA @23.05 Qz-cb vn 1cm/60°CA. @25.35 Qz-cb vnlt 2mm/55°CA					
	625.16 Diorite(?) xeno. 45cm								
	30.18 - 31.62 ALT-W, brown weathering. 31.62 - 32.46 ALT-N; 32.46 - 35.96 ALT-M, brown-weathering wk K-spar overprint. 35.96 - 37.69 ALT-W/N 37.69 - 40.62 ALT M; K-spar overprint, propylitic								
	33.52 - 33.74 fine grained xeno (?) inclusive, similar colour, alt'n as QZMZ, ..		32.96 - 33.03 3 Qz-cb vnlts 2-5mm/60°CA @39.74 Qz vnlt 2mm/55°CA @40.16 Qz vnlt 5mm/60°CA						

CME

Hole No.: 97-41

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	52.12 – 53.87 v. strong silicified QZMZ, strong seri, sv (pg), minor clay. ALT – X	48.16 – 52.12 strong propylitic alt'n some bright green seri, but infrequent 52.87 – 53.55 ALT – S, smeared, qz flooding, seri	52.12 – 57.87 Py 5%.		Note: historical samples collected here. A.F.U. Core split from 51.21 – 52.12 and 52.93 – 53.43 and treated as one sample 52.12 – 53.43. – will resample, quartering where necessary, new intervals below,				
					52.12 – 53.43	1.31			
53.55 – 54.06	BX ZONE between QZMZ + RQFP Various lith frags of QZMZ, RQFP, Qz Vn. Abund seri in matrix		@ 53.86 shear planar/wl gouge 2.5cm / 30°CA.		53.43 – 54.06	0.63			
54.06 – 69.30	RQFP, (N. MARKER) typical w/ lrger qz-eyes + fsp phenos in brownish RHYL matrix; also abund irreg clay alt'd (?) xenolithic frags – unknown lith Overall quite competent w/ narrow zones of broken core – brittle deformation	ALT – W/M	@ 56.02 shear/fault?; strong green seri alt'n in immediate area around fault ~ 30°CA; w/ some lower angle fracs.						
69.30 – 69.61	ANDS, smeared.	ALT – X, v. seri w/ chl, esp @ UC, green seri phenos.	Py 2%						
69.61 – 70.22	QZMZ, v. smeared	ALT – S/X.	Py 1-2%						
			@ LC calcite/qz 30°CA						
70.22 – 72.07	ANDS; fsl ph.; mod qz-cb stwk 70.22 – 71.00 sheared.	ALT: S/M, mod seri phenos, olive coloured, bleached.	Py 1-2%.						
72.07 – 73.73	QZMZ,	ALT – M	LC 30°CA.						
	73.39 – 73.73 strong shearing		72.07 – 73.39 Py < 1%						
			73.39 – 73.73 Py ~ 5%, dissem in QZMZ + in small "lath" shaped aggregates; also in tension gash w/ qz + cb.						
73.73 – 80.07	RQFP; Central Marker; typical unit, w/ smaller fsp phenos + qz eyes than N Marker; fsp more sericite (50% – can be)	ALT – M/S, ; slightly pitted, some cb, clay, seri alt'n							
80.07 – 81.80	RQFP, N. Marker, w/ smeared upper lower contacts; appears to contain xenoliths of Central (?); incr. alt'n	ALT S/M.	UC 40°CA LC ~ 40°CA, broken core						

CME

Hole No.: 97-41

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
81.30 – 89.50	RQFP, Central Marker style dyke again. 82.36 – 82.54 QZMZ; ALT-S.	ALT M/S. 83.49 – 84.90 ALT-S ⟶	Py 1-2%, disem cubic ± aggregates 83.49 – 84.90 ALT-Z @ 84.40 fine banding, 25°CA; ± alt'n around fractures/veins						
89.50 – 112.07	QZMZ, sheared. 89.71 – 89.81 AND5 xeno(?), porph 90.02 – 90.55 AND5 xeno; porph. 90.76 – 90.95 RHYL xeno? pyritic w/ stb. (5-10%), strong ±sec cataclasite along contacts 91.35 – 91.60 v. sheared; probable intermixed ⟶ AND5 (green sericitic phenos), strong cataclasites (dk grey/brown) [Bov 19; v. sfc exposure – decomposed QZMZ; suspect rel. intensities, ALT-S] [Note between 107.5 and 112.00, samples taken, no results reported in historical logs and not in DB – will resample using same intervals as marked by flagging] 109.78 – 109.90 (approx) AND5.	89.50 – 94.41 ALT-S, locally X ALT-X 94.41 – 97.89 ALT M/S wk shearing; seri, local qz flooding 99.00 – 99.65 ALT-X 99.05 – 108.05 ALT-S. 108.05 – 112.07 ALT-X, clay alt'n	89.50 – 94.41 sheared QZMZ w/ zones of cataclasite; generally under 2cm wide, pyritical assoc but rare @ 90.53 dk grey cataclasite. @ 91.25 qz-sx vn (rags) w/ py, sph, asPy 91.35 – 92.35 brx'd 97.39 – 100.12 strong shearing; ~30°CA; zones of cataclasites, Minor assoc py ≤ 3%, disem in QZMZ, and some assoc w/ clay-seri cataclasites 97.63 – 97.93 cataclastic zone; strong shearing 98.50 – 98.75 cataclastic zone, also @ 99.00 – 99.65 v. strong shearing in QZMZ 108.05 – 112.07 v. sheared, strong clay ± soft, fissile/friable. @ 111.28 py in QZMZ, 10%	09093 09094 09095	107.50 – 108.27 108.27 – 109.95 109.95 – 112.07	0.77 1.68 2.12		Intervals approximate due to poor core condition	
112.07 – 125.37	RFP, (South Marker); v. pale green to greenish-brown (bleached?) colour matrix w/ rare fsp phenos	112.07 – 112.38; seri alt'n near U/C, ALT- variable W/M to S @ contacts, fine patchy alt'n	U/C; sheared, cataclastic contact in QZMZ.						

CME

Hole No.: 97-41

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(RFP, centre) core v. competent, few breaks	112.37 - 113.05 ALT-M 113.05 - 115.15 ALT-W/N 115.15 - 125.03 ALT - M/W. 125.03 - 125.37 ALT S/X,	@125.32 mass cb vns - 1 cm. 125.03 - 125.37 strong shear / fault a dx zone @ LC w/ QZMZ - frags of QZMZ, QZ VN & RHYL matrix.						
125.37 - 126.80	MYLT; dk grey/brown sericitic clay matrix w/ rounded, milked QZMZ frags; rare QZ VN frags & RHYL frags.	ALT-X	Py ~ 5%, fn dissem						
126.80 - 127.51	QZMZ, v. sheared	ALT-X; qz flooded; v. sericitic, QZMZ texture obscured.							
127.51 - 129.36	QZMZ/MYLT, v. sheared; numerous cataclastic shear stringers, marginally veined QZMZ frags.	ALT-X							
129.36 - 139.86	QZMZ, mod sx?, primarily fg; fuss aspy; v. sheared.	ALT-X, qz flooding, wk bleaching, incr downhole. above sericitic, wk clay	Py 10%; aspy 1-3%. @130.50 15-10% py-aspy; qz vn / flood						
	@133.05 ANDS xenol?; mod silicified w/ py+asPy (15-20%)								
		134.95 - 139.27 v. strong bleaching and qz replacement flooding	134.95 - 138.27 Py occ / aspy disappears 1-2% py. 138.27 - 139.86 Incr py+aspy as per 134.95 10-15% dissem SV in QZMZ						
139.86 - 143.07	RFP; similar to 50th Marker, stronger alteration, vuggy, above hem alt'n on fractures Pegged wht fsp phenos (15-20%)	ALT - S. Preferential zones of sericitic alt'n (flow bands?), trace network of hairline fracs of hem alt'n	@142.28 hairline Sx vein w/ yellow rim? alteration. 55°CA	09096 09097	139.86 - 141.42 141.42 - 143.07	1.56 1.65			
143.07 - 169.30	QZMZ, sheared.	ALT - S/X; v. bleached; above qz flooding; minor veins.	LC sheared; fractured 143.07 - 143.70 Py; aspy 20%; finely dissem 143.70 - 144.17 decr Sx to 5-10%. + Shd? @144.96 qz vn w/ Sx halo; aspy dissem in vn fracs ⊥ to vein orientation, also CCS Sph - 1cm / 50°CA						

CME

Hole No.: 97-41

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(QZMZ, cont'd.)		@147.05 pass fault; rubbly core Minor dissem aspy throughout unit to rare lith break, but spotty; py dissem throughout, occasionally dk brown alt'n edges 151.43 - 151.48 . 5% rock QZMZ. Py/aspy incr. below. fn dissem. Incr. qz vns w/ aspy. 157.70 - 153.93 5% rock QZMZ aspy + py 15-25% @153.10 qz-5% vn. @153.45 diffuse qz-5% vn. @153.65 qz-5% vn, w/ interstitial aspy/ncl. mafic texture; After 153.93. 5% decr. rapidly though still present @154.45 qz vnlt., irreg w/ 5% mafic @154.97 qz vnlt; w/ small zone of dissem aspy/py in wall-rock, no halo @155.30 qz vnlt 5mm/35°CA; w/ aspy/py halo x 1.5cm wide 161.47 → continuous recessively sulphidized QZMZ; w/ aspy>py Aspy always v. fn grained. @165.90 v. crs large py (townwork) 4mm; assoc w/ qz-cc vnlt.						

[BOX 29 155.54-161.47 dropped, unfortunately w/ core lost; frequent indicated only. QZMZ, w/ variable 5% locally high, in general low; QZMZ highly oxte due to sfc exposure - will cross-ref historical log in this area for any details]

CME

Hole No.: 97-41

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
169.37 – 183.52	ANDS; porph; very able qz-cb stkwk; occasional later cross cutting qz-sx vn event, invariably assoc w aspy+py and high Au grades. Where ANDS shows olive colour, cmbd qz-cb vn/stkwk; v. low Au; where dark-mod grey cmbd qz-sx vn – high Au.	ALT-S.	Variably sx ≤ 169.30 – 170.65 olive coloured w/ seri phenos, minor sx. (py only) 170.65 – 171.60 Sx ANDS. 171.60 – 172.39 olive ANDS, minor py, some late stage cubic py.						
	[Box 32 172.39 – 178.00; v. little core; picked over for samples several times. Lith appears to be only ANDS, generally v. sx; few qz vn's w/ aspy + crs sph. Accurate measurement in box not possible.]								
	[Box 33 178.00 – 183.73, much as previous) lith divisions very rough estimate.]								
	179.95 – 180.50 QZMZ 180.50 – 181.71 Sx ANDS. 181.71 – 183.52 ANDS, minor py + asPy	ALT-S ALT-S ALT-S							
183.52 – 184.06	QZMZ;	ALT-S.	Py ≤ 2%, cubes common on fracs.						
184.06 – 184.58	ANDS, porph.	ALT-S; mod-strong seri phenos	Aspy + py concentrating @ UC/LC (up to 40% over 5cm) @ UC qz-sx in +/- crs sph						
184.58 – 187.21	QZMZ	ALT-S; v. bleached, qz flooding; Ser on fracs, minor clay alt also on fracs	@185.35 qz-sx vn/t; Asso assy in core of vn/t. @186.99 qz-sx vn/t, w/ assy halo ~1.5cm wide @ LC qz-flooded.						
187.21 – 188.72	ANDS; porph; stkwg to intense qz-cb stkwk.	ALT-S; generally olive coloured & pervasive, structure; strong seri phenos.	Minor sx;						

CME

Hole No.: 97-41

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
189.72 – 205.13.	QFMZ.	ALT-S, seri, bleached	uc zone (30cm) w/ sx'd QFMZ 10% py+cspy.						
	189.03-189.44 a decomposed clay alt'd QFMZ; probable fault or major shear. ALT-X		189.44 – 189.60 sheared QFMZ w/ minor calcite/silic str. veins						
	189.60 – 195.40 rel competent QFMZ. ALT M/S	189.60 : ALT-M, propylitic & Sericitic; fracs w/ infill by qz(chalcedony) & cb	@193.58 chalcedony vn 1cm/30°CA.						
		@197.15 ALT-X over 10cm, clay-cb dlt or fracs.							
		199 – 199.70 chalcedony flooding and tension/ earth infill. Seri alt'n stronger here. ALT-S							
		@200.5 clay alt'n strong on fracs							
	201.50 – 202.44 ANDS; porph, olive coloured ppg, low angle to CA uc/lc, ~10°CA								
	202.16 – 202.27 ANDS. uc/lc ~ 60°CA.								
	203.84 – 203.91 ANDS stronger.								
		203.91 – 205.13 ALT-S/X, strong clay alt'n - poss fault zone.	@204.06 chalcedony vn? w/ sx; ~5%; py → poss alt'd ANDS.						
205.13	END OF HOLE.								

CME

G 97-42

Project name: SKUKUM
Project #: CPS6C
D.D. Hole #: 97-42 (Relog)

Length (m): 151.79m
Grid: UTM NAD83
Dip: -50.5
Azimuth: 180°
Core size: NQ

Contractor: Cwon
Northing: 6672837.557
Easting: 484296.628
Collar Elev.: 932

Hole survey type: ACID
Started:
Completed:
Logged by: TV
Date logged: 10/14/03

Depth	Dip	Azimuth

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0 - 0.91	CASING/NO CORE								
0.91 - 23.07	QZMZ, med grained, equigranular @13.70. narrow ANDS dyke/vein (bleached and limonitized) 30°CA, 5cm.	ALT W - propylitic, brown weathering (hem) due to str. exposure, Locally increased argillic alt^	@5.20 cb-qz vning, vuggy, recrystallized qz. m vugs.						
23.07 - 26.82	ANDS dyke, bleached, porphyritic, wk-mod cb-qz transcurrent fill stkwk; colour variable from olive to dk green 24.64 - 26.30 QZMZ. @ 26.44 strong hem alt^ of ANDS	ALT- M; cb-qz vnlts up to 1cm, frac-fill	Minor py assoc w/ sheared contacts UC. 80°CA						
26.82 - 37.95	QZMZ, as previous; sheared	ALT - M	27.78 - 29.90 zone of dk grey mylonitic/shear sx vnlts. [A historical samples collected here but no record on logs or in database — resampled] @ 37.55 internal mylonitic shear (QZMZ) chlor. alt	10001 10002 10003 10004	26.82 - 27.78 27.78 - 29.20 29.20 - 29.90 29.90 - 30.96	0.96 1.42 0.70 1.06	10 615 105 25		
37.95 - 39.06 39.06 - 39.28	ANDS - strongly bleached; porphyritic (sevi) QZMZ, strongly sheared; mylonitic shear @ 39.25 ~ 3cm, right @ contact w/ FQFP (~60°CA)	ALT - S, sevi, weak S:I(?)	Shear (mylonite) w/ abund fn-grained py (5-10%), poss aspy.	10005 10006	37.95 - 39.06 39.06 - 39.28	1.11 0.22	15 350		

CME

Hole No.: 97-42 (Rlog)

Scale	From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	39.28 – 45.11	ROFP; buff to tan; abundant qz ± fs phenos (10% qz, 15% fsp)	ALT - W. (str oxidation has hem/lim alt'd rock)	trace py.	10007	39.28 - 40.54	1.26	15		
	45.11 - 45.45	Mylonite, pyritic, dk grey/brown milled qz eyes, ~ 10-15% py forms shear contact between ROFP & QZMZ	ALT - S	Abund str, dom py	10008	44.16 - 45.11	0.95	10		
	45.45 - 46.72	QZMZ, sheared	ALT - M/S.		10009	45.45 - 46.72	1.27	495		
	46.72 - 48.01	ANDS dyke, as previous, bleached w/ rel. abund seri (green)	ALT - S		10010	46.72 - 48.01	1.29	70		
	48.01 - 54.25	QZMZ, bleached,	ALT - M seri, dominant	@375 dk grey pyritic? shear.	10011	48.01 - 49.68	1.67	70		
	54.25 - 59.08	ROFP, rare qz phenos than previous			10012	49.68 - 51.21	1.53	15		
					10013	51.21 - 52.73	1.52	25		
					10014	52.73 - 54.25	1.52	35		
					10015	54.25 - 54.99	0.74	680		
					10016	54.99 - 56.56	1.57	570		
					10017	56.56 - 58.20	1.64	690		
					10018	58.20 - 59.08	0.88	355		
				@LC, sheared 55°CA						
	59.08 – 84.95	QZMZ; as previous	ALT - M. seri,		10019	59.08 - 59.59	0.51	45		
		55.41 - 60.35; competent QZMZ w/ ANDS dyke @ 58.10 - 58.85								
		60.35 → core v fragmented due to sampling; probably was v. soft, appears strongly sheared.	ALT S/X.	Black mylonites w/in QZMZ... dominantly pyritic						

CME

Hole No.: 97-42 relog

Scale	From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
		(Sheared QZMZ cont'd)								
		69.69.30 RHYL DYKE ?, lt grey, fine grained	ALT S/X.	@ 72.65 qz vns, py + gypsum < 5% diffuse & blebby						
				@ ~ 73.40 v. strong black, mylonite shear, ~ 7cm						
		79.70 – 80.10 ANDS bx.		79.70 – 80.10 (approx) RHYL bx, w/ dk grey → black matrix, some py, looks more chloritic, qz eyes.						
		80.10 – 81.10 ANDS sheared w/ mylonite fabric @ 8°	ALT – X ALT – S	@ 81.32 white qz vn, irreg edges, may be a sil-flood.						
		81.43 – 81.69 ANDS, sheared.								
				@ LC; extremely sheared, altered QZMZ against relatively competent RFP.						
	84.95 – 92.74	R(O)FP, (with marker); flow banded aphyric UC, 15-25% fsp phenos + local green seri bands.	ALT – M/S.; seri most common some hematite.	UC – 45° CA flow banding – 40°						
				Strongly sheared LC; 92.35-92.74 30° CA						
	92.74 – 92.97	QZMZ, extremely sheared, qz clasts (?) w/ SX.	ALT – S.		10020	90.83 – 92.35	1.52	15		
					10021	92.35 – 92.79	0.44	10		
	92.97 – 109.98	ANDS, extremely fractured & sheared but healed w/ qz (cb) veins; locally porphyritic w/ chl / seri	ALT S.	Mod to locally intense tension-fill qz (cb) stkwk.	10022	92.97 – 93.88	1.09	15		
		Numerous inclusion throughout of "injected" sheared QZMZ, extremely altered (S/X)		locally pyritic to 2%, in general v. minor << 1%	10023	93.88 – 95.26	1.38	< 5		
					10024	95.26 – 95.75	0.49	< 5		
				@ 96.86 core noted "ASPY"	10025	95.75 – 97.02	1.27	30		
				pass v. fine grained, acicular aspy, but difficult to positively identify	10026	97.02 – 97.90	0.88	50		
			97.90 – 98.30 v. clay alt'd QZMZ, leached.	@ 97.10 lt brn qz vn. 1cm/40° CA.	10027	97.90 – 99.04	1.14	20		
					10028	99.04 – 100.50	1.46	10		
					10029	100.50 – 102.10	1.60	25		
					10030	102.10 – 103.60	1.50	10		
					10031	103.60 – 104.78	1.18	35		
					10032	104.78 – 106.07	1.29	30		
					10033	106.07 – 107.18	1.11	10		
					10034	107.18 – 108.84	1.66	< 5		

CME

Hole No.: 97-42 (1109)

Scale	From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	109.98 – 110.91	QZMZ, sheared	ALT-S.	↑ (more up here)	10035	108.84 – 109.98	1.14	3249/t		
					10036	109.98 – 110.91	0.93	10		
	110.91 – 112.17	ANDS, sheared	ALT-S	10938 – 10980 5% shear zone, dominantly py (~30-40%) poss cspy but not identifiable.	10037	110.91 – 112.17	1.26	5		
	112.17 – 117.42	QZMZ, sheared (with minor ANDS intervals)	ALT-S		10038	112.17 – 113.69	1.52	5		
					10039	113.69 – 115.21	1.52	10		
					10040	115.21 – 116.22	1.01	<5		
	117.42 – 120.30	ANDS, sheared.	ALT-S.		10041	116.22 – 117.42	1.20	<5		
					10042	117.42 – 118.93	1.51	10		
	120.30 – 121.94	QZMZ, sheared	ALT-S/M.		10043	118.93 – 120.30	1.37	5		
	121.94 – 122.83	ANDS, sheared	ALT, M		10044	120.30 – 121.94	1.64	5		
					10045	121.94 – 122.83	0.89	<5		
	122.83 – 128.97	QZMZ, strongly sheared	ALT-S.	6124.22 small fault, strong seri alt'n	10046	122.83 – 124.36	1.53	<5		
					10047	124.36 – 125.88	1.52	75		
					10048	125.88 – 127.41	1.53	<5		
				125.79 – 125.79 Faulted, broken rock	10049	127.41 – 128.97	1.56	20		
	128.97 – 130.20	ANDS, sheared	ALT-S.		10050	128.97 – 130.20	1.23	5		
	130.20 – 151.79	QZMZ, sheared	ALT-M/S							
					10051	130.20 – 131.70	1.50	480		
		132.25 – 132.39 ANDS; strong sheering wk. brecciation			10052	131.70 – 133.20	1.50	80		
					10053	133.20 – 134.20	1.00	685		
					10054	134.20 – 135.95	1.75	1479/t		
		135.95 – 136.75 ANDS in Fault Zone (v bleached, looks RHYL, except typical bleaching colour of ANDS; v. few green phenos.			10055	135.95 – 136.75	0.80	130		
				137.38 – 137.50 Strong mylonitic shear zone; esp @ 137.56. (dk grey/brown) 5% (py ~2-5%)	10056	136.75 – 138.07	1.32	145		
					10057	138.07 – 139.60	1.53	5		
					10058	139.60 – 141.12	1.52	30		
			141.02 – 142.71 bleached QZMZ; no orange/pink colouration	137.58 – 138.07 v. bleached, clay-alt'd, faulted						
		142.71 – 142.90 ANDS, sheared 40°CA, ~7cm TW, sheared QZMZ below								
			144.46 → EOH; decr. shearing and alt'n to M/W; typical rel. massive brown weathering QZMZ.							
	151.79	END OF HOLE								

CME

G 97-44

Project name: SKUKUM
Project #: CPS6C
D.D. Hole #: 97.44 (2olog)

Length (m): 252.37
Grid: UTM NAD 83
Dip: -73
Azimuth: 180°
Core size: NQ

Contractor:
Northing: 6672842.694
Easting: 484296675
Collar Elev.: 932

Hole survey type:
Started:
Completed:
Re **Logged by:** TV
Date logged: 10/22/03 - 10/24/03

Depth	Dip	Azimuth

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0 - 0.91	NO CORE - CASING								
0.91 - 49.25	DIORITE, med grained, minor mafics, consisting of plagioclase and altered hbl.	ALT - W; variably K-spar alt'n and propylitic, wk, local seri Core is grassy, weathered brown due to surface exposure.	Rare to absent py. 4.83 - 6.37 v. long low angle frac down CA; frac coated w/ green sec. + chl. @9.44 wht qz vn 5mm/50°CA. 10.31 - 12.20 another long low angle to CA frac, w/20 qz cb vn/ng						
		15.53 incl propylitic alt'n	@13.92 narrow dk grey smear(?), 5mm/80°CA						
		@19.50 dk green chl + red hematitic patch	23.00 - 27.45 qz cb vn/ng @23.43 qz vn/s - dk grey smear plane(?) @ 8°CA						
	@3.55 ANIS detected 3cm/35°CA	27.55 - 27.95 ALT - N	@28.85 1cm/55°CA cb-qz vn.						
			@34.57 narrow 1mm ss unit (py)						
			@40.52 smear 35°CA, ~ 1mm						
			@44.30 fault, ~ 25°CA.						
		46.60 - 49.25 ALT M/S strong propylitic w/ clay alt'n on frac's, cav., localized seri sitic, appears S oriented near LC.	@48.75 qz-sx vn 3cm/25°CA v fn calcium silic, poss asso'd sulf	10118 10119	48.16 - 49.25 49.25 - 50.70	1.09 1.45			

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
49.25 - 53.17	ANDS dyke; dk green, porphyritic; phenos v. dk green, pyritic often assoc w/ these in altered areas. Matrix med green	ALT W/M. - upper contact zone bleached - hematitic frac sets (red) - qz-cb stockwork; mod intensity	UC faulted - broken core. 49.25 - 49.83 py 5% (bleached ANDS) 49.83 - 51.21 rubbly core - FLT-2. 51.21 - 53.17 py ~ 1-2% disem. LC currently faulted, broken core.						
53.17 - 56.28	QZMZ, as previous, less alt'd.	53.17 - 53.67 ALT M., Ser. 53.67 - 56.28 ALT W; minor int zones of K spar alt'n, mostly propylitic							
56.28 - 72.54	ANDS; as above.	ALT. W wk qz-cb fracture/vein infill	UC ~25°CA; intruded by QZMZ stringer Py. 1-2%, except minor bleached zones ~5%						
	57.47 - 58.00 QZMZ xcad								
	~67.30 wedge of QZMZ in ANDS - emplacement has bleached ANDS to olive colour. ↳ 67.74 QZMZ.	67.74 → v. bleached ANDS w/ 5-10% py disem	61.50 - 67.00 core v. broken, rubbly. FLT-2 (Some reground core due to coring)						
	68.44 - 70.00 QZMZ; ALT-M; bleached & qz flooded;		⊕ 69.80 (approx) qz-sx vn; 5cm/20°CA py, sph, poss cpy + sph; 25-30% sx Very fine core around vn; probable shear contact w/ ANDS below vn.						
	70.00 - 72.54 ANDS highly sheared, alt'd; olive brown, wavy frac throughout; py ~ 2%	ALT - S - ser; minor hem qz-cb veining; mod-strong							

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
72.54 – 84.47	QZMZ; wk smearing,	ALT W/M, brown weathering strong propylitic w/ wk seri, though locally replacing fsp xtals (green)	@77.11 Fault?, shear?, gouge core w/ qz + seri + clay; ~20°CA, 1.5cm.						
	77.90 – 84.47 core quite competent, consistent equigranular QZMZ, ALT – M/W.								
84.47 - 91.10	ANDS, bleached, olive coloured, porphyritic	ALT - M; phenos sericitized green; – mod qz-cb stockwork.	Py to 5-10%, up to 3mm patchy disseminations, often w/ chl/wh halo around						
	85.48 – 85.83 QZMZ	86.30 – 87.80, mod-strong qz-cb stkwk.	@85.41 shear w/ abundant dk grey hairline fracs into wallrock; 20°CA						
91.10 - 96.49	QZMZ; wk smearing; tends to be fractured along distinct sericitic bands; numerous narrow ANDS dykelets and/or xenos	ALT - S - bleached, sericitic, mod brown weathering; mod clay on fracs and beginning to develop in matrix	92.10 – 92.35 v. chl'd (clay), frac'd FLT_7. @92.33 shear plane 40°CA; w/ AN-DS						
96.49 – 99.03	ANDS; sheared,	ALT - M; (strong sfc exposure limonitic/mn weathering to brown sfcs)	Upper and lower contacts faulted w/ rubbly core; Ent ix unit is frac'd w/ frac planes oriented 30-50°CA						
			@ 98.00 qz vn, stockworked, 5cm/ 85°CA.						
99.03 - 104.28	QZMZ;	ALT - M/S	99.03 – 100.17 FLT_2						
			@101.50 shear plane, dk grey clay; poss mylonite; v. fissile, clay-rich						
104.28 – 109.88	ANDS, porphyritic; qz-cb stkwk (mod)	ALT – M, bleaching near contacts w/ increased sericitization of phenos (bright green); – minor hem on frac sfcs & qz-cb veins	UC; 35°CA, ANDS bleached w/ dissem py ~ 5% over 20cm.						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
108.82 - 112.25	QZMZ	ALT - X ; clay rich, completely sericitized, esp near contacts	LC 70°CA ; core broken and leached for 1m. @ 111.10 shear plane, mylonitic bx 35-40°CA.						
112.25 - 116.02	ANDS, sheared, porphyritic	ALT - S/X , v. bleached through entire unit - 97.cb texture still stuck - minor rsm.	UC sheared, clay altered 45°CA Core in general fair'e broken / faulted. LC fair'e broken						
116.02 - 119.80 119.80 - 125.68	QZMZ ANDS ; porphyritic 119.83 - 119.9 QZMZ ; 42-58°CA 120.88 - 121.32 QZMZ ; 35°CA.	ALT - S (Generally highly bleached w/ local zones of W/M alt'n (still green) Brown green seri common phenocryst alt'n	Bleached ANDS generally 7 - 50% disseminated py LC 35°CA. 122.50 - 122.70 FLT. ?. 124.10 - 124.54 qz.cb.rsm vnlts; 5-10cm / 10°CA						
125.68 - 133.11	QZMZ, sheared, but competent	ALT - X/S clay, seri alt'n, clay typically at contacts and major fracs Probable sill inclusions 128.30 - ALT - S.	UC, sheared, clay-alt'd 45°CA. 132.63 - 132.88 mylonite ! ; bx'd, milled QZMZ - dyke ?, moves erratically through core. ; 1cm wide						
133.11 - 134.05	ANDS.	ALT - M/S							
134.05 - 156.54	RQFP ; 02, fs phenos 10 - 20% ; core buff white to occasionally pinkish (K-spar and/or hem.)	ALT - M; grade sericitic, clay on frac faces. Hem'e fm alt'n along hairline fracs., Core w/ orbicular/nuggy texture. (clay removed)	LC faulted against RQFP						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	(RQFP cont'd)	149.50 - 150.75 ALT - X in FLT_2	149.50 - 150.25 FLT_2; low angle. fault planes, 15-25°CA.						
			@151.64 Fault, v. broken, crushed core.						
			@156.35 low angle mylonitic shear 5°CA.						
				10120	155.13 - 156.58	1.45			
156.54 - 157.5	MYLT - SILIC-2 / DAMAGE ZONE, v. strong shearing, appears to be mix of AND3/QZM2, v strongly alt'd	ALT - X	Mylonitic seam/cataclasite @ UC.	10121	156.58 - 157.50	0.92			
				10122	157.50 - 159.00	1.50			
				10123	159.00 - 160.50	1.50			
157.50 - 164.66	QZM2; e. sheared	ALT - X; v soft, clay rich	Main shears @ 157.95, 158.34, 158.62 and 159.95	10124	160.50 - 162.00	1.50			
				10125	162.00 - 163.50	1.50			
				10126	163.50 - 164.66	1.16			
			@160.37 mylonitic/BX; qz augen. v. soft & sheared, 30-50°CA.						
		local K-spar alt'n	161.50 - 162.00 - fine'd hematitic						
			162.26 - 162.63 BX in QZM2.						
164.66 - 168.34	MYLT / QZ VN; strong mylonitic, pale grey fabric developed in QZM2 (?), cored by a massive qz ± shb ± py ± apy VN. (75% SV)	ALT - X							
	164.66 - 166.05 MYLT.								
	166.05 - 166.25 QZ-PX VN								
	166.25 - 168.34 MYLT.								
168.34 - 169.88	QZM2 ?; extremely sheared & brecciated, possibly intermixed RQFP from 169.40 - 169.60.	ALT - X; clay/seri		10127	168.34 - 169.88	1.54			
169.88 - 173.58	RQFP to RFP.; qz phenos (eyes) are greatly more abundant from 172.08 - 173.58	ALT - X; clay, seri	169.88 - 172.08 FLT-2; extremely sheared and clay alt'd	10128	169.88 - 171.40	1.52			
				10129	171.40 - 172.08	0.68			
	172.08 - 173.58 RQFP, qz eyes appear to contain dk grey-blue PX - unable to resolve. Unit also appears to have been qz-flooded & silicified.	ALT X/S.		10130	172.08 - 173.58	1.50			

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
173.58 - 177.00	173.58 - 176.80 Competent RFP, abundant ragged white to brown fsp grains up to 30%.	ALT - S/X, core extremely bright green due to seri alt'n	Trace diseam py.						
	176.80 - 177.00 Sheared RFP contact zone w/ QZMZ below		LC 20°CA						
177.00 - 197.24	QZMZ, v. sheared, alt'd, bx'd. Large qz "clasts" with green seri matrix. Contains highly mobilized, rolled & locally milled	ALT - X - seri dominant qz. flooding throughout.	177.97 - 178.37 bx						
			@ 187.29 ductile shear zone.						
			190.15 - 192.30 sheared QZMZ w/ mylonitic stringers and mass wht. qz vn w/ 5% @ 191.29. (Gd% - 5%) - probable assay.)						
			191.60 - 191.80 qz bx w/ mylonitic black matrix	10:32	191.78 - 192.94	1.16			
			192.33 - 192.53 mylonite, sheared QZMZ	10:33	192.94 - 194.69	1.75			
			192.53 - 192.53 qz vn 3%; 1% py						
			192.53 - 196.07 v. dk mylonite zone. 44cm w/ v. fn grained 5%, poss asfy, mostly py						
	196.07 - 196.37 KHYL, ROF?, v. sheared, mirror sx								
			196.38 qz vn w/ mylonitic QZMZ continuing to 197.24.						
197.24 - 219.10	RFP; tan, off-white, quite massive and competent, fine network of hem alt'd fn matrix fract's, fsp grains up to 2mm,	ALT - M.; dominantly seri extreme upper contact is ALT - X over 5cm	UC sheared 30°CA	10:34	197.24 - 199.53	2.29			
	Note: only 7cm of core between block markers 197.51m (648') and 199.03m (653'). Core between fits core on either side. Probably extra block placed. Our error has been continued to end of run. Hole 97.44 probably should be 1.52m (5') shorter than reported								

CME

Hole No.: 97-44

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(RFP cont'd)		LC (219.10) Faulted/sheared ~40°CA Flow banding also ~50°CA.						
219.10 – 240.60	QZMZ; highly sheared & rock generally pale green; moderately broken	ALT-Y; seri ± clay bleached.	Minor dissem py cubes <1%						
			219.10 – 219.55 shearing in QZMZ, rubbly shear planes, consistent frac angles.						
			225.10 – 226.10 (historical sample – 7.47 g/t Au) Dissem py + aspy in QZMZ; centred around 5cm wide qz-sx vn. 50% sx + aspy, py. – dissem aspy in wk ang qz stockwk a remote dist to qz fracturing						
	@ 228.50 FLDK ? white diffuse, v. fn grained	228.93 → ALT decr to S. Still v. seri ± ck, wt clay except a few a shear localities		10135	226.10 – 227.60	1.50			
				10136	227.60 – 229.10	1.50			
			@ 229.65 shear/fault; dk grey matrix.	10137	229.10 – 229.90	0.80			
	232.48 – 232.98 ANDS dyke, complexly faulted into QZMZ. – aspy + py			10138	229.90 – 231.10	1.20			
			232.48 – 232.98 py + aspy assoc w/ ANDS dyke. Py occurs in several large patches of dissemination, as well as fn cubic xtals, aspy needles seen dissem in ANDS + assoc w/ qz veins.	10139	231.10 – 232.48	1.38			
				10140	232.48 – 232.98	0.50			
				10141	232.98 – 234.50	1.52			
				10142	234.50 – 235.90	1.40			
		ALT-Y, 785 →	239.50 – 240.50 MYLT ZONE, abund ok qtzy fine grained matrix w/ qz wt/sx QZMZ augen, minor vuggy py 1%						
240.60 – 243.00	RHYL, pale green to off white, highly sheared and friable	ALT-X greenish-yellow clay mineral present as traces – AS-OKD? (Serpentine)	Minor dissem py <2%, cubic						

CME

Hole No.: 97-44.

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
243.00 - 253.37	QZHZ, highly sheared, numerous dk grey mylonitic shear structures throughout unit; esp up to 247m	ALT - X, decreases towards EOH to S - ser 247 → ALT decr to S/M.	Dissem py 1-2% 245-247 MLVT zones, strong @ 244.70-245.00, 246-246.80m						
253.37	END OF HOLE								

CME

G97-45

Project name: SKUKUM
Project #: CP56C
D.D. Hole #: 97-45 (Relog)

Length (m):
Grid: UTM NAD 83
Dip: -77
Azimuth: 120
Core size: NQ

Contractor: CARON
Northing: 6672842.694
Easting: 484296.675
Collar Elev.: 932.

Hole survey type:
Started:
Completed:
Re **Logged by:** TN
Date logged: 10/27/03

Depth	Dip	Azimuth

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0.00 - 0.91	NO CORE / CASING								
0.91 - 64.45	QFMZ, med grained equigranular pale pink to pale green, Typical "brown weathering" unit in fault zones.	ALT - W/Mv, locally propylitic but weak; may be M. often very fresh, distorted; around 1st 2 veins @ 20.00 qz vn has argillic alt'n halo ~ 8cm wide - green sericitic alt'n 22.67 - 28.45 ALT. S, faulted(?) green, clay alt'n of fines 37.39 - 37.81 zone of fresh QFMZ (w/ magnetite) also @ 40.92 - 41.36	Rare disem py. @ 20.00 qz vn, 5mm / ~ 85°CA @ 23.67 folded, ruled qz vn, wkly boxen 5mm / 70°CA, w/ ser. alt'n halo @ 29.86, narrow qz vnlts, 3mm / 80°CA @ 30.30, narrow qz vnlts. 3mm / 70°CA. 53.05 - 53.23 series of narrow qz vnlts 2-4mm / 40-70°CA. @ 61.90 (approx) qz-stb vn in QFMZ, v. strong alt'n halo, QFMZ texture obscured, Also disem py in wallrocks ~ 5-10% for 10 cm.						
	Poss small ANDS dike ~ 64.00m, fragments from sampling difficult to log. Pyritic material ~ 5%								
64.45 - 89.95	ANDS dyke, not - alt'd green, porphyritic (bx exposure is sun fair - ANDS sfc remediated limonitized to brown-red)	ALT - W/M. (does not count sfc exposure alteration) generally bleached to olive brown w/ bright green sericitized fsp grains	Py ~ 1% ~ 1%						

CME

Hole No.: 97-45

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	71.84 - 73.10 QZMZ, ALT - S, clay alt^n frac'd in shear contact w/ ANDS, upper & lower contacts 15-20°CA,	78.64 - 87.32 ALT W/N.	Py below QZMZ contact in ANDS, ~ 5-10%, patchy dissemination						
		Prominent hem alt^n on ANDS frac sfcs; some hem in the form of seams (clay+hem) @ @ 80.85 and 83.50	@74.00 around qz, open space fillings w/ hem + intermixed w/ ANDS.						
		87.32 - 88.12 bleached ANDS ALT - M, pyritic 10%	78.18 - 79.50 FLT - Z, v. frac'd core in ANDS, clay alt^n on frac sfcs.						
	88.12 - 88.79 QZMZ - ALT W/N; quite fresh looking, but no magnetite VC - 55°CA/LC 80°CA; wk potassic alt^n	88.79 - 89.95 ALT - W							
89.95 - 93.40	QZMZ	ALT - W, propylitic bleached.							
93.40 - 94.00	ANDS, porphyritic, wk qz-cb stockwork	ALT - W/M, bleached							
94.00 - 95.80	QZMZ, sheared	ALT - M/S	94.59 - 95.10 Mylonitic shearing in QZMZ, grass minor ALT^n ANDS in fault wk Fabric ~ 10°CA						
	95.40 - 95.50 v. silica rich QZMZ, mod diss^n py ~ 5%, v. fn grained								
95.80 - 98.59	ANDS, porphyritic	ALT - M, bleached to olive brown							
			@ LC diss^n py ~ 10%, many patchy blebs	10177	96.40 - 97.50	1.10			
				10178	97.50 - 98.59	1.19			
				10179	98.59 - 99.98	1.39			
98.59 - 107.70	QZMZ; fairly fractured, scri along frac lines	ALT - W, propylitic & bleached; wk sericite developing in fsp.	Rare py. (< 1%)						

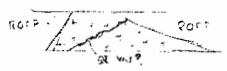
CME

Hole No.: 97-45

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
107.70 – 111.80	ANDS, porphyritic Mod-strong tension gash qz-cb stockwork w/ minor hem in vnlts.	107.70 – 108.20 ALT-M (contact zone) olive brown. 108.20 – 110.10 ALT-W green-grey 110.10 – 111.80 ALT-M, bleached to light grey w/ bright green	Qz-cb stkwk virtually disappears by 110.10 where core bleached to grey						
111.80 – 112.88	QEMZ, highly sheared and alt'd, locally bx'd; grp @ upper and lower contacts.	ALT-S, bleached	UC - 50°CA	10150	111.50 – 112.88				
112.88 – 113.91	ANDS, bleached, sheared; almost bx'd	ALT-S	LC - 40°CA	10151	112.88 – 114.54				
113.91 – 114.54	QEMZ, bleached, sheared to bx'd.	ALT-S	UC - 20°CA / LC - 30°CA	10152	114.54 – 115.57				
114.54 – 115.57	ANDS, as previous	ALT-S.		10153	115.57 – 116.74				
115.57 – 144.95	QEMZ, typical brown weathering Minor ANDS xenos	ALT-S/M; strong propylitic, seri on fracs, locally thru core	UC shear w/ dk gray seri/calcite -ite Rare diss py <<1% 123.00 – 127.30 bx along core axis in QEMZ.						
	132.30 – 132.50 narrow (1cm) fr bx along core axis w/ multiple offsets	~128.90 → increasing argillic alt'n, green sericite repl plag's	@131.80 shear plane, dk seri/clay 30°CA						
			136.85 – 138.10 UC faulting, broken core 139.52 – 142.95 faulted core, @ UC; shear w/ epi? / seri.						
144.95 – 157.74	RQFP, tan brown to buff. Flow-banded @ contacts	ALT-M.	UC faulted & broken; flow banding @ 30°CA						
	149.55 – 149.65 narrow slice of QEMZ ALT-X bleached/clay alt'd., yellow argill mineral on fracs w/ 5-10% cubic py.		@154.10 yellow orange argill around narrow dk vnlt						

CME

Hole No.: 97-45

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
157.74 – 160.36	QZMZ, sheared.	ALT - S, seri.	uc, sharp. 15°CA; LC - offset, but ^/15°CA.						
			low angle def/reactivate near LC; green seri matrix, parallel to contact.						
160.36 – 198.90.	ROFP, as previous unit. Locally v intensely fract'd w clay alt'n – not noticeable until str exposure.	ALT - M/S.							
	161.55 – 161.70. wedge of QZMZ, ALT - S; w/ fragmented qz vn (?), poss asgy assoc w/ vn.		161.65 qz vn fragm in bx QZMZ, 5% rare; some red alt'n mineral assoc w/ qz vn – poss As oxide mineral	10184	157.62 – 158.04				
	Contacts oppositive dirn uc – 45°/ LC – 25°CA.			10185	158.04 – 160.44				
				10186	160.44 – 161.50				
				10187	161.50 – 161.80				
				10188	161.80 – 162.46				
	Note – historical sample B 195115 incorrect from – to. Current is 178.00 – 178.70 Should be 176.47 – 177.17 Incorrect marker block, blocks corrected TV 10/31/03		173.90 – 174.95, v. broken core, clay alt'n fracs; not pd out to str exposure, accentuating internal fracs.						
			176.50 – 177.20 qz flooded ROFP, numerous fracs 2-5 vol%, cubic py to 3%						
			@ 191.90 LC, 35°CA.						
198.90 – 200.45	QZMZ, sheared, becomes v. mylonitic.	ALT - S/X., v seri, mod clay on fracs.	Py 1 – 3%, fine dissem.						
200.45 – 201.10	RHYL, sheared, (ROFP)	ALT S	5% vnlts.						
201.10 – 207.95	HLBX; abundant dk metric qz-seri-SX dominantly fine grained QZMZ; minor qz-sx vn fragments	ALT - X	Py rarely visible, may be v fine grained						

CME

Hole No.: 97-45

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
202.95 - 206.65	QZMZ, sheared to locally brecciated	ALT - X, S; strong silica remob & flooding, serl							
	203.60 - 203.85 MYLT / BX								
	205.10 - 205.45 MYLT / BX								
206.65 - 207.15	HLBX / MYLT; qz / QZMZ augen; 65% matrix material	ALT - X							
207.15 - 208.00	QZMZ, sheared & qz-flooded	ALT - X							
208.00 - 208.60	MYLT / HLBX,	ALT - X							
208.60 - 211.90	QZMZ, highly sheared to brecciated	ALT - S serl, qz flooding	Minor py < 1%	10189	208.60 - 210.10	1.50			
				10190	210.10 - 211.63	1.53			
	210.90 - 211.02 narrow ANDS wedge in QZMZ								
211.90 - 213.47	ANDS; olive brown altered, porphyritic w/ minor mylonite / foliation @ upper contact	211.60 - 211.90 v. silica rich							
		ALT - X							
		QLC, highly brecciated, gouge, ANDS absent clay							
213.47 - 240.43	QZMZ; sheared; qz-flooded.	ALT - S; green serl on fracs and separating frag.; also clay on frac sfcs w/ depth	Minor py < 1%						
	221.50 - 222.46 brecciated QZMZ w/ qz vn frags; py finely disseminated assoc w/ qz vn frags, ~ 5%	ALT - X		10191	220.37 - 221.50	1.13			
				10192	222.46 - 223.42	0.96			
	224.27 - 225.19 ANDS, sheared, irreg contacts	ALT - X							
			@ 227.69 strong plane, grey clay + green serl						
			232.90 - 234.94 ALT - X; poss fault zone, clay rich						
240.43 - 245.16	MYLT / SHRZ, original lithos difficult to discern - possible ANDS/QFMYL & QZMZ	ALT - X	Py variable, fine grained, local stgr / fld						

CME

Hole No.: 97-45

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	In general: HUBX - 242.00 - 243.36		@ 241.35 massive stb, ? ANDS ? @ 243.38 RHYL w/ OL-SX VNINGS w/ asps, fine grained, assoc w/ qz						
245.16 – 265.73	RFP, solid competent tan brown w/ fsp phenos 20-40%	ALT - M/S, wk seri, clay on fracs	UC sheared w/ dark grey blue material (from MYLT) from above.						
265.73 - 267.27	QZMZ, fine-med	ALT - S	Py 2-5%, pyrr asps						
267.27 - 268.73	ANDS; dk green grey to locally altered olive; wk qtz-cb stockwork system (Intermixed w/ QZMZ over this interval)	ALT - M, locally S, ferrugin common on frac sfcs	5% inclusions from 265.94 – 266.59 Py rare <<1%	10198 10199	266.59 – 267.27 267.27 – 268.23.				
268.23 - 273.38	QZMZ, wk shearing w/ zones of ANDS 268.53 - 269.14 ANDS 271.77 - 272.67 ANDS; v. hematitic near UC	ALT - S, seri, bleached.							
273.38 - 275.05	ANDS, olive green to pale grey.	ALT - S/X; bleached, sericitized fsp phenos?	274.16 – 275.05 brecciated, dark, chloritic.						
275.05 - 276.40	MYLT / SHR-Z; v. strong, qz augen in dk grey seri matrix; minor qz-ve frags? Frags are rolled, rounded.	ALT - X	MYLT fabric - 10°CA, approx						
276.40 -	QZMZ; wk-mod shearing, confined to narrow planes + fracs, minor dk myltic bands, but rare	ALT - M, seri dominating, more propylitic	Py <1 - 2%						
			277.15 - 277.45, dk qz-py-seri stringers	10195	276.40 - 277.90				
			278.45 - 278.85 qz veins, up to 10% py, v. finely dissem, brecciated assoc w/ vns, also mod qz flooding.	10196 10197 10198	277.90 - 279.42 279.42 - 280.85 280.85 - 281.85				

Hole No.: 97-45

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(QZMP cont'd)	281.85 – 284.80, bleached ; locally pyritic ; ALT - S ; increased argillic alt^n	281.85-284.60 py 2-3% ; finely disseminated ; up to 10% over shorter distances	7352	284.80 – 285.90	1.10			
		~291.00 ⟶ alt^n decreases to M/W, commonly porphyritic .	@ 295.65 QZ-SX VN , thickness >5cm, ~30°CA, mass whl qz w/ py+ aspy/sph.						
		Occasional occurrences of fresh QZMP (magnetic) eg @ 300.50.							
	301.43 – 302.27 FELS / FLDC ; pink K spar alt^d rock in QZMP fine grained, pink ; rare to no mafics ; wk serit alting fract .								
	@ 302.46 MNDS xeno.								
		306.10 – 306.60 bleached , ALT-M .							
		311.09 – 311.53 strong propylitic alt^n of Fsp. replacement by epi .							
		311.53 – 317.35 fresh to weakly alt^d QZMP – ALT - N/W.	@ 315.79 disseminated up to 10% locally generally < 2% over a 50cm.						
		317.35 – 317.70 ALT - M/W, propylitic (brown-weathering due to chl alt^n)	@ 319.56 shear plane w/ ~ 1mm alt^d QZMP dikelet cross cutting shear ; v. fine biotite py over <7cm.						
		326.95 – 327.40 K-spar alt^d	@ 328.24 shear 1cm/40°CA, w/ argillic alt^n halo ~ 10cm diameter.						
331.62	END OF HOLE								

CME

G97-46

Project name: SEUCUM
Project # : CPS6C
D.D. Hole #: 97-46 (Relog)

Length (m): 162.46
Grid: UTM NAD 83
Dip: -58
Azimuth: 180°
Core size: NQ

Contractor: CARON
Northing: 6672842 907
Easting: 484 246.765
Collar Elev.: 939.

Hole survey type:
Started:
Completed:
Logged by: TN
Date logged: 10/25/03 - 10/26/03

Depth	Dip	Azimuth

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0 - 0.91	NO CORE								
0.91 - 17.30	QZMZ, med grained aplitic granodiorite	ALT - W. Unit is variably propylitically altered from quite fresh to moderately strong alt°. Alteration typically as narrow qz-fldsp veins bleaching and altering rock, as well as fracture-ring. 5.1 - 5.3 ALT - N° 7.4 - 10.9 ALT - N							
17.30 - 20.50	ANDS, porphyritic, dark to green; as 97-45 structural veins.	ALT - W. Bleached hematite fracs	Upper & lower contacts bleached to dk brown. Rare py (<<1%)						
20.50 - 27.89	QZMZ; as above	ALT - M., - strong propylitic w/ inter argillic locally (clay fracs) - bleached w/ groundmass qz-flooding	Trace py						
27.89 - 29.73	20.57 - 25.00 ANDS dyke - bleached, porphyritic ANDS dyke; as previous	ALT - W/M, bleached, several veins of chlorite bright green colour bleached	Py 1-2%, dissem. cubic						

CME

Hole No.: 97-46

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
29.23 – 42.96	QZMZ ; aphanitic, brown weathering. local 'ANDS' xenos – ~~wk~~	ALT – M ; strong propylitic incr. seri of fp.; bleached w/ wk silicif. overprint.	@31.51 shear, 30°CA						
		33.20 – 33.55 ALT – N ; fresh pinkish QZMP.							
		35.47 – 35.80 seri w/ infill of frac, v green, v soft.							
			38.70 – 40.30 Mylonitic shear zone in QZMZ ; dk gray matrix/shear bands w/ QZMP frags (augen) noted.						
			@39.10 abund 5% in vn; relatively fine ; 10–15% py, poss alspy (5%?)						
42.96 – 44.84	ANDS dyke ; porphyritic, wk-mod qz-cb-epi stockwork veinlets	ALT – W/M. Alteration strongest @ contacts.	UC sharp, faulted ; 30°CA. only moderate bleaching @ UC.						
			LC bleached, ~1cm contact w/ 5% disp py. (large ≤3mm patches), w/ ser., replacing phenos						
44.84 – 50.55	QZMZ	ALT – M ; very strong propylitic & weak argillic	@46.00 Small fault, gouge						
			50.45–50.55, dk seri + py alt'n in QZMZ near contact						
			@50.55 Sheared contact w/ ANDS ~30°CA.						
50.55 – 51.11	ANDS dyke, sheared, porphyritic	ALT – S ; v. bleached Appears to have had an episode of silicification.	5–7% py, disp in patches, but also showed as py veins along shear dir. ~ 35–40°CA	10143	49.40 – 50.55	1.15			
				10144	50.55 – 51.15	0.60			

CME

Hole No.: 97-46

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
51.11 - 56.30	QZMZ, as previous	ALT - M; propylitic w/ inter. argillic; seri remain along frac planes.		10145 10146 10147 10148	51.15 - 52.50 52.50 - 54.00 54.00 - 55.50 55.50 - 56.30	1.35 1.50 1.50 0.80			
56.30 - 57.75	ANDS dyke (extremely brown due to Fe/Mn exposure - limonite/hematite) wk. mod qz-cb stockwork	ALT M/W.	Minor py <<1%.						
57.75 - 60.40	QZMZ,	ALT - M; increasingly bleached and/or qz-flooded Argillic (seri) alteration							
60.40 - 61.70	ANDS, strongly sheared, increased SX content; dk SX stringer w/ mylonite contacts w/ QZMZ above & below	ALT - S; seri alt'n of phenos seri alt'n of matrix	Py dissem and stringers 3%; + dk fine grained SX						
61.70 - 62.30	QZMZ / MYLT zone.	ALT - X.	61.40 - 61.55 MYLT, wk SX; dk matrix w/ qz augen						
62.30 - 62.70	ROFP, v. green altered qz-eye porphyry flow banded	ALT - XIS.	Pyritic; 3-5%, cubic LC faulted & clay altered						
62.70 - 63.45	QZMZ / MYLT	ALT - X; clay alt'n	V. broken core (due to sampling) 63.30 - 63.45 strong dk grey cataclastic shear / mylonite; v. fissile, 35°-40° CA, forms shear contact w/ ROFP below						
63.45 - 96.80	ROFP, tan to buff white w/ pale green alt'n; qz-eye porphyry, flow banded.	ALT - S; sericitized;	Pyrite 1-3%, dissem cubes. Flow banding ~40° CA						

CME

Hole No.: 97-46

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(ROFP, cont'd)		Minor py+aspy+ stb. Py assem throughout, fine grained 1-3% Aspy + stb commonly in narrow vnlts w/ qz 71.00 – 75.00 Area of moderate stb ± aspy vnlts @ 74.00 Slow standing ~70°CA 77.40 – 77.80 ten abundant 5x stk +gus of stk ± py ± aspy 77.90 – 78.40 black cataclastic shear zone. MYLT. v. milled RHYL frags 88.78 – 88.95 silicified w/ ~5%.						
	77.90 – 78.40 Black MYLT.								
	78.40 – 88.25 v. frac'd 5x-rich ROFP, almost axial; locally abund py±aspy ± stb, abund green yellow alt mineral (As?)	ALT-X ; v. seri, mod clay							
	88.25 – 88.68 SHR. ?; original lith may be QtMz w/ ROFP; or highly sheared & altered w/ silicification of the ROFP								
	88.68 – 96.80 ROFP, v. competent; dk blue qz eyes, w/ wht/brown altered euhedral/subhedral fsp phenos	ALT-S.		Entry in sample DB B195166 B195167	86.25 – 87.50 87.50 – 88.60	Those are correct based on inspection of the core JV 10/26/03			
96.80 – 102.50	QtMz ; v sheared to 5x b.	ALT-S/X ; argillic (seri) incr silica flooding	98.55 – 99.60 v. strong brecciation of QtMz and numerous mylonite/ cataclastic breccias 99.97 – 100.75 MYLT, v. dk, fine grained, v few frags 101.50 – 102.50 MYLT zone. (contact zone between QtMz/RHYL) Py: disem cubes <1% vnlts ~1%						
102.50 – 103.52	RHYL, tan, highly frac'd/sheared w/ dk seri vnlts w/ 5x								

CME

Hole No.: 97-46

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
103.52 – 106.87	QFMP, v. sheared.	ALT – X (S.; bleached & qz-flooded.	Rare dissem py Foliation 50°CA.		106.45 –				
	103.52 – 103.97 MYLT contact zone w/ QFMP frags + some entrained RHYL frags	v. rich ser; in MYLT (most matrix material is ser)	~104.35 MYLT sheer band						
		106.10 – 106.87 v. clay alt'd							
106.87 – 113.52	ANDS; sheared; mod-strong qz-cb stockwork; bright green sericitized phnos.	ALT – S overall ALT X @ upper contact.	MC bx'd, sheared; clay alt'd v. rare py; < 1%.	10151 10152 10153 10154 10155	106.45 – 106.87 106.87 – 108.50 108.50 – 110.00 110.00 – 111.50 111.50 – 113.00	0.42 1.63 1.50 1.50 1.50			
		Minor hem assoc w/ qz cb veins and along fracs							
	110.88 – 110.98 QFMP, fault contacts @ upper and lower; also narrow breccia QFMP v. white, bleached, silica flooded 20-30°CA.	ALT – X	@110.04 locally abund py in ANDS						
	111.17 – 111.66 QFMP, sheared + intrusive contact w/ ANDS; go-qz @ LC, minor py; ~1%.	ALT – Y.							
113.52 – 114.67	QFMP, v. altered, sheared.	ALT – Y clay-ser;	py ~ 1%, cubic.	10156	113.00 – 114.67	1.67			
			@114.45 ductile sheer; olive green, w/ offset 65°CA.						
			114.50 – 114.67 v. silica rich zone, poss qz vn & contact w/ RHYP / fault; poss strg dissem py vn (dk blue grey). v. brec / cataclastic contact w/ major fault right @ contact ~50°CA.						
114.67 – 125.93	RFP; beige to tan, v. fn grained feldspar porphyry; trp phnos up to 10%.	ALT – S; (overprinting limit/assm due to) sfc exposure		10157 10158	114.67 – 116.00 116.00 – 117.50	1.33 1.50			

Hole No.: 97-46

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(RFP, cont'd)		117.23 – 117.43 ANDS? bx/cataclasite w/ RFP; RFP is frac'd w/ qz-cb having a tensional gash infill	10159	117.50 – 119.14	1.64			
			@119.05 narrow, but v. distinct ductile shear/cataclasite; 1cm/50° Sharp frac'd contacts along orientation of shear.						
		124.24 – 125.93 Green alt'd RFP, v seri rich							
125.93 – 130.00	QZMZ; v. sheared; local minor mylonitic zones (dk grey cx/seri streak bands)	ALT – K/S, v. strong seri, incr. clay.	Py increasing, v. fn grained up to 5% locally, but difficult to see						
	121.00 – 121.35 (approx) ANDS xeno?, frac'd	⟷ ALT – S/K	@129.85 py ~ 15%, poss aspy, disem through QZMZ.	B195178					
130.00 – 130.70	ANDS dyke (?); v. dk grey; bleached near LC.	ALT – K	1/5X rich BUT extremely fine grained, left of sample indicates sign. 5X in ANDS ~ 30-40%?	B195179	130 – 130.70	0.70	2441 g/t	Au	
			@ LC, minor bx'd contact w/ QZMZ, breccia above ~ 130.40m						
130.70 – 162.46	QZMZ, mod shearing, med-grained, equigranular.	ALT – S; seri, local epi; v. strong propylitic, mod → increase & argillic. Appears qz flooded.	130.70 – 132.00 relatively increased v. fn py, e.p @ 131.80 –	10160	130.70 – 131.97	1.27			
			** v. reminiscent of new intersections samples from 97-56; v. plain looking alt'd QZMZ w/ v. fine grained py, poss aspy	10161	131.97 – 133.50	1.53			
	132.62 – 132.97 ANDS dyke, sheared, alt'd olive brown, minor v.s. py, faint porphyritic texture.			10162	133.50 – 135.03	1.53			
				10163	135.03 – 136.55	1.52			
				10164	136.55 – 138.07	1.52			
		132.00 – 138.10 ALT – X, green colour to core		10165	138.07 – 139.60	1.53			
			140.45 – 146.30 Mylonitic zone, w/ numerous cataclasites + qz vn	10166	139.60 – 141.12	1.52			
			@ 144.90 (approx), ~ 5cm massive unit w/ diffuse 5x (aspy mafic sill?)	10167	141.12 – 142.65	1.53			
				10168	142.65 – 144.45	1.80			

CME

Hole No.: 97-46

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(QFMZ, cont'd)		148.50 – 149.90; QFMZ generally darker colour due to incr. Sx. (predominantly Py) w/ poss ASPy. @148.75 q2 vn, mass wht, appears barren; wall rock w/ ~5% disem Py + poss ASPy.						
	154.21 - 154.99 FNDS dyke, olive brown Giltic contact zones w/ green central porphyritic								
		154.99 - 162.46 ALT-M locally WS - propylitic		10169	151.80 - 152.80	1.00			
				10170	152.80 - 154.21	1.41			
				10171	154.21 - 154.99	0.78			
		159.31 - 159.34 ALT-S Sericite-clay alt'n w/ 5% silicified		10172	154.99 - 156.36	1.37			
			159.04 - 159.24 SHR. ?; dk. grey fissile	10173	156.36 - 157.89	1.53			
				10174	157.89 - 159.41	1.52			
				10175	159.41 - 160.93	1.52			
				10176	160.93 - 162.46	1.53			
162.46	END OF HOLE								

CME

G97-47

Project name: SKUKUM
Project #: CIP56C
D.D. Hole #: 97-47 (Relog)

Length (m): 199.03
Grid: UTM NAD 83
Dip: -67
Azimuth: 180°
Core size: NQ

Contractor:
Northing: 6672642.907
Easting: 484 246.765
Collar Elev.: 939

Hole survey type:
Started:
Completed:
Logged by: TV
Date logged: 10/16/03

Depth	Dip	Azimuth

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0 - 0.91	NO RECOVERY.								
0.91 - 23.00	QFMP, med-grained, equigranular; magnetic where fresh, now has a patina of brown weathering hematite/limonite due to sfc. exposure.	ALT - N to locally W. (propylitic);	Occasional qz-cb-chalcedony vns a valtsy wide alt^n halos around these vns, no magnetite in v/r. @23.70 massive stib-qz vn. 5-6cm/50°CA; forms contact between QFMP/ANDS						
23.00 - 25.70	ANDS dyke; med grey green to brownish olive (bleached)	ALT w/N, minor bleaching, hem alt^n of fracs.	@ 25.70 stib-qz vn, massive stib, again forms contact between ANDS/QFMP; 2cm/40°CA						
25.70 - 35.08	QFMP, as previous, generally v. fresh.	25.70-29.63 W/M propylitic alt^n assoc w/ contact vein.							
35.15 - 38.26	ANDS, porphyritic; green w/ dk green phenos	29.63 - 35.08 ALT-N; v fresh. Typical hem alt^n on frac sfcs.	UC sheared, bleached and brecciated for 15cm. 25°CA; qz-(cb) vning Near LC, bleached, faulted (v. broken core)						
38.76 - 55.35	QFMP, as previous; shows typical sfc exposure hem/limonite alt^n (orange-brown) - v wk to absent magnetism	ALT - W, locally M. 38.76 40.37 → ALT-W/M; propylitic, with increasing sericite downhole.	@39.10; note on core, (ANDS xcnd) "fr. 85.24" - no definite sightings, may be reflection of cut face.	10061 10062 10063	35.85 - 36.65 36.65 - 38.26 38.26 - 39.76	0.80 1.61 1.50	10 30 <5		

97-47.

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	@46.83 ANDS xeno.								
55.35 - 57.30	ANDS, olive brown oxidized, w/ bright green seri - alt'd fsp phenos.	ALT- W, bleached; sfc exposure oxidation	UL, dk grey mylonite, 15% CA; finely milled SX + cal?, seri?, minor qz. fsp frags.						
			56.83 - 57.20 dk grey mylonite zone, (v. broken from previous sampling)						
57.30 - 58.55	QZMZ; as previous.	ALT - W/M.; wk/mod seri propylitic							
		Alt° increase to S near LC @ 58.55							
58.55 - 62.34	ANDS, as @ 55.35 - 57.30.;	ALT - M, bleaching, seri hematite on frac sfcs.	Py 3-5%.						
			59.30-59.70 v. bleached, silicified zone w/ qz-SX vn; 5cm(?)/50°CA.						
			Py. 10-15%, Stb ?						
			@62.34 LC shear contact 20°CA						
62.34 - 88.20	QZMZ, med-grained, equigranular.	ALT- W, propylitic, mod. seri Minor chalcedonic qz vn#s							
		Brown sfc. exposure weathering v. prevalent.							
		@62.70 Argillic alt° around shear?	@65.75 qz-(cb) vnlt, 5mm/55°CA w/ 7cm argillic alt° halo. (seri.)						
			@67.27 qz vnlt (wht + grey), 5mm/60°CA w/ 5% py.						
			~70.10 qz (mylt shear plane 10-15°CA						
			@70.34 thin stkw. of qz vn. w/ ser + Stb?						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	(QZMZ, cont'd)		78.40 – 79.05 zone of qz veins; white qz, vns 3mm to 1cm; py up to 20% w/ dk blue/purple hematized inclusions – Magnetite → nom.						
		82.16 – 86.90 ALT - M increased bleaching and sericitization; also chl; and shearing of QZMZ.	@82.01 qz-cb shear plane 10-15° CA						
		84.75 – 85.70 ALT S, locally X clay altered, bleached and leached.	@84.75 mylonite shear band, dk grey; 1.5-2cm, 50° CA; ALT: S-X						
86.90 – 88.20	ANDS. porphyritic; shearing (tension-gash)	ALT M/S, bleached, w/ seri phenos;	@89.78 qz vn, massive, wht - 2cm/50° CA						
88.20 – 92.05	QZMZ; mod, shearing	ALT - M, bleached, mod seri							
92.05 – 93.20	ANDS dyke, bleached.	ALT - S/X.	Dissem aspy / py; aspy is acic euhedral needles ~1 cubic py.	10064	93.3 – 93.88	0.58	300	0.2	
		Lower portion of interval altered to a sulphur-yellows w/ dissem py & aspy - yellow o/c probably aSpy oxide (Jarosite?)	UC is low angle ~10° CA						
93.20 – 97.03	QZMZ, wk-mod shearing	ALT - M/S; seri stringers, v. minor mafics (chl); local cb veins; v. bleached. Minor hem.	Rare py.	10066	93.30 – 93.88	0.58	300		
				10067	93.88 – 95.40	1.52	<5		
				10068	95.40 – 97.03	1.63	<5		
97.03 – 99.41	ANDS, sheared, porphyritic	ALT - M; upper/lower contacts bleached; less common Qz-cb stockwork (tension-gash)		10069	97.03 – 98.14	1.11	5		
				10070	98.14 – 99.41	1.27	<5		

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
99.41 - 114.52	QZMZ, sheared, still equigranular texture visible.	ALT - W, locally M. bleached, propylitic; wk seri; probable silicification event. 103.23 - 103.56 ALT - M, incr seri; qz flooding ? @107.25 abund seri assoc w/ shearing	Zone to no py; Shearing evident in narrow seri/chl bands - also hem bands (tension) @100.80 v. green shear / seri, ~1cm / 15°CA. 106.20 - 106.60. shear zone, rock fract'd along common plane angle ~6 times 40-50°CA; also w/ chl-seri on fract sfcs. @110.73 wht qz vn, barren, w/ chl/seri alt° halo, minor diss py in halo. (<1%) @111.07 dk green seri in shear plane 7mm/35°CA	10071	99.41 - 101.00	1.59	<5		
114.52 - 117.50	RDFP; tan to off white, v. fine grained w/ 5-10% qz phenos, 10-15% fsp phenos (mostly faint and ragged); sheared	ALT - W/M., pale greenish cast to rock due to seri alt'n	UC w/ QZMZ, v strong shearing/fault zone over 114.28 - 114.62 30-35°CA @115.80, gouge core, sheared + faulted @117.10, another major shear plane.						
117.50 - 118.26	V. dk grey mylonite zone; poss original ANDS and or QZMZ.	ALT - X.	locally brec'd; entrained, rolled, milled qz frags, py ~ 2%						
118.26 - 128.90	QZMZ / Mylonite zone, extremely sheared 120.40 - 121.30 relatively no dk mylonite 123.00 - 123.85 (as above) 123.85 - 127.20 V. strong mylonite zone.	ALT - S/X. Dark bands appear to be primarily seri = chl ± Sx 127.20 - 128.90 ALT - X, very clay-altered / leached	Locally brec'd, strong shear fabric developed over interval ~35°CA Generally v minor visible dissem py (as Sx in general) <1% 127.20 - 128.90 incr diss py (wbrc) ~1-2%, v. fractured to contact (ALT-Z)						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
122.90 - 135.07	ANDS dyke: bleached to locally dk grey qz-cb tension-gash infill 133.60 - 134.37 dk grey subpk'd ANDS, 20-25% py visible (Historical sample runs over 5% Au) 135.07 - 135.31 QZMZ (xeno)	ALT - M/S; bleached contact zones Ser phenos (altered fsp) ALT - S	@132.40 qz vn(s) in ANDS; approx 1cm/60° CA						
135.97 - 136.95 (approx)	QZMZ; v. sheared. Mylonitic zone from 136.60 - 136.95	ALT - S/X							
136.95 - 139.33	ANDS, strong stockwork 139.10 - 139.33 v. sil-bleached	ALT - S.	138.65 - 139.10 25-30% fine grained py; qz vn wl adpy						
139.33 - 142.15	QZMZ; minor dk mylonitic bands	ALT - S bleached; ser; minor matics							
142.15 - 147.45	ANDS, sheared,								
147.45 - 149.33	QZMZ, sheared; minor dk mylonitic bands, blt rare. 147.90 - 148.10 ANDS xcnd	ALT - S; bleached ALT - S; bleached	Py 2-5%, disseminated and small Sx seams Note: Error in original sampling. Last sample in group @ 142.20 which is labelled and flagged — Should be 143.1 m; making @ 2m sample. Corrected in DB TV	10072 10073 10074 10075	143.10 - 144.60 144.60 - 146.10 146.10 - 147.60 147.60 - 149.05	1.50 1.50 1.50 1.45	<5 5 <5 5		
149.33 - 150.70	ANDS, typical bleached, olive brown wl intense qz-cb stockwork; Stockwork vns/vnlts have preferred orientation near parallel to CA	ALT - S							

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
150.70 – 162.64	QZMZ; sheared;	ALT-S. brown weathered as typical sericite, minor chl.	Rare py.						
		154.64 – 156.36 ALT-X;	154.64 – 156.36 Boss fault zone, v. altered (clay), gouge; osf @ 155.76 – 156.36.						
		156.36 – 177.00 ALT-S v. strong ser; mafics absent, to v. rare; increased silica (qz. flooding)							
	160.80 – 161.01 ANDS xeno(?), 2-7% py.			10076	159.41 – 160.80	1.39	35		
				10077	160.80 – 162.64	1.84	25		
	162.64 – 163.07 ANDS xeno(?), sheared lower contact, qz-cb vnlts; py 1%.			10078	162.64 – 163.07	6.43	<5		
			163 – 171.20 FLT Z; broken rock/clay-alt	10079	163.07 – 164.57	1.50	<5		
			~164.10 shearing (ser bands) 30°CA.	10080	164.57 – 166.07	1.50	<5		
			@168.35 strong fracturing	10081	166.07 – 167.48	1.41	5		
			@ 171.00 – 171.70 strong fault.	10082	167.48 – 169.00	1.52	45		
			@ 171.00 – 172.60 – v. strong black mylonite zone, py + sfide (?), also yellow alt^{n} (As-oxide ?)	10083	169.00 – 170.50	1.50	50		
				10084	170.50 – 172.00	1.50	60		
	177.00 – 177.80 ANDS, as above, w/ less qz-cb stockworking (smaller vnlts).								
		177.80 → EOH ALT – M/W. (QZMZ); general qz flooding and minor vnlts appear in core to EOH; generally whit soft qz w/ bright green ser alt^{n} halos	@ 179.05 qz vn w/ chl/ser, minor py 4mm/20°CA; also sm vnlt @ 179.20.	10085	177.80 – 179.60	1.80	85		

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	QFM7 (cont'd)	183.25 – 183.67 qz flooding + vns w/ ser alt^n 184.06 – 184.59 qz-vning & flooding 186.84 – 188 strong ser alt^n QFM2 near end of hole primarily propylitized w/ some K-spar alt^n near v. bottom (196.56)	@ 190.66 qz-chalcedony vnlt, patchy ext 197.10 – 197.50 shear zone w/ ser alt^n @ 198.45 qz vn, banded wht massive 7mm/70°ca						
199.03	END OF HOLE								

CME

Project name: SKUKUM
Project #: CPSGC
D.D. Hole #: 97-48

Length (m): 275.54
Grid: UTM NAD 83
Dip: -78
Azimuth: 180
Core size: NQ

Contractor: CARON
Northing: 6672 842.907
Easting: 484246.765
Collar Elev.: 939.00

Hole survey type:
Started:
Completed:
Re **Logged by:** TV
Date logged: 11/11/03

Depth	Dip	Azimuth

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0.00 - 39.52	QZMZ, med grained, equigranular, pink a green when fresh; when alt'd has a pervasive of brown orange stain/limonite alt'n - (may be v. brown where exposed to sun) V. magnetic where fresh Minor ANDS and/or DIORITE xenos. Wk qz-cb veins; minor qz-ep-epi veins which centre propylitic to argillic alt'n zones @ 58.30 FLDK 15°CA	ALT - variable through footwall, generally increasing with depth. 0 - 1.56 ALT - W. propylitic 1.56 - 9.23 ALT - N/W 9.23 - 14.27 ALT - W. propylitic 14.27 - 15.25 ALT - N. 15.25 - 19.95 ALT - W 19.95 - 30.62 ALT. N, W; wk propylitic @ 28.70 qz-flooding	@ 20.93 qz vn 6mm / 75°CA, w/ green sericitic alt'n halo (<1.5 cm)						
39.52 - 51.12	ANDS, med green w/ dk green phenos (when fresh) Non contacts with QZMZ w/ sericitization of phenos (bright green); py common near contacts where strongly bleached.	ALT - W. 39.52 - 40.07 ALT - M. 40.07 - 41.35 ALT - W 41.35 - 44.40 ALT - N. 44.40 - 46.00 ALT - M. 46.00 - 51.12 ALT - W, near bleached on fracs and wk pervasive iron colouration	Py 5%. 39.52 - 40.07 highly sheared, qz-flooded, almost bx'd; py = 2-3%, patchy distrn. 44.70 - 46.04 py 5% pervasive distrn. 49.60 - 51.12 py 3-5%						
51.12 - 61.79	QZMZ, typical brown-weathering weakly alt'd unit. @ 59.00 1.5cm / 25°CA FLDK	ALT - W.; propylitic 59.53 - 61.39 med propylitic	Py v. rare (<<1%) @ 60.35 qz-cb vn 7mm / 45°CA.						

CME

Hole No.: 9748

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
61.79 – 65.11.	ANDS; porphyritic, contact zones silic'd	61.79 – 62.32 ALT-M/S; v. pyritic; phenos: bright green. 62.32 – 64.80 ALT-W; phenos darker green (chl ser) – hematitic 64.80 – 65.11 ALT-M; bleached incl. ser.	61.79-62.32 5% py. parlay qtz/sm. @62.40 qz flooded, 5-10% py. 64.80-65.11 py 1-3% @LC, narrow shear plane; 85.90°CA						
65.11 – 81.70.	QZMZ; as previously described	65.11 – 66.70, ALT-M, wk ser' bleaching 66.70 – 81.70 ALT W/N; zones of qtz flow QZMZ wk propylitic alt'n; magnetic Fresh zones have wk 1% spec alt'n	Py <1%						
81.70 – 85.00	ANDS; similar to previously described, green phenos relatively large, up to 5mm – wk qz-cb stwk	81.70 – 81.90 ALT-M 81.90 – 84.50 ALT W; hematitic 84.50 – 85.00 ALT-M; v. bm/lim coated; clay alt'n on fracs (sfc exposure)	81.70-81.90 py 5% @LC shear?, 25°CA						
85.00 – 94.30	QZMZ; as previous; wk wk C	ALT-M; incr hematitic alt'n also bleached – may be due to increased qz content from flooding 93.97 – 94.30 ALT-J, sheared grn clay alt'd zone major silver zone.	Py rare (<1%) v competent Narrow dk relatively bands 25 – 30°CA	09902	92.66 – 94.30	1.57.			
94.30 – 95.85	QZ-SX BX / MASSIVE SX; ANDS: ANDS unit is seen @ extreme LC, but quickly becomes the QZ-SX BX/SX BX or SHR until end of zone		Massive sitb, locally more py; fine chalcopy; minor sph. Solid sitb over 5cm; QZ-SX veins shows SX through network of fracs.						
95.85 – 97.65	ANDS; porphyritic	95.84 – 96.55 ALT-S; v. bleached & serecitized 96.55 – 97.65 ALT-M/N; dk green phenos, mod qtz-cb stwk; hem.	95.84-96.55 1-3% py; also strong stwk's and highly fract'd @ low angle to CA 96.55 – 97.65 Py absent	09903	95.85 – 97.65	1.80			

CME

Hole No.: 97-48

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
97.65 – 101.92	QZMZ, typical brown-weathering	ALT-M; wk seri, sil-rich	Py rare <1%. UC 30°CA LC 30°CA, sheared						
101.92 – 104.00	ANDS, porphyritic	ALT-M/S. bright green ser: phenos; bleached, olive coloured. 103.33 – 104.00 incr. bleaching/alt° circ becomes grey	@102.80 qz-cb vn 50°CA, intense cracking; minor epidote red hem. 103.33 – 104.00 py 3-5%, patchy disseminated						
104.00 – 122.47	QZMZ, as previously described	ALT- M/W. – sericitic, but wk 113.74 – 117.45 ALT-M, sericitic w/ incr. clay along fractures. 114 – 114.50 ALT-S, chlor/ser. 117.45 – 120.91 ALT-W/M 120.91 – 122.47 ALT-M/S v. strong bleaching of QZMZ	113.74 – 117.45 SHR-Z, several shears marked by incr. sil; orange alt° + chlor ser. @ 114.30 shearing @ 115.92 shear 2cm/20°CA @ 117.24 shear, v. seri rich, 20°CA 120.91 – 122.47 Py 3%						
122.47 – 125.17	ANDS, porphyritic, as previously described. wk qz-cb stwk	122.47 – 123.29 ALT-M; bleached, olive coloured, green seri, phenos Minor sx vnlts + dissem py (3%) 123.29 – 124.55 ALT-W; med green, matrix w/ darker green phenos; presence of hem in qz-cb vnlts + dissem in core. 124.55 – 125.17 ALT-M, olive coloured again now LC.	UC – indistinct due to sampling @ LC. 40°CA; sheared; some yellow alt° mineral						
125.17 – 128.98	QZMZ, as previously described,	ALT-M; incr. qz flooding esp below 127.20. 127.20 – 128.98 ALT-S increasing clay content + ALT-wk @ contact, v soft gouge	@126.34 shear, qz vnlt, minor py. 1cm/15°CA; clay alt° 127.20 – 128.98 med shearing w/ qz vnlts/flooding @128.07 qz vnlt/shear, several cm wide vnlts; 75°CA						

Hole No.: 97-48

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
128.98 – 130.69	ANDS; porph:	ALT- M/S; olive brown bleached w/ bright green ser. fsp phenos Minor hem assoc w/ qz-cb vnlts.	UC shearing 40°CA.						
130.69 – 131.84	QZMZ.	ALT- M; bleached; qz flooding wk but pervasive; ser.	LC; irregular, ~45°CA; shearing w/ minor ser.						
131.84 – 133.36	ANDS, porph, mod qz cb stwk.	ALT- M/S; ser. phenos.	132.05 - 132.78 injective QZMZ; highly bleached ANDS. 25-40°CA @132.94 - QZMZ xeno, bleached.						
133.36 – 144.29	QZMZ	ALT- S; very ser; greenish colour to core; ser. qz flooding and qz-cb vnlts.	133.66 - 133.81 UC irregular frac'd / broken rock - poss fault. @134.06 large (up to 2cm) qz-cb vn infilling tension gap. 134.70 - 135.40 shear zone; numerous slip planes; ductile deformation 40-60°CA						
	(Box 25 - appears to be sandstone, v. hematitic rubble? difficult to see alt'n grade.)	134.70 - 135.40 very clay alt'n in SMZ.							
		136.63 - 141.06 bleached, ser. fracs; core v. decomposed,	@139.53 erodable shear/fault completely decomposed; clay rich - dark grey/green frags @139.75 Box (?) v. alt'd; qz frags 139.90 - 140.10 v. decomposed core. 140.50 - 140.90 numerous parallel fracs @ 1-3cm intervals, 40°CA.						
		141.06 - highly bleached, alt'd QZMZ - ALT-X; v. little "brown sfc weathering"; numerous ser. green fracs	@142.98, numerous fracs coated in clay-ser-hem						
144.29 – 146.13	ANDS, porph; v sheared, alt'd	ALT- S; bleached; strong ser's + minor hem.; strong qz-cb stwk.	UC 50°CA.						
	144.78 - 145.60 QZMZ xeno/intrusive, highly stwkd and Alt'd - ALT-X; abund qz flooding and qz-cb tension gash infill								

CME

Hole No.: 97-48

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(ANDS, contd)		@145.25 strong discrete shear zone w/ cataclastic /gouge / 10% f. 30-35°CA 145.90-146.13 highly frac'd ANDS, fractured LC						
146.13 – 149.21	QZMZ, sheared; highly alt'd.	146.13 - 149.21. ALT-Y.	V. strong shearing @ UC. @147.35 qz-cb veining/shear. 20°CA. @LC, 30°CA.						
149.21 – 153.92	ANDS, porphyritic; strong alt'n @ upper and lower contact zones Intense discrete qz-cb stkwk, generally short tension gash infill, post v numerous; in high alt'n zones, infill w/ py, dk ser. @150.37 QZMZ xcno. ~10cm.	149.21-151.74 ALT-S/X, olive colourless, bleached; bright green Ser-chl-sericitized phenos. 151.74-153.13 ALT-M/S, greener rock; still w/ pervasive qz-cb stkwk; phenos dark green 153.13-153.92 ALT-S/X, olive colourless, green ser, phenos. Fairly sharp alt'n change @ 153.13	149.21-151.74 py 2-3% in stringers an assem patterns. highly frac'd but healed. @LC 47°CA, v. sharp, no significant shearing						
153.92 – 159.19	QZMZ, highly sheared & alt'd. Shearing/fabric (filled w/ ser) orientation low angle to CA to near parallel CA. @156.71 narrow ANDS stringer. 2cm/35°CA.	ALT-S; bleached, ser-chl-FK. mod qz flooding 152.21-159.19 ALT-X; v bleached; large cb-qz veins.	158.21-159.19 2-3% py disem in QZMZ, fine to coarse patchy py aggregates.						
159.19 – 160.48	ANDS; porphyritic; mod-strong qz-cb stkwk.	ALT-S, bleached, bright green ser-phenos. 159.50-159.80 traces w/ v. dk red hem. 159.90-160.20 ALT-M, (green ANDS) 160.20-160.48 ALT-S, olive	LC sharp, 35°CA; wk. shearing.						
160.48 – 162.75	QZMZ; mod shearing; esp near contacts	ALT-S; ser; on fracs w/ some clays developed.							
162.75 – 165.40	ANDS; intense qz-cb stkwk (tension gash infill); mod green	ALT-M; except @ extreme UC slightly bleached & but wk	UC - 35°CA LC - 45°CA						

CME

Hole No.: 97-48

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
165.40 - 186.69	QZMZ, locally extremely sheared to deformed (cataclastic); generally mod-strong sheeting; V. ser rich. 172.84 - 173.07 AND? xeno	ALT-S; highly bleached, mod - locally strong ser alt; qz-floodings 177.63 - 178.78 v. strong ser alt in strong sheared/deformed QZMZ, nearly 40-50% infill by green ser. 181.00 - 181.40 ALT-V; clay infill, fract; 183.13 - 185.70 ALT-V, another shear w/ abund clay alt	Py rare <1%. @ 177.98; shear plane, clay alt ~5-10°CA. @180.30 shear plane 20°CA; narrow, ser. infill @ 181.37 gouge zone, high clay content shear/fault; ~10cm. 185.13 - 185.70 shear zone, ~70°CA. 186.49 - 186.49 strong sheeting near LC 30°CA						
186.69 - 198.55	RQFP; clear/grey qz eyes, ragged fsp phenos in light grn to greenish RHYL matrix. Sheared w/ generally brittle deformation; 190.10 - 191.34 anastomosing quartz LE in zone of RQFP, slightly coarser grained, w/ wk lim alt° appears like internal remobilization or V. late stage injection and recrystallization - larger, more abundant qz eyes.	ALT-M; pale green ser. alt° of matrix; locally sheared zones of higher alt° w/ minor clay	minor LC. 1%/ok ser. veining, <1mm 75-30°CA. Py V rare to absent (<<1%)						
198.55 - 200.05	QZMZ; completely disintegrated - box due to sfc exposure weathering and sampling - probably highly sheared, v. clay rich	ALT-S/X							
200.05 - 200.15	RHYL, qz flooded, silicified	ALT-M							
200.15 - 201.25	QZMZ, as previous, completely disintegrated sheared.	ALT-S.							
201.25 - 201.90	RHYL/RQFP, highly frac'd internally, veins w/ dk ser; 1% Py	ALT-M							
201.90 - 202.70	QZMZ, sheared, decomposed.	ALT-S.							
202.70 - 203.65	AND? w/ minor intermixed QZMZ. (60-40);	ALT-S;							

CME

Hole No.: 97-48

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
203.65 - 215.76	QZMZ, highly sheared, altd; minor xenos of AMDS.	ALT-X, v. bleached, large qz-floods; sericitized fsp.; clay v. common on fract sfcs.	205.00 – 206.45 SHR. Z @205.70 & 205.30 dk calcsilicate sheers; v. fissile. 205.70 - 206.05 close to MYLT, v. highly sheared; fissile; QZMZ w/ 5-10% assem sx of primarily py; poss aspy 207.80 - 208.05 breccia zone, QZMZ, and QL-Sx vn frag; Qz-Sx vn frags up to 85% Sx - Stb - aspy. @208.75 qz vn 15cm/25°CA white, bottom.						
	209.65 - 213.70 Bx QZMZ; v. sheared w/ large qz rich frags contained in fract fabric rolled + milled	ALT-X, v. clay rich	209.65 - 213.70 fract dissem stb? blue grey - diffused in qz rich frags						
	213.70 - 215.76 QZMZ, sheared, ductile deformation still v. clay rich esp along fract/sheet planes	ALT-S.	@LC v. sheared, clay rich						
215.76 - 231.85	ROFP; v. similar to previous ROFP; wk flow-banding	ALT- M.	Dissem py ≤ 1%, cubic 215.76 - 219.60 wk Sx stringers throughout ROFP; v. narrow; appears to be primarily py-stb-poss aspy and talc. - Stringer orn. to pressure into formation						
		225.05 - 225.75 v. greenish seri-rich core, except angular qz-eyes which exhibit a halo around them which is still white/tan	~270° flow banding 10-15°CA						
		227.77 - 231.85 incr seri alt — greenish, as above; where flow banding, seri concentrates on certain bands.	227.77 - 231.85 incr. sheeting w more seri-Sx stringers @230.70 flow banding 20°CA 231.30 - 231.85. fract w/ wallrock by seri + Sx veins.						

CME

Hole No.: 97-48

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
231.85 – 234.90	MYLT / SMR-Z ; v. sheared, milky, veined QZMZ frags in v. fn. grained dk grey to brownish green seri/clay rich matrix ≤10% is identifiable as QZMZ.	ALT-X ; clay/seri	Sx ≤ 5%, where recognizable is commonly stkb. (dk blue grey) Assoc w/ qz vn frags (?) or as discrete dissem						
234.90 – 245.83	RQFP ; as previous unit. Pyritic 2 - 5%. 236.42 – 236.62 QZMZ xenO.	ALT- M / S. - clay alt of fsp phenos - pale green dur to pervasive seri.	Flow banding 15°CA. Dissem py. Large aggregates up to 5mm Minor sx veins, dk blue, py. stkb @240.30 v. seri rich frac zone, pass fault w/ sx veins of fine dissem py. @244.10 Flow banding 20°CA.						
245.83 – 265.92	QZMZ, v sheared, locally brec (tectonic/fluvial determination)	ALT-X ; v. clay rich, seri-rich,	UC zone v. sheared, almost MYLT, Pyritic 2%	09904	246.90 – 248.11				
			@250.30 shear/fault, clay rich, large qz frags, dk sx - seri	09905	248.11 – 249.63				
			@251.25 qz veining, irreg shape, pinching out ; wht massive qz w/ dissem py (10%) ~45°CA	09906	249.63 – 251.16				
			@253.45 qz vn frag? w/ minor sx (py)	09907	251.16 – 252.68				
	@265.00 MMDS xeno.		@253.35 pyritic sheer, dk grey brown ~1cm/55°CA	09908	252.68 – 254.20				
			@255.90 qz vn, wacs wkt w/ boun. ~1cm/70°CA	09909	254.20 – 255.73				
			265.10 – 265.60 MYLT zone, dk grey highly foliated, milked rock.	09910	255.73 – 257.25				
				09911	257.25 – 258.80				
265.92 – 266.25	MYLT, banded, milked QZMZ frags + PHYL frags	ALT-X.	Fabric 10-15° CA.						

CME

Hole No.: 97-48

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
266.25 - 268.20	RHYL / QFP. strongly sheared, frac'd	ALT-S.	Pyrite 2%, Sv veins common, generally v. fg grained py						
	267.80 - 268.20 MYLT/BX ZONE	ALT-X							
268.20 - 269.10	QZMZ, highly sheared, all ß	ALT-S/X							
269.10 - 273.45	RHYL/QFP, sheared; w. tension fill by green ser, oriented down CA.	ALT-S; v. ser. rich, v green; bleached near UC.	269.54 - 269.69 strong fault/shear, decomposed/fissile RHYL. 30°CA, 5cm wide						
		273.20 - 273.45 ALT-X	@LC, sheared, ~40°CA						
273.45 - 274.02	QZMZ;	ALT-S							
	273.76 - 274.02 core is ½ QZMZ & ½ ANDS; contact down CA; contact is irregular.								
274.02 - 275.54	ANDS, green; mod qz-cb stwk	ALT-S, v. bleached; sericitized phenos; olive coloured matrix.							
		Minor ron assoc w/ qz-cb vnlts.							
275.54	END OF HOLE								

CME

Project name: SKUKUM
Project #: CP56C
D.D. Hole #: 97-49
Relog

Length (m): 211.53
Grid: UTM NAD 83
Dip: -60
Azimuth: 180
Core size: NQ

Contractor: CARON
Northing: 6672865.395
Easting: 484196.950
Collar Elev.: 947.0

Hole survey type:
Started:
Completed:
Re **Logged by:** TV
Date logged: 11/13/03

Depth	Dip	Azimuth

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0.00 - 0.91	CASING/NQ CORE								
0.91 - 21.00	QZMZ, med. grained, equigranular; pink & green when fresh; Minor ANDS and/or DIOR xenos V. localized where fresh Qz-cb vns occur every 1-3mm, typically <1cm, 70-80°CA, vn alt'n halos	ALT - N/W, var ABV, typically more veins of W/M alt'n around qz cb ep. vns. 17.03 - 21.00 ALT - W, propylitic	Rare py (<1%) @17.40 qz vn, mass with 15cm/60°CA w/ dk grey shear plane @ UC.						
21.00 - 25.65	ANDS, porphyritic; olive to med green matrix, depending on alt'n grade, phenos dark green to bright green, <1 - 3mm, puss dk rep or bot? 24.08 - 24.26 RHYL, pale yellow green, silicified minor horn free relicts ALT - S 24.55 - 25.00 QZMZ xenos(?) ALT - S, v. bleached, pyritic 3%, clay alt'n	21.00 - 22.00 ALT - M, bleached 22.00 - 23.70 ALT - W; lightly bleached. 23.70 - 25.00 ALT - M, bleached, pyritic, bright green sericitic phenos	Py 1-3%, concentration in alt'n zones near contacts, assoc w/ dk phenos 23.70 - 25.65 Py 5% in ANDS						
25.65 - 31.20	QZMZ, as previously described, vari. alt'n grade; no qz vns except narrow stringers of cb-qz	25.65 - 26.80 ALT - M/S; v. bleached, no iron from weathering Pyritic 26.80 - 29.20 ALT - M 29.20 - 30.00 ALT - W; faulty fresh. 30.00 - 31.20 ALT - M;	25.65 - 26.80 Py 20%, disem in QZMZ along grain boundaries - this unit is similar to hw-bearing QZMZ elsewhere except no aspy						
31.20 - 32.77	ANDS, med green	ALT - W, some bleaching near UC	UC sharp 35°CA. Wk pyritic 1%. @32.08 discontinuous qz vn, chaot qz w/ 20% py, large aggregates.						

CME

Hole No.: 97-49

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
32.77 - 48.86	QZ-MZ; fairly fresh, pinkish 34.55 - 34.75 ANDS xeno(?) - separated by 5cm QZMZ. - ALT - M; bleached	ALT - W; wk propylitic, K-spar overprint 34.75 - 35.50 ALT - W/M 35.50 - 47.00 ALT. N; (sl.c. oxidized core - difficult to estimate alt grade) 47.00 - 48.86 ALT - W; some ser; also K-spar.	Py vein: (<1%); actinm veins @48.03 qz-cb. ser. py vn; slightly disrupted and small offset 1-3cm wide / 15°CA; py ~ 10%; v. fn grained to aggregates. - wk org alt° halo. Py ≤1%. UC - 35°CA. LC - 30°CA.						
48.86 - 50.69	ANDS dyke, fine, wk qz-cb stwk.	ALT - W, lightly bleached. - less common of traces and assoc w/ qz-cb							
50.69 - 52.00	QZMZ, v. pink. - K-spar alt° pervasive	ALT - W; minor qz-cb hairline vnts.							
52.00 - 57.28	QZMZ, moretypical brown weathering to pale green alt'd QZMZ unit.	ALT. M; more sericitic alt°; still a wk pervasive K. spar alt°	@ 52.00 - 52.20 gouge section 3cm / 40°CA; qz vning 3cm/40°CA						
		@56.20 yellow alt° along fracs - previous ser.							
57.28 - 61.80	ANDS; med green, wk qz-cb stwk,	ALT - W; wk bleaching - to 59.85	Pyritic 3-5% UC, v. low ang to CA - 15°CA (sheared but sharp)						
	59.85 - 61.80, SHZ. 2 w intermixed ANDS and QZMZ. - latter may only cross cut of core - v. pyritic 10-15%) coarse aggregates.	59.85 - 61.80 ALT. M/L, bleached, olive brown; bright green seri - phyllic.	@ 61.33 qz-cb vning; 2cm / 50°CA minor fine-grained py.						
61.80 - 62.32	QZMZ.	ALT - M, bleached.	62.18 - 62.32 clay alt°, sheared & gouge w/ dk grey fossile shear plane (decomposed) - contact w/ ANDS below.						
62.32 - 63.07	ANDS.	ALT - M.	UC v. sheared, to milky bx'd. - chloritic qz infill LC 30°CA, sharp						

6.17

CME

Hole No.: 97-49

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
63.07 – 63.94	QZMZ	ALT- M.							
63.94 – 64.87	ANDS. porph; wk qz-cb stwk.	ALT- W, except @ extreme LC where ALT-M (bleached)	UC 45°CA LC 50°CA sheared / altered.						
64.87 – 69.20	QZMZ; wk shearing, evidence in narrow qz-cb veins (<1mm) and traces noted w/ seri	ALT- M; bleached, wk qz-flooding							
69.20 – 70.00	ANDS. porph; mod qz-cb stwk	ALT-W/M, bleached slightly; how assoc w/ qz cb veins	UC - multiple offsets (<2mm) ~ 50°CA.						
70.00 – 74.28	QZMZ;	ALT- M/S. seri alt° grade incr.							
		70.35 – 71.80 ALT-S; green seri; ferromin, sericite rich, strong zone (see →)	71.70 – 71.40 shear zone, 30°CA. strong fissile development w/ fine grained py.	09912	70.70 – 71.52	0.82	795		
	72.79 – 72.93 ANDS, porph 35°CA		@ 71.35 bleached QZMZ w/ 10-15% fine grained py.						
74.28 – 76.55	ANDS, porph; mod-strong qz-cb stwk.	73.92 – 74.28 ALT-S; incr clay ALT- M bleached	UC - 30°CA. Py runs near U/L contacts. Rare between						
	74.90 – 75.16 QZMZ; ALT-M.								
		75.16 – 76.55 ALT-W, greener.	LC - 30°CA; bleached over 2cm w/ 5% py						
76.55 – 82.45	QZMZ	ALT-M, locally S, v. seri	@ 79.54 shear; qz-cb-seri 30-40°CA						
			@ LC, cataclastic shear plane; dk grey clay, 40°CA						
82.45 – 85.10	ANDS, porphy; pyritic; strong qz-cb stwk; sheared.	ALT-S, v. bleached, bright green, seri phenos.	Py 3-5%. 81.60 – 85.10 py ~10%, disseminated py stringers						
85.10 – 117.80	QZMZ	85.10 – 87.50 ALT-S, bleached, locally qz-flooded; seri rich & abund clay along fracs.	85.10 – 85.80 dk cataclastic(?) infill material - v. dk brown, fine grained clay						
		86.05 – 86.93 ALT-S/X; clay; vuggy							

CME

Hole No.: 97-49

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(QZMZ, conic)	@ 86.60 ALT. S; v. green ser. surrounding qz vn/lts.	@86.60 qz vn w/ fine dissem aspy needles, vnlts 5mm; 30-35% aspy, some fine py, irregular vns; also wk dissem py/aspy in immediate w/r.	09913	86.45 - 86.45	1.00	40		
				09914	86.45 - 86.65	0.20	0.96%		
				09915	86.65 - 87.50	0.85	15		
			@87.06 dissem py in QZMZ, v. fn 2 x 1cm area; 10% py						
			@87.30, shear planes ~ 20°CA, dark clay/ser;						
		91.04 - 91.49 v. green sericitized QZMZ	@90.97 anastomosing qz-cb vnlts 4mm						
		102.30 - 108.30 mod. strongly bleached w/ incr qz flooding and introduction of incr SX	103.05 - 103.56 (approx) 10-15% finely dissem py + aspy w/ alt'd QZMZ & qz flooding.						
	106.07 - 106.38 ANDS., ALT. S, bleached 3-5% py.		103.56 - 106.07 py 3-5% dissem.						
			106.38 - 106.88 py ~ 3-5%.						
			106.88 - 107.75 series of QZ-SX VNS w/ locally rich aspy in vn and also dissem aspy py in qz-flooded QZMZ.						
			@107 ~ 10cm zone of QZ-SX VN w 40% SX (aspy/py)						
			@107.15 qz flooding w/ aspy.						
			@107.57 qz vn w/ 10% aspy, most SX dissem in wall rock over 107.38 - 107.75; 15% aspy/py.						
		108.30 - 112.30 ALT - M, more typical "brown" weathered QZMZ							
		112.30 - 113.60 ALT. S	112.30 - 113.60 zone similar to above SX zones, qz flooding, bleached QZMZ; dissem SX of py & rarer aspy to 10%; esp near 112.30 where contacts w/ shear (40°CA)	Note: error in ASSAY DB SAMPLE B95272 interval should be 112.30 - 113.60. (drill hole TV:					
		113.60 - 116.75 ALT - M.							
		116.75 - 117.80 incr. bleaching & SX	116.75 - 117.60 SX; primarily py dissem from 3 - 10%; qz flooding and narrow (<5mm) qz vns	09916	116.25 - 117.04	0.79	20		
				09917	117.04 - 117.80	0.76	235		
		117.60 - 117.80 v. strong seri/clay, green no py	@117.40 py ~ 10% dissem, offset qz vns.						

CME

Hole No.: 97-49

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
117.80 - 122.42	RQFP, lt grey to v light tan and overall pale green hue. Dk grey glassy qz eye phenos; lagged fsp phenos, generally < 2mm size. Relatively homogenous & competent.	ALT-M; clay on contacts w/ fracs.	UC 40°CA, sharp. 117.80 - 119.30 pyritic 5% in discrete aggregates evenly distrn in dyke						
122.42 - 122.72	QZMZ, sheared w/ ½ of section (and ½ core) occupied by v. qz rich vn? w/ 5% ?; ex fn grained; may only be ck. shr; bx'd.	ALT-S.		09918 09919	121.62 - 122.42 122.42 - 122.72	0.80 0.30	<5 <5		
122.72 - 123.32	RQFP. as previous								
123.32 - 125.75	QZMZ, v. sheared, altd @125.37 v. narrow xlen RQFP dyke/sill.	ALT-S; abnd seri along fracs.	Py ≤ 1%	09920 09921 09922	122.72 - 123.32 123.32 - 124.66 124.66 - 125.75	0.60 1.34 1.09	5 <5 45		
125.75 - 131.70	RQFP; as previous	ALT-M	UC v. irregular, sheared and offsets Flow banding near LC ~ 45°CA @LC, irregular ~ 15-25°CA.	09923	125.75 - 126.57	0.82	10		
131.70 - 137.75	QZMZ 131.70 - 133.65 wk shearing.	ALT-S, seri rich, qz flooding	133.65 - 133.80 v. sheared/fault clay gouge; ⊥ to CA; wk bx'd QZMZ @ 133.75.	09924 09925	131.70 - 133.65 133.65 - 135.00	1.95 1.35	5 20		
		133.98 - 137.75 ALT-X	133.98 - 137.75 SHR-Z; docile fabric developed in QZMZ w/ local cataclastic shears - some milled/rolled QZMZ frags Sporadic 5% throughout SHR-Z; dominantly Py 5-20%, rare aspy (?) - ck grey metallic	09926	135.00 - 135.80	0.80	<5		
	@132.18 ANDS dyke w/ qz flooding and 5-10% distrn 5%.	137.45 - 137.75 v. bleached QZMZ, almost FELS; rare vf distrn cubic py.							

CME

Hole No.: 97-49

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
137.75 – 141.16	ANDS; porph; mod-strong qz eb stwk, local qz flooding and vnlg w/ assoc diffuse dissem Ex. 138.50 – 139.00 (approx) QZMZ, sheared; high ALT – S/X; py ~ 5%, qz vnlg. @ 140.70 10cm QZMZ frag	ALT – S w/ v. bleached; qz flooded and locally sulphidized	@138.40 qz vn flooding w/ py – aspy. @ 139.90 5x vnlts of aspy – 20%. 138.90 – 140.05 (approx) mylonite shear; dk clay/serr + 5x. @ 140.95 narrow wht qz vnlt ≤1mm w/ wide halo of aspy (1cm total width) – typical characteristic of high grade. ANDS dykes elsewhere – lower grade here – too high in system? – also well out of main zone.						
141.16 – 155.16	QZMZ, sheared, highly alt'd This unit is characterized by several narrow ANDS dykes, typically v. pyritic and locally sulphidized w/ py + aspy and minor qz-flooding. ANDS localities listed below.	ALT – S/X; locally v. clay rich + vuggy.							
	142.00 – 142.43 ANDS, porph. ——→	ALT – S ←——	new vn; high 5x content w/ qz vnlg; 5–10% aspy + py	09927	141.43 – 142.43	1.00	790		
	@ 143.45 ANDS dykelet – faulted, clay alt'd cross cutting qz vnlt w/ dissem aspy/py halo →	ALT S	142.23 – 142.43 shear/fault; QZMZ frag w/ clay alt'd /5x'd ANDS. @ 143.55 qz + aspy py "bleeding" into QZMZ from ANDS/SMR-7.	09928 09929	142.43 – 143.98 143.98 – 145.58	1.55 1.60	675 150		
		143.82 – 144.26 ALT – X	143.82 – 144.26 3X zone; QZMZ + ANDS; clay alt'd, highly sheared v. soft and crumbly Several qz-5x vn frags	09930 09931	145.58 – 146.98 146.98 – 148.60	1.40 1.62	195 855		
	144.68 – 144.84 ANDS dyke / sheared w/ 7–5% py + interlayered QZMZ, qz flooding	ALT – S							
	145.58 – 145.72 ANDS dykelet; v. irregular by ~ 3cm / 35°CA; 3% py.	ALT – S	@145.33 shear, clay alt'd ~ 30°CA. local qz-5x vn frags <5%						

CME

Hole No.: 97-49

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	145.72 - 146.09 intermixed, sheared QZMZ & ANDS fragments/remnants	147.00 - 155.14. ALT-X (QZMZ) @147.30 0.5 alt° (clay) in shearing.	@146.17 qz flooding w/ arpy ^3cm/3cm area; 5% aspy	09932	148.60 - 150.10	195			
			@147.62. fragments of wht qz vn w/ minor py + pass aspy along selv.	09933	150.10 - 151.60	20			
	149.30 - 149.58 ANDS (and minor QZMZ) qz-flooding in QZMZ & into ANDS, Pyritic 3-5%, fine dissem; assoc w/ qz vnts			09934	151.60 - 153.05	80			
			@149.55 fault/inter ANDS, 3% py.	09935	153.05 - 153.62	235			
	153.05 - 153.62 QZMZ & ANDS; Py + aspy common; esp in ANDS - up to 35-40% over narrow widths in qz vnlt halos. (153.12 - 153.56 ANDS unit)			09936	153.62 - 155.14	40			
	154.10 - 154.45 ANDS dyke (approx)								
			154.45 - 154.60 Fault, completely decomposed QZMZ.						
155.14 - 158.42	ROFP; tan to pale pink to green near contacts, glassy grey qz eyes; eu-subhedral qz phenos Flow banded	ALT-M; erratic Q contacts.	UC sheared/fractured						
		155.14 - 155.45 ALT-X; v. green ser; r.c.m. clay r.c.m	@ 157.0a flow banding @ 15-20°CA						
		158.35 - 158.42 ALT-X; ser green.							
159.42 - 159.93	QZMZ, highly sheared @ UC small wedge of ANDS	ALT-X; high clay alt°	UC 30°CA shears; w/ ANDS @ contact w/ 5-10% 3x (py dominant)		Note: Sample B195728 interval in DB core - should be 158.42 - 159.42; 1.00m				wrong when check against
159.93 - 170.63	ROFP; as described above. Fairly typical N. Marker type dyke.	159.93 - 161.40 ALT-S/M. greenish/blue colour to unit, abund clay in FLT-2.	160.59 - 161.27 FLT-2				Corrected		
		161.40 - 170.63 ALT. M/W	@LC, 30°CA; red alt° right @ contact unit in QZMZ						

CME

Hole No.: 97-49

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
170.63 – 175.76	QFMZ, highly sheared and altd breaks easily along shear planes / shear fabric. @171.24 narrow frag of ANDS – ALT-SX.	ALT-S.; strong clay/seri. Mod qz flooding.	Py ≤ 1%, generally dissem w/in py. @171.63 shear plane 30°CA. @172.33 irreg qz vn w/ dissem py, clay/seri selv, abund fn dissem py in immediate w/r. 174.72 – 175.22 MYLT/BX zone, dark seri/Sx matrix w/ qz frags at low angle to CA.						
175.76 – 192.15	RQFP; as previously described	ALT - variable. 175.76 – 176.48 green seri-rich contact zone (ALT-X), true width is only ~5cm. 176.48 – 177.44 internally sheared and altd ALT-S (?) 177.44 – 190.08 ALT-M; locally absnt seri in fine healed fracs; gross green alt? 190.08 – 191.11 ALT-S 191.11 – 192.15 ALT-Y; v. green seri/clay rich contact zone.	LC – 30°CA	09937	191.11 – 192.15	<5			
192.15 – 204.18	QFMZ; wk sheared. 195.25 – 195.35 ANDS, bleached, altd, porphy. 193.48 – 193.71 ANDS, bleached, altd, colour v. irreg contact w/ QFMZ (xenolithic)	ALT - S/M, general decr in altn, still seri, less to no clay in fracs.	@LC qz-rich w/ varing 5x: primarily py visible, poss grey wspy but no definitive. Py ≤ 1% through most of unit. @196.64 single acic aspy xtal in QFMZ @199.53 diffuse qz vn w/ fine dissm aspy & py over narrow width	09938 09939 09940 09941 09942 09943 09944 09945 09946 09947	192.15 – 192.45 192.45 – 194.00 194.00 – 195.50 195.50 – 197.00 197.00 – 198.50 198.50 – 199.34 199.34 – 199.80 199.80 – 201.30 201.30 – 202.80 202.80 – 204.18	240 25 <5 <5 5 <5 100 5 <5 15			

CME

Hole No.: 97-49

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
204.18 - 206.78	ANDS., wk porph; wk qz.-cb stkwk.	ALT - M/W med green, wk ser.	Py <<1%.	09948	204.19 - 205.44	1.26	15		
				09001	205.44 - 206.78	1.34	<5		
206.78 - 211.53	QZMZ; wk shearing	ALT - M/S.	Py ≤ 1%.						
211.53	END OF HOLE								
	NOTE - Hole may have been stopped too early.								

CME

Project name: SIKUKUM
Project # : CP56C
D.D. Hole #: 97-50
(Relog)

Length (m): 270.97m
Grid: UTM NAD 83
Dip: -70
Azimuth: 180
Core size: NQ

Contractor: CARON
Northing: 6672865.395
Easting: 484196.950
Collar Elev.: 947.

Hole survey type:
Started:
Completed:
Logged by: TV.
Date logged: 11/15/03 - 11/19/03

	Depth	Dip	Azimuth
Started:			
Completed:			
Re Logged by: TV.			
Date logged: 11/15/03 - 11/19/03			

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0.00 - 0.91	NO CORE / CASING								
0.91 - 31.80	QZMZ; med. grained equigranular; pale green when fresh; v. magnetic where fresh. Minor fault and/or diab xenos.	ALT - weak; fresh to propylitic to locally argillic (surrounding qz cb vns) and wk K-spar occasionally. NiO minor silicification / qz-flooding but usually seen in more altered phases. 3.70 - 4.13 propylitic @ 4.30 K-spar. @ 7.00 argil alt'n (seri) ~10cm wide around fract/qz flood. 14.40 - 19.50 ALT - W, propylitic 19.50 - 25.08 ALT - M, seri incl "brown-weathering" zone of core	Py ≤ 1%. @3.55 qz vn 2cm/65°CA. @5.04 qz-cb vn 5mm/80°CA. @10.75 qz vn, w/ smoking. 1cm/80°CA w/ cb along sel. @10.94 qz-cb vn, 5mm/25°CA w/ K-spar, chl and ser. alt'n @11.40. qz-cb vn 4mm/75°CA w/ 15cm grey alt'n halo. @16.45 qz vn, 2cm/60°CA w/ minor cb stringers LL, py along upper selvage. (<3%) @19.63 qz vn w/ cb upper selv. ~5mm/65°CA.						
22.67 - 23.62	RHYL; ALT-X; clay alt'n; w/ intrusive QZMZ frag - or v. lt green massive; qz eyes & fsp phenos. UC - 80°CA, LC - 70°CA		@23.21 chalcopyrite vein 3cm/60°CA						

CME

Hole No.: 97-50

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
		25.08 – 31.80 ALT - W/N; variably weak alt'n w/ rims of fracturebleached QPMZ.							
31.80 - 34.33	ANDS; med to dark green matrix w/ darker green phenos, wk qz-cb stkwk vnlts (tension gash)	ALT - W/N; quite fresh looking - hem common on frac sfcs; also wkly pervasive hem alt'n of ANDS	V. rare py (<<1%) UC broken. LC sheared 70°CA						
34.33 - 36.87	QZMZ; as previously described; typical hanging/footwall alt'n and texture.	ALT - M/W - typical "brown weathering" limonite coating.	@34.78 qz-cb vnlts w/ minor ANDS; 1cm/25°CA						
	@36.10 ~.7cm wedge of ANDS; highly fract'd w/ infill qz-cb.								
36.87 - 37.72	ANDS; purple.	ALT - W; UC bleached over 5cm hem alt'n on fracs.	UC 60°CA LC 20°CA						
37.72 - 43.24	QZMZ.	ALT - variable. 37.72 - 38.62 ALT - W 38.62 - 41.26 ALT - M 41.26 - 43.24 ALT - W; propylitic	Py < 1%. @39.11 qz-cb vn ~1cm/25°CA; rare py.						
43.24 - 47.08	ANDS, purple.	43.24 - 43.45 ALT - M, bleached zone @ contact 43.45 - 46.84 ALT - W, med green hem alt'n common; wk qz-cb stkwk. 46.84 - 47.08 ALT - M, bleached contact zone.	43.24 - 43.45 py ~2%, patchy aggregates to v. fn grained @45.19 cb-qz vn ~1.5cm/40°CA w/ wg alt'n halo; phenos in ANDS bright green. LC sheared 30°CA						
47.08 - 61.70	QZMZ	ALT - W, - wk bl pervasive K-spar alt'n	54.09 - 54.29 wg alt'n around several cb-qz vnlts.						

CME

Hole No.: 97-50

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(QZMZ, variable)	58.00 - 58.31 ALT - M, - altd halo around 2 qz-cb valls ——→ 58.31 - 61.70 ALT - N, - fresh looking, local wk propylitic, but still v magnetic	@55.05 qz-cb vnlt, 5mm/70°CA w/ 3cm wg. altd halo @58.11, 58.22 qz cb valls, 4-5mm 70-80°CA.						
61.70 - 64.34	ANDS; porph.; v wk qz-cb stwk.	ALT - W; wk bleaching through unit - pale greenish grey, phenos still dk green; - no strong seri alt'n yet.	Py 1-2%; ~ 2-3% near upper contact; decr to 1% down hole; disem cubic and aggregates						
64.34 - 81.03	QZMZ, variable grain size	64.34 - 65.95 ALT - W; K-spar 65.95 - 67.50 ALT - W/M, incr K-spar and propylitic, QZMZ texture fresh 67.50 - 68.30 ALT - M; sericitic, bleaching and increased qz 68.30 - 78.50 ALT - W, though highly variable; from local zones of fresh to moderately altd zones of sericite 78.50 ALT - M, strong propylitic w/ incr sericitic altn	Pyrr Py 5.1%						
	78.74 - 78.94 ANDS, highly bleached and fract (ALT - S); fracs infilled w/ dk clay?, poss hem; bright green seri phenos		67.30 - 68.30 long low angle to CA frac - sericitic altn may be halo around this fracture 674.55 low angle frac - hematite in FLT. - broken rock ~ 10cm.						
		78.94 - 81.03 Bleached and locally completely qz fissure or silicic replaced - no QZMZ texture rec from 79.45 - 81.03. Bounded by shear/frac and ANDS	78.94 - 79.45 Py - 3%. 79.45 Frac/shear; clay altn on sfc 50°CA 79.45 - 79.80 - v. vitreous to glassy, silt replaced w/ v. fn disem cubic py 1-2%. @ 79.80 another frac/shear w/ yellow altn clay 80.47 - 81.03 low angle frac (~ 5°CA) with silica flooding along it and highly bleached QZMZ wkr.						

Hole No.: 97-50

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
81.03 - 85.55	ANDS, bleached & alt'd	ALT - M ; olive coloured due to bleaching, phenos are variably sericitized (W - S)	Py ≤ 2%; generally higher near contacts where bleaching/alt'n is strongest.						
	~81.45 ANDS highly fract'd to brec w/ fine infill & healing by seri (green)		@ 83.20 (approx) qz-cb - 5% veins w/ dk clay ± 5% matrix surrounding sheared phenos; v. fine dissem sfds at ~5%						
85.55 - 86.40	QZMZ, wk-mod shearing.	ALT-S ; incr clay occurrence esp on fracs and also core locally pitted or rough where clay is now absent	Py rare ≤ 1%.						
		Bleached and qz-flooded (mod) Pink stronger green seri alt'n							
86.40 - 89.35	ANDS; qz-cb stwk much stronger - increased shear regime in this area, also short discontinuous tension gash qz-cb infills, wkly aligned close to CA.	ALT-W ; locally M.	Py ~ 2%.						
89.35 - 102.30	QZMZ, more competent than previous unit, less indication of internal shearing	ALT - M/S ; sericitic.	UC sheared, 3°CA						
			@92.50 cb vn, irreg; ~ 70° CA.						
			93.00 - 95.80 SHR.Z ; qz-flooded w/ strong shearing, numerous dk cataclastic shears/anastomose 2mm/s minor qz vns ; fabric dominant 25°CA.	09002	95.80 - 97.20				
		97.2 - 98.15 strong bleaching	@97.46. qz-5% vn. ~ 1cm/ 5-10°CA w/ massive sx w/ wht qz.						
			@97.85 qz-5% vn, wht cloudy qz; ~3cm/ 30°CA.						
			Dissem 5% in QZMZ to end. 3-5% (to 99.96). py	09003	98.15 - 99.38				
			@99.32 narrow vein w/ dissem py.	09004	99.38 - 100.66				
			@99.63 qz-cb vn w/ py, 1cm/35°CA w/ thin ANDS stringer.						

CME

Hole No.: 97-50

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(QZMZ, cont'd)		@ 99.82 qz-sx vn, pinches out, up to 2cm w/ abund aspy/py dissem in w/r (up to 10%) - yellow alt'n mineral common (AS-ox?) ~40°CA.	09005	100.66 - 102.30				
			@ 101.49 qz-cb vn: barren 5mm/25°CA w/in prop'l ser alt'd QZMZ w/ 5% dissem py.						
102.30 - 104.71	ANDS, prpby; mod qz-cb stwk.	Upper lower contacts bleached & pyritic; sheared; rest is ALT M/W. (med green; dk green phenos)	@ UC 70°CA; py = 5-10%.	09006	102.30 - 103.66	15			
			103.35 - 103.48 qz-flooded w/ sulphidation in ANDS; 25-30% dissem aspy & py; vnlts/stkwk directly 45°CA 4cm f.w.; also cb in qz vnlt.	09007	103.66 - 104.71	10			
104.71 - 106.23	QZMZ;	ALT - M/S	UC broken	09008	104.71 - 106.23	375			
			105.98 - 106.23 10% dissem py in QZMZ.						
			@ 106.23, contact is sheared qz VN 2.5-3cm/30°CA; w/ dissem py & aspy ~20%.						
106.23 - 108.47	ANDS, as previous;	ALT - M;	UC (VN described above); py - 1%	09009	106.23 - 107.62	45			
				09010	107.62 - 108.47	15			
			LC, sheared; ~20-30°CA; abund cb-qz.						
108.47 - 137.75	QZMZ,	ALT - M; v bleached; strong green ser alt'n @ UC. (ALT - S)	108.47 - 109.12 10-15% dissem py ± aspy in QZMZ; contact zone qz flooded;	09011	108.47 - 109.12	2.06 g/t			
			109.12 → dissem sx decr. to 5-1%.	09012	109.12 - 110.64	25			
			@ 114.94 qz VNlt, wvy, 5mm/60°CA						

CME

Hole No.: 97-50

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
				09013	113.94 – 115.40	1.46	95		
	(QFMZ, cont'd)		@115.60 qz-sx vning, and abundant qz flooding through QFMZ fine-grained sx assoc w/ flooding 15% py ± aspy.	09014	115.85 – 116.85	1.00	115		
			115.60 – 115.95 disem py 15%.						
		128.76 – 129.24 ALT-S; strong ser + clay	@129.70 qz bx.						
			@129.95 10cm zone of disem py (5%) in QFMZ						
	132.99 – 133.73 ANDS; ALT-M strong qz-cb alt^{n}; mod bleaching; hem, ser.								
		135.30 – 137.55 ALT-S; strong argillic/sericitic alt^{n}; green grey QFMZ; incr qz vns/flooding bleached to w. pink.	135.30 – 137.55, 3-5% disem py ± aspy.						
137.75 – 139.85	RQFP, tan to soft coloured matrix w slight lim-alt'd fsp o glassy grey qz eyes	137.75 – 138.38 ALT-W/M	Py ≤ 1%.						
		138.38 – 139.85 ALT-M/S; incr clay along fracs.	139.40 – 139.75 minor hairline sx veins	09015	137.75 – 138.38	0.63	15		
			UC – 30°CA, LC – 40°CA	09016	138.38 – 139.85	1.47	30		
139.85 – 146.86	QFMZ;	ALT-M/S; variable grade of ser alt^{n}; generally wk-mod bleaching	Py ≤ 1%.						
			139.85 – 140.00; showed UC w/ qz vn/+ sx., yellow alt^{n} mineral, clay, ser – qz is cloudy to clear grey w/ 5-15% sx of py ± aspy.	09017	139.85 – 140.25	0.40	2.12%		
				09018	140.25 – 141.25	1.00	25		
146.86 – 151.40.	ANDS; mod green. w/ dk green phenos; locally alt'd, esp around qz-cb vn/vnlts Mod – strong qz-cb stwk.	ALT-W/M;	UC 60°CA narrow 3cm bleached uc.						
			Py 1-2%.						
	147.62 – 148.04 QFMZ zone, several narrow alternating zones of QFMZ/ANDS – gradable interfingering of erratic ANDS dyking								
			@148.74 shear w/ qz-cb vning. 1cm/30°CA; other similar shears @ 149.10 and 149.40.						
		149.40 incr hem alt^{n} on fracs o in qz-cb vnlts – wk pervasive hem alt^{n} of ANDS proper.	LC – 60°CA						

CME

Hole No.: 97-50

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
151.40 – 153.98	OZMZ; slightly atypical of other OZMZ w/ incr. chl after hbl(?); strong texturally (chl mod-grained); ANDS xenos.	ALT-M; incr. chl/ser; more dk green alt^{n} of mafics present	Py rare $\leq 1\%$.						
			@ LC patchy aniem py.						
153.98 – 154.70	ANDS; v. green; dk green phenos; mod-wk qz-cb stkwk.	ALT-W.	Slightly irreg UC & LC; intrusive w/ qz cb vning @ contacts. UC – 35°CA; LC ~ 50°CA						
	@ 154.42 OZMZ "dyke" 3cm/30°CA; ALT-W; slight K-spar alt^{n}.								
154.70 – 156.50	OZMZ; as @ 151.40 – 153.98	ALT-M/W; slight incr in ser; alt^{n}; still w/ abund chl after hbl(?) K-spar alt^{n} pervasive							
		@ 156.44 qz vn or fault 1cm/50°CA w/ chl/ser.							
156.50 – 166.01	ANDS; as previous strong to locally intense qz-cb stkwk.	ALT-W/M. Incr hem on fears and pervasive hem alt^{n} through core.	UC ~ 50°; intrusive Py 1–2%; disseminated; minor patches @ 157.07 qz vn; v. irreg qz, greenish, almost chalcedonic. 3cm/35°CA Strong tension gash qz-cb infill stkwk.						
	157.70 – 158.30 (approx) Fault/fz broken OZMZ xeno(?).								
		165.09 – 166.01 bleached ANDS. ALT-M.	UC sheared and faulted; abund clay. 20°CA						
166.01 – 172.96	OZMZ; typical alt'd OZMZ seen elsewhere in hangingwall/fw wall	166.01 – 167.80 ALT-S; abund clay on fears in FLT-Z	166.01 – 167.80 FLT-Z						
			@ 166.60 major fault/shear plane – gouge, ~20°CA.						
			@ 170.39 qz vn/fz; v. fn grained qz, slightly greenish – due to ser.; 75°CA						
172.96 – 174.90	ANDS, mod qz-cb stkwk – less common in vn/fz.	172.96 – 173.08 ALT-M, bleached UC. 173.08 – 174.70 ALT-W	Py $\leq 1\%$.						

CME

Hole No.: 97-50

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(ANDS, cont'd)	174.70 - 174.90 ALT-M, bleached	LC v. low angle (~5°CA), sheared and offset w/ small ANDS wedge below in QZMZ. @174.80-174.90 incr. Py to 2% in patches and veins.						
174.90 - 199.35	QZMZ; as previous., mod to strong shearing	ALT-S; increased clay/ser; alt°, rock locally "pitted" due to loss of clay minerals. Highly bleached; esp. in FLT-2. 181.25 - 187.50 ALT-X; high clay content + ser, through MYLT zones and strong shearing	176.25 - 181.25 core increasing frac'd FLT-2. 181.25 - 187.15 strong shearing w/ numerous cataclasite shear zones, wk brecciation w/ entrained QZMZ frags; dk grey ser/clay matrix						
	182.15 - 187.85 MYLT/SHR-Z = abund dk grey matrix of clay/ser w/ variable sized QZMZ frags ~60/40 matrix to frags; Rolled + milled frags; Fabric ~30°CA.	← ALT-X.	← Py 3-5%; fine bisem						
			187.85 - 187.50 strongly sheared QZMZ, less clay/ser matrix; ductile shearing of QZMZ. 124.95 - 185.55 numerous shear / cataclasites w/ entrained QZMZ frags; generally narrow <1cm local incr. py strs. to 1-3%.						
	188.85 - 189.10 ANDS xeno; LC ~40°CA @ 188.95 zone/patch of 10% py (over 2cm) LC v. irreg., diffuse / intermingled w/ QZMZ.	187.50 - 199.35 ALT-S; locally ALT-X (see below)	@184.55 sheared QZMZ w/ 15-20% bisem py=>py over ~10cm. 189.10 → local aggregates or short stringers of py - overall ≤ 1%						
		192.35 - 193.25 intense qz flooding and bleaching ALT-X 193.25 - 194.60, still bleached, ALT-X less qz flooding; local aggregates of py.	@199.10 shear / fault w/ gouge 30-35°CA.						
199.35 - 207.00	ANDS, purple; mod-strong qz-ø stwk, locally intense tension fill, oriented sub-ll to CA. 199.80 - 200.17 QZMZ xeno	ALT-M/S, bleached, sericitization of dk green ø pinenites.	UC; irreg, intrusive ~20°CA						

CME

Hole No.: 97-50

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(AnDS, cont'd)								
202.00 – 270.97	QZMZ, sheeted and altd:	ALT – X/S, highly bleached. V serricitic; mod qz flooding	Py variable; generally 1-3%.						
			@205.73 minor aspy-qz vnlts; ASPY on SELV and dissem in QZMZ ~3-4cm zone 15-20% aspy. [Note: despite narrow interval appears to be only source of gold mineralization w/in sample. 4cm over 150cm sample] Minor dissem aspy needles up to 2mm. Py up to 3%.						
			@208.65 qz-cb flooding.						
			@209.50 qz vn 2cm/65°CA; 5-10% sx dissem in w/r; vn itself is mass w/ a barren; 80°CA.						
			@209.65 qz flooding w/ 15% dissem py-aspy.						
			@210.40 qz vn, similar to previous, barren w/ an 1.5cm/85°CA wy abund dissem sx (py+aspy) in alt'd wall rock around vn.						
			212.00-217.70 abund dissem py + aspy 25-30% in QFPZ; qz flooded.						
		213.05-214.35 ALT-X, v. clay alt'd; faulted; py dissem, patchy; ~ 3-5%	212.60-212.80 as above. 15-25% dissem sx						
			214.35-214.85 sheeted mass wkt qz-sx vns, highly disrupted and boudinaged w/ 15-25% dissem aspy + py in vnlts and grain boundary dissem in QZMZ.						
			214.85-216.40 fissile shearing w/ multiple cataclastic shears; locally lt'd, milled QZMZ.						
		218.40-218.80 qz flooding; w/ clay + serricite where fract'd / bx'd	217.55-218.18 argill'c fault zone, v. fissile clay altd rocks						
			220.75-221.15 v. fissile, cataclastic zones; abund clay/fault matrix.						

Hole No.: 97-50

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(QFMZ, cont'd)		@227.00 narrow calcitic shear plane						
	226.20 → decr showing in QFMZ still highly alt'd and bleached w/ qz flooding		@229.80 qz vnlt 5mm/90°CA w/ alt halo w/ 5% Py						
			@232.63 qz vn; wht massive barren ~1cm/75°CA						
	@235.80 ANDS xcpd								
			238.15-238.95 alt zone w/ incr. diskm py ± aspy	09019	237.43 - 238.15	0.72	30		
			@238.83 qz vnlt; wht mass. 3-5mm irreg orientation	09020	238.95 - 240.49	1.54	420		
			@240.80 qz vn 8mm/60°CA, diffuse contacts; strong arg alt halo	09021	240.49 - 242.01	1.52	2.01 SH		
			@240.96 qz vn; irreg ~ 1.5cm/60°CA w/ diskm py in vn.	09022	242.01 - 243.54	1.53	25		
			@241.03 shear 25°CA w/ yellow alt (As?)						
			@241.70 diskm aspy ± py w/ minor qz vnlts, yellow alt						
		244.53-244.81 silt-seri flooded, arg alt halo around narrow seri shear.	242.01-242.70 narrow offset sx vnlt. @244.19 qz vnlt 5mm/85°CA.						
			@247.73 qz vn. <7mm/40°CA, but discontinuous						
			@252.34 irreg mass wht qz vn; ~1.5cm.						
			@253.50 calcedony vn?, irreg, flooded thru core.						
		256.00 – 261.00 qz flooding. Numerous narrow (<5mm) wht qz vns, irregularly bleeding through core.	@256.70 pale bleached QFMZ w/ 10-15% diskm py over 10 cm.	09023	256.22 - 257.25	1.03	515		
			@259.28 numerous dk clay/seri shear bands over 10 cm 25°CA	09024	257.25 - 258.78	1.52	110		
				09025	258.78 - 260.30	1.52	80		

Hole No.: 97-50

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(QZMZ, cont'd)	259.30 → alt^n clear slightly, still strong	@259.98 chalcedony (?) vn, infilling / replacing core; olive green, sucrosic texture.						
			@260.18 qz vn, irreg, ~ 1cm/ 80°CA.						
			262.00 – 267.50 series of narrow (<2mm) qz vnlts, oriented near ll to CA w/ coarse disseminated Sfd (metallic blue-grey)						
		263.20 → ALT – M/S, less seri, v. rare chlty.							
		@270.05 qz flooding							
270.97	END OF HOLE								

CME

G97-52

Project name: GG
Project #: OP56D
D.D. Hole #: G97-52

Length (m): 325.83
Grid: UTM NAD 83
Dip: -60
Azimuth: 180
Core size: NQ

Contractor:
Northing: 6672910.444
Easting: 484080.685
Collar Elev.: 964.00

Hole survey type:
Started:
Completed:
Logged by: BCW
Date logged:

Depth	Dip	Azimuth

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0 — 1.68.	OFPP Greenish GY. some is Flow Banded. QZ Eyes limited PF +.	MS-M							
1.68 — 14.13	QZMZ PRPY ALT-M. Mafics gone HE-O results. PF-> MS, HF partial. LT BRN w appearance from HI dusting on feldspars. v infrequent QZ VLT barren except near DYK below. PY present final 3.0 ~~mm~~ 1-2% - 0.5% rare.	MS-M	PY-L						
14.13 — 16.84	RHYL PRPY. ALT X-M olive to apple GRN. olive is massive MS on shear planes. Altered Apple green less altered flow banded RHYL w high density are w Rd, smaller are w Rd, eroded.	MS-X							

CME

G97-52

Hole No.: _____

Scale	From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	16.84 20.72.	QZMZ ALT - H. LT BRN W appearance from LI dusting on feldspars mafics gone. HE - L; PY 1-1.5%. FRC density-L QZ VLT absent. Top is sheared - dk colored MS bands. silicified near DYK	MS-H. QZ	PY 1%.						
	20.72 - 21.15	RHYL ALT - Y sheared. Apple GRN PPRY from MS. QZ VLTS & flood w black SX pods & bands.	MS - X	PY 4%						
	21.5 - 22.75	QZMZ ALT MS-H. BRNW appearance - LI HE - L. PF - MS. mafics gone. PY 4% - D silicified near DYKS	MS-H. QZ	PY 4%						
	22.75 - 25.99	RHYL ALT - X PPRY flow banded RHYL GRN color. SHR Apple at Top sub // to ca. QZ + MS +cy. Laddered 1mm effects in QZ Plastic curvilinear plane Dense micro FRC below filled by KF	MS - X	PY - N	9954	22.75 - 24.07	1.32	5	0.2	
	25.99 - 35.24	QZMZ ALT - H PPRY LT BRN W appearance. from LI dust on feldspars	MS - H.							

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From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	silicified DMGZ at Top Pyritic. Below PY-N NE - 40% D. FRC density L, QZ filled 1-2 mm with no ENV. PY near BTM CNT occurs at former mafic sites.								
35.24-35.4	QZV White QZ cut by GY QZ + minimized ANDS. Banded	QZ	PY 2% MS - 0.3%	9955	34.89-35.65	365	0.7		
35.4-36.86	ANDS PPRY. ALT - M PF K altered to MS. Mafics to CL. PY-L. Bleached, silicified near both CNTS Pyritic. FRC density L, QZ filled, barren.	MS CL QZ							
36.86-37.1	QZVZ 45° ca. selvages ANDS flanked by banded QZ-GY cuts white. PY-1% D & clusters TR AS-D.			9956	36.42-37.3	71000 1.069/ft	30		
37.1-38.44	QZMZ ALT MS-M PY near QZVZ 2-3%-D.	MS-M.							
38.44-39.0	ANDS PPRY. MS-M PF K gone to MS. PY at	MS-M.							

G 97-52

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	lower CNT. silicified - wk								
39.0 40.41	QzMz ALT H. PF + MS KF partial. silica addition matics gone. some sections abundant HE. FRC density - L. QzVLT 3mm rare.	MS - H. Qz	Py - L.						
40.41 - 42.49	ANDS PPRY ALT - H Groundmass → MS. PF K → CL dk soft K. DK GRN color. Py near CNTS only. Bleached of CNTS and VLTS < 7 cm.	MS - H CL - H.	Py - L						
42.49 - 42.80	QzMz ALT MS - M KF alt. Pink color. late MG present. some HE. D after matics. Py - N	MS - M KF - M	Py - N						
42.80 - 44.05	ANDS PPRY ALT Groundmass → MS. PF K → CL. DK soft K. DK GRN color. QzVLT rare w bleach ENV. Py rare	MS - H CL - H.	Py - N						
44.05 47.3	QzMz PPRY ALT - M K ghosted edges. PF → MS KF partial Matics → CL + HE MG present. FRC density - L. QzVLT x 1 @ 3cm	MS - M CL - M.							

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From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	has bleach ENV where mafics gone to HE-D & LT BRN w appearance otherwise MG present.		PY-N						
47.3 – 47.75	ANDS ALT-M. MS-M CL-M. PPRY. K PFs some gone to CL. PY-N	MS: M CL-M	PY-N						
47.75 53.29	QZMZ ALT-M. MS-M. PF gone to MS. KF partial. Mafics to CL & HE-D PY-N. FRC density-L Pinkish color.	MS-M	PY-N						
53.29 – 54.65	ANDS PPRY ALT-M MS & CL. CL alt PFs KF. and in matrix mafics FRC density L. Lower cnt bleached 45° CA.	MS-M CL-M.							
54.65 61.7	QZMZ ALT-M Bleached. Matic alt incomplete. Has CL and HE-D. Pinkish color.	MS-M							

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From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
61.7 – 62.77	LT BRN W appearance from LI dusting to Feldspars. FRC density -L. KFEQZ as fills weak bleach ENV. PPRY. ANDS. ALT-m MS. CL. FRC density -M. very brittle failures. Mica, subMca. Bleaching assoc. QZ Fill. PY-N PPRY.	MS-M CL-M.							
62.77 – 65.24	QZMZ PPRY ALT-M Bleached w ENV about FRC more intense bleaching. MG present. matics to CL & partial HE.	MS-M							
65.24 – 65.27	FLT 30° ca. milled, CY MS ALT. Brittle.	MS-M.							
65.27 – 70.74	QZMZ ALT-m. PPRY Bleached with loss of matics partial to HE-D. Pinkish color. Faint LT BRN W appearance w LI dusting on feldspars MG absent. HE-D.	MS-M							

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From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
70.74-70.81	FLT. 45°ca. Brittle w CY ALT. Ground, milled QZMZ at CNT.	CY - M	PY - N						
70.81-72.2	ANDS PPRY. ALT - M FRC density - L. QZ Fill. PY - N	MS - M CL - M	PY - N						
72.2-72.58	QZMZ PPRY. ALT - M Bleached.								
72.58-73.95	ANDS PPRY - ALT - M DK GRN CL ALT to PF Kband matrix FRC density - M. QZ fill BTM CNT QZ VLT BRXX and milled RX. 30°ca	MS - M CL - M.	PY - N						
73.95-85.84	QZMZ PPRY ALT - M. PF gone to MS KF partial matics to HE-D. Faint LI dusting on feldspars gives LT BRN w appearance. FRC density - L. Qz Fill PY - N MG - N. Bleached	MS - M.	PY - N						

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From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
85.84-85.94	ANDS PPRY ALT-M. Bleached, silicified.	QZ-M.							
85.94-87.21	QZMZ ALT-M. Bleached.	MS-M.	PY-N						
87.21-87.28	ANDS PPRY Bleached, silicified	QZ-M							
87.28-90.32	QZMZ PPRY ALT-M. PF gone to MS. HF partial Mafics gone. Remnant HE-D-L. FRC density -L. LT BRN w appearance w LI dusting on feldspars QZ additions.	MS-M.	PY-N						
90.32-90.52	QZMZ PPRY ALT M mafics present, MS present Dark color in contrast.	MS-M.							
90.52-92.50	QZMZ PPRY ALT-M. Bleached LI dusting on feldspars gives LT BRN w appearance. PY-N FRC density-L. QZ fill.	MS-M.	PY-N						

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From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
92.5 - 93.44	QZMZ ALT-H. KF ALT QZ overprinting MS ALT-H. 0.2m missing Core. upper section ±QZ & 3% Py. lower - N. QZ & KF structural control subtle.	MS-H. QZ-H KF-L.	Py-L						
93.44 - 93.9	QZMZ PPRY ALT-N. MS after PF and partial KF. Mafics gone. HG-D-L	MS-H	Py-N	9957	92.5-93.52	1.02	5	0.2	
93.9 - 95.2	Banded mylonitic QZMZ ALT. MS-H silicified at TOP - N silicified near MYLN bands KF FRC ENV x1. MYLN bands OK MS entrained frags Rd to pebble size. Py vfg in bands absent outside.	MS-M. QZ M. KF-L.	Py-L	9958	93.52-95.2	1.68	100	0.2	
95.2 - 97.82	QZMZ ALT. M. PF to MS KF to MS partial	MS-H.							

G 97-52

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	mafics gone. HE-D rare. Py rare.	MS-H.	Py-L						
97.82-100.7	SHR & FLT Z. Brittle milled intervals QzMz. sheared DK MS MYLN bands Pyritic. Silicified intervals LT BRN w appearance to more sheared intervals. 45° & 60°ca preferred.	Qz-M MS-X.	Py-L.	9959	97.82-98.88	1.06	5	0.2	
				9960	98.88-100.7	1.82	5	0.2	
100.7 104.88	QzMz ALT-H Red BRN w appearance w Hd LI marking x+l edges - HE Stain. HE-D-L Py occurs P toward BTM. Broken-fine reflecting Fec density-M. Weak milling near Top.	MS-H.		9961	102.88-104.88	2.0m	5	0.2	
104.88-107.0	RHYL. ALT-H. MS. QFPP Qz eyes. Feldspar K marked by red HE stain resulting in BRN speckled pale GRN. RX. Py-D 1%.	MS-H. HE.	Py-1%.	9962	104.88-107.0	2.12	95	0.2	

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From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	lower CNT 30°ca. FRC density - L. MS fabric planes and MS marks some flow bands.								
107.0 - 127.48	QZMZ PPRY. ALT - M. Bleached. PF to MS HF to MS partial but increases DWN. matics gone to HE-D, ghosted sites. PY - N. FRC density - L. micro FRC also L! LT BRN W appearance w. LI dust on spars & in traces of micro FRC.	MS - M.	PY - N						
127.48 - 127.62	SHR Z GKN MS shear plane 35°ca CB-N. FRCs Broken core.								
127.62 - 128.54	QZMZ ALT-M MS-M. Bleached HE-D	MS - M	PY - N						
128.54 - 128.62	QZV wh QZ w SX clusters. PY, SL, SB.		PY - 1% SL SB.						
128.62 - 134.96	QZMZ PPRY ALT - M MS-M. Py only near Top.	MS - M.							

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From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	Bleached. Near absence of LI dust. HE-D after MS developed in FRC & Fabric planes. Possibly some pervasive KF ALT?								
134.96 - 135.32	SHR. ductile slip w. GRN MS band & micro FRC & CY ALT 60° ca. CB-L.	CY-H.	PY-N						
135.32 - 138.62	QZMZ PRPY ALT - H grad to X at BTM. PY-TR. MS defined slip planes. FRC density -H. microFRC same.	MS-H.	PY-TR.						
138.62 - 139.4	MYLNZ. ALT - X MS-X, QZ-X. QZ breccia blocks pebbles and milked QZMZ entrained in BLK MS bands. QZ floods irreg QZ VNTS.	MS-X QZ-X							
139.75 - 144.96	QEPP RHYL ALT-N. FRC density-L. micro QZ BX in 2 FRC. PY & QZ frags assoc hairlines. Pale GRNGY. PY 1% -D	MS-N.	PY-1%						

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From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
144.96 – 145.13	FLT Milled RHYL w CY ALT.	cy overprint MS	Py – L.	9963	139.75 – 140.3	0.55			
145.13 – 146.0	DMGE ... X RHYL & QZMZ CNT RHYL matrix to intruded stoped QZMZ ALT – X shearing Py – L.	MS – X CY – Y		9964 9965	140.68 – 141.83 141.83 – 144.43	1.15 2.6			
146.0 – 146.7	QZMZ ALT – Y mafics Gone HB gone. Py 1% CyAlt – W.	MS – X	Py 1%						
146.7 – 146.70	MYLN BLK MS bands mark CNT & SHR plane entrained QZ, QZMZ, RHYL								
146.7 – 146.9	ANDS ALT – X. MS olive GRN. chloritic K Tension Gash fill – Qz	MS – X	Py – L						
146.9 – 147.5	RHYL ALT – X MS alt matrix, MS Beams, GRN, MS hairline fill. Fracdensity – M.	MS – X							
147.5 – 148.5	QZMZ ALT – X MS – Y CY periodic. FRC subII ca. Py – 1% – D includes 2 narrow ANDS	MS – Y CY.	Py – 1%						

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From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	DYK totaling 0.14m 1.5cm offset in DYK noted.								
148.5-149.84	FLT. sub //ec. Ground milled CY ALT QZMZ W RHYL intruding. CB-Hi & Ductile.	CY-X PY-N.							
149.84-151.5'	QZ Silicified QZMZ intensity varied bnf dm X. irreg seams GRN MS. PY-D 1%	QZ-X	PY-1%.						
151.5-155.24	QZMZ ALT-Y MS-X QZ ALT-GRN FRC density-M. MS seams most FRC.	MS-X QZ	PY 2%.						
153.24-155.75	QZMZ ALT-X CY overprints MS. shearing PY-L	CY-X MS-X	PY-L.						
155.75-157.0	QZMZ PPRY ALT-H. PF to MS. KF to MS most. HE-D rare PY-D 1%. LT BRN W appearance w LI dusting feldspars. Weathered most DOX LI DK Red BRN W appearance.	MS-H.							

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From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
157.0 - 158.6	FLT Z QZMZ Ground, Broken core CY ALT in slip planes. PY - L.			9966	157.0 - 158.19	1.19	35	0.2	
158.6 - 159.2	QZMZ ALT - X PY 4% vfg	MS - X	PY - 4%.						
159.2 - 159.93	ANDS Rusty oxidized Broken core, G.	S							
159.93 - 160.3	QZMZ ALT MS - X rusty, broken, ground core. 1.5 cm QZ VLT at BTM CNT. PY in VLT PY - L	S MS - X	PY - L.						
160.3 - 161.59	ANDS PPRY. ALT - H. MS & CL ALT to PF K. PY 0 - 4% variable	MS - X CL.	PY - L.						
161.59 - 166.0	QZMZ ALT - X MS - Y local CY ALT in FRAC PY 4% - 0.5% friable.	MS - X	PY - 2%.						
166.0 - 170.0	ANDS PPRY. MS ALT - H. CL ALT to PF K. QZ flood & Gash fill. LT dusting of matrix feldspars. LT BRN.	MS - H. CL QZ - H.	PY - L	9967	168.66 - 169.95	1.29	10	0.2	

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From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
170.0 - 171.0	QZMZ ALT-X MS-X local CY on FRC. PY 4%	MS-X	PY-4%						
171.0 - 171.78	SHR z. QZMZ intruded by late pale ANDS CY rich ductile SHR STWK in ANDS QZ fill G. PY-clusters -L	MS-X CY-H.	PY-L.						
171.78 - 177.0	QZMZ ALT-H. MS PF to MS. KF to MS almost complete. HE-D -L. Orangy BRN W appearance due to LI dusting	MS-H	PY-L						
177.0 - 177.65	ANDS. ALT-H. MS & CL. PY-L Gash tension filled by QZ. inclusion QZMZ	MS-H. CL.	PY-L.						
177.65 - 182.62	QZMZ ALT-H PF to MS. KF to MS partial Orangy BRN W appearance in LI dusting on spars PY 4%-D. HE-L	MS-H	PY-4%	9968	176.52-178.5	1.98	10	0.2	
				9969	178.5-180.5	2.0	5	0.2	
				9970	180.5-182.84	2.34	5	0.2	

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From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
182.62 - 182.73	ANDS ALT-H. PY-N	MS-X	PY-N						
182.73 - 190.25	QZMZ. ALT-H. PF to MS. KF partial. PY 4% qvnl DNN to 0.5% HE-D increase DWN-D.	MS-H.		9971	185.62-187.6	1.98	15	0.2	
				9972	187.6-189.6	2.0	5	0.2	
				9973	189.6-191.6	2.0	5	0.2	
				9974	191.6-193.91	2.31	505	0.2	
190.25 - 191.6	FLT Z multiple brittle failure planes in QZMZ ALT-X. milled & CY ALT planes & narrow ENV PY-L. LIduct LT BRN w appearance. 30°, 60° ca	MS-X CY-L							
191.6 - 194.1	QZMZ ALT-H. MS PF to MS. KF partial. silicified ENV on FRC. DK narrow bands MS mark FRC PY-L, orange BRN LI dust on spars w appearance.	MS-H.	PY-L						
194.1 - 192.5	FLT Z in QZMZ ALT-Y CY alt areas, BLK MY-N bands narrow PY-L friable.	MS-X CY							

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From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
196.5 - 196.82	ANDS. ALT - H MS PPRY. PF K to MS groundmass to MS.	MS-H KF-M	PY-N						
196.82 204.12	QZMZ ALT-X MS sections KF overprint sections with rhombs texture. PF to MS PY-L. HE-L-D.		PY-L						
204.12 205.42	ANDS PPRY. ALT - H groundmass to MS. PF K to MS. PY-N	MS-H.	PY-N.						
205.42 214.32	QZMZ ALT-H MS PF to MS. KF partial. KF ALT in zones. Orangy BRN LT dust on spars yields LT BRN w appearance PY-L. HE-D-L. mafics absent. FRC & micro FRC increase DWN. B leached.	MS-H KF							
214.32 214.94	ANDS ALT-H MS PPRY. PF K gone to MS Groundmass to MS. PY TR Cock QZ fill. RTM CNT brittle late FLT 20° ca.	MS-H.	TR PY						
214.94 219.71	QZMZ ALT-H. MS, KF Bleached, mafics gone; minor HE-D after mafics PF gone to MS, KF partial KF addition in zones. PY-N	MS-H KF	PY-N.						

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From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
219.71 219.75	MYLN. MS ALT - X milled QZMZ in LT & DK MS mass. Platy 50° ca PY-L.	MS-X.	PY-L.						
219.75- 225.7	QZMZ ALT-H MS Bleached, mafics gone. remnant + HE-D aftermafics PF + MS, KF partial. PY-L. KF additions in zones.	MS-H.	PY-L						
225.7- 227.83	QZMZ ALT-M alternating quad sections Bleached ~~no~~ mafics with mafic + MG sections	MS-M.							
227.83 229.95	QZMZ ALT-H MS Bleached no mafics. PF + MS. KF partial. HE-D rare. 0.5% PY-D vfg.	MS-H.	PY 0.5%						
229.95- 230.43	RHDS TPRY ALT-H. groundmass + MS. PF K + MS. PY-TR Few Qz filled FRC CNTS 40° ca.	MS-H.	PY TR						
230.43- 235.0	QZMZ ALT-H Bleached. ENV in interrals more intense H-T Qz & KF.	MS-H.	PY-TR						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
235.0 - 237.5	FLT. Z 30°, 50° ca dominant. Bleached QZMZ ALT-X MS & CY. G, milled Rx. slip planes infrequent, 2 narrow irreg ANDS DYK in fluc. silicification at BTM.	MS - X CY - X. QZ	PY - L.	9975	235.17 - 237.5	2.33	50	0.2	
237.5 - 249.88	QZMZ ALT - H MS-H PF to MS. HF partial. mafics gone. HE alteration also gone. II ducting on spars & at xtl edges gives LT BRN appearance MS ALT & PY increase at BTM CNT	MS - H.	PY TR						
249.88 - 251.71	ANDS ALT - H. MS. non PPRY. massive, few FRC. m.d GY w BRN pigment. PY - L	MS - H.	PY - L	9976 9977	248.0 - 249.7 249.7 - 251.9	55 15	0.2 0.2		
251.71 - 252.52	QZMZ ALT - H Bleached. mafics gone	MS - H	PY - L.						
252.52 - 255.89	ANDS ALT - H. non PPRY PY vary - 3% uniform massive dull mid GY.	MS - H.	PY 3%						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	Essentially no FRC, no structure. 255.3 DWN is much darker color & w SX-N GY-SX ??								
255.89-259.18	QZMZ ALT - M. MS bleached. PF to MS. KF partial. Mafics gone. FRC limited, Apple GRN MS marks FRC. 2 narrow ANDS DYK. W LI dusting gives LT BRN W appearance PY <1%.	MS - M.	PY <1%.						
259.18-259.32	SHR 2wh QZ VLT interupt DK MYLN SHR PY - 2%. AS - N MS intensity increase in HW & FW. 50° ca		PY - 2%	9978	259.84-259.84	1.0	890	2.2	
259.32-274.08	QZMZ PPRY ALT - M. mafics gone. LI dusting to spar gives LT BRN W appearance. PY-L. HE often mafics increases DWN -D. FRC density - M often marked by MS GRN seam. MS intensity ENV adjacent.	MS - M.	PY-L						
274.08-274.34	ANDS PPRY ALT - M. MS - M. PF K to MS	MS - M	PY-L						

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From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	PY-L. FRC lica QZ fill ENTS irreg.								
274.34-276.4	QZMZ ALT-H. mafics gone. PF to MS KF partial. Bleached. LT BRN W appearance w LI dusting to spars. HE-D after ghosted mafics.								
276.4-278.26	ANDS ALT-H. weak PARY PF K to MS. PY-L dull GRN GY color few Qz filled FRC.	MS-H	PY-L	9979	275.61-277.6	1.99	5	0.2	
				9980	277.6-279.6	2.00	5	0.2	
278.26-284.07	QZMZ ALT-H. MS. PF to MS. KF partial. Mafics ghosted w HE-D remnant LI dusting to spars provides unevenly LT BRN W appearance. PY-L. KF ALT local pink zones.	MS-H KF	PY-L.	9981	283.5-284.76	1.26	30	0.2	
284.07-284.57	FLT DK MS band and MS ENV w PY passing DWN to intrg pink patches KF ALT.	MS-H KF H.	PY-L						
284.57-291.32	QZMZ ALT-H MS-H PF to MS. KF partial. mafics ghosted w remnant, HE-Dalt sites. FRC density	MS-H	PY-L						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	-L. Marked by MS and thin CY seams. Spotty silicification & KF ALT.								
291.32 - 291.85	FLT Z. Broken core. MS-X BLK MS band w CY. PY-1%	MS-X	PY 1%	9982	291.0 - 293.0	2.0	40	0.2	
291.85 - 294.8	QZ MS ALT-H. MS: PF to MS, KF partial. Mafics altered KF-D-L at mafic sites. LT dusting of Spars gives LT BKN w appearance. Silicified sections below FLT & related to W FRC.	MS-H QZ		9983	293.0 - 295.0	2.0	5	0.2	
294.8 - 295.56	ANDS PPRY ALT-H Dense microFRC QZ fill. PF K gone to MS.	MS-H	PY-L						
295.56 - 295.97	SHR. QZMZ shattered and MS slip planes. Plastic zone at top. PY-L. CY ALT. CB-N	MS-X	PY-L	9984	295.0 - 297.3	2.3	10	0.5	
295.97 305.8	DEPP ALTH. MS QZ eyes rd. KF rhombs and rd. PY-L. weak intermittent flow band. FRC density -L.	MS-H.							

G97-52

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	KF ALT 0.5m & FLT 0.05m at BTM CNT			9985	303.05-304.57	1.52	5	0.2	
305.8 -306.0	QZMZ ALT-H	MS-H		9986	304.57-306.1	1.53	5	0.2	
306.0 - 306.1	FLT Ground, milled CY. ALT QZMZ.			9987	307.62-309.15	1.53			
306.1 - 309.15	QZMZ ALT-M MS Matics gone. HE-D remnants lower 60% HE to PY-D PF to MS. KF to MS-W LT BRN W appearance W LI dusting to spars.	MS-M	PY 2%.	9988	309.15-311.5	2.35			
309.15 - 309.93	ANDS PRPRY ALT-H. PF K to MS. matrix to MS FRC density-M. QZ fill. PY assoc. CNT irreg.	MS-H.	PY-L						
309.93 -310.57	QZMZ. ALT-H. Matics gone. remnant HE-D. PY replacement near FLT and DYK	MS-H							
310.57 - 310.9	SHR. 30° ca. DK & LT colored MS bands and wisp traces. QZ ALT								

G97-52

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	proximal to bands w + PY. MS ALT - X Mylonitic at core.	MS - X Qz	PY 4%						
310.9 - 311.55	QzMz ALT - H. silicified overprint on MS ALT. PY near FLT. Bleached		PY - 1%.						
311.55 - 311.8	ANDS PPRY. ALT - H. K PF to MS. Groundmass to MS. FRC density - M Qz fill.	MS - H.		9989	311.5 - 313.72	2.22			
311.8 - 312.87	QzMz ALT - H. MS overprint by KF ALT Bleached	MS - H KF H.	PY - L						
312.87 - 313.16	ANDS faulted post emplacement. Brittle and ductile. 20° ca. KF ALT to QzMz both CNT		PY - N						
313.6 - 315.4	QZMZ ALT - M. Fresher Rx. matics Partial, partial to HE-D. sections non Bleached. PY - L.	MS - M.	PY - L						
315.4 - 322.0	FLT Z. slip planes & shatter, dom. 20, 30 & 40° ca. most FRC tight w								

G97-52

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	HE + LI traces. QZ ECC Fill on FeW. QZMZ ALT - M. PF to MS. matics both present and gone to abundant HE-D Py absent.	MS - M.	PY - N						
322.0	QZMZ ALT M.								
325.91	PF to MS. KF to MS weak. Matic destruction - W. HE-D at sites Fracd'ensity - L. Both QZ & MS Fill. PY-L	MS - M.	PY - N						
	325.91 T.D.								

CME

G97-54

Project name: SKUKUM
Project #: CPS6C
D.D. Hole #: 97-54 (Rolog)

Length (m): 320.04
Grid: UTM NAD 83
Dip: -71°
Azimuth: 180°
Core size: NQ

Contractor: (ARON)
Northing: 6672887.883
Easting: 484147.135
Collar Elev.: 9158

Hole survey type: ACID
Started:
Completed:
Logged by: TN
Date logged: 10/21/03

Depth	Dip	Azimuth

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0.00 - 0.91	No core recovery								
0.91 - 51.63	QFMZ ; med-grained, equigranular, cl, (fsp, hbl (to chl)) ; pink-green colour ; shows characteristic orange-brown weathering due to Fe oxidation, rare xenos of ANDS/LDACT	ALT N/W ; propylitic alt, bleaching, mod chlorite after mafics	Tr. py (<<1%)						
		Prog. intrusive incl w/ chilled margins ; esp. young contact, numerous qtz veins	11.68 - 12.15 ; sheared/fault gouge, 1-3cm/10°CA, oxidized FM in shear, clay alt'n/gouge, wisps of rock, core very broken/rubble						
			@21.32 qtz-feldspar vein						
			23.07 - 23.50 broken core, possible fault						
			@23.90 qtz vein 2cm/75°CA						
		28.65 - 29.40 ALT - N							
		31.90 - 33.72 ALT - N							
			33.72 - 34.00 sheared, ~ 1-2cm, broken w/ gouge/clay alt'n ; mod alt into wall rock. 70°CA						
	MISSING BOX 7 34.35 - 40.05m.								
		45.10 - 50.00 K-spar alt? ?, v. pinkish-brown alt?	47.90 - 48.70 ; Fault zone w/ clay alt'n on fract's, broken & bleached, 97 varies @ 49.30						
			48.85 chalcedony-qtz vn 5cm/15°CA						
		50.00 - QFMZ bleached ; recrystallized propylitic alt	6.50 10 py vnlts ; massive blebs up to 3mm 10-20°CA	100 86	49.99 - 51.63	1.64			
			@50.50 mylonite shear/gouge 1cm/30°CA						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
51.63 – 54.30	ANDS dyke ; porphyritic , ox green phenos, wk, tension fill qz-cb stockwork.	ALT W ; locally M (contacts) Upper/lower contacts bleached to olive brown;	Py 1-2% over unit, locally higher.	10087	51.63 - 52.42	0.79			
	51.79 – 52.35 RHYL/ROFP ; v. strongly sheared w/ wound remobilized qz (v. fine grained); pale but bright green ser; ALT - S/X Flow banded 70-75°CA.		Upper contact ; qz-flooded w/ dk grey mineral (Sx?) , locally abund py; also @ 57.35 - 57.40 (contact of ROFP subunit)	10088	52.42 - 53.30	0.88			
				10089	53.30 - 54.30	1.00			
			Dissem py is patchy ; up to 3mm , appears to core dk phenos ? , py after hbl?						
54.30 – 136.00	QZMZ ; as previous ; incr ANDS xenos . wk - mod qz (cb) stockwork infilling tension gashes ; generally oriented 50 - 60°CA , but some ~40°CA	ALT. W , propylitic , minor K-spar alt^n around phenos and qz units		10090	54.30 - 55.80	1.50			
			@55.30 qz-(cb) vnlt . fn-grained 6mm / ~40°CA.						
			@ 58.04 py vnlt , 1-2mm / 70°CA, pyrites out.						
			@62.34 py vnlt, massive py, 6mm/40°CA minor qz, + cal/ser.						
	66.15 – 66.38 ANDS xeno , pyritic (20%) , veins cross through ANDS & QZMZ host) , more xenos @ 66.50, 66.60, 66.91 & 67.45.								
			68.00 – 68.70 qz flooding / silicification, mod Sx in rare assoc w/ dk mnl phenos	10091	67.90 - 69.25	1.35			
		69.25 - 69.95 Pink K-spar alt^d of QZMZ ; v. disturbed	@68.42 grange. - Lithology in this area may be highly bleached ANDS. ; QZMZ also bleached / silicified near LC.	10092	69.25 - 69.95	0.70			
		69.95 - QZMZ becomes quite fresh & unaltered ; v. magnetic ; Alt^n localized around qz-(cb) vnlts.							
			@73.56 offset qz-cb vnlt.						
			@77.10 qz-(cb) vnlt w/ prop alt^n halo 1cm / 75°CA						
	@81.81 DIOR xeno.								
	81.90 - 82.00 ANDS dyke or xeno; 5% py.								

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	QEMŦ (rad'd) @86.10 ANDS xeno.								
	87.18 - 87.79 ANDS dyke or xeno, py ~ 5% minor qz.cb stockwork.		@91.34 qz-cb vnlt ~70°CA w/ alt^{n} halo; also @ 91.49, 91.92.						
	92.84 - 93.74 FLDK ?; v. pnk fine-grained intrusive unit; qz (fine grained) infill into tensile gashes; abund hairline hem veins/fract May be a K-spar alt'd QEMŦ; v. intense. (@92.36 K-spar stained - pnk is K spar; white areas most likely plag + qz.)	ALT - M (K-spar)	@94.93 qz.(cb) vn w/ alt^{n} halo. 5mm / 80°CA.						
	105.00 - 105.20 ANDS xeno/dyke.; ALT - M, abund seri/chl, contact @ 30°CA; qz-eyes also 105.39 - 105.63; appears to be xeno being assimilated into QEMŦ, texture similar to QEMŦ, but colour v. green.		105.63 - 106.03 shear zone, intermixed ANDS / QEMŦ, ~40° CA						
106.00 - 109.34	ANDS dyke	ALT - W/M. Hem prominent on fract sfcs; are assoc w/ qz.cb vnlts. Wk seri alt^{n}	ANDS pyritic near upper contact, sheared 45°CA @ LC sheared, pyritic ~ 85°CA						
109.34 - 116.47	QEMŦ, fresh, pnk med grained; magnetic	ALT N/W, Weak K-spar alt^{n} causing pnk colour. - wk cht after mafics 116.00 - 116.49 Inter propylitization and bleaching near LC							
116.47 - 117.80	ANDS dyke., porphyritic, mod internal shearing (qz-cb stockwork)	ALT W; bleached near LC, assoc. w/ fract contact 116.47 - 117.33 relatively unaltered 117.33 - 117.80 phyllic, blue-grey colour w/ bright green seri grains	LC v. sheared. 80-85°CA. 117.35 - 1 = 5% py, 3-5%, large 3mm patches of py.						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	(ANDS, rare)		@LC ANDS w/ qz-flooding, dk grey infill, shear/c contact w/ QZMZ						
117.80 - 121.76	QZMZ; as previous	ALT - M/W. Incr propylitic alt in general; - also brown weathering more prominent	117.80 - 118.37 (approx) shear zone contact area, QZMZ is bleached w/ minor py @ 118.45 (approx) qz-py-sht vn; 1cm @ 118.90 minor qz vn, v. fine grained 119.50 - FLT-2, v brittle core, clay on fracs,	10093 10094	120.07 - 121.62 121.62 - 123.14	1.55 1.52			
121.76 - 122.10	ANDS, v bleached; porphyritic; v. fract'd, part of FLT-2 from QZMZ	ALT M; olive coloured; silicification/qz-flooding	121.76 shear contact w/ mylonite/gouge, 1cm/25°CA; some qz-flooding into ANDS w/ minor py + sht? (dk blue-grey altn'n)						
122.10 - 124.85	QZMZ, wk shearing, as previous.	ALT M/W	@123.52 qz vn; 4cm/20°CA w/ minor py + poss sht? milky white massive qz; chl, minor ser.						
124.85 - 129.22	ANDS, porphyritic; mod qz cb stockwork.	ALT - M/W, Variable alteration contact zones bleached w/ bright green ser/phenos, core is dk green w/ dk green phenos	Locally pyritic to 2% in discrete disseminations, often assoc w/ dk green phenos (chl/ser)	10095 10096	123.14 - 123.96 123.96 - 124.85	0.82 0.89			
			@129.22 LC, appears mylonitic w/ milled/ sheared clasts in 3-4cm contact						
129.22 - 136.55	QZMZ; typical brown weathering, wkly sheared	ALT - W/M; propylitic (strong) wk local argillic (ser) alt'n;	@135.59 qz vn w/ assoc mylonite/fault gouge, w/ py, ~ 3cm/45°CA; qz-flooding/vns below,						
			@141.00 narrow black mylonite band/ shear plane, ~ 10° CA						
	146.95 → incr. shearing, narrow stringer green ser; deformed qz-cb vns.	146.95 → core becomes more sericitic, less propylitic ALT - M core more bleached, less mafics	146.95 - 147.50 Mylonites w/in QZMZ, generally narrow, pressure solution style, v. strong @ 147.50.						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	(QFM7 cont'd)		@153.43 qz vn w/ py.	10097	151.90 - 153.20	1.30			
	153.50 - 156.55 QFM2 increasing sheared towards contact below w/ FQFP; relatively abundant qz.	ALT M/S - increasing sericitization w/ clay alt'n	@153.47 qz vn (diffuse) in faulted QFM7 v. massive white/grey w/ yellow oxidation product on fract. surf. (As-oxide?), rare py, poss stib. 25cm / 35°CA	10098	153.20 - 153.78	0.58			
				10101	153.78 - 155.14	1.36			
				10102	155.14 - 156.55	1.41			
156.55 - 168.44	FQFP, pale green to buff white, qz/fsp phenos 20%; flow banding @ upper contact. Centre of unit more homogeneous, no flow bands	ALT W/M, sericitization. Flow bands may be v. seri rich (& green)	@156.55 contact, sheared to bx'd ~25°CA. Flow bands 35°CA	10103	156.55 - 157.56	1.01			
			@156.87 poss As oxidation of cpy, v. fine grained grey mineral stringer w/ bright yellow alt'n halo grading to brown stain on rock (only visible since rock exposed to sun/air)						
			165.55 - 168.44 Flow banding above contact 15-25°CA						
168.44 - 168.99	QFM2, sheared, brown weathering	ALT - S	Sheared u/c contacts 35°CA	10104	167.34 - 168.41	1.07			
			@168.56 poss acic cpy assoc w/ yellow alteration product, also minor py	10105	168.41 - 168.99	0.58			
168.99 - 172.80	ANDS, dk green to slightly reddish. Porphyritic, dk green phenos (seri alt'd)	ALT - M/S, strongly hematized over 1.5 meters. Transluscent grains infilled by gtz.	Py ≤ 1%	10106	168.99 - 170.50	1.51			
			UC, bleached, sheared, 35°CA.	10107	170.50 - 172.00	1.50			
			LC, sheared, fract'd, 10°CA, seri + chl + qz.	10108	172.00 - 172.80	0.80			
172.80 - 176.24	QFM2, sheared	ALT - M K-spar alt'n @ UC to 173.35. 173.35 → strong propylitic, incr sericite							

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
176.24 - 178.16	ANDS, green, sheared; tension fill qz-cb stockwork	ALT - M, ser, strong, mod chl (?); qz-cb	176.24 - 176.60 bleached and hematitic Py 1% UC - 25°CA LC - 55°CA						
178.16 - 259.68	QRMZ, sheared;	178.16 - 183.53 ALT - M; v strong propylitic, mod argillic (ser.) brown weathering	@182.58 qz-ser-hem shear ~ 35°CA @183.53 qz-ser-hem shear 1cm/45°CA 183.53 → core becomes increasingly broken up clay alt'n on fracs, due to increased shearing. Shear planes increasing downcore, typically w/ green ser, hem; qz-cb @187.54 ductile shear ~ 1cm/40°CA.						
		183.53 - ALT S, increasing silica (flooded ?), paler, less mafic content, increased ser	195.75 - 200.85 (approx) - mod strongly fract'd core - [ALT-Z (?)], core beyond completely but highly intensely fract'd @196.00 mylonite shear plane - hem + qz 5mm/40°CA 201.85 - 202.00 strong shearing. @202.15 shear plane/hematitic 35°CA 203.20 - 203.70 ductile shearing - ser! @205.50 strong ser; ductile shear. v. soft, friable, 25-40°CA 208.18 - 208.38 shear, strong green ser + brec'd QRMZ (?) pass FLDK @209.50 1cm pink FLDK (ARDK?), also @ 212.50. @215.40 ling low angle frac; 5°CA						
		hematite becomes common in ductile shears & frac zones; dark purple anomalous.							

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	(QZMZ cont'd)	217.70-217.95 ALT-X, highly clay altic and/or bleached.	222.20-225.25 Strong shearing and overprinting fault zone; locally coarse dk purple hem alt'n on fract sfcs.						
		224.45-224.60 ALT-X, as above.	@223.00 main hem shear. ~15-20°CA.						
			@223.12 mylonite, dk hem matrix w/ rolled/milled QZMZ frags						
			@226.97 dk purple hem on fract. also @ 228.75.						
			@228.95 purple hem on fracs.						
			234.07-234.22 strong shearing to bx, with red hem in sm shear planes.						
		238.35 → incr to locally ALT-X	238.35 intense shearing						
		@240.25 silicification/qz-floodings							
	240.50-241.45 MYLT, strong shearing, dk grey 3-5% py.		Shearing ~ 25°CA.						
	242.30-243.70 - MYLT, dk grey, as above, less py <1%.		241.35-241.45 Mylonite w/ qz "augen"						
		243.70 → continue ALT-X							
	247.58-247.91 ANDS dyke, v. bleached, olive brown, w/ qz-ct stockwork, py<1%, pass fr. sfcs.								
			250.85-259.84 v. alt'd, broken core, probable FLT-2.; clay gouge; crosses contact w/ FFP below						
259.68-276.00	RFP (south marker), buff to v pale green fine grained dyke; upper and lower sections flow banded.; fsp phenos ~5%	ALT-M, sericitic, local pink zones due to hem(?); clay on fract sfcs	UC flow banding 25-40°CA						
			261.80-263.20 FLT-2, low angle fracs into V. broken core						

Change MM DB sample B195409 — correct interval is 238.95-240.50

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	(RFP cont'd)	(Bx'd & - shows brecciation and qtz to SEC exposure, space for qtz and brown on off white Rock matrix), pale p-k)	264.10 - 264.23 FZ 7.2. LC irregular, poss sheared 15-30°CA.						
276.00 - 279.70	QFMZ, sheared, also v. fractured and faulted	ALT-X; talc/clay alt'n	Very broken core over interval, probable FLT_2 esp from 271.43 - 277.27.						
	273.04 - 273.74 poss RHYL dyke or fine grained qz flsp rich phase in QFMZ		@ 274.76. FLT 2cm/20°CA, grainy core with fine planes.						
	276.93 - 277.31 RHYL dyke, flow banded, rough limits are irregular & overlapping, fault contacts at upper and lower bounds	278 - 279.70 v. bleached QFMZ, hard to distinguish contact w/ RQFP below.							
279.70 - 281.64	RQFP, tan/brown, fluidized and faulted.								
281.64 - 283.45	QFMZ, sheared	ALT-Y - bleached, silicification qz flooding	283.02 - 283.28 qz-bx - gouge. @ 282.55 mylonite 35°CA						
	283.16 - 283.41 lower contact strong zone, v. ok mylonite, tool sx above sec.								
283.45 - 284.80	RQFP, highly sheared; qz/flsp phenos < 15%	ALT-Y; green sericite							
284.80 - 287.95	QFMZ, highly sheared, mylonitic zones w/ qz-flooding and veining		HC marked by mylonite shear zone w/ RQFP. ~ 30cm long. @ 285.42 mylt w/ py-aspy ?-3%. 1cm/40°CA @ 285.58 2cm mylt w/ 10-15% aspy (v. fine grained in the matrix) 285.70 - 285.90 qz-sy bx, v. abund aspy along fines ~ 20%; whi qz, poss flsp.; minor sericite, probable STHD 286.20 - 286.35 qz vn/flooding, disseminated aspy/trace vn #s						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	(QFM2, rem'd)		286.35 - 287.25 diss aspy/sph in QFM2 5-10%.						
			287.25 - 287.45 RHYL - QZ - VN BX + SX ; 10-15% aspy						
287.95 - 288.70	RQFP ;	ALT - X/S.	Minor diss cubic py						
	287.95 - 288.15 looks similar to olive brown ANDS dykes. see elsewhere;	v. bleached. Seri.							
	288.15 - 288.70 ; fairly typical alt'd RQFP, qz/fsp relatively minor <10%.								
288.70 - 289.73	QFM2, sheared.	ALT - X/S							
289.73 - 290.18	ANDS, sheared ; bright green seri phenos.	ALT - S	UC - 50°CA , LC - 75°CA	10109	289.65 - 291.15	1.50			
		v. bleached and completely sericitized	Pole Sx (<<<10°)						
290.18 - 292.27	QFM2, showing it's USS,	ALT X ; decreasing slightly							
				10110	291.15 - 292.85	1.70			
292.27 - 292.85	ANDS ; sheared ; olive brown ; qz-cb stwk	ALT - S.							
292.85 - 320.07	QFM2, sheared	ALT - S/X							
		- local rec zone or fracs ; ass'd w/ seri smears and pass chl		10111	292.85 - 294.35	1.50			
			@ 293.30 ANDS xeno.	10112	294.35 - 295.25	0.90			
			@ 294.68 shear. 30-40°CA						
			295.25 - 295.35 Mylonite 40°CA						
		@ 298.50 qz patch / stwk							
			301.20 - 301.70 pass FLT 2, fracs clay alt'd on sfcs.						
			306.60 - 306.80 pass FLT_2 or mistake rubbly core, rare.						
			310.90 - 311.20 FLT-2, rubbly rare	10113	310.59 - 311.50	0.91			
	311.50 - 311.95 ANDS dyke ; olive, qz-cb stwk (sheared) ; upper lower contacts sheared 25°CA / 35°CA	ALT - S.		10114	311.50 - 312.12	0.62			

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	(QFMP, cont'd)		@ 317.25 qz-sx VN 4cm/30°CA 5% is disseminated w/ possible cpy and minor py	10115	312.12 - 312.62	0.50			
		317.3 → EOH ALT - M/S Carbonate alteration, strong v. sericite; also, loss of mafics		10116	312.62 - 313.64	1.02			
320.07	END OF HOLE								

CME

Project name: SKUKUM
Project #: CP56C
D.D. Hole #: 97-55 (Re139)

Length (m): 370.03
Grid: UTM NAD 83
Dip: -74°
Azimuth: 180°
Core size: NQ

Contractor: (CANDO)
Northing: 6672887.883
Easting: 484 147.135
Collar Elev.: 958

Hole survey type:
Started:
Completed:
Re **Logged by:** TV
Date logged: 11/22/03 –

Depth	Dip	Azimuth

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0 - 0.91	CASING, NO CORE								
0.91 - 56.17	QFMZ, med grained, equigranular, where fresh; pink & green, v. magnetic where alt'd - typical brown lim/hem stn coating, no magnetite, incr. sericitic Rare veins - diorite?	ALT - N/W. variable alt'n; in general v. fresh LWT alt'n occurs in halo around 5 cm Qz-cb erlansional vns & veins Vn alt'n halos typically sericitic/ argillic and rarely exceed 50 cm (diameter)	Py rare < 1%, dissem cubic py @ 6.30 Qz vn fwals 1cm / 6mm / ~70°CA. wk Qz w/ minor Sx @ 9.67 Qz vn/lt 5mm / 65°; cb growth along selv into vn/lt, sericitic alt'n halo. 14.75 - 19.50 - altered CA; 1 wk-mod Sil/DX zone - v. Qz rich, semi-massive chalcedonic; discordant along gauge locally on strg Sfc & 70cm of apparent E-W QFMZ w/ in grey to siliceous silica; Rare to no 65-70° Sx. @ 20.14 Qz vn/lt 1cm / 50°CA; vn margins diffuse Wk pervasive Qz-cb-serc veining throughout footwall QFMZ						
		12.70 - 14.75 ALT-M; sericitic, slightly pinkish due to K-spar or hem 14.75 - 19.50 ALT-Sil/X ——→ 19.50 - 20.26 ALT-M; sericitic, wk K-spar 20.26 - 23.47 ALT-W; locally faintly foliat.; still w/ K-spar alt'n overprint 23.47 - 28.82 ALT-M, ± sericitic w/ pinkish-red K-spar 28.82 - 30.87 Propylitic alt'n ALT-M/W. 30.87 - 38.40 ALT-W; wk propylitic wk sericitic; approaching fresh; magnetic @ 31.70. Pink K-spar and/or hem alt'n pervasive						

CME

Hole No.: 97-55

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
		38.40-48.33 ALT M, sericitic 41.30-44.20 v. propylitic	@40.71 qz vn: 4mm/75°CA.						
		48.33-50.65 ALT-S, clay altd vuggy/pitted core; locally v. pinkish due to K-spar/hem altn; also locally v. propylitic	@48.00 qz vn. 2cm/50°CA., w/ cb.						
	51.70-52.00 SHR-Z, silicified, sheared QzMz w/ sil replacement, clay gouge slip plane seams @ UC 3cm wide	51.70-52.00 ALT-K 52.00-52.16 bleached, silicified QzMz.	51.90-52.00 5-10% dissem py.						
	52.16-52.85 Bright green laminated/flow banded RHYL (Feldspar Porphyry), Foliation/flowbanding ~65°CA. - almost phyllitic, fsp phenos to 4mm, white, altic	ALT-S							
		52.85-56.17. ALT-M							
56.17-59.77	AndDS, porphyritic; matrix mod green, phenos dk green, v. ranged/blotchy; also v. fine lt brown/tan specks (<1mm) wk qz-cb stwk.	ALT-W Hem remains on frac sfcs. Wk sericitic alt'n							
59.77-66.85	QzMz	ALT-W. wk K-spar? Minor hem/lim veins	Py ≤ 1%.						
66.85-79.23	AndDS; as previous (56.17-59.77)	ALT-W.; hematitic frac sfcs, hem locally heavy w/ red clay. qz-cb veins also contain hem	Py ≤ 1%; ~ 1-2% vein contacts UC - 15°CA						
		72.50-79.23 ALT-M; bleached to olive colour; inter Ser alt of phenos to bright green right @ contact	LC sheared						
79.23-87.44	QzMz	ALT W/ M; (magnetic) Variable - alteration generally around qz-cb veins	UC sheared w/ BX's; clay gouge silica; ~15cm wide @77.17 qz-cb vein 5mm/60°CA. w/ 20cm alt'n halo						
	@81.68 FLDK, v. pink w/ large infills by Sucrosic Qz, hem on frac sfcs, also minor Ser; 1 cal. - vein contacts - (PEGm phase of melt?)								

CME

Hole No.: 97-55

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
87.44 – 93.73.	ANDS; porph, same as previous dykes).	ALT- W. Hem alte on fracs.	@87.44 LC qz va 1cm/20°CA, sheeted qz w/ seri incl. ALT-M ser alte halo. 87.44-87.64 py 10%, dissem in contact, v. abrupt change to <1% py 91.53-93.73 V. broken/fract'd zone. fault?, more hem alte in fracs.						
93.73 – 118.33	QZMZ; 95.47-95.74 ANDS xeno (ALT-w) pyritic (5-10%) @100.08 ANDS xeno/cogenetic, ALT-w, pyritic parallel stringers 2-5mm/30°CA. @115.12 ANDS dyke, pyritic 6cm/15°CA. py-10%, replacing QZ prenal @116.80 ANDS dyke; irreg contacts; ~30°CA 4cm thick, pyritic, 10%	ALT-W/W v. wk seri/cen'. @106.70 argillic alt halo 8cm wide around narrow cluster of qz-cb veins. 118.16-118.33 ALT-S, v. bleached Sericitic near shear contact.	Py rare <1%. @106.53 qz vnlts 8mm/55°CA, v. wht @109.98 narrow qz vnlt 3mm/75°CA. w/ arg alt halo. @111.88 qz vnlts w/ alte halo. @113.80 large tension gashes infilled by cb./qz.						
118.33 – 119.19	ANDS, porphyritic, wk qz-cb stkwk	118.37-118.60 ALT-M. 118.60-119.19 ALT-W.	UC 25°CA sheeted, w/ silicia & minor clay gouge Pyritic to 118.60 (5-10%) Py ≤1% to 119.19.						
119.19 – 125.70	QZMZ wk qz-cb tension fill vnlts, variable orientation	ALT-M; incr. sericitic, K-spar/hem overprint Locally propylitic	Py <1%.						

CME

Hole No.: 97-55

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
125.70 – 126.85	ANDS; porph.; wk qz-cb stwk.	ALT- W	Irreg UC/LC Py 2-3%.; patchy dissem. wk fol^{n} of phenos roor LC ~ 40°CA.						
126.85 – 130.55	QZMZ;	126.85 – 127.76 ALT- M; v. ser; bleached; 1m dusting on clvg							
	@129.24 sheared ANDS stringers, ~ 30°CA. 5mm to 1cm	127.76 – 128.80 ALT- N/W; wk pink K-spar							
	@128.66 ANDS dyke. 7cm/ 15°CA; pyritic (3-5%).	128.80 – 130.55 ALT- M.							
130.55 – 131.95	ANDS, bleached & alt'd; porphyritic	ALT- M/S; olive coloured phenos mod sericitized	Py 3-5%.						
131.95 – 136.96	QZMZ, 131.95-133.70 sheared QZMZ w MYLT developed @ UC	131.95 – 133.30 ALT S/K. generally v. ser. to clay alt'n. 133.30 – 136.40 ALT- M; clay development ± fract, minor rec hem along fracs; ser. 136.40 – 136.96 ALT- S	UC ~ 20°CA, MYLT shear. w/ qz-clay-ser ± py. ~ 5%.						
136.96 – 138.38	ANDS; porph., no qz-cb stwk. Minor incorporated/xenolithic QZMZ.	ALT- S.; v. bleached, sericitized phenos. (bright green)	Pyritic 5-15%, in stringers and patchy disseminations.						
138.38 – 171.60	QZMZ;	138.38 – 144.70 ALT- M. 144.70 – 155.15 ALT- S; gradual incr to strong alt^{n}	144.70 mod shearing appearent in rock. @146.27 qz vn fragg? w/ minor clay/ser/ I/K. @149.80 shear plane, clay alt^{n} w/ yellow/orange K+ oxidation 3cm/20°CA.						
		155.15 – 169.89 Strong hem alt^{n} (pervasive), numerous hairline fracs infilled w/ ser, clay, iron Alt^{n} obscured QZMZ texture.	155.15 – 169.89 Sheared QZMZ.						

CME

Hole No.: 97-55

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(QZMZ, cont'd)	166.60 – 170.00 ALT-S (cont'd) v. bleached, seri. rich w/ incr. sx, QZMZ is pale – no hem/lim alt'n, except on a few frac sfcs. Minor silica flooding	166.60 – 170.00 py 2-5%, variable in veins & disem along groundmass						
	(approx) 170.00 – 170.82 ANDS, bleached, ALT-S. pyritic – 5% in stringers & disem		@170.00 – 170.10 strong shear contact? v. decomposed clay rich QZMZ/ANDS						
		173.82 – 171.60 bleached QFMZ, ALT-S	170.82 – 171.60 py 2-3%						
171.60 – 185.74.	ROFP/ROP, v. pale green to off white grey qz eyes and ragged occasionally pinkish fsp phenos; wk flow banding.	ALT – M/S; seri alt'n of most of unit, wk clay alt'n of fsp phenos.	py ≤ 2%. disem cubic py						
	172.10 – 173.40 SMR-7/QZMZ. upper part completely decomposed (ALT-X), clay; minor yellow alt'n		177.40 – 177.60 sx units / fault & pressure solc						
	ROFP shares characteristics of Central Meston – qz eye size / fsp size / colour / flow banding / pyritic / alteration.	Patchy yellow lim around sx (py)	@177.78 FLT; v. frac'd, clay alt'n						
185.74 – 191.30.	QFMZ, mod shearing; frac/tension fill by cb + qz	ALT-S; bleached, seri	@187.60 FLT. clay gouge; ~ 10cm. LC 45°CA	09044	184.53 – 185.74	1.21	35		
			@180.50 qz-sx vn; disrupted w/ abund sheared seri-clay infill, minor cb; yellow/orange lim alt'n. 3cm/20°CA	09045	185.74 – 187.15	1.41	45		
				09046	187.15 – 188.31	1.16	25		
				09047	188.31 – 188.86	0.55	690		
				09048	188.86 – 190.20	1.34	70		
191.30 – 192.11	ANDS. porphy; mod-strong qz-cb stkwk	ALT-S/M; bleached	Py ≤ 1%						
192.11 – 192.51	QZMZ	ALT-S.							
192.51 – 193.77	ANDS, porph, as previous.	ALT-S, bleached, seri	Py < 1%.						
	192.85 – 193.24 v. bleached QFMZ – ALT-V v. qz rich, minor seri.								

CME

Hole No.: 97-55

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
193.77 – 197.30	QFMZ; sheared	ALT- S, v. bleached, seri.	Py ≤1%.						
197.30 – 201.35	RQFP, similar to earlier; typical Central Marker style of dyke. Smaller <2mm qz eyes, faint ragged fsp phenos; wk flow banding.	ALT M/S.; minor to med clay on fracs; strong seri.	P_y 2-3% disseminated py		Error in ASSAY DB - sample B195433 should be @ 201.35 not 200.35				
	@197.80 QFMZ inclusion ~15cm.	Near LC bright green flow-banded RHYL							
201.35 – 267.35	QFMZ,	ALT S/M, v. bleached, fsp seriticized; wk K-spar alt^{n} overprint.	Mod fractured core, brittle deformation of broad fault zone. over most of						
	Minor APLT dykes. @ 204.70, 205.00, 209.20. Pink, fn grained ~1cm or less.		~207.00 → incr internal fracs w/ seri infill; incr shearing;						
	@212.70 APLT 3cm/80°CA; also @ 212.55 4cm/60°CA w/ offset.	@214.76 v. green seri.	@217.43 qz vn 1cm/60°CA w/ cb.						
	221.40 – 267.35 sheared; low angle fracs.; incr. sericite to locally w/ v. seri alt^{n} (green - soft rock). Some shear planes undulate through core. (220.40)		224.80 – 225.05 v sheared; complete serictization w/ clay alt^{n} too. Shear orientation soft to CA to 10°CA.						
	Tension gash infill common by cb - qz. V. rare qz vns.		@229.97 shear w/ seri, mirror from 30°CA.						
			@237.35 gouge shear plane. 15-20°CA.						
			@237.90 shear plane 2.5cm/2.5°CA						
		@240.74 narrow (<2mm) qz-cb vnlt w/ pink potassic alt^{n} halo (~2cm)	@238.79 shear - total seri. 2cm/50°CA						
			@239.65 shear plane - seri, 1cm/15°CA						
			245.81 – 246.58 v. sheared, seri - qz, v. frac'd ~15°CA shear planes.						
	249.20 – 249.85 FLDK, ol v. K-spar phase of QFMZ.								
			@254.25 qz vn w/ sx alt^{n} + seri cross cuts FLDK - 1cm/40°CA, yellow sx alt^{n}	09051	254.20 – 254.70	0.50	420		

CME

Hole No.: 97-55

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	254.20 – 255.55 FLDK, v. frac'd w/ calc ± qz veins, minor intermixed QZMZ.	(ALT-S, contd).	@260.00 shear plane, ser rich 1cm / 20°CA.						
		260.30 – 267.35 v. bleached QZMZ, ALT-X; no mafics whatsoever, v. ser rich.	@260.31 qz flooding w/ minor sx						
267.35 – 268.00	RQFP (C. Marker style) Wk flow banding	ALT-S; ser, clay common,	Py 2-3%, fine disseminated cubic py						
			@264.72 cataclastic bx, ~1-2cm, fine dk grey/brown ser clay matrix w/ lesser sx						
			@265.40 lesser cataclastic / shear.						
268.00 – 294.60	RFP (S. Marker), v. light tan to off white, no to v. rare qz eyes; integrated to gradual feldspar phenos, homogenous	ALT – M/S.	@265.90 Strong cataclastic shear.						
			UC v. sheared and silicified 268.00 – 268.30, silicified to clay gouge shear contact.						
			268.30 – 268.80 Faulted - broken core						
		293.83 – 294.10 pale warm alt'n	@276.17 brec, v. ser rich 30°CA						
294.60 – 297.60	QZMZ, sheared	ALT-X; v. ser, qz flooded & bleached, clay alt'n common.	Py locally abund 2 – 5%						
			295.00 – 295.20 (approx) cataclastic bx/ shear; v. dk grey/brown w/ qz – sx vn/bx frags; also entrained QZMZ frags; aligned in qz vn; Py ~ 10% in ser/clay matrix.						
	@295.60 ANDS xeno, immed below QZMZ clay alt'n shear.								
	@296.30 ~10 cm ANDS xeno., ALT-X, 5% Py.								
297.60 – 313.09	RHYL / RQD; contains qz eyes w fsp phenos (50/50) in pale green to buff to tan RHYL matrix	297.60 – 299.60 ALT-S; v pale green (ser) w glassy due to silicification	Py v. rare <<1%.						
			Unit is highly internally frac'd but healed to frac'd and broken due to faulting / brittle deformation						
			304.50 – 305.35 Fault.						
		312.27 – 312.72 bleached; white / pale green, lesser qz eyes.							

CME

Hole No.: 97-55

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	312.72 – 313.08 Sheared ductile		LC. Irreg ~ 20°CA						
313.08 – 314.15	ANDS; porph; mod qz-cb stkwk	ALT- M/S. Ser; hem.	UC; v. alt'd, reddish due to hem.						
	313.23 – 313.72 QZMZ (rel(?)								
314.15 – 370.48	QZMZ. mod shearing	ALT- S/X							
			@314.65 qz-sx vn frag in QZMZ w/ wisp qz + aspy.						
			@315.24 qz-sx vn frag 2cm/2cm w/ minor aspy+py						
	315.28 – 315.50 ANDS xeno?, ALT-X, bleached, but pitted due to clay alt^n								
	Elsewhere through "DAMAGE ZONE" more ANDS xenos; qz flooding, mylonite/cataclasite		316.40 – 317.00 more cataclastic shears to MYLT zone; clay alt^n strong; Py mod 2-4%, weakly asscm'd; QZMZ, aspy not seen.						
		318.50 – 319.60 ALT-X, v. clay-alt'd, pitted/vuggy 60%	317.55 – 318.05 MYLT / SXR. ?. mod med-dk grey sheared/foliated clay-ser ± Sx w/ entrained QZMZ frags						
320.48 – 321.61	ROFP; qz eyes + fsp phenos	Bright green, completely sericitized unit; foliated / flow banded - phyllitic	UC/LC sheared, gouge. Some open space filling texture; filled by cb-qz.						
			LC 20°CA.						
321.61 – 370.03	QZMZ; locally sheared (cataclastics)	ALT S/X; v. sericitic fsp.	Rare py overall ≤1%. @321.69 cataclastic shear 3mm/25°CA.	09053	321.25 – 322.78	1.53	10		
				09054	322.78 – 324.31	1.53	5		
	323.23 – 327.49 FLDK. 25°CA; w/ offsets			09055	324.31 – 325.83	1.52	5		
		329.49 – 327.92 v. bleached, pale green.		09056	325.83 – 327.36	1.53	15		
			* 328.69 – 329.56 locally sx'd QFMZ. V. small hairline to mm-size	09057	327.36 – 328.69	1.33	420		
			* qz veins w/ v. fine dessem	* 09058	328.69 – 329.56	0.87	4.063/t	*	
			* Sx - probable aspy+py - looks	09059	329.56 – 330.82	1.26	65		
			* Similar to 97-56 (new zone)	09060	330.82 – 331.93	1.11	5		
			* Sx particularly strong @ 329.00 ~ 15% and 329.44 ~ 15%;	09061	331.93 – 333.25	1.32	35		
		329.56 → rejoins to ALT M/S. v. sericitic, no sx; v. tight no veins, minor hairline fracs.							

CME

Hole No.: 97-55

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(QZMZ, cont'd)	340.50 – 341.70 strong green seri alt'd QZMZ (no limit from brown weathering)	339.50 – 342.10 v. broken core - fault zone ?						
	342.80 – 343.57 ANDS dyke; uc sheared w/ gouge/ cataclasite; minor sx assoc w/ narrow qz-cb vnlts.; ≤1% opy. ALT-M.		342.60 – 342.80 sheared QZMZ. frac'd w/ seri; minor sx	09062 09063 09064	342.10 – 342.80 342.80 – 343.57 343.57 – 344.12	0.70 0.77 0.65	450 270 10		
		348.70 – 349.35 bleached, green seri; ALT-X, clay alt'n							
		349.35 – 350.03 ALT-M, clay alt'n limited to frac sfcs w/in broad fault/deformation zone. Internal alteration lower grade in general, w/ zones of strong seri alt'n	349.00 ⇒ 360.00 core mod frac'd & broken w/ abund clay on frac sfcs; may be a fairly low-level brittle deformation zone on edge of shear zone. (Sutt.)						
	352.70 – 355.85 (approx) ANDS dyke ALT-M, pervasive hem alt'n through unit mod-wk qz-cb stwk, occasionally vuggy Py/pyrite; generally dk green, wk seri; @ 354.80 – 355.00 - v. seri alt'd pheno; silicic		357.03 – 357.15 qz-cb flooding/infill into tension gash						
	@ 361.80 FLDK frag @ 362.69 narrow FLDK 5mm/30°CA @ 363.35 FLDK 1cm/ 45°CA. @ 364.88 FLDK frag @ 365.05 FLDK, exhibits a offset out of core. 346.66 – 366.98 FLDK down CA.	363.58 – 365.55 ALT-X, clay alt'n, vuggy, pitted	@ 364.85 shearing w/ seri. infill in fracs.						
370.03	END OF HOLE								

CME

G97-56

Project name: SKUKUM
Project #: CP56C
D.D. Hole #: 97-56 (Relog)

Length (m): 359.36m
Grid: UTM NAD 83
Dip: -56°
Azimuth: 120°
Core size: NQ

Contractor: (CRISN)
Northing: 6672989.101
Easting: 483920.205
Collar Elev.: 993

Hole survey type: MULTI-ETCH.
Started:
Completed:
Re **Logged by:** TN
Date logged:

Depth	Dip	Azimuth

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0.00 - 0.91	CASING/NO CORE								
0.91 - 93.88	QZMZ; relatively fresh to weakly altered; med grained hypidiomorphic, pink/green, magnetic 2.241-2.96 narrow ANDS dike/xeno @58.38 ANDS xeno; 5cm.	ALT W/N; propylitic; local narrow argillic alt'n zones forms to around narrow qz-cb-epi stringers & veins. Chl of matic (primarily mat, minor bio) 35.05-42.48 ALT-N, v. WK 42.48-45.69 ALT-W/M, incr dpf 45.69-46.72 ALT-M/S; incr argl, locally vuggy or bleached. 46.72 → ALT-W 66.20-63.90 ALT-M. 67.94-68.23 ALT-M assoc w/ ch-qz vnlts	Rare py (<1%) Qz-cb veins typically 1-3mm w/ alt'd selvages up to 5cm wide. @18.50 qz-cb vn, 1cm/60°CA; cb is remobilized/ brecciated due to sfc exposure, due to heavy Fe-ox of cb, probably high Fe-cb ie ankerite, or possibly dolomitic @23.19, narrow stockwork 25°CA. 24.90-25.10 qz veins, medium, 1-5cm/60°CA, OK stkwk, 1cm/30-60°CA, diorite dyke w/ 11 @27.13 qz vnlts. 65°CA. 33.07-33.35, qz vns, strong alt'n; 2-40°CA 1cm qz vns, w/ strong argillic alt'n, pastic @ ~33.10 46.94-47.50: p-t, v. fine grained FLDK @ low angle to CA; 3cm wide, possibly fine grained or single clast. 51.26-54.56 stkwk flooding; also @ 56.36.						

CME

Hole No.: 97-56

Scale	From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
		(QZMZ, cont'd)	74.30 – 82.70 ALT - M 82.70 – 88.85 ALT - S, centred on fault/fault planes, clay alt'n on fracs. 88.85 – 88.89 ALT - M/W; w/ variable zones of fresh QZMZ 88.89 – 93.88 ALT - W/N	@87.90 shear/fault ~35°CA. @88.30 strong alt'n, shear zone 45°CA						
	93.88 – 95.46	ANDS; med green to olive coloured; porphyritic, wk moderately recrystallized groundmass.	Variable alteration, strong bleaching near UC; In general ALT - M.	UC 45°CA. 94.84 – 95.46 stockwk of 5-10 % sheeted ANDS w/ qz-Sx veins; py, py, pass sub/aspy (v. fg grained - coarse) relatively abundant Shearing ~ 35°CA; Sx 10 – 15%	07353 07354 07355	92.66 – 93.88 93.88 – 95.46 93.46 – 96.83	1.22 1.58 1.37			
	95.46 – 99.48	QZMZ; typical unit. 98.37 – 99.21 FELS phase in QZMZ, fine grained, K-spar alt'n (pat)	ALT - W/ locally M; propylitic	@96.66 qz vn, wht massive, barren w/ Sx on sheeted selv; 2cm/00°CA						
	99.48 – 102.75	ANDS; porphyritic; wk qz-cb stkwk (resistant recessive)	ALT - W.	V. rare py (<<1%) UC v. low angle to CA (< 10°CA) LC 40°CA						
	102.75 – 105.38	QZMZ;	ALT - W, inter K-spar alt'n giving rose pink rock. Otherwise relatively fresh-looking							
	105.38 – 106.03	ANDS, typical porph unit.	ALT - W	Py ≤ 1%, disseminated UC - 35°CA LC - 20°CA						
	106.03 – 107.70	QZMZ. @107.25 ANDS 4cm/25°CA	ALT - W, K-spar.							
	107.70 – 112.17	ANDS; wk qz-cb stkwk	ALT - W/M, locally bleached to olive colour, incr py assoc w/ bleaching but still <1%. Incr'sm in fine stringers & fracs.	Py rare <1% UC 15°CA; LC sheeted, 50°CA.						

CME

Hole No.: 97-56

Scale	From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	112.17 – 123.69	QZMZ;	ALT-M; increased prop to wk seri; (fsp) No K-spar alt^{n} Incr sil content.	@112.73 qz flood, vn Arg, sheared.						
		@113.40 narrow ANDS dyke/sills 1cm/45°CA								
		114.29 – 114.70 FELS.	112.90 → ALT-W, just prop. of MS v. wk seri.							
		114.71 – 114.81 ANDS dyke 7cm/40°CA sheared. – ALT-M								
		119.17 – 119.57 ANDS dyke., ALT-W UC-25°CA / LC-30°CA								
		123.39-123.49 ANDS, ALT-M, 6cm/30°CA								
	123.69 – 125.71	ANDS, purph.; wk-mod qz-cb stkwk	ALT-W/M; fractured; green seri phenos hematitic, pale red/pink in fract and general alt^{n}	Rare py (<1%)						
	125.71 – 132.18	QZMZ;	125.71 – 126.75 v. foliat^{n} fractured & qz flooded, pass sheared brown colored. ALT-M/S.	UC v steep, qz-cb vning, 85°CA.						
			Increased argillic alt^{n} w/ sericitization (pale green) of fsp.	@127.00 dk seri/clay ± Sx stringers in sheared QZMZ						
	132.18 – 135.86 (approx)	ANDS, typical porphyritic, v brown due to Sx oxidation, wk qz-cb stkwk	ALT-W/M	ANDS is quite fract'd/faulted						
				@134.60 qz-Sx vn in faulted ANDS Sx of py, stib, aspy?; v. brec'd, AND w/r w/ Sx up to 10%						
				@135.30 v fract'd/faulted core in ANDS; only qz-cb vning assoc.						

CME

Hole No.: 97-56

Scale	From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	135.86 – 153.00	QZMZ, v. bleached, to pale green/white. Fairly atypical colour, texture of QZMZ. ~140.00 becomes more pink, large fsp xtals, almost porphyritic, weakly sericitized. 143-145.60 v. felsic phase, 3-4mm sericitic fsp	ALT- M, strong bleaching and seri alt of fsp pieces. @146.15 zone of "fresh" magnetic QZMZ, also @ 145.45 + 146.75. 152.10 – 155.00 ALT- S, v. bleached, pyritic	Rare py (<1%). @147.20 shear, Arrow 30° CA. 153.35-153.00 10-15% diss py near contact, common yellow/orange alt halos around py dissemination & hairline veinlets- poss As-or						
	153.00 – 167.50	ANDS, porphyritic; mod qtz-ab stwk.	ALT- M; locally S + W. V. bleached, esp near contacts. 146.40-146.80 ALT- S/V	UC v. pyritic ~10%. @154.90 fract/felsic band; post v. fine diss py. 6cm/65°CA. @153.70 qz vn, massive gash infill; pale pink/purple clear qz; vuggy with ~2.5°CA, pinches out. 146.40 – 146.80 FLT- PN	B19545	152.37 – 153.77	1.44	0.02		
		QZMZ; v. stained alt'd; possibly v sulphidized, but v. fe stained – dk blue-grey resin to core, sheared LC w/ BX, 15°CA.	162.52 – 163.44 ALT- V/S; stockwk w/ wedge of QZMZ	164.44 – 164.72 Sheared ANDS w/ fg tension infill qz @ 47-45 units	07356	162.52 – 163.44	0.92			
	167.50 – 178.92	RFP, tan to buff coloured, relatively homogeneous, massive.	ALT- M, seri alt's give subtle greenish cast to core.	UC sheared against ANDS 70°CA – strong BIF; alt'd; wk flow banding at contact zone area w/ spherulites. Flow banding 40-45°CA. Flow banding near LC 40°CA. LC sheared: 30°CA.						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
178.92 - 181.34	QZMZ; typical; wk sericitic ± proximity to UC.	ALT- M/S; incr. argillic alt'n	Py ~ 2% Py near upper contact						
	180.75 - 181.05 ANDS dyke; ALT-M, UC 40°CA, LC - ? (broken)								
181.34 - 182.30	ANDS.	ALT-M							
182.30 - 183.68	QZMZ	ALT- M/S							
183.68 - 186.91	ANDS	ALT- W.							
186.91 - 187.79	QZMZ	ALT-M.	LC sharp, 75°CA.						
187.79 - 188.94	ANDS. (v. brown ave to sfc exposure)	ALT. W/M							
188.94 - 191.32	QZMZ	ALT- S/M; ; bleached.	@ 188.98 qz-py vn: mass wht w/ coarse asscn py ~ 5%; vn offsetted 5mm/30°CA	07357	188.94 - 190.19	1.25			
	Low angle FLDX/RHYL? over 1 cm along core axis - poor recovery			07358	190.19 - 191.14	0.95			
191.32 - 228.90	RHYL; flow banded upper/lower margins (though quite weak) w/ corr of OFP.	ALT - M; seri ± clay wk (incl flow bands/fractures)	UC zone w/ py ~ poss asspy, v fn py disscm, cubic generally throughout the entire unit, small stringer veins of py	E195446	191.14 - 192.46	1.32	1.71	Note as seen 191.14 m.	incorrect from log book; should be
	191.32 - 194.90 Flow banded RHYL		Flow banding typically 40°CA.						
	194.90 - 200.86 ROFP.		@ 201.91 py ~ 5%.	07359	192.46 - 193.78	1.32			
	200.86 - 203.07 RHYL, ro qz eyes, still fsp, flow banding, fgnitic								
	203.07 - 218.70 ROFP; through qz eyes quite rare towards end								
	218.70 - 228.90 Flow banded RHYL; v. distinct, low angle to CA banding (5-20°CA)		@ 205.30 seri rich shear 40°CA.						
	Py common ~ 2% as disscm patches; may be also v. fn grained sx along flow bands!		214.00 - 216.70 wk flow banding						
	@ 223.20 - strong flow bands enc, though still common below; less ok bands, generally lighter tan to pale green.		@ 218.95 coarse cubic py along wk CC or frac plane.						
			Dark bands in RHYL may be SX; silvery glitter on sm polished faces - asspy? sfs?	09678	223.73 - 224.36	0.64	0.13		
				07360	224.36 - 225.24	0.88			

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	(RHYL, cont'd)								
228.90 – 230.54	QZMF, sheared,	ALT-X; heavy seri alt'n, forming internal shear bands	@ LC prominent flow-bands 30°CA Flow bands // to contact w/ QZMF.	07361 07362	227.90 - 228.90 228.90 - 230.54	1.00 1.64			
	229.00 - 229.20 dk xeno - ANDS?, alt'd and medium hornfels; no vis. sx.								
			@ LC another xeno, dk grey w/ hint of purple, as described previous, LC w/ clay alt'n, sharp 45°CA	07363	230.54 - 232.38	1.84			
230.54 – 247.60	RHYL; flow banded near contacts, fairly homogenous and massive w/ locally abundant sulphides of py, sph, poss arsp and stib	ALT. M/S.	Flow banding @ 232.00 50°CA.						
	230.54 - 232.75 flow banded RHYL								
	232.75 - 240.50 RHYL w/ SX - wk lamination								
	240.50 - 247.60 (approx) flow banded RHYL		Narrow SX unit may contain quite coarse black sph w/ py! Py is fairly evenly disseminated through the RHYL						
247.60 – 246.58.	V-rusted unit due to str exposure, actual lith difficult to ascertain. Appears to be close to RHDC - porphyritic, some qz eyes, greenish matrix to locally pale tan/green	ALT- M/W - except for str alt'n, appears quite fresh through no magnetite	Py, sph + poss tetr common as traces - up to 3% -	07364	243.53 – 244.16	0.63			
	Some pinks pinkish - sanidine?		Aforementioned sph occurrences may be tetrahedrite which would explain anomalous (though low) Ag values in flow-banded RHYL						
	Some ANDS @ LC, v. narrow.								
246.58 – 250.67	ANDS, massive, homogenous, fine-grained v competent;	ALT - W	Py ~ 1%, finely disem cubes.						
*	*This may be correlatable w/ the massive bleached/silicified magnetic ANDS dyke in GH03-2 near main shear zone!								
	↳ Confirmed @ a near LC, v. magnetic; Magnetism continues into QZMF tuffs as seen in GH03-2!		LC sharp, not sheared (intrusive?) 50°CA.						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
250.67 - 259.77	QZMZ; appears sheared yet fresh looking magnetic	ALT - W/M.	258.07 - 252.40 v. magnetite rich (strong magnetic response); magnetite still present but decr towards 258.77.						
	251.30 - 251.70 bx'd ? FLDK, K spar alt'd.								
258.77 - 260.59	QZMZ,	ALT - M; prop and wk seri alt'n increasing to S by end of interval		09732					
				09682					
				09733					
	259.99 - 260.04 AND'S dykE			09679					
	260.29 - 260.59 Sheared QZMZ			09734					
260.59 - 263.03	RHYL; pale tan to greenish wk abundant narrow Sx veins & stringers (pressure silt)	ALT - S	Dissem py ~1%, Pressure silt veins 3% wk pinkish py - cpy - sfb (?)	09735					
				09736					
				09680					
263.03 - 263.66	QZMZ/RHYL; v sheared contact zone, dk grey matrix w angen.	ALT - X.		09681					
				09738					
263.66 - 287.73	QZMZ, sheared	ALT - S, locally X, primarily seri, wk qz flooding & local sulphidation.	Py 2 - 5%; v. fine grained dissem. assoc wk qz flooded QZMZ	09739					
				09740					
				09683					
			265.47 - 266.89 Mylonite shear zone.	09741					
				09684					
				09742					
			272.44 - 273.85 quite sulphidized QZMZ fine-grained py (assoc wk wk qz flooding; 10 - 15%	09685					
				09743					
				09744					
			Sx common below though decreased somewhat	09686					
	@ 273.90 narrow ANDS vein 0.3			09745	285.18 - 287.53	2.35			
			275.90 - 276.80 v. strong silicification	09687					
				09746	289.26 - 289.60	0.34			
	279.20 - 279.50 ANDS			09688					
	279.75 - 280.05 ANDS			09745					
				09689					
			@ 283.15 narrow agglomeratic band						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
		285.18 - 287.73 v. blocky & core, wht to pale green.	@284.80 qz va, barren, wht 1cm/25°CA.						
287.73 - 289.26	ANDS dyke., strong qz-cb stkwk. porphyritic	ALT - S ; ser.							
289.26 - 300.90	QZMZ stkwd ; qz-cb flooding or stockwork	ALT - X, dominantly ser. w/ locally strong clay alt'n in strong shears and all frac sets	Rare diss py (<1%)						
	294.65 - 294.90 MALT, dark matrix w/ qz va frags and QZMZ frags.								
			298.80 - 300.38 Strong FLT-Z, decomposed QZMZ & minor ANDS to v. small frags (<1cm), v. friable, minor qz. Py 2-5%, diss'm & vnlts						
	300.38 - 300.45 ANDS, pyritic, 5% diss'm ands.								
300.90 - 305.67	ANDS: porphyritic, pyritic to 5%	ALT - S/X	Py 5% diss'm cubes & patchy						
	303.05 - 303.60 QZMZ, ALT-S		Py decreases after first QZMZ inclusion to ~2%.						
	304.30 - 305.04 QZMZ ; ALT-S. Contacts w/ ANDS/QZMZ subp, unsheared & (minor)								
305.67 - 329.63	QZMZ ; relatively unsheared ; occasional ANDS frags.	ALT-S/M - strong ser. qz-musc'd, minor cb	Wk py (<1%)						
	309.40 - 309.50 ANDS frags, sheared w/ qz infill in tension gash, minor py, pos sph(?)		@310.30 qz va, barren, white 1cm/50°CA, py in wlk.						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	(QZMZ rubble)		@ 314.06 qz vein w/ K-spar alt'n on FLDK (1cm/60°CA)						
			314.40 - 314.85 shear zone, near contact w/ ANDS, QZMZ. ALT-S/X, 45°CA,						
	314.85 - 315.08 ANDS dyke.	315.08 - 315.36 ALT-X. (QZMZ)	@ 314.75 qz vn, minor py in w/r. 1.5cm/30°CA						
	316.24 - 316.49 ANDS dyke/xenos.								
			@ 318.40 qz flooding/vn w/ fn disseminated py (3%) over ~ 2 cm., shear plane.						
	327.54 - 329.90 FLDK; shear contacts, pink, fn-grained (K-spar alt'n); UC - 45°/LC - 70°	329.90 - 329.03 ALT. X. Highly sheared QZMZ: qz veining, clay alt'n on fracs; locally v. brittle	Py - 7-3%, assoc w/ SHR. Z.						
329.63 - 347.94	ROFP; buff to off white, equigranular, v competent, homogenous, qz eyes up to 3mm 5-10%, fsp 5-15%, white. Minor rafted chunks of QZMZ or ANDS, (v. green, highly serecitized)	329.63 - 330.40 ALT-X, assoc w/ contact zone; v. green, completely serecitized. 330.40 - 342.74 ALT - W/M, v. hard, green seri on fracs/hairline, V. pale green rest to core							
	@ 341.07, relict QZMZ, being consumed by ROFP								
		@ LC ALT-X over 70cm, v. seri rich (green)	Minor LC shear @ 342.69 35°CA						
347.94 - 343.29	QZMZ, sheared, w/ qz flooding.	ALT - S	Py 2-3%, v. fn grained.						
343.29 - 344.11	ANDS, porphyritic, magnetic	ALT - W/M.							

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
344.11 – 359.36	QZMZ.	341.11 347.94 ALT - S, decr to M. 347.94 - 348.84 ALT. W, wk magnetite 348.84 350.71 ALT - M, prop a wk seri 350.71 - 359.36 ALT. N/W, v fresh looking QZMZ, strong magnetite.	@344.30 Q2 vn wl py, poss dk grey Sx in vn but exceptionally fine. ~11cm/40°CA; py - W/I.; offset in vn ~2cm. Above vn, core is rugged						
359.36	End of Hole.								

CME

Project name: SKUKUM
Project #: PS60
D.D. Hole #: 97-58

Length (m): 210.31
Grid: UTM NAD 83
Dip: -64
Azimuth: 180°
Core size: NQ

Contractor: CARON
Northing: 6672830.922
Easting: 484446.360
Collar Elev.: 910.

Hole survey type:
Started:
Completed:
Logged by: TN
Date logged: 12/01/03

	Depth	Dip	Azimuth

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0 - 1.22	CASING								
1.22 - 109.08	QZMZ; med grained, equigranular; pink & green where fresh and V magnetic where fresh minor alt'n, dominantly seri w/ wk prop & "colour weathering" str on; magnetite destroyed w/ advan of alt'n Many veins of py/quartz	ALT - variable, fresh to mod alt'n in football assoc w/ qz veining vn's/veins 1.22 - 4.95 ALT - W 4.95 - 6.32 ALT - N 6.32 - 10.92 ALT - W. 10.92 - 42.52 ALT - N. @10.71 ch-qz-ser; tension gash, vn'd 11 - 11.40 Kaspar dominant; and elsewhere, v. wk 36.30 - 36.91 ALT - M - alt' halo 42.52 - 49.04 ALT - W/M "brown weathering" - lam/hem; chlor in seri; local qz flooding/bleaching	Py rare <1%. @6.98 qz-cb vn'lt. 3mm/65°CA @7.63 qz-cb vnlt 4mm/70°CA @8.47 qz-cb vnlt 3mm/70°CA @9.94 chalcedony-cb vnlt; tension gash <70°CA. 5cm - 12mm. @20.00 qz-cb-ser; stockwk vn'lt 2-3mm/80°CA @29.86 chalcedony cb tension gash vn'lt 7mm/ 25°CA; minor cb @31.15 qz-cb vn'lt 4mm/85°CA; strong seri alt'n halo, v. green; also due to narrow ser-qz-cb vn'lt @ 31.30 3mm/65°CA @34.29 qz cb-ser tension gash vn'lt @36.51 qz-cb-sx vn 2cm/85°CA w/a wide alt'n halo; v. fn. sx, minty py, gal; sph. 43.62 - 43.72 fault plane, ground core, w/ cb vn. @ 25°CA (fault orientation); cb vn shows slicks in direction of max dip (25°CA) Reverse fault movement (apparent) @46.01 qz-cb vn'lt 3mm/70°CA						

CME

Hole No.: 97-58

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(QFMP, cont'd)	49.04 – 51.34 ALT-M, bleached & mod ser'i, highly frac'd w/ ser'i infill qz-flooding @ 50.17 & 51.30.	50.55 – 57.05 long frac down CA, w/ qz-ser'i-cb fracture pairs II, highly fract'd w/ ser'i infill/healing						
		51.34 – 58.08 ALT-W/M, somewhat variable w/ local zones of pink K-spar alt'n. ALT-M in immediate areas of cb-qz healing veins	@53.13 qz-cb-ser'n veins w/ bleached alt'n halo; vein 2mm/30°CA						
		58.08 – 60.38 ALT N/W;	@59.78 qz-cb vein, 8mm/70°CA						
		60.38 – 62.74 ALT. W., brown weathering							
		62.74 – 62.95 incr propylitic ALT., S.							
		62.95 – 63.42 ALT- S/X, propylitic alt'n of fsp to clay, v. sharp, abruptly stops @ 63.42 (clay alt'n)							
		63.42 – 64.64 ALT M/W; wk prop, ser'i.	@64.48 qz-cb vein 6mm/65°CA.						
		64.64 – 68.44 ALT W., ser'i w/ wk K-spar., v. wk prop.	@66.15 qz vn 8mm/70°CA.						
		67.10 – 67.25 prop alt'n	@67.06 qz veins.						
			@67.29 qz vn/flooding, diffuse marginal, minor discern pg.						
		68.44 – 69.88 ALT N/W							
		69.88 – 72.65 ALT- S (gradational boundaries), v. bleached to pale greenish yellow							
		70.75 – 71.05 strong fracturing w/ hematitic alt'n over clay							
		71.65 – 72.05 ALT-X, clay alt'n, v. soft.							
		72.05 – 72.65 ALT-S, grad decr.							
		72.65 – 80.87 ALT. M/W; reddish K-spar ± hem alt'n, zones of patchy propylitic where fsp is clay alt'd.	@75.30 qz veins, fracturing; qz-ser'i +SX, multiple II veins over 7cm @85°CA; v. fn pg, poss stk.						
			@80.82 qz veins v. similar to above, qz-SX & qz only veins over 8cm. 70°CA; v. fn pg.						
		80.87 – 82.63 ALT-S/X, propylitic clay alt'n.							

Hole No.: 97-58

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(QFM2, cont'd)	(cont'd) long frac's chalcedony / ser / cb tension gash infill vn.							
		82.65 - 97.60 ALT-M; incr. bleaching, wk-mod ser; "brown-weathering" More typical footwall alt'n as seen in most other holes in the Deposit	85.30 – 86.00 Bxx fault, broken core ser alt'n w/ clay on frac's/fcs						
			@ 82.80 qz-sx vn 1.5cm / 25°CA mass wht qz w/ fin dissem ac'd gpy (25%), w/ pass stb.	09145	86.27 - 89.39	1.52			
			88.39 - 89.10 Fault'd & rubbly; v. broken.						
		97.60 – 109.08 ALT-S/M; incr clay in frac's, v ser.	95.00 - 97.00; qz-ser tension gash infill overprinted along ctct; green, some wk bx'n of QFM2 (enhanced QFM2 frags w/in ser.						
			@ 96.05 fine dissem py, patl alt'n in QFM2 over 3cm (10-15%)	09146	96.01 – 97.90	1.89.			
			@ 98.00 qz in frags, more ser.	09147	98.60 – 99.50	0.90			
			@ 98.50 qz-sx vn 5cm / 25°CA; mass wht qz w/ blue-grey fine grained & stb; + pass alt'n (core split - 1/4 in sample)	09148	99.50 - 100.82	1.32.			
			Below vn QFM2, incr py – 2-3% fine dissem						
			@ 98.94 narrow qz-sx vn/lt, 3mm, w/ probable stb; core highly frac'd w/ clay alt'n						
			@ 100.73 qz-ser vn/lt; in strong ser alt'd QFM2; dissem py in halo, 5%, pass alt'n in vn/lts.						
			@ 100.35 clay slip.						
109.08 – 113.12.	ROF?/ROP; style like Centrall marker; bx much more alt'd, ; QZ eyes ≤ 3mm, grey; fsp v. tagged	ALT-S; pale green ser'n (sericite) but also as preferential flow bands. Vuggy w/ open space cb-py deposition	LC - 40°CA						
			Py dissem throughout and also on frac's; 2-3%.						
			Unit quite frac'd w/ clay, ser, cb. healing						
			Dk-med grey 3x? vn/lts, may only be alt. ser: – stylolitic						
			@ 111.93 bx.						
			LC. ~ 90°CA.						
113.12 – 113.79	DAMAGE ZONE / SMR2	ALT S/X.							
	113.12 – 113.37 QFM2, sheared		V. strong shearing, Mod 11 to CA.						
	113.37 – 113.79 milled AND/S? & fine grained "flow" →	may be milled U. Marker, abutting? @ 113.40.							

CME

Hole No.: 97-58

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
113.79 – 122.14	RQFP; N. Marker, typical unit w/ brown to greenish RHYL matrix; mod to large v. distinct qz-eyes 5-7mm; and distinct fsp phenos, sub-euhedral, also irreg olive coloured inclusions?	ALT- W/M; in general quite fresh, -Zones of incr. seri; wk dusting of lim clay	UC sheared; w/ frags of QZMZ ~ 30°CA; jaggy, Mod fracturing; clay-seri-cb infill LC v. broken, low, irreg contact angle w/ sheared QZMZ; right at contact ox conc w/ some massive aspy (not acid). also py						
122.14 – 123.64	QZMZ, sheared; @123.32 RQFP xenol, 10cm long - fills half core.	ALT- X/S.	Py 3%, dissem throughout; Py/aspy conc@ UC/LC @123.64 py/aspy @ contact of sheared RQFP (Central).	10201	122.14 – 123 84	1.70.			
123.64 – 129.65	RQFP/RQP; Central Marker; fairly typical, more fract'd and wispy qz eyes smaller than N. Marker ≤ 3mm, amb 0.5-1; frag'd fsp.	ALT - M; pervasive seri alt 124.45 – 124.95 pervasive lt'd hem alt'n; pass UC spar.	UC. sheared 30°CA; 124.04 – 124.49 bx down CA. ≤1cm wide narrows downhole and enters wall. @126.54 bx ≤1cm/50°CA @128.17 wk shear/slip. ~ 45°CA 128.20 – 129.03 fx flow banding ~ 40-45°CA 129.20 – 129.44 bx wandering along CA; enters & leaves in saw slab. UC sheared @ 75°CA.						
129.65 – 133.01	QZMZ, highly sheared to bx'd @ UC; pass frags of ANDS in sheared contact. 130.40 – 130.73. MYLT; v. strong shear, dk greenish-brown matrix w/ small mafic QZMZ frags. ALT-X; minor diskem py ~ 3-5%; no obvious sx in matrix - mostly seri-relag. 20°CA. 130.92 – 131.54 BX QZMZ; mostly large qz r.c. frag w/ green seri filled fracs. 131.78 – 132.32 BX QZMZ; as previous though ALT-X; more clay	ALT-S; bleached & qz-flooded, strong seri;	Rare sx, ≤1% 130.92 – 131.10 dk green seri-chl? tension gash infill						

CME

Hole No.: 97-58

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
133.01 - 135.09	ANDS; porph.; mod-strong qz-cb stkwk	ALT-S; bleached; 134.76 - 135.09 ALT-V, v. clayey, bleached; w/ strong ser-alt'd phenos (green).	Pyrite 3-5%.; esstem patches, conc. @ contacts; also few sx veins.						
135.09 - 136.03.	QZMZ, sheared & alt'd	ALT X/S; bleached, w/ ser/qz flooded locally	Py rare < 1%						
136.03 - 137.45	ANDS; sheared; mod qz-cb stkwk.	ALT- S/X; v. bleached; strong ser alt'n of phenos (bright-green)	Py < 1%.						
137.45 - 140.09	QZMZ, sl shearing.	ALT- S/X; v. bleached, locally hard/qz flooded to soft clay alt'd.	Py < 1%.						
140.09 - 140.38	ANDS., porph	ALT - S.	UC, ltrg @ 15°CA. LC, v. ltrg. @ 15°CA						
140 38 - 147.72	QZMZ, as previous Minor ANDS veins. @ 144.67 RHYL; 6cm 140°CA; v. green ser. alt'd ALT-S.	ALT- X/S							
147.72 - 149.12	ANDS, highly sheared/alt'd, porph	ALT-X; v. clay alt'd.	Py 2%. 147.40 - 147.65 complete clay alt'n of fault/shear zone; 147.72 - 148.05 clay alt'd, shear zone. Shear fabric @ 50°CA.						
149.12 - 149.80	QZMZ, sheared.	ALT - S/X	Py rare <1%						
149.80 - 151.22	SHR.Z, mixed QZMZ/ANDS, highly sheared/alt'd	ALT- X; ser/clay							
151.22 - 151.75	QZMZ, v. wk shearing, except @ LC.	ALT- S.	Py - rare <1%.						
151.75 - 158.70	RFP, Sara Marker; mod-to large fsp phenos ≤ 6mm; generally competent and homogenous	ALT- M/S overall; pervasive ser alt'n @ UC ALT X over 4cm. 152.00 - 152.40 ALT S/X. clay/ser	UC sheared 45°CA 152.00 - 152.40 Fault; v. broken, highly alt'd core;						
START PD MAIN 158.70 - 159.55	MYLT / QZ PHY; dark grey v. fissile a...	ALT-X	Py ~ 3-5%. disem in qz						

CME

Hole No.: 97-58

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
159.35 – 160.25	QZMZ,	ALT- S, bleached, v. seri	@159.40 qz vn frag w/ 5% assem py. Vn was ~ 5cm wide.						
160.25 – 160.85	MYLT; dk grey clay/seri matrix w highly alt'd QZMZ frags.; also zone of greenish yellow clay gouge over 4cm	ALT- X	Py dissem 3% – 5%.						
160.85 – 161.15	QZMZ;	ALT- S, v. qz flooded/replaced.							
161.15 – 161.48	MYLT/SHRZ, as previous;		161.15 – 161.25 (approx) strong calcilicsilite zone, v. dk grey/brown matrix, minor entrained frags						
161.48 – 162.08	QZMZ; sheared.	ALT- S/X, v. bleached; seri alt'n.							
162.08 – 162.48	ANDS, porph; strong qz-cs alt'n	ALT-S, bleached, mod seri alt'n phenos							
162.48 – 168.26	QZMZ; wk-mod shearing, generally limited to specific slips or calcilicsilites.	ALT-S/X, v. bleached, qz flooded, seri alt'n, high clay content in fines and core v. decomposed due to sampling.	165.40 – 165.60 (approx); calcilicsilite – totally decomposed in <5mm frags; @166.03 slip/shear – decomposed QZMZ						
		166.75 – 167.05 bleached, qz-flooded. QZMZ, no lam/vein staining							
168.26 – 169.10	MYLT/QZMZ (sheared) inter 7ms of calcilicsilite shears,	ALT- X	@168.49 qz-sx vn. frag w/ aspy + py @168.90 main slip.. highly fract'd						
169.10 – 177.00	QZMZ; as @ 162.48 – 168.26.	ALT- S/X	@169.75 calcilicsilite 2cm/40°CA. @172.18 qz vnlt (ext) 3mm/50°CA. 172.35 – 172.65 MYLT/calcilicsilite w/ minor ANDS, highly sheared. QZMZ frags w/in dk grey matrix @173.05 5m qz-carb-sx frag in QZMZ.						
	173.17 – 173.36 ANDS. ALT- S, bleached.		174.40 – 147.50 probable clay alt'n shear zone, decomposed QZMZ 171.85 – inter. fracs of narrow calcilicsilite						

CME

Hole No.: 97-58

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(OZMZ, cont'd)	175.95 – major qz flooding & highly sheared OZMZ	@176.15 MVLT / BX ; dk matrix, entrained qz frags.						
	176.50 – 177.00 MVLT, v. strong shearing, entrained, rounded, milled QZ & OZMZ frags) Wk. py <1%								
177.00 – 178.85	RHYL; no phenos v.i.s ; v. pale green to off white.	ALT-S/M ; seri pervasive.	177.00 – 177.45 abund dissem (patchy stb ; v. fn grained ; nt mesh texture like aspy, but lite grey. @ uC ~ 50% , decr to 10% by 177.45'. Numerous hairline stylolitic SX visible through RHYL, most stD Dissem py through unit 2%. @177.80 Long "blades" infill by stb + cb/qz ; soft ; brown streak when scratched						
178.85 – 179.30	OZMZ; highly sx'd @ uC for 25cm w/ stb, dg. aspy. ~ 20-40% over interval.	ALT-X/S ; v. bleached OZMZ	Massive stb'd aspy in qz-flood – replaced OZMZ						
179.30 – 179.60	ANDS; mod qz-cb stkwk.	ALT-S/X ; bleached,	Minor SX, py only ~ 2%.						
179.60 – 180.25	OZMZ; altered.	ALT – S.	Rare SX. <1%.						
180.25 – 181.00	ANDS, with minor intermixed bleached OZMZ (<10%) Mod qz-cb stkwk.	ALT-S, v. bleached	Locally abund aggregates of py in 1cm area. Overall <2%.						
181.00 – 183.08	OZMZ, as previous	ALT-S.	Py <1%						
183.08 – 184.75	ANDS; porph. (but wk or suppressed due to alt, mod strong qz-cb stkwk to absent (in SX 70%!) 182.08 – 183.25 Typical alt'd bleached ANDS dike altered, porphyritic 183.25 – 184.75 Incr. sulphidation w/in ANDS, minimal associated qz veining. Sulphide replacement or halos around results of qz + sx extensional veins	ALT-S	184.07 – 184.30 Heavy SX (aspy-py) 35-45% ; minor cis py.						

CME

Hole No.: 97-58

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
184.75 – 185.40	OEMZ;	ALT-S, v. bleached, v. seri, qz flooded	Py < 1%						
185.40 – 185.91	ANDS; typical bleached alt'n unit Mod qz. cb stkwk 185.73 – 185.78 OEMZ xeno(?).	ALT-S	wk sx 1%, py.						
			@ 185.82 slip plane, clay gouge.						
185.91 – 188.15	OEMZ.	ALT-S; v. pale bleached; aband qz; pale green pervasive seri.	@ 186.51 qz vnlt 8mm/65°CA w/ diss py cts sph + aspy w/in vn and wk sx halo w/ diss py v. fine aspy + py. ~ 2cm halo						
			187.95 – 188.15 mod sx OEMZ. 15% diss py + aspy, single qz vnlt @ 188.10 2mm/60°CA.						
188.15 – 190.63	ANDS; variably sx'd.	ALT S/X							
	188.15 – 188.55 SX ANDS. 25-40% aspy + py; narrow qz vnlts. cts reqd	Porphyritic texture suppressed by sx - but still present	@ 188.37 qz vnlt w/ heavy sx halo (aspy) ~ 2cm wide, vn w/ cts sph in vn; up to width of vn						
	188.55 – 189.20 wk sx ANDS, patchy zones w fine diss aspy, mod qz cb stkwk.								
	189.20 – 190.63 mod SX ANDS; fine narrow qz vnlts w sx halos; qz. cb stkwk still present - overprints mineralizing qz vns (see @ 189.55). Sx - 15-25% V. fine acic aspy some cts py.			*	NOTE CORE BLOCK MARKING ERROR: Block marked as 190.05m - should be 190.50m, therefore collection 189's in sample DB Existing DB sample B195579 189.20 – 190.25 should be changed to 189.20 – 190.63 → (this sample is 13.23 g/t Au) and sample B195580 190.25 – 192.15 should become: 190.63 – 192.15				
190.63 – 191.10	OEMZ.	ALT-S; v. seri, v.ss bleached.	Py < 1%						
191.10 – 191.57	ANDS. porph; mod qz. cb stkwk	ALT-S.	Variable SX, from v. low to mod sx (aspy + py)						
191.57 – 192.15	OEMZ;	ALT-S	P_y ≤ 1%						
			@ 191.88 qz vnlt. 3mm/~70°CA						
			@ 192.10 diss aspy in OEMZ, ~ 5%						
192.15 – 192.90	ANDS; porph; strong qz. cb stkwk	ALT-S.	192.15 – 192.30 mod-strong SX						
	192.15 – 192.30 SX ANDS		@ 192.25 qz-sx vn; ass w/ qz w/ abund aspy/sph in vn + py; Vn margins irreg. 1cm wide; 50% sx in vn						
	192.30 – 192.60 ANDS typical w. sx halo.								

Corrected 12/10/03 J.V.

CME

Hole No.: 97-58

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
192.80 - 193.30	QZMZ,	ALT-S; bleached, v. seri.	Sx 5-10%. 193.00-193.15 Sx QZMZ; 2 qz vnlts, 3, 2mm wide w/ Sx halos. up to 20% py+sph						
193.30 - 194.15	ANDS; mod to strong Sx; wk qz cb stkwk, several narrow qz vnlts w/ Sx halos, erratic anastomosing orientation 193.30-193.40 ANDS, olive, bleached 193.40 - 194.00 Sx ANDS 194.00 - 194.15 ANDS, olive, bleached.	ALT-S	Py+sph 15-30%.						
194.15 - 210.31	QZMZ; v. typical alt'n unit	ALT. M/S.; "brown weathering" limonite, mod seri; wk qz flooding	Py rare <1%. @198.31 qz-cb tension gash infill 198.80-199.00 low angle fract, wk qz flooding w/ assoc Sx, immediately cloud fract. 5% py+sph @200.43 narrow qz vnlt, wk Sx halo (1g only) 2mm/80°CA; also @ 200.89, 201.07. 203.92-204.02 shear, wk calcitic clay alt'n, 5cm/30°CA @206.92 qz vn 1cm/40°CA; chl+clay						
210.31	END OF HOLE								

CME

Project name: Skukum
Project #: C056C
D.D. Hole #: 97-59 (Relog)

Length (m): 190.04 — see note page 8.
Grid: UTM NAD 83
Dip: -55°
Azimuth: 180°
Core size: NQ

Contractor: Caron
Northing: 6672830.922
Easting: 484446.360
Collar Elev.: 910.

Hole survey type:
Started:
Completed:
Re. **Logged by:** TV
Date logged: 11/20/03

Depth	Dip	Azimuth

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0 - 0.61	CASING / NO CORE								
0.61 - 78.55	QZMZ; med-grained, equigranular; pink and green (coloured when fresh); v. magnetic where fresh; alteration variable	ALT - variable; localized zones of propylitic to argillic alt° around qz veins; wk lim. dotting; v. wk. bleaching / qz overprint.	Py trace <1%.						
			@ 43 qz-cb vnlt w/ 10 cm alt° halo						
			@ 206 qz-cb vnlt, 3mm / 80°CA, w/ 30cm alt° halo.						
		21.00 - 37.42 ALT - N, v. wk propylitic alt°							
			@12.25 qz-cb flooding						
@17.70 face of DIKE? xenos									
			@22.12 minor ct-qz vnlt w/ sericitic alt° selv, wk margin.						
@27.65 DIKE? xeno, ~10cm; Mineralogically looks similar to QZMZ but finer grained									
		@30.94, 31.85, 32.36; v. green ser. alt° halos around narrow qz-cb vnlts (<5mm)	P						
		32.42 - 39.26 ALT - W; incr silica, incr propylitic and K-spar overprint							
		39.26 - 39.88 ALT - S; v. bleached QZMZ pale white and green; w/ minor py	39.26 - 39.88 SHR-2; py 1-2%, minor clay on frac sets.						
		39.88 - 40.97 ALT - M; still slightly pale.							
		40.97 - 43.54 ALT - M; strong K-spar and/or hem alt° overprint of propylitic.							
		43.54 - 44.20 ALT - S/M; pale, bleached w/ clay alt° on frac planes.	43.54 - 44.20 SHR-2; @43.64 shear / fault; 1% py 50°CA @44.16 shear / fault. w/ qz vn. Ag and Sx (<5%; commonly py)						
		44.20 - 49.56 ALT - M, strong propylitic w/ hem/lim? mafic K-spar.	@45.09 clay alt° around frac.						

CME

Hole No.: 97-59

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(QFMP, cont'd)	49.56 - 79.55 ALT - W., zones of partially fresh QFMP reappear; decreased propylitic & K-spar. grade.	@ 58.90 shear w/ chalcedony 30°CA.						
		53.30 - 53.45 ALT - M/S, bleached (nil Fe).	@ 59.19 shear w/ abund seri, cb - qz. v/cm/30°CA.						
			60.17 - 61.36 "crackled" QFMP w/ infill by (fe-rich) cb + qz, minor lim alt°, hairline fracs oriented sub-// to CA; up to 2mm wide.						
			61.86 - 62.16 more cb tension gash infill vnlts; different than previous, longer, less hem.						
		65.81 - 66.06 from QFMP	Cb stockwk continues variably down hole to at least 66.60m.						
			67.37 qz - stk (?) vn. 5cm/45°CA. stk occurs along outside edge of vn w/ a wnt qz rind, both upper lower va margins sheared w/ strong clay alt°; seri alt° halo on top of vn.						
	77.30 - 79.55 Sheared QFMP (immediately above contact w/ RHYL dyke (N Marker)		77.30 - 79.55 shearing marked by narrow dk clay-seri ± sx shears (cataclasites)						
			678.25 QP-sx vn. 2.5cm/30°CA; mass white w/ minor disem asPy; probable stk; and py in w/r; upper/lower contacts/selvs. sheared w/ dk clay-seri						
			@ LC, strong shearing. 40°CA.	09026	76.20 - 77.36	1.16			
				09027	77.36 - 78.55	1.19			
78.55 - 81.24	RQFP - atypical of N. marker, more like Central, smaller qz eyes and less abundant v. pale green to off white matrix; fsp phenos indistinct.	ALT - M/W; heavily frac'd w/ clay alt° common along fracs. Seri causes pale green colour.	UC 40°CA	09028	79.55 - 79.80	1.35			
			79 - 80.52 FLT - ?	09029	79.80 - 81.24.	1.44			
			LC. 40°CA., sheared						

CME

Hole No.: 97-59

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
81.24 – 83.70	OZMZ, highly sheared; almost MYLT; numerous dk sericlay bands.	ALT- S/K; v. clay rich qz-flooding mod	Py 2-3%;	09030	81.24 – 87.71	1.47			
			@82.03 qz vn/flood ~1cm/50°CA	09031	82.71 – 84.56	1.85			
		82.40-82.70 pale, bleached OZMZ	82.40 – 82.70 py ~ 3-5% in stringers and disem patches						
	82.71 – 82.94 ANDS; sheared w/ strong cb-qz tension fill stkwk.								
83.70 – 84.56	ANDS; sheared, strong qz-cb stkwk, porphyritic w/ mod green phenos	ALT- M/S. brown lim dusting on core.	Py 2-4%, disem.						
			UC sheared 55°CA.						
	84.48 - 84.56 narrow OZMZ zone @ intermittent contact.		LC 75-80°CA.						
84.56 – 91.59	ROFP; (typical N. Marker), large distinct grey-blue glassy qz-eyes and distinct eu-subhedral fsp phenos. in tan brown RHYL matrix., to greenish matrix	ALT- W; light lim dusting on core; wk/lim alt concentrating on/near fsp phenos.	Rare py; ≤1%						
			LC 25°CA.						
91.59 – 92.02	ANDS, sheared; porphyritic, but expressed near UC. ave to sl. flooding.	ALT- S; highly bleached, qz-flooded, esp near/at UC.	UC v. silica-rich, wk sw (py) v. frac'd; some clay alt						
92.02 – 93.92.	OZMZ, sheared.	ALT-S, rich seri locally, w/ general moderate pervasive seri alt^; mod qz-flooding. lt bleaching							
93.92 – 102.90	ROFP; typical central marker; smaller & less abundant qz-eyes as North marker, ragged, sub-euhedral fsp phenos; some alt'd to clay and weathered out to form minor pits/vugs; RHYL matrix v. pale tan to buff coloured.	ALT - M; seri overprint, minor clay on fracs, some clay alt^ of fsp phenos.	V. fine disem cubic py <1%						
		@97.35 wk hem or K-spar alt^ over 20cm, wk differential bending; also @ 99m and elsewhere	@100.80 flows bending 25-30°CA.						
			@101.45 zone of 5% disem cubic py (~2cm)						

CME

Hole No.: 97-59

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
107.90 – 109.42	QZMZ, mod shearing, generally localized on shear planes - little internal ductile deformation @104.05 1cm wide / multiply offset APLT/FLDK ~20°CA	102.90 - 105.16 ALT - S; strong ser; qz-floodé; 105.16 - 105.66 ALT-X - heavy clay alt'n, v. soft core 105.66 - 109.42 ALT - S; locally v. clay alt'd, but over narrow widths or on fracs	@ 102.80 Planar dmy ~35°CA LC - 65°CA Rare py <1%. Fracs generally coated w/ clay. 105.16-105.66 SHR.Z; 3-4cm cataclasite @ 105.16 and <1cm one @ 105.40.						
109.42 - 109.82	ANDS; porph., mod-strong qz-cb stkwk. Highly sheared UC/LC;	ALT-X; v. ser. alt'd; phenos bright ser. green.	UC sheared, clayey. ~60°CA LC, sheared, gouge below contact 30°CA						
109.82 - 110.60	QZMZ, v. sheared, alt'd	ALT - S/X, qz flooded zones to v soft chl-ser zones.	@110.25 shear zone - decomposed QZMZ into flat frags (fissile)						
110.60 - 111.95	RHYL / RQFP; small (<2mm) qz eyes; (similar to Central Member) w/ minor to rare fsp phenos. Appears to have internal ductile shearing	ALT - S; v. bleached, pale green 111.08 - 111.47 Red alt'n overprint - Kspar or hem; v. clay rich.	UC sheared, ~45°CA 110.90 - 111.05 narrow sx veins, minor py. @ LC; fissile decomposed dk grey frags; probable cataclasite completely weathered.; no. orientation visible.						
111.95 – 117.25	QZMZ; sheared; w/ narrow zones of dk clay-ser: cataclasite shears. @115.05 APLT/FLDK. v-fn grained, pinkish; dyke; ~2-3cm wide @115.27 narrow ANDS "dyke" or xeno.	ALT - S/X.; locally abund clay, esp on fracs.	111.95 - 112.78 FLT.Z; broken core, lots of clay on fracs. 112.60 - 112.80 cataclastic shears <5mm; oriented sub-11 to CA. @114.70 some clay on frac/fault/shear zone. @116.62 Steep w/ yellow alt'n mineral (AS-OX?)						

CME

Hole No.: 97-59

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(QZMZ, cont'd) @ 115.37 APLT/FLDK.								
117.25 - 121.56.	RFP; fairly typical S. Meston, absence of qz eyes, sub-euhedral fsp laths to 30%. Pale green pitted/vuggy matrix	ALT-S; mod. strong seri alt'n + abund clay on fracs; core vuggy & pitted	Py <1%. @117.77 narrow sx vnlt w/ thin massive py; also on other fracs						
		119.10 - 121.16 ALT-M/S; generally more competent, less clay alt'n, no vugs or pits.							
		121.16 - 121.56 ALT-S; v. seri rich sheared, flow-banded.	@ 121.75 flowbanding ~75-30°CA @LC ~45°CA.						
121.56 - 130.96	QZMZ, sheared	ALT-S/X; v seri rich variably qz-flooded (more + soft sections with rare)	Py rare <1%.						
		126.15 - 126.65 v. altic (ALT-K) QZMZ texture obscured by seri + ductile shear fabric							
		@ 128.60 hem alt'n in fracs							
130.96 - 131.90	RQP/RQFP; pale to lt green - white <5% dk grey glassy qz-eyes; sericitized ragged fsp phenos.	ALT-S; very sericitic	Py 3-5%, disem cubes. Near LC hairline sx vnlts w/ orange alt'n (hem or goethite)						
131.90 - 133.17	QZMZ, sheared,	ALT-S, v. seri.; pale, bleached qz-flooded	Py ~1%						
133.17 - 137.26.	MYLT / QZMZ; highly sheared QZMZ w/ numerous v. dk brown/grey cataclastic shear bands up to 5cm wide throughout unit (~25-40% cataclastic shear bands) Entrained, rolled & rolled QZMZ frags - disaggregated into qz augen	ALT-K; v. clay rich, esp in matrix of cataclastites, - also rich seri in altic QZMZ frags	Py 3%; fine disem late-stage py cubes in matrix. Cataclastic shear fabric 70-25°CA.						
137.26 - 141.75	QZMZ, sheared	ALT-S; v. seri rich; locally qz-flooded/bleached.	Py <1%						

CME

Hole No.: 97-59

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	138.10 – 138.25 ANDS xcno(?) ALT-S, v. bleached; olive brown								
	139.55 – 139.90 ANDS (xcno) ALT-S (a: ozone)								
	140.20 – 140.45 ANDS (xcno) ALT-S								
			141.30 – 141.75 strong MYLT/QZMZ SHR.Z.;						
141.75 – 143.60	RHYL; mod shearing w/ intense crackle stkwk of qz-sx veins; th veins typically hairline size, but occasionally up to 5mm.	ALT- M/S; v. pale green cast due to ser. alt'n	@LC - 35°CA. Veins of stkwk w/ aspy selvs. (esp @ 143.50-143.60) Dissem cub'ic py throughout unit - 3-5%.						
143.60 – 154.90	QZMZ, sheared,	ALT X/S, v soft, v. ser'c rich; esp completely serricitized	Py 2-3%; dissem aggregates & cubes						
	146.20 – 146.70 ANDS + QZ SX VN. ANDS is highly frac'd to brx'd. QZ-SX veins w/ sph + aspy + py + spk. ~15-25% SX. ALT- S/X		@146.20 15% dissem py @ ANDS contact. @146.55 main qz-sx vn 4cm/50°CA w/ up to 60% aspy+sph; abund qz-sx leaking/flooding into ANDS above. @146.70 15-20% dissem py + aspy. in QZMZ.						
	@147.80 narrow ANDS xcno; ~5cm; 5-10% py; v. intense crackle qz-cb stkwk.								
	148.65 – 149.00 ANDS, ALT-S; v. bleached, olive colour; 5-10% py dissem.								
	150.90 – 151.05 qz-flood rx, or pass narrow RHYL dyke – white; w/ minor dissem py (1-2%)								
			@151.90 qz vn, mass wht, 1cm, w/r lith w/ 20% dissem aspy + py in bleached QZMZ						

CME

Hole No.: 97-59

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
154.90 – 155.95	ANDS; wk porphyritic, phenos qu/fe small; sericitized.	ALT – S, bleached, olive brown	@153.10 qz flooding w/ dissem aspy + py in wlr. Dissem py and aspy, variable 3-5%. @155.70 concentration of aspy @ junction of narrow fract/vnlts. @155.85 qz-Sx vn; highly sheared w/ clay selvs; vn w/ ~30-40% aspy ± stib.						
155.95 – 158.90	QZMZ, sheared	ALT – S/X v. bleached and qz-flooded; where pale (ie now "brown" weathering) Sx tend to occur.	Below vn; 10-15% py ± aspy. 156.60 – 156.90 dissem aspy + py in pale QZMZ. Aspy needles up to 1mm long; py in fine aggregates. @157.65 vnlt of 70% dissem py (~2-3cm wide)						
158.90 – 167.50	ANDS; pale olive to dk grey; porphyritic phenos sericitized to bright green * High-grade ANDS dyke 159.45 – 159.55 QZMZ "dyke" ~ 25°CA	ALT – S; qz-flooded & sericitized, locally sulphidized	Over most of length 20-40% Sx – primarily fine grained dissem aspy needles + localized py aggregates and occasional 5ph dissem w/ narrow qz-vnlts; minor cb infill @159.25 5mm qz-Sx vn ~ 80°CA w/ dissem aspy – most along selvs + into ANDS host; 5ph along vein margin. @160.30 ex example of narrow qz vnlt w/ aspy "halo" @LC bx'd; qz MZ frag; patchy Sx (aspy + py), shearing.						
		160.00 – 160.60 olive coloured ANDS; less Sx; except @ qz vnlts.							
162.50 – 190.04	QZMZ; sheared @167.92 ANDS xenol; brown alt'd w/ qz-cb vnlts.	ALT – S; v. bleached; locally v. qz-flooded; seri rich and locally abund clay.	Py 2-5% @163.35 ~ 5% py, poss aspy in 2cm x 2cm area.						

CME

Hole No.: 97-59

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(QZMZ, coarse)	163.65–164.40 complete silica replacement of QFMZ; slightly vuggy & frac'd w/ green serc on fracs. (Core v. decomposed due to sfc exposure.)	Py 2%						
	[165.95 → core more competent - end of sampling - no decomposition due to sfc exposure]	165.95 – ALT - S/M. v. sericitic; but showing to depth.	166.55–166.85 Dissem sx ~10% py dominant; several narrow qz veins.						
		168.65–169.20 zone of v. rich fsp (sericitized) pale blue-green alt°. QFMZ – 50% fsp here.	@168.34 chalcedony vein; enters/leaves core on same side. – bluish-green.						
		169.60–170.05 complete Sil. replacement of QFMZ.	@169.25 narrow sx zone, probably sulphides v. replaced hairline vein; mostly py. ~ 5mm wide.						
		@171.63 arg. alt° w/ 3–5% py	@169.80 frac w/ qz + orange/yellow alt°. probable iron						
		172.23–172.50 K-spar alt° & chalcedony vein.	@172.20 chalcedony vein.						
		173.80–174.00 Sil replacement of QFMZ	@174.95 – shear plane. ~30°CA.						
	[Note: Block error between 175.26 (575') & 176.78 (580') – no core is missing 5' or 1.52m of core. – Hole length is probably overstated by 1.52m.]	175.48–175.90 K-spar alt°	@175.17 narrow qz vein (irreg.) w/ 10% dissem py						
	Corrected by adjusting all blocks upward, – therefore new hole total depth reported and corrected in DB. – N 11/20/03		175.90–176.20 Fault/sheared w/ qz-flooding						
	Total Depth now 623.5' or 190.0tm								

CME

Hole No.: 97-59

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	176.43 – 176.91 ANDS dyke ; ALT w/M, med green ; v. small serí phenos ; slightly irreg contacts. ~20°CA.	176.43 – EOH ALT – M (QZMZ)							
	177.80 – 178.31 ANDS xeno/eukk., as above.								
	178.49 – 178.70 ANDS,								
	178.91 – 179.17 ANDS.		179.45 – 179.65 low angle to CA APLT / FLDK. ; ~ 1cm wide, v. pink, offset – w/ v. dk chl ; xeluSOMS.						
	180.53 – 181.11 ANDS ; v. bleached, somewhat atypical, with slightly coarser grain than others ; v. slight pinkish (K-spar) pervasive. Wk porphyritic texture w/ most replaced by fg.	ALT – M/S.	Base of ausb mpy @ 180.92. 5mm wide/ 30°CA. ; calcedony walls @ LC. (181.11)						
			@182.49 Qz vnlt 5mm/75°CA, w/ sericitic halo.						
	182.98 – 184.15 ANDS. porphyritic, locally bleached to olive brown colour UC – 35°CA, LC – 35°CA.	ALT – M/W.	@183.05 pink calcedony-cb vn 4cm/40°CA.						
	184.40 – 184.60 ANDS ; bleached	ALT – M.							
		186.82 – 187.78 K-spar alt^{n} w/ Sil flooding/replacement ; v. pink.							
		187.80 – 189.20 pervasive pink K-spar alt^{n} ; core v bleached "washed out" ; also still sericitic							
190.04 *	END OF HOLE (* see note page 8)								

CME

Project name: SKUKUM
Project #: CP56C
D.D. Hole #: 97-61 (Relog)

Length (m): 192.02
Grid: UTM NAD 83
Dip: -52
Azimuth: 180
Core size: NQ

Contractor: CAQON
Northing: 6672830.712
Easting: 484496.271
Collar Elev.: 902

Hole survey type:
Started:
Completed:
Logged by: TV
Date logged: 11/08/03

Depth	Dip	Azimuth

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0 - 1.02	NO CORE / CASING								
1.02 - 92.63	QZMZ, mod sheared, equigranular, pink + green, Minor MAFIC xenos. V. magnetic	ALT-W. wk chl after mafics v. wk propylitic local argillic alt'n halos around narrow qz-cb-epi veins.	v. rare py <1%						
		29-29.55 ALT-W; prop alt'n/wk arg. alt'n	@ 27.66 qz vn, chalcedonic 13mm/70°CA 5% py along selv/w/r; prop alt'n halo						
		34.40-36.80 ALT-W, propylitic	@ 36.72 qz vn 6mm/75°CA.						
	@ 44.10 AND xeno 3cm.		@ 42.94 qz vn. 12mm/75°CA; py in arg alt'n halo. 2-4%.						
			@ 50.91 shear - gouge ~ 75-80°CA, propylitic alt'n halo.						
	55.52-55.73 FLDK?, fine grained inter QZMZ. Low angle to CA.	51.60- ALT-W, propylitic, -rock show typical brown weathering on surface due to surface exposure; zones of fresh and higher alt'n.	@ 56.2 narrow qz vn 3mm/70°CA						
		60.43-60.66 ALT-M, pale, sericitic, wk qz							
		60.96-61.87. ALT-M, qz flooded, + white/green	@ 60.26 narrow sx stringer, w/ py dissem in QZMZ up to 10cm around 2% py.						
		71.20-71.80 ALT-S, clay alt'n in fmcs; qz flooding							
		@ 73.60 L-spar alt'n							

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	(QZMZ; cont'd)	77.00-79.20 ALT N/W.	@78.60. qz vn. w/ cb, prop alt'n halo 3mm/40°CA						
			80.97-82.87 SHR-2; wisp qz vn & fl wisps w/ incl SX, commonly py; and sheared kNDS dyke.	07392 07393 07394	80.97-81.76 81.76-82.30 82.30-83.82	0.79 0.54 1.52			
	81.76-82.22 ANDS; sheared, porphyritic w/ some incorporation QFMZ, cut by low angle to CA qz-cb ±SX vns & veinlets; 5% py.	@87.97, clay altn on fracs.	@81.24-81.44 FLT-2 w/ clay, poss wk SX v. soft & gouge, 50°CA.						
			@82.34 shear. 25°CA						
			@82.80 qz vn, mass wht of minor dissem stib?, poss aspy, v. fg grained 5% dissem py in wlr. vn is ~1.5cm/70°CA, other qz ± SX vn/fracs below, wk carbonate						
			@91.70 shearing w/ alt'n/clay; also @ 91.90, main ductile shear(?) at approach to RQFP below; v. rare py. ~3cm w. dk/35°CA.						
92.63-97.56	RQFP; (Norm Meeker dyke); qz eye & fsp phenos up to 7mm; qz is dk blue to light blue grey w white or brown-stn fsp; matrix is olive green; Pale green xenos? or poss altd zones — qz eyes & fsp occur w/in these xenos.	ALT-M; seri.	V. rare py, (as 1%). @ LC, frac'd, v. alt'd, ~ 60°CA						
97.56-102.75	QFMZ, wk sheeting, typically rotted by seri alt'n in fracs	ALT-M; seri	@ LC 40°CA, V. rare py (<<1%)						
		@99.78 qz flooding.							
			@102.72; shear, qz-cb inf'll, 5mm/40°CA local qz flood'g						
102.75-111.31	RQFP, (Central Meeker), Pale green to buff Flow banded zone at UC and LC. Qz eyes & fsp phenos smaller than previous RQFP	ALT-M/W	UC irregular, ~ 80°CA Flow banding 40°CA						
			@ LC. Flow banding, 50°CA						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
111.31 - 116.10.	QZMZ, fractured, rubbly fragmented, decomposed core/partial core to SPT fragments; (Possible block error w. Box 21)	ALT - S/K; high clay content, v. sericitic ALT - K 114 - 116.60	Rare py (<1%) 114.00 - 116.60 v. strong SHR. Z; crosses lith boundaries; ending @ contact of RFP. @ 114.65 Bx'd QZMZ, fine diss py (1%)						
116.10 - 116.60	INDS, highly sheared, wk intermixed QZMZ porphyritic; green sericitized fsp phenos	ALT - K.	UC completely clay alt'd, gouggy approx 40°CA						
116.60 - 121.18	RFP, (south wacke); pale green to tan coloured; primarily fsp phenos, rare qz eyes fsp ragged, up to 4mm	ALT - S							
121.18 - 126.69	QZMZ; sheared	ALT - S; seri, clay on frac sfcs. leached qz. fissile, generally bleached, 126.30 - 126.50 qz. flooded	Rare py (<1%) Minor diss'm stib(?) silver-grey metallic, v. localized (<1%), pods trace asfy.						
126.69 - 128.19	RHYL; off-white; bleached;	ALT - S, some seri.	Pyritic, 3%, diss'm cubes; Also dk blue-grey str stringers or pressure solz veins?; py + asfy(?) or stib.						
128.19 - 129.78	QZMZ, sheared	ALT-S	Py 3-5% diss'm						
129.78 - 129.90	RHYL;	ALT - S, vv seri - rich. esp @ UC (green)	Py - 1-3%.						
129.90 - 129.89	QZMZ, highly sheared to bx'd	ALT - X	Py, asfy ~ 2-5%, v. fn diss'm						
129.89 - 130.54.	RHYL,	ALT - S, v. seri rich	Py <1%						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
130.54 – 131.10.	QZMZ; highly sheared and flooded w/ qz-sx VAS;	ALT-X, seri, clay, qz-flooded	Aspy - py ~ 5%.						
131.10 – 136.60	RHYL / RHYP; pale tan. (often weathered to brown); numerous hairline to 2mm wide veins of qz + sx, (blue-gray qz) Shearing accomodated in narrow fracs; infilled a healed (?) w/ seri ± clay minerals.	ALT-S;	Aspy needles, quite large, to ~ 2-3mm. ~ 3%. Py - small dissem patches; ~ 2-3%. Also; fine dissem patches of aspy aggregates or poss sulf, <1%.						
	@136.20 narrow zone of strong ser; altic QZMZ (~7cm); w/ fine dissem py ~ 2%.		@LC RHYL BX.						
136.60 – 137.20	MYLT, w/ minor intermediate QZMZ. (~ 70cm) Dark grey, metallic lustre when wet, dominantly clay, minor py-aspy, or else exceptionally fine grained and invisible under hand lens	ALT-X							
137.20 – 139.80	QZMZ; highly sheared; w/ lesser mylonite shear bands;	ALT-X/S.							
	139.00 – 139.80 Pale, to white QFMZ: this looks like units where aspy is often very common, disseminated throughout and concentrating along grain boundaries, however, no visible aspy or py.		@139.75 qz vn frag ~ 2cm x 2cm w/ aspy						
139.80 – 140.42	MYLT / SHR. Z, v dark, highly sheared cataclasite; few entrained frags, primarily dk clay/seri ± sx	ALT-X	Fabric developed ~ 45°CA						
140.42 – 141.44	QZMZ, sheared	ALT-S/X., strong seri; Poss wk K-spar overprint bleached and silic-flooded	Rare py (<1%)						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
141.44 – 142.06	ANDS; porphyritic, bleached	ALT-S; sericitized fp phenos - qz-cb infill; some qz veining, not discontinuous - qz-flooded	Py ~ 2%; dissem						
142.06 – 143.26	QZMZ, as previous unit Several narrow qz vns & qz-flooded zone; minor py assoc w/ these zones	ALT-S; seri	Py rare (<<1%)						
143.26 – 144.15	ANDS, porphyritic – v. similar to previous unit @ 141.44-142.06	ALT-S	Py ≤ 2%.						
144.15 – 146.76m	QZMZ, sheared, crs'd	ALT-S, locally X. Qz-flooded	144.78-144.98 qz vn flooding w/ poss r.fx aspy+py @ 145.37 dissem aspy needles 145.62-145.97 Strong shearing, Mylonitic - rusticl, milled QZMZ frags/rubble.						
	narrow ANDS frag/seam @ 147.05; 7cm, highly sheared								
146.76 – 147.12	ANDS, porphy	ALT-X; highly sheared & sericitized	Py ~ 1%. @ LC mylonitic shear contact, ~ 1cm wide						
147.12 – 150.27	QZMZ, highly sheared; qz-flooding by vns numerous hairline, dk mylonitic/cataclastic shears.	ALT-X; bleached, qz-flooded, dk seri along main shear planes.	Py 1-2%; tr aspy @ 149.90 mylonite/cataclasite 2cm/60°CA						
150.27 – 151.27	MYLT/SHR.Z.; dk matrix of seri/clay/cx w/ numerous entrained QZMZ frags/augen Also w/ qz-sx vn frags - aspy, py, poss cp; Sph	ALT-X	@ 151.00 & 151.14 qz-sx vn frags w/ grey-blue qz (aspy dissem) + py, Sph.						
151.27 – 156.06	QZMZ; highly sheared & locally sulphidized	ALT S/X; strong seri	151.27 – 153 vn (approx) Py ≤ 1%						
			153.00 – 153.55 Sulphidized w/ aspy throughout QZMZ and assoc w/ qz-sx vning @ 153.46 (poss →)						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	(QZMZ, cont'd)		@153.44 qz-sx VN; ~3cm (no orientation available) 15% aspy UC of vn e. altd w/ clay & yellow orange altn mineral (As-ox?) 153.55 – 156.06 Py ≤2%,						
	@155 3-4cm ANDS xeno.	155.45 – 156.06 ALT-Y, more abund clay	@154.18 slaty bands 30°CA						
156.06 – 157.39	ANDS, pale olive green, porphyritic though texture rather obscured due to alteration	ALT-S/X, bleached and locally sulphidized where Xcut by narrow qz vns wk qz-cb stwst – this is overprinted by later qz-sx vnlts.	156.67 – 157.39 sulphidized ANDS w/ mats of arsc aspy; QZ-SX VNS common, fairly strng w/ SX concentrating in and immediately adjacent the vnlts. Py ~ 5%, Aspy 10% @157.30 qz vn w/ mass aspy along SX lvt.; vn 6-10mm/45°CA.						
157.39 – 167.03	QZMZ, aspy-rich, along w/ py & rare sph.	ALT-X/S, ISSC; bleached & qz fractured	157.39 – 160.00 common mats of aspy needles from 3% to local conc. of 15% (over ≤10cm) @158.40 narrow qz vn w/ sph. @159.10 ~ 15cm zone of 15% aspy 160.00 – 162.50 aspy decr to <1%, py ≤ 1% 162.50 – 167.03 aspy incr. to 1–3% locally; similar occurrences w/ dissem clusters or mats of arsc aspy; dissem py cubes also; SX content decrs down hole to nr aspy, 5-1% py by end of interval						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
167.03 - 168.75	ANDS, porphyritic, brown weathered out to sfc exposures	ALT-S; bleached, sericitized feld phenos (bright green)	In general py ~ 1%; except for area of high suphidation @ 167.55, 15-20% py (asPy in qz-vn (flooded ANDS)						
168.25 - 172.84	QZMZ; wk shearing.	ALT-S; v seri.	Py - patchy 2-3% Localized asPy concentrations in acic mafs, esp. @ 168.92 Assoc w/ pale QZMZ - no brown weathering (iron poor alt?) 170.40 - 172.84; Highly sheared zone w/ MYLT, QZMZ and pcls minor ANDS along w/ QP-SX VNINSh. w/ Py - asPy - Sph @ 170.92 qz-sx vn 30% asPy. @ 171.20 qz-sx vns 35-50% asPy						
		170.50 - 171.80 ALT-X.	171.50 - 171.80 (approx) MYLT SHR. Z; foliation fabric ~ 60°CA FLT_Z @ LC;						
172.84 - 175.90	ANDS; porphyritic, wk qz-cb stkwk.	ALT - S/M; wk sericitized phenos;	Series of wk diffuse bands that appear to be comprised of SX - Gen moderately py; pcls asPy. @ 174.75 qz-sx vn 12mm/45°CA, Some open spaces w/ euhedral qz growth + coarse asPy needles; sph and py also veins above, similar; 174.60; qz-sx vn/flows; w/ asPy, sph, py.	~~X~~ see left side of page - replaced 07395 07396	E85038	172.84 - 174.90 174.90 - 175.90	2.06 1.00		in DB

NOTE: Original log has sample interval as 172.84 - 175.90 - 3.06m (E85038) which probably has diluted the effect of the veins in ANDS; result (0.45g/t) Original sample markings in box suggest a break @ 174.90, but not recorded. — Therefore will be resampled as originally intended — new samples will break original into 2 samples and accurate result.

CME

Hole No.: 97-61

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(ANDS, cont'd)								
	174.80 - 175.03 QZMZ xeno. - ALT-S.								
	175.03 → 175.90 Typical olive-brown alt'd ANDS w/ green seri-rich phenos. ALT - S/M.								
175.90 – 192.02	QZMZ;	ALT-S; decreasing seri prop. w/ alt'd appearing	Py - 5 I To						
		Chalcedonic qz veins show up in QZMZ as transition infill vns.	@176.70 qz flooding w/ Pf stringer						
	155.63 – 181.20 FELS present in QZMZ, pnk, fine grained;	qg @ 182.26, 182.95, 189.04, 182.66, 190.14	@178.00 narrow wht qz vnlts.						
			@180.40 qz vn 6mm/60°CA w/ multiple offsets; Py dissem along selv & into wlr.						
		Inter clay alt'n in QZMZ from 189.90 - EOH;	@186.30 series of qz-cb shear vns w/ qg alt'n						
192.02	END OF HOLE								

CME

G 97-62

Project name: Skukum	Total Depth (m): 161.54	Contractor: Canyon	Hole survey type: Acid T		Depth	Dip	Azimuth
Project # : CP56C	Grid: UTM NAD83	Northing: 6728830.712	Started:		91.44	-34°	
D.D. Hole #: G 97-62	Dip: -39°	Easting: 484496.271	Completed:		156.97	-32	
	Azimuth: 180	Collar Elev.: 902	Logged by: BCW				
	Core size: NQ		Date logged: Oct 03				

Scale	From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	0 - 22.25	QZMZ ALT - M MS CL mafics → CL. HE appears toward BTM - D PF → MS. CB - N, PY - N short sections w KF ALT bleaching. short sections CY ALT FRC related. FRC density - L. Qz & KF alt assoc. ENV phenomena. MG present. subtly PPRY - KF	MS - M CL HE.	PY - N						
	22.25 - 24.33	QZMZ ALT - M mafics → CL, PF → MS. modest HE assoc w mafic sites. KF & silica additions - bleaching Rare FRC ENV w LI dust on PF Qz fill. PPRY	MS - M.							
	24.33 - 26.38	QZMZ ALT - M Dense microFRC marked by Red BRN LI. After HE FRC ENV some. KF ALT on few FRC soft → MS. matrix PF → MS. HE after mafics followed by LI. Red BRN w appearance.	MS - M. HE - M. CL ENVs							

G97-62

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	1 slip @ milled Rx & CY.								
20.38 - 47.5	QZ MZ - ALT - M. PPRY uniform @ KF. PF → MS. Matics → CL Low FRC density. some w MS ENV Limonitic. Q2, Q2C3 fill in v few. MG present	MS - M	PY - N						
47.5 - 56.51	QZ MZ ALT - H PPRY. Bleached section. FRC related ENVs. intensity increase w proximity FRC. KF & QZ additions. Loss of matics. HE - D and LI following. LT Red BRN w appearance. PY - D <1% MG - N. / fresh short interval. FRC density L. micro FRC density - M.	MS - M QZ KF	PY - D <1% PY FRC VLT - L.						
56.51 - 56.62	FLT 50° aa. CY, milled Rx. Bleached. Silica replacement. PY masses		PY						

G 97-62

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
56.62 -59.92	QZMZ ALT - H PPRY Bleached ENV's. QZ KF additions. mafics 10% HE -> LI remain D & FRC films. Light BRN W appearance Pyrite. FRC assoc. 1QZ VLT 65° ca. 1.5cm at BTM. 2% PY.	MS-H	PY-L	8079	59.1-60.5	1.4			
59.92 - 61.18	QZMZ ALT - M Fresher. 1 ENV assoc W QZ VLT 25° ca. PY-N. MG present PPRY	MS-M	PY-N	8080	60.5-61.7	1.2m			
61.18 - 61.7	QZMZ ALT - H. Bleached Mafics -> HE, QZ. PF -> MS KF fresh. HE-D. interval is ENV to 0.08 cm QZ VLT at 60° ca. GY QZ W AS anternal & PY at flanks. LT BRN W appearance.	MS-H	AS-L PY-L						
61.7 - 62.38	QZMZ ALT - M. MG present mafics present. PF -> MS PY-N.	MS-M							
62.38 - 63.1	QZMZ ALT - H. Bleached LT BRN W appearance. ENV to several FRC.								

G 97-62

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	FRC marked by barren QZ and MS bands. Mafics mostly gone. HE-D								
63.1 – 64.0	QZMZ ALT-M MS-M PF → MS partly. KF fresh. PPRY. Mafics present. HE-D-L. MG present	MS-M	PY-N						
64.0 – 66.06	QZMZ ALT-H. MS-H QZ ALT. Bleached. LT BRN w appearance, Multiple FRC micro FRC density-M. QZVLT 2mm-10mm, Epow m. 65° ca As & PY. PY ENV. CY film on FRC.	MS-H. QZ	AS w QZVLT PY w QZ VLT PY-D-2-3%	8081 8082 8083 8084	64.0-65.0 65.0 66.0 66.0-68.0 68.0-70.09	1.0 1.0 2.0 2.09			
66.06 – 66.77	QZMZ ALT-X CY & MS Sheared w G planes, CY ENV. Mafics gone HE-N PY-N	CY-H MS-X	PY-N						
66.77 69.77	QZMZ ALT-H PPRY LT BRN w appearance after LI dust ~~after~~ HE. Mafics gone. MG-N. addit. mod Silica of QZ sites. FRC density-L. Micro FRC-L PY-D 1%	MS-H QZ							
69.77 – 70.0	QZ VLT FRC Fill & QZ overprint PY-5%.	X	PY-H.						

CME

G97-62

Hole No.: _____

Scale	From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	70.0 – 70.09	QZMZ ALT-H. Bleached. BRN Wappearance PY-L. MS bands with SHR.	MS-H	PY-L	8085	70.09–70.65	0.56			
	70.09 – 70.27	SHR. massive MS with 20% segregated QZ. TR PY	MS-X	TR PY						
	70.27 – 70.65	QZVZ. multiple VLT 60°-70° ca. QZ Fill in FRC & overprint QZMZ. 1 Black SX band w QZ 2cm MS-X.		Py 2-3%. AS-N						
	70.65 – 72.9	QZMZ ALT-H MS-H. mafics gone. HE gone. LE stain/dust. BRN w appearance. PF-MS MF → MS partial. PY 1-2% FRC density -L. Micro FRC density L	MS-H.	Py 1-2%	8086	70.65-72.9	2.25			
	72.9 – 76.2	QFPP ALT-L MS-L Both CNTs more intense MS. & clasts. Rip-ups. PY-L. Xenoliths earlier RHYL PPRY. & PF & MF.	MS-L	PY-L						
	76.2 – 77.15	QZMZ ALT-X MS-X BRN Wappearance w LL	MS-X							

CME

Hole No.: _____

Scale	From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
		dusting on altered feldspars PY-L. Qz gash fill near top. proto fabric near top. Diffuse MS bands lower. Mafics almost gone at Top grad to gone.	MS-X	PY-L.	8087	75.66 – 77.15				
	77.15 – 82.23	RLPP ALT - M. MS-M Buff GRNish varying to Pink. PY 1.5%. ME -> LI dusting on feldspars MS increasing down, PY up section. vesicles increase down. MS-X dtLCNT 200ca.	MS-M	PY 1.5%.						
	82.23 – 84.45.	QZMZ ALT - M. MS-M Mafics gone. DK BRN appearance from ME -> LI, LI Red DK BRN variety. marks, dusting and FRC SHR/ edges. PY toward Top Lower 60% rubble broken core. CYALT?	MS-M.	PY-L.	8088 8089	81.9 – 83.1 83.1 – 84.45				
	84.45 – 86.7	QZMZ ALT - X grad down M -> X MS ALT. frequent narrow SHRs with MS planes and CYALT	MS-X							

CME

G97-62.

Hole No.: _____

Scale	From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
		1 MS SHR DK w SX TR AS. MicroFRC density -L.		PY -L AS rare.	8090	84.45 – 86.7				
	86.7 – 87.36	DMGZ. late RHYL on CNT SHR. Resheared CY+MS. -X	CY-X MS-X		8091	86.7 – 87.36				
	87.36 – 89.4	RFPP ALT K DF, K KF. ALT -L MS-L. NE stain on MicroFRC density -L. K have LI dusting after HE.	MS -L							
	89.4 – 89.49	FLT 60° ca ground, milled CY ALT Rx.								
	89.49 – 90.17	QZ V, QZ Z. MS ALT -X silica overprint assoc w structure 75° ca. SX -L. TR PY	MS -X QZ -X	TR PY.	8092	89.27 – 90.42				
	90.17 – 90.6	ANDS ALT -L MS intense microFrc. chloritic.	MS -L		8093	90.42 – 91.8				
	90.6 – 91.8	QZ Z. overprint on ANDS then QZ MZ MS in thin SHR bands LI dust at crystal edges & FRC. matics gone. HE-D present	QZ -H.							

CME

G97-62

Hole No.: _____

Scale	From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	91.8 – 94.19	QZMZ ALT – H. MS – H. QZ ALT. mafics gone remnant HE-D. Addition of silica at QZ sites. PF – MS KF partial PY – N. FRC – M marked by MS, minor CB. 2w milled R, & CY. PPRY			8094	91.8 – 94.19	2.39			
	94.19 94.76	SHR 60 – 70° ca multi planes. MS + CY – X milled RX.	MS – X CY – X							
					8095	94.19 – 95.82	1.63			
	94.76 – 95.82	QZMZ ALT H PPRY PF → MS KF partial. mafics gone. LI dust on FRC, at xtl edges. BRN W appearance. PY – N. HE-D-W.	MS – H.							
					8096	95.82 – 97.18	1.36			
	95.82 98.45.	QZMZ ALT – H. MS – H Silica overprint intermittent thru intervals mafics gone. HE – N LI dust & KF, at xtl edge along micro FRC. Bleached LT BRN W appearance. Shearing and fractional adjustments marked w MS frequent.	MS – H QZ – H.		8097	97.18 – 98.45	1.27			

CME

G97-62

Hole No.: _____

Scale	From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	98.45 – 102.05	QZMZ ALT – H MS-H. BRN w appearance from LI dusting at FRC & xtl edges. MS marks shearing PY local only – L	MS – H.	PY – L.						
	102.05 – 104.33	QZMZ ALT – X MS – X regular frequent BLK mylonitic bands. PY assoc.	MS – X	Tr PY Tr AS.	8098 8099	101.33 – 102.05 104.33 – 106.44	0.72 2.11			
	104.33 – 110.14	QZMZ ALT – X. MS-X. Qz overprint – X localized MS tendency to mass w tensional FRC. Texture of QZMZ ghosted toward center. Shears narrow and mylonitic SHRS w CY toward BTM. 2-3cm PY – L	MS – X local QZ – X	PY – L						
	110.14 – 111.27	ANDS ALT – H MS – H soft, FRC density – M Some QZ kill. AS occurs locally.	MS – H	4% PY AS – TR						
	111.27 – 114.3	QZMZ PRPY ALT – X MS – X. LT BRN w appearance w LI dusting on feldspar sites. FRC density – L MS segregated	MS – X							

CME

G 97-62.

Hole No.: _____

Scale	From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
		on slips/narrow SHR Py variable 1 - 4% TR AS.		Py - 2%						
	114.3 – 114.5	ANDS ALT - H. MS-H Py - 5%	MS - H.	Py 5%						
	114.5 - 119.22	QZMZ PPRY ALT - X MS-X matics gone; HE gone. WI dust on altered feldspars gives LT TERN W appearance Py very 0. - 2%	MS - X	AS TR. Py - L						
	118.22 – 124.18	ANDS PPRY ALT – H. MS-N. Groundmass & K. QZVLT largely assimilated ANDS few Few vw QZ STWK. AS assoc. AS also D-W. Py 6 — 0.5%. Py - D & wsspc w QZ.	H	Py 2% AS 0.5%						
	124.18 – 124.3	QZMZ ALT – X	MS - X	Py 2%						
	124.3 – 124.77	ANDS ALT - H Gashes and vw STWK. AS needles	MS - H.	Py 2% AS - 0.2 %						
	124.77 – 125.0	QZMZ ALT – X	MS - X	Py - L						

CME

G97-62

Hole No.: _____

Scale	From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	125.0 – 125.42	ANDS. ALT – H. MS & QZ – H. STWK QZ discontinuous, wispy QZ filled tensional gashes.	MS – H. QZ	Py 1%.						
	125.42 – 125.87	QZMZ PPRY ALT – X Py local – D	MS – X	Py – L.						
	125.87 – 126.08	ANDS ALT Py – L. STWK & Gashes QZ.	MS – H.	Py – L						
	126.08 – 126.2	QZMZ ALT – X.	MS – X							
	126.2 – 126.32	ANDS ALT – H. STWK QZ Py localized – L	MS – H	Py – L.						
	126.32 – 126.57	QZMZ PPRY ALT – X. MS – X.	MS – X							
	126.57 – 127.6	ANDS ALT – H. MS – H. Gashes, STWK & silica flood. AS assoc in silicification. AS needles Py – L.		AS – 0.7% Py – L.						
	127.6 – 128.7	QZMZ ALT – X MS – X uniform. LI dust on feldspars, on w microFRC traces. Py – L	MS – X	Py – L						
	128.7 – 129.95	ANDS PPRY ALT – H. Gash, STWK and stringer CB – VL. QZ	MS – H QZ – H	Py 1%.						

CME

G 97-62

Hole No.: _____

Scale	From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	129.95 – 130.25	QZMZ PPRY- ALT-X matic sgans, NE gone. ⊂I dust on former feldspars. Py local patches. W fabric marked by MS.	MS-X	Py – 1%.						
	130.25 – 130.56	ANDS ALT. STWK Gash, stringer QZ CR-2. Py <1%	MS-X	Py <1%						
	130.56 – 130.6	FLT G, CY, MS ALT Groundy, milled.	MS-X	Py-L.						
	130.6 – 131.3	QZMZ ALT-X. MS-X Pale GRN. soft. FRC-L Py <0.5%	MS-X	Py <0.5%.						
	131.3 – 131.82	ANDS ALT MS-X Gash, STWK stringer QZ. Py-L	MS-X	Py-L						
	131.82 – 132.1	QZMZ ALT-X Py-L	MS-X	Py-L						
	132.1 – 132.98	ANDS ALT-X. Gash. STWK stringer QZ Py-L localized with silicification.	MS-X QZ							
	132.98 – 133.68	QZMZ. ALT Py-L Py localized patches w 4% Te AS assoc.	MS-X	Py-L						

CME

G 97-62

Hole No.: _____

Scale	From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	133.65 – 134.15	ANDS ALT – H MS Gash w STWK stringers Qz. PY – 1% TR AS	MS – H.	PY 1% AS TR.						
	134.15 – 136.4	QZMZ. ALT – X Pale GRN w LT dusting on feldspars. Red BRN & LT BRN yields BRN w appearance. PY local w silicification 135.7 narrow ANDS DYK	MS – X	PY – L.						
	136.4 – 137.09	ANDS. ALT – H. chloritic & MS ALT v w Qz emplacement on FRC. PY assoc. PY – D also.	MS – H.	PY 2% .						
	137.09 – 138.96	QZMZ ALT – X Pale GRN. PY localized w silicification – D FRC – W	MS – X	PY 1% .						
	138.96 – 139.25	ANDS ALT – H PY 1.5% preference to MS seams STWK – W	MS – H.	PY 1.5% .						
	139.25 – 139.32	QZMZ	MS – X							
	139.32 – 139.36	ANDS ALT – H. PY – 3% . Qz Gash v w hairline Qz. Some PY oxidized	MS – H.	PY – 3% .						

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CME

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Hole No.: _____

Scale	From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	139.36 – 140.4	QZMZ PRPY ALT – X reddy BRN w appearance LI dusting. Rare D HE. PY-L	MS – Y	PY – L.						
	140.4 – 141.08	ANDS. ALT – N. Dense STWK QZ. CB-L PY-D & QZ assoc. AS needles – D	MS – H	PY – 1.5% AS – TR.						
	141.08 – 143.08	QZMZ ALT – X MS – X. Pale green pale green segregations PY – L	MS – X	PY – L.						
	143.09 – 144.5	QZMZ ALT – X MS – X Pale green MS pale green segregations 4 dark MS mylonitic bands totaling 0.68m ± AS near BTM CNT in mylonitic Rx. PY varies 6 -> 0.2%	MS – X	PY 1% AS						
	144.5 – 150.3	QZMZ. ALT – N. HE – D present. PY ~ 1% AS TR assoc w silicification local. FRC density – L micro FRC – same. PY decrease down but 2% near FLT.	MS – H.	PY 0.5%	8100	144.5 – 146.03	1.53			
	150.3 – 150.68	FLT G, milled Rx 50° ca FRC sub // ca CY ALT	MS – H CY							

CME

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Hole No.: _____

Scale	From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
		MS bands. leached.								
	150.68 – 151.61	QZMZ ALT – M PPRY pale GRN. mo Hlc pale GRN MS at PF sites. PY – 4% AS TR – D PY cubes partly oxidized.	MS – M.	PY – 4% AS.	9951 9952	150.3 – 150.68 150.68 – 151.58	0.38 0.9			
	151.61 – 151.65	QZV 60°ca, white vein QZ w masses SB. PY – D. assimilated QZMZ Frags	QZ	SB PY	9953	151.58 – 151.78	0.20			
	151.65 – 151.78	QZ Z. Silicified ANDS PY 12% AS 3%? Black purple masses HE?								
	151.78 – 152.13	QZMZ ALT – M MS – M LT BRN w appearance From LI dusting feldspars PY – 1%. HE – M SHR plane // to above. Thin silicified ANDS band.	MS – M.	PY 1%	9954	151.78 – 152.14	0.66			
	152.13 153.94	ANDS ALT – M. OK GY GRN & LT YL GRN GY ALT Feature – Bleach PY 15% at Top grad to 0.2% AS – N. stringers w STWK all QZ	MS – M	PY 3%.						

CME

G97-62

Hole No.: _____

Scale	From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	153.94 – 154.66	QZMZ PPRY ALT – M Hard. PF pale green. PY – VL. LI dust on FRC & LF x/ts yielding Yellow BRN Wapparance HE – D. Mafics → CL some → HE.	MS – M							
	154.66 – 155.2	ANDS PPRY ALT – W–M MS after PF. PF K. BLK color. PY – N	MS – W CL							
	155.2 – 156.2	QZMZ ALT L grading to M. Fresh grading down to ENV effect of ALT ANDS beneath. Mafics disappear. MG disappears ENV ALT. LT yellow BRN vs mid GY color. Bleach PY – N	MS – L	PY – N						
	156.2 – 156.62	ANDS ALT – M PPRY Dull mid GRN GY PY 0.5% HE – D MS after PF K.	MS – M	PY – 0.5%						
	156.62 – 156.97	QZMZ ALT – H Bleached MS – H. PF to MS mafics gone Some → HE. PY – L	MS – H	PY – L						
	156.97 – 157.08	ANDS PPRY MS – H PY – N. chill? lower CNT	MS – H	PY – N						

CME

G97-62

Hole No.: _____

Scale	From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	157.08	QZMZ ALT MS grad decreasing down but in steps. Leaves recurring Bleaching. Yellow tt BRN W appearance to bleach Z. FRC density L KF VLTS. Matics almost gone in bleach Z leaving ME-D. PY-N Fresher sections MG present hornf matics	MS M-L.	PY-N.						
	161.58	T.D.								

CME

Reprocess Log.

G97-63

Project name: Goddell
Project #: CPS6C
D.D. Hole #: G97-63

Length (m): 174.65
Grid: UTM NAD 83
Dip: -42°
Azimuth: 180°
Core size: NQ

Contractor: Caron
Northing: 6672830.549
Easting: 484535.090
Collar Elev.: 897.

Hole survey type: Acid Tube
Started:
Completed:
Logged by: BCW
Date logged:

Depth	Dip	Azimuth
82.3	-33	
172.2	-36.5	

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0 - 14.4	QZMZ generally massive ALT MS, CL - M. cut by MS fabric zones by QZ, QZCB VLTS often MS zone ENV on QZ VLTS 60-70° ca. MG present, PY-N. Rare inclusions RG intermediate V?. Pink coloration from HF.	MS - M accompanying CL after mafics. QZ, QZ CB VLTS at FRC and slip locations, MS ENV w fabric.							
14.4 - 14.44	RHYL DYK buff, green ish Flow banded.	W							
14.44 - 15.1	QZMZ generally massive ALT MS, CL - M. MG present. QZ VLTS w ENVS 40, 70° ca	MS, CL - M QZ VLT PLUS adjacent silicification MS fabric ENV also PY-N. TR HE							
15.1 - 15.3	QZ VLTS, silicification. Bleached. 40°, 70° ca	Silica. H							

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From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
15.3 – 16.33	QZMZ ALT-M								
16.33 – 16.76	QZMZ ALT – H Bleached, microFRC, BRN W after HE PY-N	MS-H HE, QZ w micro Fracturing.							
16.76 – 17.39	QZMZ ALT – M								
17.39 – 18.33	Narrow FLT w G, CB and Bleached microfractured ENV. BRN W after HE dust	HE, QZ, CB, CY		8014	17.39 – 18.33	0.94			
18.33 – 18.98	QZMZ ALT – M	X							
18.98 – 19.5	Bleached, microFRC, BRN W after HE dust. hairlines, QZ VLT MS bands	QZ, HE, MS.							
19.5 – 23.7	QZMZ ALT – M massive, pinkish Bands fabric MS occas intermed Vol inclusions, Rd	MS							
23.7 23.87	Bleach zone, ENV around QZ VLT 70° ca	QZ – H							

G97-63

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
23.87 - 26.07	QZMZ ALT - M MG present	MS - M							
26.07 - 26.75	Bleached zone ENV about narrow FLT plane in G, CB 60°ca & // MS platy FRCS.	QZ, MS, CY H							
26.75 - 28.40	QZMZ ALT - M								
28.40 - 30.67	QZMZ ALT - M. Highly fractured network. 20, 30, 60° ca most hairlines mark by LI after HE. Few QZ CB, HE, LI 45mm. MG absent	MS, HE, QZ-CB							
30.67 - 39.74	QZMZ ALT - M MG Present.	MS - M							
39.74 - 40.13	Bleached QZMZ ENV about QZ VLT fill FRC 65-70°ca Mafics partially destroyed MG absent	QZ, KF							
40.13 - 42.85	QZMZ ALT - M Several bleached narrow ENV on QZ VLTs 2mm	MS							
42.85 - 45.9	QZMZ ALT - M. feldspars to MS. Mafics to HE LI after HE.	MS, HE.							

G97-63

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	very dense micro FRCS. very Fg. Py-D. Hairline & rare QZ VLT at 40°ca. BRN W appearance								
45.9 – 51.2	QZMZ ALT-M few narrow bleach ENV MG present.	MS							
51.2 – 54.7	Bleached QZMZ occurring in intermittent frequent ENV. 60-70°ca. Grad to QZMZ-ALT-M. ENV on narrow FLT, QZ VLTS and MS fabric planes.	H MS, QZ, cy on FLT							
54.7 – 72.24	QZMZ ALT-M MG present ✓ few VLT & bleach ENV. Inclusions intermed vol.	MS.							
72.24 – 76.15	Bleached QZMZ ALT-H Mafics → HE - LI to HCW to BRN W appearance. Silica replacement & QZ VLTS on some FRC. 55-65°ca PY assoc & proximal silica.	MS-H.		8015 8016	72.24 – 74.68 74.68 – 76.15	2.44 1.47			
76.15 – 76.53	QZMZ ALT-H. ALT intensity increased. Bleaching PY-U. Silicification								

G97-C3

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	local. QZ VLT 2mm 60°ca. MG absent. Mafics absent HE and LI. BRN W appearance.	MS, QZ HE							
76.53 – 77.05	FLT Z. Several planes 60° ca main brecciated, milled CY ALT and G.	CY, X MS							
77.05 – 78.67	QZMZ ALT – H BRN W appearance. Bleached intensely FRC, micro crackle PY-N. MG-N	MS							
78.67 – 78.8	FLT Z 45°ca + ERXX, QZ VLTS G, CY ALT. Minor PY.	CY, MS – X							
78.8 – 81.35	QZMZ ALT-H feldspar → MS Mafics → HE. dense micro FRC with LI. BRN W appearance MG-N PY-N	MS							
81.35 – 81.49	SHR Z. 40° CA marked by MS fabric planes – dark minor CY, CB. PY 1 – 3%.	MS, X CY PY	PY						
81.49 – 85.28	QZMZ ALT. MS-H. HE PY <1% local. D.	MS, HE, CB	PY						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	CB-W. HE dusting after mafics → LI. BRN W appearance MG-N. FRC density L 45, 70° ca. Rare dark MS bands Fabric.			8021	80.77-82.30	1.53			
85.28-87.93	QZMZ ALT -H. varying from pale GRN to Red BRN W appearance - LI after HE dusting and HE on micro FRC. PY-L CB-L. MG absent.	MS, HE	PY-L.	8022	87.93-89.94	2.01			
87.93-89.94	SNR QZMZ. Broken Core, G, milled zones CY ALT local. CB in crystals. PY-L 60°-70° ca on Planes. PY-L.	MS, CY, CB	PY-L.						
89.94-90.35	RHYL. Qz eye PPRY. Qz K 42mm Rd. PY-Rare. Soft MS ALT W	MS.-W	PY-L.						
90.35-91.67	QZMS ALT -H. BRN W appearance: LI after HE after mafics. Dusted	MS, HE							

G 97-63

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	HE & along micro FRC. Shearing planes marked by MS bands. MG absent Py - rare. CB - L. Shearing 35°, 50, 65° ca. BTM CNT 50° MS - X micro FRC - M.	MS, HE,							
91.67 - 94.11	RHYL QFPP. Qz eyes & eroded KF-K. 1-2 mm - Flow banded 45° ca. Hard Qz filled hairlines rare, Py - N. BTM CNT 65° ca shearing.	W							
94.11 - 96.36.	QZMZ ALT - M. Few FRC healed w Qz.	MS							
96.36 - 99.62	Broad FLT Z in QZMZ - ALT. 50, 70° ca Qz, CB Fill in CY ALT, MS ALT planes. Some G. Micro FRC assoc. Intermittent narrow planes. CB w CY. Py v. rare. BRN W appearance w LI after HE.	MS, CY, CB - M		8023 8024	96.36 - 97.56 97.56 - 99.62	1.20 2.06			
99.62 - 104.5	QZMZ ALT - M. Low density FRC. BRN W appearance								

G 97-63

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	with LI dusting after HE. HE - D also. MG - N. PY-N								
104.5 - 107.19	QZMZ ALT. H-X. Frequent slips, shears, narrow ū CY ALT, MS bands, 30, 40, 50°ca PY - N.	MS, CY local CB assoc ū CY.							
				8025	104.50 - 105.53	1.03			
107.19 108.52	RHYL. QFPP. Qz eyes. ~~Mod~~ KF K, PY - L - D. MS ALT in shear planes.	MS - L		8026	105.53 - 107.19	1.66			
108.52 110.1	QZMZ ALT - X. Sheared DK color general ū ≠ MS particularly near SHR planes Mid interval silicified. PY - L	MS, QZ, CB							
110.1 - 121.2	RHYL. massive. Buff ū GRNish pigment. MS ALT Dark bands mark FRC ū low density 25, 45°ca PY in & assoc ū bands PY - D. 1-2% AS? Grades down to Flow Banded. Brown speckled LI.	MS. - M	PY - 1-2% AS?	8027	112.25 - 113.82	1.57			
				8028	113.82 - 115.92	2.0			

G 97-63

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
121.2 – 125.7	HLBX - Mylonite. MS ALT. Sheared locally. clasts QZ, KF, PF. KF often rims QZ. Milled appearance in rhyolitic matrix. DK color ✓ DK toward BTM.	MS – H CB – L	Py 5% TR SL GL, TR As?	8029	120.42 - 121.9	1.48			
125.7 – 145.3	DACT PPRY. feldspar K. Py 1-3% MS ALT. Strong tensional QZ VLT & Gashes 40-60° ca. Density increasing toward BTM. MS GRN speckled. Burgandy colored ENV forward BTM, ENV selective on FRC. HE → LI dusting Lower CNT area sheared 30° ca.	MS – H CB – L Tensional FRC.	Py 1-3% As? TR.	8030	141.1 – 143.29	2.19			
				8031	143.29 – 145.3	2.01			
				8032	145.3 – 146.66	1.36			
145.3 145.86	QZMZ ALT – X. MS – X FLT & FRC W CY ALT. Py 2-7%	MS - X CY - H	Py 2-7%						
145.86 – 146.12	DACT PPRY ALT – H – MS								

G 97-63

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
146.13 – 146.3	QZMZ ALT-X MS-X PRN w appearance with LI dust after HE.								
146.3 – 146.66	DACT PPRY ALT-H.								
146.66 – 151.45	QZMZ ALT-H MS-H. Mafics gone. MG-N. 2% PY-D. GRN speckled MS after PF. FRE density L marked by QZ VLT & MS bands.	MS-H. CB-L	PY 2%.	8033	150 – 151.85	1.85			
151.45 – 155.1	DACT PPRY ALT-H. Pale GRN Speckled w MS. K eroded. KF. PY 1%. Infrequent VLT & Gashes. 35°, 55°, 60°ca Inclusions QZMZ planar at 50-60°ca.	MS-H CB-L	PY 1%	8034	151.85-153.92	2.07			
155.1 – 156.5	QZMZ ALT-X MS-Y Pale GRN color. Sub foliated. to platy MS banding at lower CNT.	MS-X							
156.5 – 156.85	QZV/FLT zone. Banded FRE QZ carrying PY, SB, MS. Sheared, broken & developed.	X							

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
156.95-161.58	QZMZ ALT - X. Pale GRN colour, Soft. Frequent DK FRC most with SX. PY, AS, SB.	MS-X	PY -2% TR SB, AS	8035	161.58-163.5	1.92			
161.58-170.93	QZMZ ALT-H MS-H Broken Sections with minor CY on surfaces 40-50° CA. Few Gashes W QZ. CB assoc W CY Pale greeny pink buff colour. PY-L. HE. micro FRC dense fine. Pinkish KF survives some. ALT less near ETIM; beginning to color as ENV	MS-H CY, CB HE.	PY-L	8036	163.5-164.63	1.13			
170.93-174.69	QZMZ ALT MS-M. DK color broken by ENV MS ALT about FRC occurring often ME-Present in fresher RX 174.69 EOH.	MS-M	MG Present. PY-L.						
	NOTE: Hole passed thru ALT to Hw fresher RX.								

CME

Reprocess Log.

G97-64

Project name: Goddell
Project #: Reprocess
D.D. Hole #: G-97-64

Length (m): 189.10m
Grid: UTM NAD 83
Dip: -47, -42.5, -41.5
Azimuth: 180°
Core size: NQ

Contractor: Cavamin
Northing: 6672830.549
Easting: 484535.090
Collar Elev.: 890

Hole survey type: Acid
Started:
Completed:
Logged by: BCW
Date logged: Oct 4/02

Depth	Dip	Azimuth

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0. – 81.94	QZ MI ALT - M. MS & CL CB - W. Feldspars = MS pale GRN. Pinkish HF MG present Rounded intermediate VOL inclusions rare. 19.6 - 21.3m SHRZ. Shattered bleached. MS ALT - M. hairline MS bands QZ VLT 22° ca. 25m MG present. 26.8 - 27.8m Bleached, FRC w BNV 75° ca ENV silicified. 29.93 - 30.28 Bleached as prior interval. QZ 41.4 - 42.25' Bleached as prior MS, QZ ALT BRN W TR PY in QZ VLT 41.79 - 41.92 FRC, milled recemented QZ, QZ VLT	MS ALT increasing down hole. BRN W/supergene ALT some sections. irreg but Frequent FRC. Fill CB, CBQZ to QZ. Most w/ ALT ENV PY rare. 11, 35°, 50°, 70°, CB common density increasing down marginally.								

G-97-64

G 97-64

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	49. MG present	45.29-47.4 Bleached, BRN W MS, QZ ALT. FRC 25°, 30° CA. LI fill. MG-N							
		50.6 - 54.6 Bleached BRN W. Soft. MS, QZ ALT. Hairlines, FRC 80° ca sub //. QZ & silica fill. SX-N.		8001	50.6 - 52.6	2.0			
	65.5 MG Present			8002	52.6 54.7	2.1			
		56.83 - 57.45 Beach MS, QZ ALT. Core QZ VLT, BRN W Stain. Silica overprint on MONZ							
		58.0 - 58.74 Same QZ VLT core. ENV MS QZ ALT. Bleached							
		61.9 - 62.0 Same. ENV							
		63.0 63.2 Same. ENV ALT MS, QZ. Bleached. BRN W							
		68.25 - 68.65 Bleached MS, QZ ALT ENV. QZ VLTS core 60° CA. ≠ PY. BRN W							
	70.0 MG Present	70.32 - 71.1 Bleached. MS, QZ ALT. Minor QZ VLT 30° ca. PY-N. Shattered							
		74.5 - 74.87 Bleached. MS. QZ ALT. QZ VLT ENV 30° CA. Gash. BRN W							

G 97-64

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
		75.63 - 78.0 Bleached. MS, QZ ALT. Shattered hairlines branching QZ VLTS 2-4mm BRN W.							
		78.45 - 81.4 Bleached. BRN W. MS QZ ALT — ENV. QZV, G. CB-W 78.5 78.61 79.95 - 80.28 60 - 80° ca Minor PY assoc		8003	78.45 - 80.28	1.83			
81.94 - 93.37	QZMZ ALT - H grading to X BRN W. Frequent hairlines. Frequent VLT. Shattered. 45°, 70°, 11 ca. Open Space Fill Qz, tensional. Base of intervals fabric MS lineations from SHR at 45° c.a. Sheared CNT. Platy MS at 55° ca.	87.83 - 88.17 MS, CY, QZ ALT - X Shear. CB-W. 70° ca. PY-L 88.36 - 89.0 MS, CY, QZ ALT - X, SHR. PY-L. CB-L. 70° CA. 90.0 90.65 SHR. 75° ca Shatter. CY ALT. G Soft. PY-L 91.2 - 91.75 SHR. 40° & 60° ca Shatter. CY ALT. G Soft. CB-L. Silicification.						
93.37 - 94.51	QFPP. RHYL composition. QZ EYE 1-2mm, KF 1-4mm PY-N. Hard.								

697-64

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
94.51 – 95.58	QZMZ ALT MS-H, CL. QZ BRN W. Pale GRN. Intensely Shattered. QZ Seal. Silicified. Hard PY-N.								
95.58 – 96.01	QEPP. RHYL composition. Hard. Shattered. QZ healed.								
96.01 – 97.54	QZMZ ALT MS-H, CL. QZ. BRN W. Pale GRN. Intensely micro Shattered Silica heal.								
97.54 – 97.0	QZMZ BRXX. Rd frags MONZ in milled Silica cement. Minor PY. Hydraulic?	CY – M – X MS – X silica-W CB with shearing PY in BRXX							
97.0 – 98.6	HLBX. RHYL, MONZ, QEPP rounded frags. 1–10cm Matrix: QEPP. Matrix carries 1% PY.								
98.6 – 98.84	CY ALT-X. QZMZ. SHR. CB seams & interstitial. Soft.								
98.84 – 104.90	QFPP. Pale green. Hard. Qz Eyes. K HF eroded. To PY. J but not Shattered.								

G97-64

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	CNT Rehealed SHR. intense MS ALT w QZ PY dark bands at 25° ca. inclusions HLBX. Pyritic at BTM.	BRN W QZMZ related to HE dust oxidizing in supergene envir.							
104.90 - 105.92	QZMZ, QZMZ BRXX. SHR. CY ALT - X locally at slip. CY MS matrix. 1% fine minor PY intermittent.	X							
105.92 - 106.68	QZMZ ALT MX - H QZ Sheared at BTM	H							
106.68 - 107.2	HLBX. Frags QZMZ, RHYL. Rd. Shearing both CNT. RHYL matrix. TR PY.	X							
107.2 - 109.2	QZMZ ALT - H MS, CB. Sheared defined by MS seams PY. 2% - D. 35, 65° C.a.	MS - H		8004	107.2 - 109.2	2.0			
				8005	109.2 - 109.81	0.61			
				8006	109.81 - 111.97	2.16			
109.2 - 109.81	FLT. multiple slip planes at 50° ca. G, CY, CB MS - X	MS - X							
109.81 - 112.07	QZMZ ALT - H. MS, CB CY. CY on slips, FRC BRN W	MS - H							

G 97-64

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
112.07 - 112.1	QZV wk QZ w PY. Assim QZMZ, Banded	HW & FW MS-X Pyritic. Sheared							
112.1 - 113.55	QZMZ ALT-H. MS, QZ, EY. GRN coloration. MS fabric and slips 30° c.a. CY assoc. QZ assoc. PY-U			8007	112.9-115.0	2.1			
113.55 - 114.9	RHYL DK Tan localized MS ALT. Sheared cracked intensely. Minor PY. Gou several narrow slips. BRN W stain after HE.	MS-W		8008	115.82 - 116.4	0.58			
114.9 - 115.3	QZMZ ALT MS-H BRN W after HE. PY-U microFRC intense.								
115.3 - 116.4	HLBX. QZ & RHYL Clasts subrd. RHYL matrix ± PY in matrix.								
116.4 - 117.0	QZMZ ALT-H. BRN W after HE microFRC. QZ ALT. PY-L								

G 97-64

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
117.0 — 118.18	RLBX hydraulic breccia RHYL clasts subangular MS ALT localized in fabric planes 300°, 60°SW Qz & PY bands assoc. dark SHRs w milled Rx & CY.	MS-H Qz	PY	8009	116.4 - 118.18	1.78			
118.18 - 131.24	RHYL. Flow banded. Hgy w GRN pigment. Bands 40° oa Pyritic - D. GRN W Speckled after HE. Porphyritic sections - Qz, KF	L PY increasing w depth 127.75-127.83 FLT CY ALT, milled, G, PY		10234	128.95-130.33	1.38			
				10235	130.33-131.75	1.42			
131.24 — 137.2	RHYL PPRY. Qz eyes rimmed W KF. MS ALT - H Sheared. Grades down to rubble — MYLONITE? Black banded - Qz+CY? Areas which look milled. Grades down to CY ALT-H.		3-5% PY						
137.2 - 138.14	DACT ALT to M. Green speckled MS soft. 1% airline Qz seams. Minor PY, HE								

G 97-64

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
138.14 – 146.06	QZMZ ALT - X. MS+, QZ dk mylonitic bands 55°ca densely micro FRC. laddered gashes QZ, CB, terminating VLTs, hairlines PY-D, banded. SL - bands.	MS - X QZ, CB	PY1 - 9.2% local SL in bands	8010	144.7 - 146.1	1.4			
146.06 – 148.41	DACT ALT MS-H. LT GYGRN color. MS GRN speckled PY-L. FRC density. H. Hairlines, VLTs QZ frequently offset. Gashes Qz filled 40°ca common	147.53 - 147.83 QZ MZ - ALT - H MS - H. QZ, HE CB L to absent	PY						
148.41 – 150.55	QZ MZ ALT. MS-H. Bleached - mafics gone. ME absent. PY, CY ALT & G on FRC 55°ca. PY. BRN W alte HE. Black Shearing planes 60°ca	MS - H. CB - L CY on FRC		8011	148.41 - 150.55	2.14			
150.55 153.25	DACT ALT MS-H. LT GYGRN PY local. FRC density - H Hairlines, gashes, VLTs.								

G97-64

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	Black BNV to QZ VLT dom PY. Tensional, torquing								
153.25 - 155.42	QZMZ ALT MS-X								
155.42 161.64	DACT. ALT MS-H, PY local. FRC density-H NE FRC assoc.								
161.64 - 162.27	QZMZ ALT-X MS. ‡PY. Hairlines								
162.27 - 162.72	DACT MS ALT								
162.7 163.33	FLT in QZMZ ALT-X MS-Y, CY-X, G. QZ VLT. ‡PY. LI	MS LI CY	PY						
163.33 - 186.15	QZMZ ALT MS-X-H. mafics gone. MG-N. BRN W mod H leached BRN color. micro FRC Few QZ VLT 70° ca.	169.4 - 170.14 Several zones v dk bands VFg PY ~ 10% - D		8012	170.14 - 171.5'	1.36			
				8013	171.5 - 173.32	1.82			
	Few bands near BTM Fresher QZMZ W mafics MG. MS ALT weather.	173.8 174.0 - KF W HE ALT over mylonitic zone.							
186.15 - 189.1	QZMZ. ALT MS-H. HE-H. BRN W. LI after HE dusting LI in hairlines & dusted. Micro FRC dense. PY-N								

189.1 EOH.

CME

Project name: SKUKUM
Project # : CPS6C
D.D. Hole #: 97-66

Length (m): 306.32
Grid: UTM NAD 83
Dip: -45
Azimuth: 150
Core size: NQ

Contractor: CARON
Northing: 6672830.549
Easting: 484535.090
Collar Elev.: 897.

Re

Hole survey type:
Started:
Completed:
Logged by: TV
Date logged: 11/10/03

Depth	Dip	Azimuth

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0 - 29.26	NO CORE / MISSING BOXES 1 - 5								
29.26 - 120.31	QZMZ, med grained, equigranular; pink & grey^, V magnetic unit - mag Minor ANDS and/or FLOR veins, rounded, white [NOT BOX 7, 35.05 - 40.65m has probably been dropped, as many pieces do not line up correctly]	ALT - N/W, weak alt^ occurs sporadically, esp around narrow qz-cb veins; - wk chl of matrix - wisps rock has been str. injected in rocks, v hem stain on core surfs. 40.65 - 42.55 ALT - S; ser & C 41.35, clay alt^ on fract, gouge fault. 51.70 - 52.05 prop alt^ around VN. @63.73 K-spar alt^ 69.58 - 69.85 hem. alt^, massive wisps of brick-red hem, also qz - cb and prop alt^ halo 71.70 - 73.60 ALT - M, strong propylitic w/ hem overprint (?) 77.90 - 79.55 wk K-spar alt^ ± poss hem. 79.55 - 81.50 ALT - W, wk propylitic w/ stronger zones around qz vns 81.50 - 83.20 ALT - N; or v wk 83.20 → ALT - W; wk propylitic	Py rare (<<1%) @31.92 qz vn 6mm/75°CA @50.20 narrow cb-qz-chl-epi fract/vn w/ pink K-spar alt^ halo @ 51.96 qz vn, 4cm/80°CA, minor SX 72.15 - 73.60 3 narrow chl-cb-epi qz vnlets @75.53 narrow qz vn 4mm/65°CA w/ 10cm prop alt^ halo @80.47 QZ vn 7mm/80°CA @85.26 qz-cb vn 1cm/65°CA						

CME

Hole No.: 97-66

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(QZMZ, cont'd)		@86.57 fault; highly frac'd, alt'd core over 10cm; below main frac core is silicified;						
			92.90–92.40, shear zone; highly alt'd & sil'd (qz-flooded); minor clay on main slip plane; ser'i alt'n						
		94.50–95.10 ALT M.	94.50–95.10 major shear, highly frac'd– both brittle & ductile deformation apparent; infilled by v. fg granitic qz, cb, cal & ser'i; ~35°CA.						
			@95.85 narrow qz vn 5mm/60°CA						
		98.00–98.50 qz-flooding, mk. avg. alt'n							
		@102.75 Pink K-spar alt'n, and patch of brec'd rock here.							
	103.63–104.43 ANDS, highly sheared and recrystallized w/ qz veining ~parallel to fg granitic structure; ~ 40°; ALT-S/K. LC is v. broken – FLT?		@104 main ductile shear in ANDS= ~5cm/40°CA; v. clay rich, fissile	09892	103.63–104.43	0.80			
		104.43 → Alt'n increasing intensity to ~M, (approximately); increased bleaching and qz-flooding & silica overprint	104.82–104.80 series of anastomosing qz vnlts in QZMZ.						
			@108.22 clay gouge seam, 3mm/50°CA.						
		108.80–109.30 ALT-S; v. ser'i rich core	@108.80 qz vn/shear w/ cataclastic immediately below: vn 2cm/35°CA. cataclasite ~5mm/35°CA.						
		109.30– bleached, qz-flooded							
			112.78–116.68 – Major FLT-Z, highly fragmented (broken core); Clay common on fracs; QZMZ is bleached and silicified						
			Below 116.68, core more competent but still v. frac'd						
	119–120.31 sheared QZMZ, near contact w/ RHYL; several discontinuous/pinched out dk. cataclastic shears		@118.22 narrow shear, 1.5cm/55°CA.						
120.31–125.31	RQFP / flow-banded RHYL.	ALT. M	UC, strong shearing 30°CA Flow banding parallel to contact						

CME

Hole No.: 97-66

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(RQFP, cont'd)		120.31 - 121.45 wk sx; grey blue primarily py w/ probable stib/aspy; @ 121.30 concentrate on fract bands, but may also be patchy, oblong dissem zones of 1cm; 5x ≤ 3%.						
			125.00 - 125.31 broken core @ contact; also pinkish - hem?						
125.31 - 137.86 (approx)	QZMZ, highly sheared.	ALT-S; sx pervasive through internal fracturing of QZMZ. Bleached and wk qz-flooding	Py in typical QZMZ rare <1%; but locally more abundant around veins and on fracs.	09893	125.31 - 126.49				
			UC faults @; v. clay alt'n.						
			@126.76 qz vn w/ dissem py (5-10% ~4-5cm / 80-85°CA; pass aspy.						
			129.54 - 129.79, disrupted qz vns w/ aspy + py; adjacent QZMZ w/r is bleached and sx'd w/ 10% py-aspy.	09894 09895 09896 09897	126.49 - 128.02 128.02 - 129.54 129.54 - 129.91 129.91 - 131.06				
			@130.70. qz-vn frag w/ minor py/aspy similar to previous; but no w/r sulphidation; vn frag ~ 3-4cm. wide.						
			@133.42 cataclasite ?, completely disintegrated (due to site exposure) v. friable; v also @ 132.60.						
137.86 - 144.93 (approx)	RQFP; light grey to buff coloured, small qz eyes & fsp phenos (RHYL)	ALT-M.; v. pale green due to sericite alt'n	UC obscure due to sampling, core condition poor, highly fragmented; v. strongly sheared						
			Unit is pyritic ≤ 1%, ~ 2% near UC.; occasional large patchy dissem py (3mm)						
			@ 140.27 Bx.;						
			@ LC; v. sheared.						
144.93 - 147.31	QZMZ, highly sheared, qz-flooding	ALT-S.							
	145.70 - 147.31 MYLT/SHR.Z in QZMZ	145.70 - 147.31 ALT-X	Dark matrix - clay sx's. 25°CA.						

CME

Hole No.: 97.66

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
147.31 – 157.40	FRHYL; wk porphyritic, generally tan to pale green; relatively homogenous and v. competent.	ALT – W/M.; variable, – pale green due to seri.	Sx stringers ≤1%; wl dk blue Sx (stHz?, arpy?); dissem py <<1%.						
		157.00–157.40 ALT-S.	157.00–157.40 Highly sheared contact zone; dk grey blue qz vns (pressure tails), locally brec'd, esp @ contact – rotated milled FRHYL frags in dk grey seri/clay matrix.						
157.40 – 164.00	QZMZ, MYLT shear zone; V. heavily sheared and alt'd, Major MYLT zones detailed below,	ALT – X, clay/seri strong; qz flooding in QZMZ.	Py v. fn grained, 1–2% Aspy probably present, but not definitively recognized.						
	157.40 – 162.35 MYLT/STKR-Z; occasional lg QZMZ frags wl clear qz		@ UC 2cm cataclastic marks contact. Fabric developed 30–50°CA						
	162.35 – 163.07 QZMZ, qz flooded.								
	163.07 – 163.27 STKR-Z.								
	163.27 – 164.00 QZMZ, qz flooded.								
164.00 – 164.63	ANDS, highly sheared alt'd, olive brown to brown-green; wl mod-strong qz-cb stkwk. Porphyritic.	ALT – S, phenos seriticized to bright green	UC, shear zone 164.00–164.25.						
164.63 – 167.64	QZMZ, highly sheared.	ALT – S/X; qz flooded	Dissem stHz?; 1–2mm blue grey						
	165.50 – 165.70 ANDS – ALT-X								
167.64 – 170.65	ANDS: olive to greenish grey, porphyritic v small green phenos,	ALT – S; phenos seriticized Strong qz-cb stkwk variably oriented throughout unit Appears to have a v. wk hem overprint; but now bleached.	Py appears absent.						
170.65 – 171.20	QZMZ, v. sheared; strong qz-cb stkwk; relicts over from ANDS?	ALT – X	–						
171.20 – 172.05	ANDS; v. sheared wl v. strong qz-cb stkwk.	ALT – X/S, Lower 30cm purplish due to hem alt'n							

CME

Hole No.: 97-66

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
172.05 – 173.42	QZMZ, v fractured; w/ minor intermixed ANDS frags. @ 172.75 and 172.95.	ALT-Y.							
173.42 – 175.54.	ANDS, sheared, mod. strong qz cb stkwk	ALT-S; distinct purplish cast to rock due to extensive hematite Green sericitized phenos	Py absent to trace.						
175.54 – 175.84	QZMZ, as previous								
175.84 – 177.55	ANDS; porphyritic; sheared, mod-strong qz cb stkwk, olive colour to grey.	ALT-S	@177.35 Sulphidized ANDS, ~ 5cm. grey w/ 25% qtz/py						
177.55 – 200.82	QZMZ.								
	179.55 – 178.25 MYLT/SHR.Z, ductily deformed QZMZ w/ numerous dk reflective shear bands and sx bands	ALT-X, v ser rich, clay pyrite.	Py 2-3%.	09898	178.25 – 179.83	1.58			
	178.25 – most typical med-grained equigranular alt'd QZMZ.	ALT-S; bleached, ser ↑; minor qz flooding ↑. Zones of pervasive green ser alt'n @ 183.24, 186.10	Py ≤ 1%. @179.40 10% py disem in QZMZ						
		179.80 → ALT-M; except local zones of ALT-S (ser.)	@187.28 shear 35°CA; clay alt'n @188.87 5mm/qz vn in arg alt'n 5mm/35°CA.						
		189.40 – 190.15 bleached, ser rich w/ several narrow qz vnlts, wk sx. ALT-S	@ 189.90 & 190.00 main slip planes w/ clay alt'n/gouge.						
		190.15 – 192.27 ALT-M 192.27 – 194.70 ALT w/N, zones of fresh magnetic QZMZ	@194.95 sil-flooding/shear; 3cm/20°CA v. fn grained qz (chalcedonic)						
	QZMZ w/ small ANDS xenos.	194.70 – 200.82 ALT-w/M, strong propilitic, wk arg.	@197.70 qz-cb vnlt. 7mm/15°CA @198.90 qz-cb vnlt. 4mm/45°CA						
200.82 – 203.20	ANDS, porphyritic, olive to grey to greenish mod qz-cb stkwk; where grey, usually sulphidized w/ narrow hairline qz vnlts flooding the rock	ALT-S.	Py/aspy variable; generally 0.5% C w/ narrow qz vnlts (not qz-cb stkwk vnlts). Py-aspy disem in rock around vnlts						

CME

Hole No.: 9766

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(ANDS, cont'd)		@201.65 1mm qz vein w/ py/aspy diffused around it in a halo. 202.53-202.65 heavily sulphidized ANDS - 25-35% py/aspy.						
203.20-306.52	QZMZ; med-grained, equigranular, typical hanging/foot wall unit	203.20 – 203.74 ALT-S, 203.74 – 208.50 ALT-W/N v. fresh, looking, magnetic; Appears wk K-spar alt'n 208.50 – 208.97 ALT-W, greenish due to incr. ser 208.97 – 209.52 ALT-M/S. qz-flooding, stronger ser; surrounds qz vn/fracture zone 209.52 – 226.06 ALT-N/W v. fresh magnetic QZMZ w/ small zones of prop/weg alt'n around vn's. 226.06 – 235.60 ALT-W/M, incr. green ser; alt'n, still somewhat variable w/ zones of fresh QZMZ, but these are in the minority 229.60 – 229.60 v. green QZMZ w/ orange yellow limonite staining, probably due to Fe-rich dz ~237. v. pale wht, due to incr in fsp? or bleaching 235.60 – 236.60 ALT-M	UC sheared 40°CA. Shearing continues to ~ 203.75. @209.28 qz vn/fracture zone 50°CA. @213.38 qz-cb-ser-py vn's ~ 5-7mm/15°CA w/ 7-8cm ser; alt'n halo. ∠diam @235.70 ANDS xeno, sulphidized. @235.95 qz vein w/ sulphides in QZMZ host. 5-15% py. @236.50 py ~ 5% in QZMZ	09901	203.20 – 203.75	0.55			
	238.25 – 238.50 ANDS dyke/xeno	ALT-W.	UC/LC 40°CA. Qz vn @ LC 1cm/40°CA.						

CME

Hole No.: 97-66

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(QZMZ, rant'd)		240.37 – 240.87 frac along CA w/ 2-3cm Kspar alt'n halo 247.17 – 247.94 frac zone, broken core 248.27 – 248.65 sheet 70-75°CA.						
		248.08 – 248.98 ALT-S; clay alt'n in frac's – sheer zone; red rock clay, abund scr;							
		248.98 – 252.75 ALT-W							
	253.78 – 253.88 ANDS dyke, 45°CA v. green, ALT-W;	252.75 – 253.78 ALT-M.							
		253.88 – 254.43 ALT-W.							
	254.43 – 256.83 ANDS dyke, v. fresh looking, ok green phenos in slightly lighter green matrix, minor qz-cb fracture gash infill @ 255.58; wedge of QZMZ from 254.73 – 254.91 →	ALT-N/W.	QZMZ wedge w/ 60°CA contact angles, sharp.						
		256.83 – 259.39 ALT-W, propylitic							
	259.39 – 260.74 ANDS, as previous, →	ALT-N/W							
		260.74 – 263.30 ALT-W.							
	263.30 – 263.53 ANDS; ALT-W								
		263.53 – 279.45 ALT-W/M, bleached	@ 263.53 qz-sr vn+. 7mm/55°CA @ 266.75 qz vn/flooding w/ 15% cspy aggr + 5-7cm. Aspy diffuse blossom in QZMZ. Also py ~ 3-5%.						
	@ 276.18 FLDK (ALT?) v. fn grained & pink, 1cm/35°CA.								
	@ 276.36 FLDK. 2cm/35°CA.								
	279.45 – 279.98 ANDS dyke, mod qz-cb stwk, sheared upper/lower contacts w/ qz vning/increased small xenos of QZMZ (5-6cm). Otw coloured	ALT-M.							

CME

Hole No.: 97-66

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(QZMZ, cont'd)	279.98 - 297.30 ALT W/M.							
	284.56 - 284.86 ANDS, bleached ALT-M.		@ 286.50 hematitic DX. 5-7mm / ~ 20°CA						
	287.03 - 287.21 ANDS, xcns; wk qz-cb vn thru middle. 1cm / 70°CA								
	287.72 - 289.83 ANDS; v. hematitic on fract sfcs, and also weakly pervasive through unit	← ALT-M.	287.72 - 288.04 FLT-Z in ANDS, highly fract'd						
		296.90 - 297.30 K-spar alt'n							
		297.30 - 299.10 ALT-M, seri-green, bleached and incr. qz.							
	299.10 - 299.60. ANDS dyke, bleached ALT-M.		@ 299.25 QZ-SX VN, 30°S sx - cpy, sfds?, minor py + spl. - poss gal.						
	299.95 - 303.05 narrow ANDS xcns / dyke.								
		303.05 - 306.32 ALT-W fairly fresh looking, magnetic.							
	307.84 - 308.58 ANDS, ALT-W. - quite fresh; dk green w/ lter green phnds - wk qz-cb stwk., hem. Upper/lower contacts 40°CA.								
	305.78 - 306.52 ANDS dyke, as above. UC - 30°CA / LC - 45°CA								
306.52	END OF HOLE								

CME

97-67

Project name: SKUKUM
Project #: PS6D
D.D. Hole #: 97-67 (Relog)

Length (m): 219.46
Grid: UTM NAD 83
Dip: −60°
Azimuth: 150
Core size: NQ

Contractor: CARON
Northing: 6672830.549
Easting: 484535.090
Collar Elev.: 897.

Hole survey type:
Started:
Completed:
Re **Logged by:** TV
Date logged: 11/24/03 - 11/25/03

Depth	Dip	Azimuth

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0 - 0.61	CASING.								
0.61 - 116.86	QZMZ ; med grained, equigranular, typical hanging wall unit, rel. fresh. Where fresh: pink & green, v. magnetic	ALT N/W. Wk localized propylitic and sericitic alt'n, located typically around narrow shears/veins/vns. Wk K-spar overprint and wk qz flooding/silicification. 10.58 - 11.17 propylitic & sericitic alt'n halo around qz vn 1cm/55°CA 29.43 - 30.35 ALT-W. (seri.) 30.35 - 31.21 ALT-M, seri, prop. 31.21 - 32.50 ALT-S, ser.; hem/lim. 32.50 - 33.40 ALT-X; clay alt'n, complete clay alt'n of fsp and other minerals except for qz. 33.40 - 36.40 ALT-S. 36.40 - 36.80 ALT-X 36.80 - 37.25 ALT-S 37.25 - 37.85 ALT-X 37.85 - 39.96 ALT-S 39.95 - 40.55 ALT-X	@ 10.82 shear, clay alt'n w/ strong seri alt'n halo w/ 1.2m @ 20.77 qz vnlt; ewg alt'n halo, 6mm/85°CA w/ cb @ 23.76 narrow qz vnlt 4mm/75°CA; w potassic wlr alt'n. @ 27.07 qz vnlt 3mm/65°CA @ 27.39 qz vnlt 5mm/80°CA @ 33.10 shear w/ veining, ~70°CA @ 35.24 qz vn 2cm/80°CA w 5-10% dissem py w/in vn and along strg @ 36.35 mauve chalcedony vns (tension gash infill) @ 37.55 qz vn, vfgnd ~1cm; 50°CA. Minor sx @ 40.30 clay infill of tension gashes.						

CME

Hole No.: 97-67

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(QZMZ, cont'd)	40.55 – 43.70 ALT – S/M. 43.20 – 44.45 ALT – X ; v. bleached, pale, QZMZ w/ qz flooding and crackering infill 44.45 – 46.00 ALT – M 46.00 – 76.20 ALT W/N. v. competent, minor alt° assoc w/ narrow cb-qz vnlts. @49.80 cb fracture qz±k infills	@43.75 clay shear plane 2cm/20°CA Immediately below is qz vein or silicification oriented ⊥ to shear. ~6cm wide w/ sericite, wk sx, med cb @44.83 qz vn. 7cm/80°CA, blue grey qz, poss stib ; also late shaped cb ± seri. @49.35 qz vn. 15mm/80°CA w/ 5% stib ; ± minor py-aspy?, 1m alt° @58.60 qz vn 2cm/60°CA ; w/ seri + minor py down centre of vn ; 30cm wide alt° halo. @68.28 qz vn 1cm/85°CA ; minor py in vn selv and dissem in w/r. (5%) ; poss spn @69.50 qz-cb vnlt. 3mm/70°CA w/ 7mm offset along cb @ 70.34 qz-cb vnlt 6mm/85°CA @ 70.93 qz-cb vnlt. 4mm/70°CA w/ 2cm offset @ 20°CA. @71.26 qz vnlt 4mm/85°CA, minor py in w/r + selv						
	54.54 – 55.26 FELS phase in QZMZ, pink w/ qz infill ; strong green seri alt° – precational. Poss PCHM fract of melt(?)	76.20 – 77.60 (approx) ALT – M. 77.60 – 79.25 ALT – S. 79.25 – 79.55 ALT – M 79.55 – 80.55 ALT – W. 80.55 – 87.95 ALT – M K-spar-hem overprint. 87.95 – 88.60 ALT – W ; bleached, seri only, no Fe alt° or v. wk 88.60 – 88.15 ALT – N. 88.15 – 89.20 ALT – W ; Fe-alt° (brown weathering?) 89.20 – 93.12 ALT – M/S ; incr seri ; some propylitic alt°	78.60 – 78.90 STR-Z ; chlty alt° fract'd. @78.95 qz-cb varies ; 3-5% dissem py in w/r. @84.98 qz-cb vn 6mm/55°CA @90.44 qz vn 1cm/60°CA w/ minor stib dissem in vn. @90.68 qz-Sx vn. 1cm/75°CA w/ 30% stib, also smaller qz-cb vnlts and dissem py in w/r. @90.90 qz vnlt 75°CA						

CME

Hole No.: 97-67

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(QZMZ, cont'd).		@91.87 qz vn 3cm/40°CA, w/ minor sx in vn (py, poss sph); 0.5cm ky halo in w/r ~ 20cm wide.	09052	91.10 – 92.20	1.10.	70		
	93.12 – 95.29; different intrusive w/in QZMZ; crs-grained no qz, large prominent wht fsp; v. sericitic w/ 1-2% alt'n MONZ ?; slightly pyritic <1% dissem rubble ALT-M. @ contacts narrow 2cm sericitic margin - alt'n of QZMZ, not MONZ - later stage.	95.29 – 99.06 ALT W/N; fresh magnetic section w/ in weak seri alt'n, minor K-spar.	@96.50 wk shear, seri alt'n						
		99.06 – 100.04 ALT-M, bleached, Sericite							
		100.04 – 101.95 ALT-M, K-spar or hem overprint, pinkish brown.							
		101.95 – 102.97 ALT-W							
		102.97 – 106.50 ALT-N/W, wk seri 2nm of seri/hem alt'n							
		106.50 – 107.60 ALT-W; wk seri.							
		107.60 – 108.74 ALT-S; strong seri, cb, qz-flooded w/ ALT X over 3cm @ clay shear.	@ 107.72 clay alt'n shear. 3cm/80°CA.						
		108.74 – 113.20 ALT-W/N variable; generally wk seri							
		113.20 – 114.20 ALT-M; v. seri, "brown weathering" limonite after ox.							
		114.20 – 115.00 ALT-S/X	114.40 – 114.54 qz vn(?) or replacement w minor sx; clay alt'n; shear zone. yellow-orange lim alteration of sx.	09065	114.23 – 115.82	1.59	1.57 5K		
			@ 114.90 qz vn, mass w/ barren. 1cm/45°CA.						
		115.00 – 116.86 ALT-M, seri. "brown weathering" limonite after ox	@ 115.49 narrow sx vn, poss w/py or sph.						
116.86 – 118.77	ANDS; porph olive rel'd where bleached & alt'd to med green matrix where (rel) fresh; Phenos dk green where fresher to bright ser. green where alt'd.	116.86 – 117.41 ALT M/W; gradational decr from UC.	Py 1-2% overall; Concentrates in contact alt'n zone to 5%.						
		117.41 – 118.01 ALT W/N; med green	UC 55°CA; w/ 3mm qz vn @ contact.						
		118.01 – 118.77 ALT M/W, gradational incr to LC's	LC 70°CA; sheared w/ clay on sfc.						
118.77 – 120.38	QZMZ;	ALT-M/S.							
	119.67 – 120.38 sheared QZMZ - ALT-S.		LC gouge clay, irreg sfc ~ 45°CA.						

CME

Hole No.: 97-67

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
120.38 - 121.92	ANDS, sheared, alt'd strong qz-cb tension gash stkwk. Shearing decreasing toward LC.	ALT-S, bright green ser prev's.	Py ~ 3-5%						
			121.69 - 121.92 py ~10%, diskm. @ LC ~ 40°CA (guess)						
121.92 - 137.65	QZMZ; wk-mod sheeting, generally localized as main slip planes; minor internal ductile deformation,	ALT - M/S. bleached, local qz flooding	121.92 - Generally, mod brec'd core, w/ zone of high fracs orientation variably from along CA to ~ 45°CA.						
	@122.26 ANDS dyke strongest 1.5cm/30°CA 5-10% py.		@129.62 post shear; clay alt'n						
			@132.62 shear, cataclasite ~ 1cm/40°CA						
		135.00 - 137.65 ALT X/S; clay alt'n; shearing.	137.60 - 137.85 strong sheeting and qz flooding w/a QZMZ						
			@136.25 cataclasite, ~1.5cm/~40°CA v. fissile, clay rich						
137.65 - 144.45	ROFP (Central Mafic style), v dk green → tan, to wht recrystd, grey glassy qz eyes; sub-concordant fsp laths, wk flow banding	ALT - M/S	LC irregular; approx 30°CA.	09066	137.65 - 138.85	1.20	40	DB - sample of 138.85m	
			137.85 - 138.00 irregular 5x wkly, w/ sulf ± asphy; diss'm py throughout ROFP unit (1-2%)	NOTE HISTORICAL SAMPLE E81570		start is incorrect in			
				09067	140.20 - 141.75	1.55	15		
				09068	143.75 - 144.45	1.20	10		
			LC ~ 50°CA						
144.45 - 151.97	QZMZ; wk-mod sheeting increasing downhole	ALT - X; v strong clay-alt'n ... as well as ser	Py diss'm ~ 1%	09069	144.45 - 145.42	0.97	10		
			@144.68 qz-sx string, occas py <7mm, irregular						
			@145.89 shear plane 40°CA.						
			LC ~ 45°CA						
151.97 - 153.12	ANDS, porph. Q. sheared / foliated	ALT-X; clay-ser replacement v. soft; fissile	v. rare py <<1%						
153.12 - 156.90	QZMZ;		LC ~ 45°CA						
		ALT-X; v. clay rich, v. bleached, localized v abund ser	Py ≤ 1%						
			@153.95 gouge core - shear?						
			@155.17 cataclasite ~ 1cm/35°CA; dk grey clay-ser ± sx	09070	154.90 - 156.90	2.00	75		
			@155.25 diskm py in QZMZ; ~ 5% over 5cm						

CME

Hole No.: 97-67

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
			@156.85 1mgr qz "sweat" w/ minor dissem. py. 156.65–156.90 v. strong green foliated + sheared QZMZ, completely serI replacement.						
156.90 – 157.70	MYLT / SHZ_2; dk grey/brown serI clay rich cataclasite w/ QZMZ frags entrained and rotated w/in matrix	ALT-X	Py 2-5% variable; may be higher if f. fm grained in cataclasite matrix						
157.70 – 163.66	QZMZ, sheared; zones of strong shearing and cataclasite;	ALT-X/S; clay, serI alt'n abund.	Py variable, overall 1-2%						
			161.60–161.85 cataclasite, v. dk grey matrix, milky frags <1cm.						
			@163.20 sheared/coarse cataclasite						
			@161.54 cataclasite/shear, irreg or. est 30–40°CA.						
			163.00–163.66 cataclasite, lots of matrix; generally v. serI rich matrix (green-ish-brown) w/ frags of QZMZ						
163.66 – 174.15	RHYL/RFP; highly alt'd (SOUTH MARKER?) Atypical of Sulkerbar due to increased SX units - more typical of Central, but no qz eyes.	ALT-S; v. serI rich	Pyritic w/ mod abund SX vs MS (stylolitic) Dissem py 2-3%, SX units 5% - mostly py + SHZ (?) and serI.						
			@164.64 cataclastic / BX, dk serI matrix w/ RHYL frags						
		172.60–174.15 incr hem/lim alt'n on SHZ - brown hairline fracs.	172.60–174.15 incr. shearing to localized BXE; incr SX w/ spotty SHZ mineralization and localized sparkly py cubes.						
			173.75–174.15 essentially bx'd; but limited movement.						
174.15 – 175.05	BMG-2 / BX QZMZ / RHYL / MYLT. E. sheared; patches of RHYL smeared through w/ qz veins; locally pyritic; QZMZ frags common; some qz eye RHYL ↳ 174.90–175.07 (approx) v. dk grey w/ qz eyes + fsp pheno's.	ALT-X.	Py ~4%						

CME

Hole No.: 9767

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
175.05 - 181.85	QZMZ; v. decomposed in box. 32 due to sfc exposure; More competent by 179.10 m.	ALT-X; abund clay due to core condition (decomposed)	Py ~ 1%.						
	181.80-181.85 ANDS, ALT-X.	180.35-180.85 sil replacement; wht qz; v. bleached; minor assoc sx							
181.85 - 182.65	MYLT; v. ok sericite/clay matrix; v. friable and soft	ALT-X.							
182.65 - 183.40	QZ-SX BX/ANDN; v. brec'd; qz-rich w/ sx - aspy, py; also seri w/in qz vns; QZMZ frags, highly fract'd. Qz is white w/ hairline aspy dissem in qz; aspy also in aggregates, v. fn grained	ALT-X.	Sx - to 15%; overall ~ 7%						
183.40 - 186.45	QZMZ; sheared; localized cataclastic shears & brx.	ALT-X; clay, seri.	@183.40 cataclasite contact.						
		(184.40-185.40 - v. decomposed QZMZ)	@186.00-186.20 cataclasite w/ interbed ANDN frags						
186.45 - 187.75	ANDS, porphyritic (wk) strong crackle qz-cb stwk.	ALT X/S; v. bleached.	Py ~10% dissem; ≤1% aspy; Now LC mod sx'd ANDS (~20%) @187.75 qz vn/stg, wht massive qz w/ brown lim alt'n of py.						
187.75 - 188.84	QZMZ; wk shearing	ALT-S.	Py 2-3%.						
188.84 - 189.80	ANDS, as previous	ALT-S; bleached.	Py ≤1%.						
189.80 - 190.27	QZMZ.	ALT-S	Py ≤1%; sheared LC, gouge						
190.27 - 190.70	ANDS, as previous	ALT-S	Py < 1%.						
190.70 - 219.46	QZMZ,	ALT-S	Py 2%. @191.25 qz vn/stg 5mm/75CA. 3% py. in w/r						

CME

Hole No.: 97-67

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	191.85 – 193.88 v. sheared QZM2 ± incr. Sx² + qz-Sx vning.	ALT-X (QZM7).	191.85 – 192.75 banded/foliated Sx vnlts ; 15% py ± aspy.						
			192.40 – 193.88 qz-Sx VA zone, several - major vns w/ abund aspy + py ± sph.						
			@ 192.60 qz. Sx va 5cm/70°CA; 35-40° Sv, net work texture of aspy, here and in other vns.						
			@ 192.75, 192.92, 193.15 · qz. Sx vns, w/ 20-40% aspy, py, sph						
			@ 193.48 1cm qz. Sv va - 80% aspy						
		194.10 – 198.50 ± bleached QZM2 w/ extensive qz flooding throughout in vems and irreg diffusion.	193.55 – 194.10. shrng shearing in QZM2 w/ cataclasites, wk massive qz va. and dissem Sx, ~15% py in vnlts & dissem; also aspy, but significantly less.						
		198.50 – bleaching continues, decr. qz vns & flooding	@ 198.00 patch of stib						
			198.50 – 199.91 dissem py ± aspy ~ 10%.						
		202.20 – 202.95 qz-flooding + vnlts reappear	202.20 – 202.95 sheared QZM2; Sx vnlts & dissem py ~ 3-5%, abund Ser.						
	202.95 – 219.46 unsheared QZM7; thought common internal fabrics : altered w/ ser ± cb. - shows typical "Brown weathering" - relatively homogeneous, massive looking, competent - veinlets reappear.	202.06 – 212.06 ALT S/M; pervasive/ decreasing w/ local zones w/ major alt² grade relay	202.95 py decr. ≤ 1%						
		216.85 – 217.45 low angle shear (?) w/ abund clay-ser, ± vuggy.							
		212.06 – 218.63 ALT-S, clay alt² narrow shear @ 213.60	213.60 cataclasite; 55°CA; ~5mm, minor assoc qz						
219.46	END OF HOLE								

APPENDIX V

CORE REPROCESSING PROGRAM

b. Corrections to Drilling Database

Goddell Core Reprocessing

Corrections to Digital Database

Hole	Sample	Historical			Relogged			Comment
		From	To	Length	From	To	Length	
97-36		183.10	190.93	7.83				Core split but no record of results - quartered and sampled in 2003
		192.32	196.29	3.97				Core split but no record of results - quartered and sampled in 2003
97-38	B100895	162.15	163.52	1.37	161.70	163.50	1.80	Possible measuring error - not enough information to justify change to database.
97-40	09086	214.25	215.41	1.16	214.25	215.41	1.16	Core split but no record of results - quartered and sampled in 2003
	B100965	215.41	216.10	0.69	215.41	215.64	0.23	Measuring error
97-41	B100982	52.12	53.43	1.31	52.12	53.43	1.31	Sampling error - did not sample full interval
97-42	10002	27.78	29.20	1.42				Core split but no record of results - quartered and sampled in 2003
	10003	29.20	29.90	0.70				Core split but no record of results - quartered and sampled in 2003
97-44								Core block marker error - hole probably 1.52 m shorter than reported - not changed in collar file
97-45	B195115	178.00	178.70	0.70	176.47	177.17	0.70	Measuring error
97-46	B195166	84.70	86.25	1.55	86.25	87.50	1.25	Measuring error
	B195167	86.25	88.50	2.25	87.50	88.60	1.10	Measuring error
97-47	B195217	141.10	142.20	1.10	141.10	143.10	2.00	Measuring error
97-49	B195272	112.50	113.60	1.10	112.30	113.60	1.30	Measuring error
	B195278	158.20	159.50	1.30	158.42	159.42	1.00	Measuring error
97-54	B195409	237.45	239.15	1.70	238.95	240.50	1.55	Measuring error
97-55	B195433	199.35	200.35	1.00	199.35	201.35	2.00	Measuring error
97-56	B195446	191.05	192.46	1.41	191.14	192.46	1.32	Measuring error
97-58	B195579	189.20	190.25	1.05	189.20	190.63	1.43	Measuring error - Note sample assay 13.63 g/t Au
	B195580	190.25	192.15	1.90	190.63	192.15	1.52	Measuring error
97-59								Extra marking block - hole length overstated by 5' or 1.52m - corrected in collar file
97-61	E85038	172.84	175.90	3.06	172.84	174.90	2.06	Original sample intended to be two samples - resampled as such in 2003.
					174.90	175.90	1.00	
97-67	E81570	138.50	140.20	1.70	138.85	140.20	1.35	

APPENDIX VI

DIAMOND DRILLING

a. Drill Hole Summaries
b. Drill Hole Logs
c. Recovery, Rock Quality and Magnetic Susceptibility
d. Density Tests

APPENDIX VI

DIAMOND DRILLING

a. Drill Hole Summaries

CME DIAMOND DRILL HOLE SUMMARY

DDH Number: GG03-1	Project Name: SKUKUM	Project Number: P56D
Hole Length: 473.96m	Azimuth: 041°	Date Started: October 6, 2003
Northing: 6672698.333	Dip: -64°	Date Completed: October 20, 2003
Easting: 483769.414	Down Hole Survey: Multishot	Casing Length: 4.50m
Elevation: 1132.845m	Core Size: NQ	Logged By: TV

OBJECTIVE

Intersect PD Zone mineralization approximately 40 metres down dip of mineralized zone in underground drill hole 97-56. Drilling was conducted from the hanging wall side (south).

GEOLOGY

Quartz monzonite was the most common lithology cored in this drill hole. This unit is medium-grained and equigranular, leucocratic intrusive. Outside the Goddell Shear it is relatively fresh and unaltered. Approaching the shear zone the alteration is typically weak to moderate, consisting of primarily sericite alteration, with rare and short zones of propylitic alteration. A pink, medium to coarse grained hornblende granite was also intersected in the upper part of the hole. Intruding the quartz monzonite are numerous andesite and rhyolite dykes. The andesites are typically medium green to light green grey, and show a characteristic quartz-carbonate tension gash stockwork. Rhyolite dykes include quartz-eye-feldspar porphyry and feldspar porphyry. Spherules, flow-banding and sheared contacts parallel to flow-banding are common. Within a single rhyolite dyke colour may vary from green to white to pink.

Within the shear zone (375.63 – 473.96m), intense sericite to clay alteration of all lithologies is common. Shearing is commonly exhibited in the presence of cataclasites and mylonitic zones with entrained fragments of quartz monzonite, andesite, rhyolite and occasionally quartz (-sulphide) veins.

MINERALIZATION

Gold mineralization within the Goddell Shear consists of mylonites, cataclasites containing brecciated quartz-sulphide vein fragments within highly altered quartz monzonite. Disseminated pyrite and arsenopyrite are the principal sulphides present in the zone. Coarse sphalerite may be present within the quartz veins. Zones of disseminated, very fine grained arsenopyrite within quartz monzonite are also present.

Stibnite mineralization is also observed, principally in a massive stibnite vein, near the end of hole. The vein(s) are subparallel to the core axis.

Other mineralization consists of infrequent quartz extension veins in the footwall of the shear zone which may or may not contain appreciable amounts of sulphides.

SIGNIFICANT INTERSECTIONS

From (m)	To (m)	Length (m)	Au (ppb)	Ag (ppm)	Au (g/t)	Ag (g/t)			
403.00	404.50	1.50			3.76				
409.00	413.50	4.50			2.70				
432.11	453.50	21.39			2.80				
438.17	446.02	7.85			5.32				
457.50	459.03	1.53			2.84				
463.16	463.85	0.69			4.76				

Attach additional sheet if required

CME DIAMOND DRILL HOLE SUMMARY

DDH Number: GG03-2	Project Name: SKUKUM	Project Number: P56D
Hole Length: 428.85m	Azimuth: 173°	Date Started: October 19, 2003
Northing: 6673019.259	Dip: -58°	Date Completed: October 28, 2003
Easting: 483857.503	Down Hole Survey: Multishot	Casing Length: 3.91m
Elevation: 1069.156m	Core Size: NQ	Logged By: TV

OBJECTIVE

Intersect PD Zone mineralization approximately 40 metres west, along strike of mineralized zone in underground drill hole 97-56. Drilling was conducted from the footwall side (north).

GEOLOGY

Quartz monzonite was the most common lithology cored in this drill hole. This unit is medium-grained and equigranular, leucocratic intrusive. At the top of the hole (3.19-33.27m) the intrusive is much darker than the typical footwall intrusive. A moderate to strong quartz-carbonate stockwork is present in this unit as well. Immediately below this is extremely altered quartz-monzonite (advanced argillic alteration) over a wide interval (33.27-79.16 metres) which also incorporated altered andesite and rhyolite dykes (this is the same zone that resulted in the abandoning of hole GG03-2A).

Intruding the quartz monzonite are numerous andesite and rhyolite dykes. The andesites are typically medium green to light green grey, and show a characteristic quartz-carbonate tension gash stockwork. Rhyolite dykes include quartz-eye-feldspar porphyry and feldspar porphyry. Flow-banding and sheared contacts parallel to flow-banding are common. Within a single rhyolite dyke, colour may vary from green to white to pink.

Within the shear zone (322.17 – 389.16m), intense sericite to clay alteration of all lithologies is common. Shearing is commonly exhibited by the presence of cataclasites and mylonitic zones with entrained fragments of quartz monzonite, andesite, rhyolite and occasionally quartz (-sulphide) veins.

MINERALIZATION

Gold mineralization within the Goddell Shear consists of mylonites, cataclasites containing brecciated quartz-sulphide vein fragments within highly altered quartz monzonite. Disseminated pyrite and arsenopyrite are the principal sulphides present in the zone.

Other mineralization consists of infrequent quartz extension veins in the hanging wall of the shear zone which may or may not contain appreciable amounts of sulphides.

SIGNIFICANT INTERSECTIONS

From (m)	To (m)	Length (m)	Au (ppb)	Ag (ppm)	Au (g/t)	Ag (g/t)			
327.33	329.19	1.86			1.38				
352.77	355.33	2.56			2.03				
362.10	363.60	1.50			2.47				

Attach additional sheet if required

CME DIAMOND DRILL HOLE SUMMARY

DDH Number: GG03-2A	Project Name: SKUKUM	Project Number: P56D
Hole Length: 79.13m	Azimuth: 180°	Date Started: October 17, 2003
Northing: 6673057.232	Dip: -56°	Date Completed: October 19, 2003
Easting: 483899.671	Down Hole Survey: Multishot	Casing Length: 6.10m
Elevation: 1071.026m	Core Size: NQ	Logged By: TV

OBJECTIVE

Intersect PD Zone mineralization approximately 40 metres along strike and 20 metres down dip of mineralized zone in underground drill hole 97-56.

GEOLOGY

This drillhole was aborted at 79.13 metres due to encountering of a large void within the rocks. Initially it was believed to have been the Goddell adit, however subsequent surveying indicates this is unlikely.

Rock intersected by this hole included a very dark coloured quartz monzonite unit, with quite high silicification and veining. Following this, and continuing to end of hole was extremely altered quartz mononite and felsite. Alteration is considered advanced argillic. The core is extremely soft consisting primarily of clay altered feldspars.

MINERALIZATION

The targeted PD zone mineralization was not encountered.

Mineralization noted in the cored rock consisted primarily of disseminated pyrite. Stibnite was noted a several locations within the argillically altered quartz monzonite.

SIGNIFICANT INTERSECTIONS

From (m)	To (m)	Length (m)	Au (ppb)	Ag (ppm)	Au (g/t)	Ag (g/t)			
No significant intersections									

Attach additional sheet if required

APPENDIX VI

DIAMOND DRILLING

b. Drill Hole Logs

CME

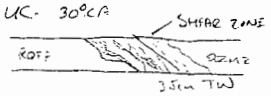
6603-1

		Total Depth (m):	473.96	Contractor:	CARON	Hole survey type:	MULTISHOT	Depth	Dip	Azimuth
Project name:	SKUKUM	Grid:	UTM	Northing:	6672698.333	Started:	10/08/03			
Project # :	CRS6C	Dip:	-64°	Easting:	483769.414	Completed:	10/22/03			
D.D. Hole #:	6603-1	Azimuth:	041°	Collar Elev.:	1132.845m	Logged by:	TN			
		Core size:	NQ			Date logged:	10/12/03 – 10/23/03			

Scale	From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	0 – 4.50	CASING, no recovery.								
	4.50 – 7.80	Rubbly str oxidized QZMZ overburden								
	7.80 – 11.07	QZMZ, fairly fresh, only brown weathering due to sfc oxidation. Weakly magnetic, except where v. fresh, then moderate. Medium grained, equigranular; pale pink to pink/green when v. fresh	ALT – N/W. Alt° is primarily sfc oxid° (brown-weathering) hem-lim, poss Mn on fracs.							
	11.07 – 12.24	ANDS dyke., fresh, porphyritic w/ chloritized hbl & fsp. phenos (DACT?)	ALT – N/W	uc sharp. 40°CA LC sharp 35°CA } sheared						
	12.24 – 51.80.	QZMZ.; as previously described. (magnetic), v. slight bleaching and/or mod-wk silicification vnts	ALT – N/W Alt° still primarily sfc ox or meteoric water infiltration along fracs. Lim/mem alteration of wallrock from main fracs are distinct from 2-10 cm radius.	21.25-22.25 rubbly broken core – lm/mm. @ 22.95 minor qz-chalcedony vnlts @ 28.50 4cm pink dyke or K-spar rich zone in QZMZ, texture is similar to host. @ 40.22 Seri? shear 5mm/35°CA @ 41.52 qz-ch vnlt. 5mm/25°CA @ 44.60 qz vnlt. 5mm/25°CA @ 46.63 sheared vn? 6cm/30°CA						
			28.60 – 32.60 – ALT – N							
			32.60 – 33.90 – v. low mafics ALT – W (no magnetism)							
			33.90 – 45.11 ALT – N. (except around fracs/vnlts/stringers							
			45.11 – 48.76 ALT – M/S. Sericite alt° due to injection of AKDK (?); decreases down-hole							
		45.72 – 46.13 Two AKDK (?) v. f. grained, pink; 5gtd 6cm wide 20–25° CA; wide alt° halo.								

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	QZMZ (cont'd)	48.76 - 50.20 ALT - N (v. fresh)							
	55.85 - 56.10 AKDK; pink, fn-grained 50°CA ~70cm wide.	50.20 - ALT - W (local M) mostly bleaching, lim/hem. Sxr slightly incr; pbbp pervasive							
	@57.84 AKDK 2cm/ 70°CA	52.84 - 53.72 strong lim/hem alt^n, some leaching							
51.20 - 60.65	RHYL ?, or bleached AND S ? wk. flow banding; med grey.; cut by several qz-sx vn, primarily close to CA ?		Dissem py bookwork (remineralized by py aggregates. (5%) @ UC, qz - sx VN (1ok blue & white) w/ py + pass aspy + stib. 5cm/70°CA (~15-20% sx, fine) Hairline qz ± sx veins @60.18., qz-sx vnlt (sheared) ~1cm/70°CA, similar mineralogy & alt^n.						
60.65 - 62.49	QZMZ., pale green, sheared (?) contains some xenos of above unit	ALT - M.,	Pyritic (1-2%) @61.33 injected felsic? pat material w/ sx + qz vn, ~70-75° CA.	09338	58.05 - 59.05	1.00	<0.01		
				09339	59.05 - 60.65	1.60	0.73		
				09340	60.65 - 62.49	1.84	0.11		
				09341	62.49 - 63.60	1.11	0.01		
62.49 - 64.70	AND S; less altered than 51.20-60.65' Speckled w/ green porphy	ALT - W	@67.35 massive wht qz VN., barren, offset and sheared out of core; 1cm/35°CA	09342	63.60 - 64.70	1.10	0.01		
64.70 - 66.48	QZMZ., as @ 60.65 - 62.49	ALT - M/W.	@65.14 narrow qz ± cb ± sx vnlt. 2-5mm/15°CA LC is silicified, bx'd w/ qz-cb vning						
66.48 - 67.95	AND S; as previous	ALT - W.							
67.85 - 68.85	GRNT (?) Pink med grained, intrusive sparse qz, fsp up to 5mm (white) ~25% minor mafics to wnl	ALT - W.	@68.21 narrow alt AND? dyke/ 1.5cm/30°CA						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au g/t	Ag	Other
68.85 – 72.02	ANDS/DACT dyke; porphyritic where altered/bleached. (may only be visible when bleached. 69.44 - 69.80 Pink GRNT/QZMZ ?	ALT - M. (ser) 68.85 – 71.36 ALT-M, pale green w/ qz-cb tension fill vnlts 71.36 - 72.02 dk green,							
72.02 – 73.92	Pink GRNT/QZMZ ?, med to locally crs-grained; hbl matrix; magnetic where fresher	ALT - N/W, propylitic	uc sharp 30°CA LC sharp 75°CA						
73.92 - 74.68	ANDS/DACT, as previous								
74.68 – 79.70	Pink GRNT; as previous Appears to either grade into more typical QZMZ or becomes increasing propylitically and argillically altered by 78.70.	ALT - W/M, propylitic, -incr. ser w/ depth - v. rare matrix alt'n	uc 45°CA @ 76.40, fault zone, narrow, gouge qz + dk grey fine sx (?), limonitic frac sets @ 77.10 narrow qz-sx volt. 2mm/30°CA py+sfs ± aspy. @ 79.20 qz-sx vn 4/cm / 30°CA py + aspy (acicular needles) ± sfs	09348 09344	76.93 - 78.49 78.49 - 79.70	1.56 1.21	0.01 0.01		
79.70 – 80.58	ANDS; med, dk green, fn-grained,	ALT - W	@ 79.70 LC 50°CA	09345	79.70 - 80.58	0.88	0.03		
80.58 – 90.10	GRNT; pink, fs-rich	ALT - W/M; propylitic minor epi stringers.	uc intrusive w/ offset; 10-20°CA						
90.10 – 91.10	ANDS, as previous	ALT - W, except at LC where bleached over 10-15cm (pale green)	uc intrusive w/ offset; 10-20°CA LC intrusive, narrow fingers into GRNT						
91.10 – 106.03	GRNT, as previous	ALT - N/W, propylitic 93.50, zone of w/N ALT; propylitic	@ 97.37, v. narrow sx-qz stringer, 50°CA						
	v98.75 matrix appear (unaltered core), locally v. magnetic; 2-3% hbl								
	@101.50 Stained for K-spar. (fresh GRNT) K-spar fine grained (pink); larger plag xtals minor qz & hbl 50+% Kspar; 40% plag; 5% qz, 5% hbl.								

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	GRNT (cont'd)	@104.65-109.85, broken core, limonitic strs	105.81 - 106.37 Fault zone, crosses contact between GRNT + RHYL; clay & HG Fault @ ~15-20°CA						
106.30 - 149.03	ROF?; sporadic @ upper contact zone Rare qz phenos to locally absent, fsp phenos up to 3mm, paring & diffuse - 10-15%; weakly magnetic	ALT - N/W., though v. pnk alt^ @ uc. (S)	@110.30 Frac zone (~5cm), limonitic staining of fracs and into w/r for 2cm						
	112.06 - 116.57 core becomes paler and gradually fades back to typical pale green/ off white/ tan.	Numerous limonitic alteration zones along major fracs.; w/ feathery red/black mineral (hematite?)	Trace cubic py - over interval.						
	132.50 - 141.50 core becomes paler again. (ALT! grase?, poss epi - / K-spar.?)	Rare mafics chlor. tread.	139.30 - 142.46 Major Fault Zone. Core become v. broken & blocky, Minor gouge; occurs in pnk ROFP. (mostly);						
	147.14 - 149.03 RHYL becomes flow-banded and spherulitic (approaching contact) shearing incr	ALT M; seri incr, wk clay.	Hairline hem veins v.s in pnk ROFP, assoc w/ brecciating Flow-banding ~ 30°CA						
149.03 - 155.59	QZMP; strongly sheared and altered, v. soft & gouge @ UC Generally green due to seri alt^, esp @ uc & LC areas, but centre of interval more pink, less sheared,	ALT M, locally S. propylitic, argillic	UC - 30°CA  150.58 - 151.33 minor dk stylolitic veins, mostly chl, poss minor sx., oriented down CA; Assoc w/ strongly sheared QZMP (and strong alt^). @133.15; minor hairline hem veins in "pinker" QZMP						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
155.59 – 161.49	RQFP; trough qz phenos rare (<2%) locally spherulitic, generally homogenous v. light grey, off white,	ALT - M (sericitic) Rare green alt of phenos.	LC @ 155.59, sharp contact, faulted cleanly, little evidence of strong shear contact, esp in O7MZ. ~90°CA. @156.55 frac w/ hem alt. @158.80 shear/frac zone, leached dk vnlt; v soft clay altered ↳ 2mm/30°CA 161.28 - 161.49, brecciated RHYL, leached and clay-alt'd,		160.32 - 161.49	1.17	0.01		
161.49 – 177.73	O7MZ, sheared; blocky and broken.	ALT-S, strong propylitic	O7MZ @ UC v. strong sheared to clayey gouge; irreg contact w/ RHYL		161.49 - 163.24	1.75	0.01		
			161.91 - 163.77 narrow sx vnlts and vns; dominantly py (fn-grained), dk blue grey hairline vnlts, some disseminated py w/in O7MZ		163.24 - 164.11	0.87	0.26		
			@163.04 SX-Qz vnlt 5mm/30°CA; @163.17 Sheared O7MZ w/ sx veining		164.11 - 165.61	1.50	0.01		
	167.50 - 167.90 ANDS dyke, bleached, porphyritic (green hbl phenos)	ALT S/M	168.15 - 168.65, low angle cb-qz vn/fnr. 1-2cm / 10°CA						
	172.10 - 172.35 zone of fresh O7MZ (mafics & magnetic); generally 5-10cm areas								
177.73 – 205.02	RQFP/RFP; qz phenos present but v. minor <2% Flow-banded, spherulitic for 2.40m from UC; then grades into homogeneous off-white/tan RQFP.	ALT - M UC v. altered (X) clay, green ser, qz-cb alt'n	UC sharp, sheared, clay altered Near UC spherules/vugs infilled by lt. brown qz; cb alt'n halos. Flow banding 50°CA / 40°CA						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	RQFP (cont'd)								
	195.53 – 190.42 RQFP grades into and out of pale red/pink colour w/ grayish? alt'o ft phenos (epi ± chl)	ALT - M.							
	Below "pink zone", fracs in core w/ red/pink hem alt'n		195.20 - 195.55 Frac zone - fault? broken core						
205.02 - 207.83	QZMZ, med-grained, ; fsp phenos variable from zones v. rich (3-4mm, 30%) to zones where they are not so prominent		UC intrusive, irregular						
	205.02 - 205.57	ALT-S							
	205.57 - 206.24	ALT-M	@206.52 grey qz floating core, recr 5x	09350	205.02 - 206.24	1.22			
	206.24 - 206.98	ALT-S		09351	206.24 - 207.83	1.59			
	206.98 - 207.42	ALT-M							
	207.42 - 207.83 – qz flooding, disrupted rks.	ALT- S/x.							
207.83 - 210.30	RHYL - spherulitic; green near UC, becoming tan/brownish pink. Spherules quite large, up to 2cm.	ALT X → decreasing to M.	UC, major shear/fault plane, vuggy, highly vacked and clay altered (70°CA/ ~ 10cm wide) Qz, spherule frags.	09352	207.82 - 208.56	0.73			
		V. abund seri/clay in shear @ UC.		09353	208.56 - 210.31	1.75			
	@ 210.50 spherules decrease, more foliated/ flow banded to approx 211.30 (gradually fade out.								
210.30 – 220.98	R(D)FP, v. rare qz phenos. Tan to off-white; quite massive and competent,	ALT - M; seri dominant, minor chl.	Weak flow banding evident near start of interval (continuation of previous)						
			@LC, intrusive contact; sheared against pink QZMZ 40°CA.						

CME

Hole No.: GG03-1

Scale	From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	220.98 – 222.65	QZMZ, pink, med-grained, equigranular, wk shearing	ALT-M, propylitic; seri increasing (green)	@222.44 local tension-fill qz-cb veins						
	222.65 – 223.48	ANDS., sheared, med green to olive	ALT-M, bleached, chloritized phenos(?); mod seri,	UC, 20°CA Trace dissem py. LC, 35°CA.						
	223.48 – 225.99	QZMZ, as @ 220.98 – 222.65								
	225.99 – 230.92	RFP ± qz, (v. rare <<1%) V. similar to 210.30 – 220.98.	ALT-M; seri dominant.	UC, intrusive, weak shearing, irregular to no flow banding)						
		228.31 – 229.81 Spherulitic and wk shearing or poss flow banding (foliation)		Fol^n/flow banding in spherulitic section ~ 25°CA						
		229.81 → becomes v. homogenous w/ 10-15% fep phenos up to 5mm, looks fragmented (sub-hedral), v. minor chloritic (?) fracs (incursive), minor <5% chloritic phenos								
				@248.78, narrow qtz vnlt. along frac; some stib (?) in vlt, feathery!						
				251.53 – 251.71; dk stib? + pois py/aspy(?) in RQFP	09354	250.53 – 251.33	0.80			
					09355	251.33 – 251.81	0.48			
					09356	251.81 – 252.76	0.95			
		~253.60 increased shearing, alt^n, appears spherulitic								
		254.00 – 254.93 QZMZ xeno, contacts show ingress of RHYL melt along fracs V. sheared & altered; one ANDS xeno.		Below xeno, flow banding in RQFP, which shows offsetting; irregular orientation 20-30°CA						
		254.93 – Unit becomes more typical RQFP, distinct qz eyes (6-10%)	– ALT-S; incr argillic to clay alt^n							

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	(RQFP, cont'd)	~268 → contact, incr alt? entrained dk green ANDS frags 269.87, core reddish brown, v. sheared	@ 261.66 flow banding 50°CA						
			@ 270.10, injected/xenolith of ANDS/ QZMZ, completely altered to tan/yellow	09357 09358	268.55 - 269.87 269.87 - 270.92	1.32 1.05			
270.92 – 308.85	QZMZ, v. sheared, typical equigranular pink & green unit	270.92 - 272.42 ALT - S Dark grey mineral in QZMZ – probably dk seri (?) 272.42 - ALT M/S - pre-dominantly green seri/epi ical, bleached w/ wk. silicification (?)	UC w/ RQFP 35°CA: Strong shearing from 270.92 - 270.42 large frags, incr silicification, qz-flooding w/ sx @ 271.17, fragmented qz-sx vn(?); dominantly py + poss sph/aspy (but not identified positive) 279.37 – 279.68 Shear zone, rich epi/seri alt°, core slightly rubbled, but no significant fine-grained matrix @ 283.27 1mm sx vn.	09359 09360 09361 09362 09363	270.92 - 272.42 272.42 - 273.90 282.50 - 284.00 284.00 - 285.17 285.17 - 286.92	1.50 1.48 1.50 1.17 1.75			
	284.00 – 285.17 Zone of intermixed, sheared ANDS dyke material, showing multiple offsets ANDS pyritic to 3%; cb-qz stockwork due to tension-fill [mistake @ approx 286.50m, some core recovered, some lost]		287.00 → core increasingly fractured, blocky and sheared, ALT° increased slightly, locally pitted/leached of clay and salt minerals 291.55 - 292.20 shear @ near 11 to CA, chl/seri rich ductile planes between QZMZ.						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	QZMZ (contd)		295.88 - 296 sil flooding; minor py. 296.00 - 296.05 ductile shear, dk grey, v. fine grained clay, minor disseminated py in dk material ~4cm/45°CA Mill 92/Hop fragments.						
		299.97 - 302.47 ALT - M, mafics visible in QZMZ, weakly magnetic	304.81 -> core becomes blocky, frac'd ~~post fault from 304.81 - 306.48~~	09364 09365 09366 09367	303.43 - 305.93 305.93 - 306.50 306.50 - 308.00 308.00 - 308.85	2.50 0.57 1.50 0.85	—	check	interval in DX
308.85 -	AND S, fine grained dk green-grey. Very blocky and fractured, sheared with later faulting (?) ↓ CONTINUED NEXT PAGE	ALT - M. Prominent hematite on frac sfcs; and/or veins w/ cb.	AND! dyke pyrite, in veins and disseminated 3-5%. @ 312. v. broken core - fault?, gouge and/or clay alt'n.						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
308.85 – 314.07	ANDS, typical fine grained green dyke, thought few green phenos; likely due to shearing,	ALT - M, moderately bleached	Moderate qz-cb tension vein stockwork. Weakly pyritic; 1-2%, disem. LC - 45°CA	09368	308.85 - 310.35	1.50			
				09369	310.35 - 311.85	1.50			
				09372	311.85 - 312.57	0.72			
				09373	312.57 - 314.07	1.50			
314.07 – 359.79	QFMZ, med grained, variably altered;	ALT - W/N, propylitic w/ increasing sericitic overprint. (locally magnetic - N)		09374	314.07 - 315.50	1.43			
				09375	315.50 - 316.69	1.19			
	316.69 - 317.09 (approx), extremely fractured & broken ANDS dyke; same as previous.			09376	316.69 - 317.09	0.40			
			316.69 - 317.76 Fault zone, v. broken core through ANDS and QFMZ. better is argillically alt'd.	09377	317.09 - 317.46	0.37			
	@317.4 ANDS dyke frag 2cm/45°CA sharp contacts, sheared into QFMZ.			09378	317.46 - 319.26	1.80			
			317.76 → core becomes solid, competent						
		329.80 - 333.15 ALT - M. green sericitic, local shear planes	@330.60 leached zone ~15cm, (clay alt'n?)						
		335.88 - 336.38 ALT - M w/ local sil-flooding & qz veins; diffuse.	@335.5± APLTT dyke 1cm/55°CA.						
	@337.33 ANDS xeno; 4cm x 1cm		@340.64 shear, ~1cm, 20°CA						
	@342.50 APLT/AKOK dyke 5cm/40°CA		@345.00 shear (wk) - 9-10cm, silica 20-30°CA						
		352.10 - 353.82, ALT - M, shearing and silicification, strong seri, ±pl + chl.	@351.55, 351.87 narrow wht qz vnlts. @352.35 small qz vnlt w/ fsp? (white) assoc. py. rich chl in wallrock.						
			@352.47 small clot of py assoc w/ silica.						
	350.1 - 356.25 Felsic phase in QFMZ (?) pink v. fine grained and diffuse			09379	356.19 - 358.29	2.10			
			357.60 - 357.83 shear zone, poss ANDS original lith, HLBX; fragmented, cal and clay matrix 12cm wide / 25°CA	09380	358.29 - 359.79	1.50			
359.79 – 362.93	ANDS dyke; porphyritic - dk green phenos	ALT - M, bleached, wk sil(?) cb-qz stockwork hem alt'n on frac sfcs. Bleaching strongest @ UC/LC.	UC w/ shear; chl-cb-seri ~70°CA. Pyritic ANDS ~ 1-3%	09381	359.79 - 361.30	1.51			
				09382	361.30 - 362.93	1.63			

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	ANDS (cont'd)								
362.93 – 368.65	QZMZ, similar to previous QZMZ interval.	ALT-M., propylitic wi mod seri.	@LC, intrusive, irregular contact	09383	362.93 - 364.50	1.57			
				09384	364.50 - 366.00	1.50			
				09385	366.00 - 367.50	1.50			
				09386	367.50 - 368.65	1.15			
368.65 – 370.49	ANDS dyke, sheared	ALT M/S. - v. bleached to olive/green, - bright green sericitized phenos - qz-cb stockwork, mod-strong - locally pinkish colour (hem)	@368.17 shear, green-gray (like ANDS) 35-45° contact angles; LC sharp 45°CA @369.29 cb-qz-hem-seri vnlts, sheared Py 1-3% over unit	09387	368.65 - 369.65	1.00			
				09388	369.65 - 370.49	0.84			
370.49 – 377.83	QZMZ, sheared; with several strong ductile shears/cataclasites wi entrained qz/fsp xtals;	ALT - M/S. bleached and appears qz-flooded to silicified;	UC ~25°CA (sheared) Py - 3-5%, dissem, concentrating along fracs.	09389	370.49 - 371.48	0.99			
				09390	371.48 - 372.83	1.35			
		@371.63, around main shear, ALT-X, clay, seri	Main cataclasites/mylonites @: 371.05, several 1-3cm, black ~371.63; v. strong mylonite ~10cm wide wi qz/fsp xtals, foliated, milled; qz vn along boundary; dissem py throughout dk matrix which appears to be mostly chl/ser/fsx (py) ~20°CA						
372.83 – 375.63	ANDS, highly sheared, brecciated @ upper contact.	ALT-S, seri, sil (bleached) intense cb-qz crackle stkwk, (many v. thin hairline vnlts)	UC, irreg contact, brecciated. Mod. dissem py 1-3%, locally 5%.	09391	372.83 - 374.42	1.59			
				09392	374.42 - 375.63	1.21			
			@375.3 (approx) massive wht qz vn. 2cm/30°						
			375.35-375.93 fault zone; bx'd ANDS, gouge, clasts created 20°-30°CA						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
375.63 – 416.56	QZMZ - sheared	ALT - S decreasing to M.	UC DX'd w/ ANDS; part of fault zone; gougy till 376.60m.	09439	375.63 - 377.43	1.80			
				09440	377.43 - 379.00	1.57			
				09441	379.00 - 380.50	1.50			
				09442	380.50 - 382.00	1.50			
				09443	382.00 - 383.50	1.50			
				09444	383.50 - 385.00	1.50			
	385.12 – 385.35 FLDK, UC 50° sheared, LC intrusive, pveg			09445	385.00 - 386.50	1.50			
			[@391.97 missing some core, block position O.K.]	09446	386.50 - 388.00	1.50			
	@394.44 10cm FLDK (?), v. pale pnk.		@394.67 dk grey ductile shear/mylonite	09447	388.00 - 389.50	1.50			
			@397.21 narrow qz(cb) vnlt w/ strong epi alt'n halo; also semi; minor diss py.	09448	389.50 - 391.00	1.50			
		~398 ALT - S increasing to X by 416	395 – 396.50 Broken core - fault?	09451	391.00 - 392.50	1.50			
				09452	392.50 - 394.00	1.50			
				09453	394.00 - 395.50	1.50			
			@402.12 narrow mylonite band 40°CA.	09454	395.50 - 397.00	1.50			
			406.00 - 406.90 incr py diss 3%, numerous v. narrow qtz mylonite bands,	09455	397.00 - 398.50	1.50			
		406.35 – 407.50 silica flooding		09456	398.50 - 400.00	1.50			
				09457	400.00 - 401.50	1.50			
	409.91 – 410.15 ANDS dyke. (xeno?)			09458	401.50 - 403.00	1.50			
			@410.34 disrupted qz vn. wsl py + aspy?; Also poss aspy @ 410.38.	09459	403.00 - 404.50	1.50	3.76		]3.76/1.5m
			@410.70 qz-ser vnlt 5-7mm/ 45°CA + py + aspy?	09460	404.50 - 406.00	1.50	310 ppb		
				09461	406.00 - 407.50	1.50	535 ppb		1.82/ 10.5m
			410.70 – 411.00 strong shearing	09462	407.50 - 409.00	1.50	15 ppb ~~0.006 0.555 ppb~~		
				[09463	409.00 - 410.50	1.50	2.72		]2.70/ 4.50m
			@411.93 ANDS xeno?, py, tr. ~ 10-15%	09464	410.50 - 411.00	1.50	4.04		
			@413.25 mylonite / DX; dk matrix, mixed QtzMz (qz + ss)	09465]	411.00 - 413.50	1.50	1.35		
				09466	413.50 - 414.70	1.20			
	@415.75 ANDS (xeno), 10cm.			09467	414.70 - 415.70	1.00			
				09468	415.70 - 416.82	1.12			

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
416.56 - 416.82	ANDS dyke; typical bleached unit w/ cb-qz stkwk + grain seri.	ALT - S	Minor dissem py 3-5%.						
416.82 - 430.18	QZMZ, sheared	ALT - S/X.; complete sericitization of feldspars, v. lt, no mafic present; incr. clay alt'n.	Numerous narrow mylonitic shears (cm-dm), typically 2mm - 2cm, occasionally w/ near bx'd qtz of QZMZ. Orientation variably 25° - 85° CA. Dissem py. 1-3%.	09394 09395 09396 09397 09398 09401 09402 09403 09404	416.82 - 418.30 418.30 - 419.80 419.80 - 421.30 421.30 - 422.80 422.80 - 424.30 424.30 - 425.80 425.80 - 427.30 427.30 - 428.80 428.80 - 430.18	1.48 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50	0.01 0.03 0.22 0.49 0.76 0.86 0.20 0.03 0.04		
430.18 - 450.49	QZMZ sheared. 430.18 - 431.29; mylonite zone.	ALT - X (as above) complete ser. ritization, high clay content (no longer in core due to washing by drilling)	Mylonite shear zones throughout: 430.18 - 431.29; approx 9 black/dk grey, v. fine grained mylonite/cataclasite ~30° CA, 1-2cm, intense foliation fabric, disrupted qz vein frags? Pyrite dissem 1%, dk mylonite may contain v. fn sx but not visible; also likely alt ser zone	09405 09406 09407 09408 09409 09410 09411 09412 09413	430.18 - 431.29 431.29 - 432.11 432.11 - 433.61 433.61 - 434.36 434.36 - 435.28 435.28 - 436.19 436.19 - 437.19 437.19 - 438.17 438.17 - 439.51	1.11 0.82 1.50 0.75 0.92 0.91 1.00 0.98 1.34	0.81 0.43 3.58 0.07 0.04 4.67 0.53 0.21 5.87		
	431.29 - 432.11 - strong sheared QZMZ, minor black shears/mylonite 432.11 - 434.36 - v. strong shearing w/ mylonites & brecciated qz vn frags or silica flooding/remobilized qz from the QZMZ. 434.36 - 435.28 sheared QZMZ, minor black mylonite 435.18 - 436.19 v. strong mylonitic shear zone w/ brecciated qz vn fragment. 436.19 → extremely sheared QZMZ w/ localized mylonite shears; silica-rich		@432.22 qz vn.; one 5cm sheared out at 50°CA; py selv. & dissem 3-5% @432.72, more sheared qz vn; py ~ 3-5% v. fn dissem; poss aspy. 435.95 - 436.19 v. heavy, v. finely dissem sx; py + aspy (± sph/tet?) (Aspy extremely fine, but appears light grey vs. py); 20% sx @438.24 strong mylonite, aspy eggs.							

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	07MZ (con't)		438.56 – 439.19, qz-sx vnlng in foliated mylonitic shears, blue/white qz, massive py + local massive fine grained aspy + sph (brown-yellow)	09414	439.51 – 441.11	1.60	5.96		
			439.51: gouge zone in mylonite, grey clay.						
			440.59 – 440.7. qz vnlng as above. white/blue qz w/ interstitial sx of py + probable aspy, sph.						
	441.11 – 441.57 Sheared 07MZ, rare black mylonite		@441, mylonite 9cm/35°CA, w/ bx'd frags; 10%-15% py.	09415	441.11 – 442.78	1.67	0.22		
	441.57 – 441.60 Thin ANDS dyke, completely sheared and altered, bright green seri gneiss.		@441.75 black mylonite 5cm/70°CA						
	442.78 – 443.74 – may be an old ANDS dyke – ANDS frags with mylonite		442.78 – 443.74. V. strong mylonite breccia zone.; qz vn frags ANDS frags up to 5cm, 07 vn material w/ 5% py, aspy, minor sph.	09416	442.78 – 443.74	0.96	11.90		
				09417	443.74 – 444.77	1.03	4.32		
				09418	444.77 – 446.02	1.25	6.43		
	@444.32 Probable ANDS frag/xeno, sulph-altered w/ 25% py + aspy – v fn grained			09419	446.02 – 447.18	1.16	2.87		
			444.77 – 446.02 v. strong mylonite qz vn bx; 50% mylonite, 40% qz-sx vn.; 5% py 10-20%, aspy 2-5%, sph <1%.	09420	447.18 – 448.88	1.70	0.37		
	446.02 – 449.34 v. strongly foliated/altered 07MZ. 40-50°CA			09421	448.88 – 450.47	1.59	1.20		
			448.88 – 450.47 Foliated mylonite to qz-bx; mylonite v. strong from 449.96 – 450.47 – contains qz vn frags in sx matrix 15-20% py; ~1% aspy (visible)						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
450.47 - 456.04	RHYL, flow-banded and sheared; off-white to tan; 1% qz. phenos; ragged fsp. phenos (ROFP-central marker?)	ALT - S/X; green seri alt^{n} concentrated along flow-bands bleached	Disseminated py 1-2%; patchy	09422	450.47 - 452.00	1.53	0.84		
			@ 451.01 sheared in block (xeno?) of qz-sx vn/mylonite (covers on ½ of core) w/ ~30% py.	09423	452.00 - 453.50	1.50	1.37		
			Flow banding 25-45°CA						
			Patchy dk blue-grey diffuse mineral-sx?, seri?; difficult to distinguish in hand lens; appears to be some assoc sx (py, marig), stib?						
	454.49-454.90 v. complexly emplaced med grey ROFP in off white ROFP; v. narrow shear planes (blue grey mud?)		V. concentrated @ 453.95, 454.96						
			450.45-452.73; frac'd core w/ "stylolitic" pyrite walls, anastomosing, 20-30°CA Look like frac are bleeding off main	09424	453.50 - 455.00	1.50	0.88		
			Fracture 15°CA; Py walls w/ dk blue mineral	09425	455.00 - 456.04	1.04	0.45		
456.04 - 473.96	QFMZ, sheared and internally fractured	ALT - X; green seri alt^{n} probably some clay alt^{n} (core pitted and leached looking	UC marked by 1cm/30°CA mylonite	09426	456.04 - 457.50	1.46	0.13		
		local silicification or qz-flooding particularly @ 456.05-456.75 458.29-459.03 →	457.53-457.69 Mylonite w qz-sx vn Prags w/ py+ aspy (5%, 1-2%, resp.)	09427	457.50 - 459.03	1.53	2.84		
			Assoc qz veining w/ minor py, post aspy. Vns ~ 1.5cm, massive wht w/ grey traces.						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	(QFMZ, sheared, cont'd)	Core v. soft + pitted (clay washed at by drilling ?) Local zones of qz-flooding and/or silicification evident	463.16 - 463.85 sheared, brec qz-sx vn and mylonite; dissem locally 15%, overall 3%, py ~10%.	09428	459.03 - 460.50	1.47	0.07		
				09429	460.50 - 462.00	1.50	0.01		
				09430	462.00 - 463.16	1.16	0.37		
				09431	463.16 - 463.85	0.69	4.76		
		approx 460m; ALT decreases to strong for rest of hole.	463.55 - 465.35; narrow low angle to CA (virtually parallel) massive stibnite veins; @ 464.10 vn ~ 5mm wide, subparallel to CA (core v. noticeably wt high heft)	09432	463.85 - 465.44	1.59	0.38		
				09433	465.44 - 467.00	1.56	0.07		
	471.93 - 472.53 dk grey/green QFMZ; qz.			09434	467.00 - 468.50	1.50	0.06		
	472.53 - 472.91 RHYL? or sil-flood zone, dk homogeneous fine core, wl sx. (py + stib?); sharp u/l contacts 35°			09435	468.50 - 469.50	1.00	0.03		
				09436	469.50 - 470.46	0.96	0.11		
			470. - 470.5 (approx) Fault?, broken core, poor recovery;	09437	470.46 - 471.93	1.47	0.07		
				09438	471.93 - 472.91	0.98	0.46		
473.96	END OF HOLE			09439	472.91 - 473.96	1.05	< 0.01		

CME

GG03-2

assay entered
zone official
326.18
373.55

Project name: SKUKUM
Project #: PSED
D.D. Hole #: GG03-2

Length (m): 497.55
Grid: UTM NAD83
Dip: -58°
Azimuth: 173°
Core size: NQ

Contractor: CARON
Northing: 6673019.259
Easting: 483857.503
Collar Elev.: 1069.156m

Hole survey type: MULTISHOT
Started: 10/23/03
Completed: 10/29/03
Logged by: TV
Date logged: 10/29/03 - 10/30/03

Depth	Dip	Azimuth

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0 - 3.19	CASING / NO CORE RECOVERY								
3.19 - 28.32	QFMZ; v. dk compared to typical QFMZ in the area; med to dk green-grey, texture fairly diffuse and mottled Mod-strong qz-cb stockwork varying throughout the unit V. magnetic ↳ GRDL phase?	ALT - M - approx chlorite - minor ser. - qz flooded? - local K-spar, but rare. - hem or fract and disc w/ veining - limonite ≤1% on fracs.	V. rare py., but may be v. fine grained 10.50 - 14.25 abundant silica and qz veins w/ hem, chl, ser.	09471	6.40 - 7.92	1.52	5	0.2	
				09472	7.92 - 9.45	1.53	5	0.2	
				09473	9.45 - 10.97	1.52	5	0.2	
				09474	10.97 - 12.50	1.53	5	0.3	
				09475	12.50 - 14.02	1.52	5	0.3	
				09476	14.02 - 15.54	1.52	5	0.2	
				09477	15.54 - 17.07	1.53	5	0.2	
				09478	17.07 - 18.59	1.52	5	0.2	
				09479	18.59 - 20.12	1.53	5	0.2	
				09480	20.12 - 21.64	1.52	60	0.2	
	28.32 - 29.41; fine-grained intrusive, v dike, pale grey matrix, biotite speckled Dior?	ALT-X, v silic, clay-carb, friable		09481	21.64 - 23.16	1.52	5	0.2	
				09482	23.16 - 24.69	1.53	5	0.2	
				09483	24.69 - 26.21	1.52	5	0.2	
				09484	26.21 - 27.58	1.37	5	0.2	
38.32 - 63.40	QFMZ; appears locally sheared, intense clay alteration through most of unit - no magnetite, highly fract'd & faulted.	ALT - X/S, clay altn; v bleached core, mod. ser.	No py visible	09485	27.58 - 28.96	1.38	5	0.2	
				09486	28.96 - 30.78	1.82	5	0.2	
				09487	30.78 - 32.20	1.42	5	0.2	
			35.50 - 35.70 FLT Z	09488	32.20 - 33.68	1.48	10	0.2	
				09489	33.68 - 35.20	1.52	520	0.3	
			39.10 - 39.45 shear zone; ductile w/ abundant green ser? or epi?; also dk ductile shear @ 39.35; minor py pass thru disseм. 70° CA	09490	35.20 - 36.73	1.53	5	0.2	
				09491	36.73 - 38.40	1.67	5	0.2	
		HVS - 44.50 rubbly core, start of X - clay altn QFMZ, soft & gouge-like, harder sections are v. clay removal		09492	38.40 - 39.93	1.53	5	0.3	
				09493	39.93 - 41.45	1.52	5	0.2	
				09494	41.45 - 42.98	1.53	5	0.2	
				09495	42.98 - 44.50	1.52	5	0.2	
	4	44.50 - 47.30 Pink QFMZ, not K-spar (stain-tested); poss remaining of fsp??;	grey blue chalcedony veins following core axis in pink QFMZ	09496	44.50 - 46.02	1.52	5	0.2	
				09497	46.02 - 47.40	1.38	5	0.2	

Hole No.: GG03-2

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(QZMZ, rental)								
	48.50 - 48.65 ANDS dyke, quite solid & competent despite alt° of QZMZ surrounding it; Upper & lower contacts 45°CA.	ALT - S; ser/clay	Rare py w/ limonite halves in ANDS dyke (1<1%)	09498	47.40 - 48.46	1.06	5	0.2	
				09501	48.46 - 49.07	0.61	5	0.5	
				09502	4907 - 5059	1.52	5	0.5	
			@ 51.49 narrow valt/sheer w/ ok	09503	5059 - 57.12	1.53	5	0.2	
	56.34 - 56.94 RHYL? dyke; tan coloured & altered v. soft but still more competent than bleached QZMZ (possibly different) Upper lower contacts @ 45°CA	ALT - X; clay.		09504	57.12 - 53.64	1.52	5	0.2	
				09505	53.64 - 55.17	1.53	5	0.2	
				09506	55.17 - 56.34	1.17	5	0.2	
	@ 57.89 - 17cm ANDS dyke - v. altered (clay)			09507	56.34 - 56.94	0.60	5	0.2	
	@ 58.60 - bleached, v. ALT'd ANDS dyke, or poss RHYL; porphyritic w/ sericitized fsp phenos. Texturally appears closer to ANDS of the area.			09508	56.94 - 58.22	1.28	5	0.2	
				09509	58.22 - 59.74	1.52	5	0.2	
				09510	59.74 - 61.26	1.52	5	0.2	
63.40 - 64.75	RHYL dyke, v. altered, probably a Qz eye feldspar porphyry protolith; lots of phenos with qz replacement	ALT - X v. bleached, but mottled w/ brown and v. pale yellowish colour.	Py absent	09511	61.26 - 62.18	0.92	5	0.2	
				09512	62.18 - 63.40	1.22	5	0.2	
			LC @ 64.75 fractured.	09513	63.40 - 64.75	1.35	5		
64.75 - 68.31	QZMZ.	ALT - S/X; strongly bleached, still hard, therefore less clay; ser rich + epi. Probably silicification.							
68.31 - 70.25	RHYL; same as 63.40-64.75 Flow banded + spherulitic. (ROFP)	ALT - X							
70.25 - 73.00	QZMZ; as 64.75-68.31	ALT S/X	@ 72.27 LK sheer stringers (?)						

Hole No.: G603-2

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
73.04 - 79.16	RHYL dyke, (RQFP), 10% qz eyes general pale green (with exceptions noted below)	ALT - S/X.	UC fault?, ~ 85°CA.						
	73.04 - 77.02 Pale green RQFP.								
	77.02 - 78.03 Pale red/pink RQFP; upper/lower boundaries of colour quite distinct.								
	78.03 - 79.16 Green RQFP, extremely alt'd w/ sericite; v. soft, clay content is v. high.		LC sheared ~ 30°CA, sharp + distinct						
79.16 - 171.67	QZMZ,	ALT - S; seri + clay common; v. minor mafics	Minor py < 1%						
	80.07 - 80.22 Narrow green RQFP, highly sericitized/alt'd								
		84.26 → ALT - M.	@ 81.38, felsic phase w/ abund seri assoc in narrow veins (green) Felsic QZMZ (pink) w/ py nodes						
		87.48 → ALT - W.	@ 85.54 07-CD vn w. py + wallrock ~ 5% as vn py up to 20cm into QZMZ	09514	85.34 - 85.94	0.60	5		
		90.97 → magnetic appears w/ decrease in ALT'n							
	Major textural alteration zone from 28.32 to 91.64m (63.32m)	91.64 → essentially fresh QZMZ v magnetic; pink + dk green, hard + competent; minor chl alt'n of mafics							
			98.45 - 98.53 shear, strong seri alt'n w/ qz vn + cb.; gouge. 50m/c.a. CA						
		105.30 → incr ALT to W/M. propylitic.							
	108.13 - 108.74 ANDS dyke; ALT - W dk grey green; v. broken core.	105.90 - 113.24 ALT - M w/ local zones of strong seri/clay alt'n		09515	105.90 - 106.83	0.93	10		
				09516	106.83 - 108.13	1.30	5		
				09517	108.13 - 108.74	0.61	5		
		109.40 - 110.15 qz vning and qz flooding in core		09518	108.74 - 110.49	1.75	5		
		110.15 - 110.49 ALT - S, shear? localized, wdy.							

CME

Hole No.: GX03-2

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	(QZMP, cont'd)	113.15 ⇒ ALT W/N weak to moderately propylitic		09519	110.49 - 112.00	1.51	10		
		QZMP, increasingly pinkish, w/ incr. grade of propylitization	120.96 - 121.10; shear zone w/ mass; wht qz-sx vn in core. Vn is 2cm @ 85°CA, w/ minor py. Most py is in wallrock & vein margins up to 10-15%; v. finely disseminated.	09520	119.96 - 120.96	1.00	5		
				09521	120.96 - 121.10	0.14	70		
	127.00 - 128.15 ANDS dyke; med green completely internally fractured w/ hairline cb-qz veins, trace qz-cb veins, ANDS becomes v. dark halo @ 128; dk grey Sx? in fx & f/stained LC			09522	121.10 - 122.10	1.00	55		
				09523	127.00 - 128.15	1.15	5		
	@129.40 a. 131.61 Red/pink v. fn grained FLDK, sheared & discontinuous		137.80 - 138.05 fractured zone w/ grey chalcedony vn & rx composite w/ qz vn w/ ~ 5% finely disseminated py; 11m/60°CA	09524	136.84 - 138.14	1.30	15		
		138.14 - 139.15 ALT - M; green ser. alt'n of QZMP w/ 3-5% py		09525	138.14 - 139.15	1.01	25		
				09526	139.15 - 140.51	1.36	15		
		142.147; variable ALT from W - S; clayey w/ mod prop.	@157.50 clayey, gouge seam 50°CA.						
			@153.80 qz cb vnlet & blue-grey chalcedony vnlt w/in ser. alt'd QZMP						
		157.28 - 158.55 ALT - Y, clay wise alteration halo around vuggy decomposed, qz-chalcedony vn ~ 4cm/ 70°CA		09527	157.28 - 158.54	1.27	10		
				09528	158.54 - 160.10	1.56	15		
		158.55 - 161.91 ALT - S; clay - ser. alt'n, minor qz-cb vning py ~ 1%		09529	160.10 - 161.91	1.81	5		
		ALT - S ⇒ continues. strong green ser; clay back sets on QZMP.							

CME

Hole No.: GG08-2

Scale	From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
		(QZMZ, cont'd)	169.70 - 170.65 strong propylitic ALT - M		09530	169.69 - 170.65	0.96	60		
			170.65 - 171.67 ALT - S	171.05 - 171.67 pyritic QZMZ, fine grained dissem, makes core appear dkar 5%	09531	170.65 - 171.67	1.02	5		
	171.67 - 173.02	ANDS dyke; upper contact faulted w/ offset, v. pyritic	ALT - S/M. v. bleached, Upper zone strong alteration, v. frac'd w/ qz veining	Py dissem 5%, discrete patchy blebs	09532	171.67 - 173.02	1.35	25		
				@172.08 FLT, ALT-X, clay, v. Silica rich						
				@172.19 QTVN, mass wht 1cm/50°CA no Sx in VN, but py along selv.						
	173.02 - 174.49	QZMZ, finer grained than typical QZMZ, less mafics	ALT - M.	LC, intrusive 55°CA. Rare py.	09533	173.02 - 174.49	1.47	15		
		@174.42 ANDS dyke. 3cm/40°CA. pyritic								
	174.49 - 175.94	ANDS, porphyritic, mod qz ± stockwk vns.	ALT - M/S, bleached & planes sericitized	Rare py <<1%.	09534	174.49 - 175.94	1.43	5		
	175.94 - 181.31	QZMZ, as @ 173.02 - 174.49	ALT - M/S increased seri. of fsp; v. pale green to pinkish, v. faulty no mafics left.	UC shears w/ abundant qz-cb veins, ~50°CA.	09535	175.94 - 177.50	1.56	5		
				@ 175.99 small shD occurrence, discrete.	09536	177.50 - 179.00	1.50	5		
				Through interval py spotty, but present <1% to 2% v. locally, (<10cm zones)	09537	179.00 - 180.50	1.50	5		
		176.44 - 176.64 ANDS dyke, bleached. 2-3% py.	ALT-S around ANDS intrusives		09538	180.50 - 181.31	1.50	5		
		@177.37 narrow ANDS stringer								
				181.00 - 181.31 Bx QZMZ, in lava w/ UC contact w/ ANDS. Minor py	09539	181.31 - 182.20	0.89	5		
	181.31 - 182.20	ANDS, porphyritic	ALT - S bleached, Sericitized.	UC ~ 5-10°CA, bx'd, shattered						
				LC w/ fault offset/gouge.						

CME

Hole No.: GG03-2

Scale	From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	182.20 – 183.23	ROFP, brecciated margins, highly sheared internally, flow banded and spherulitic 187.76 – 183.23 Low angle contact of ANDS below; br'd up RHYL frags in dk green seric matrix	ALT – X; bright green sericite alt'n; esp along flow bands	UC, fault offset against ANDS; ROFP is clay altered, v. friable Flow banding ~30°CA. Py ~1%, ~2% in br'd margin (lower contact)	09540	182.20 – 183.56	1.36	5		
	183.23 – 183.56	ANDS, porphyritic	ALT – S.	UC – 30°CA LC – 40°CA, sheared						
	183.56 – 185.22	ROFP, flow banded, spherulitic, wkly sheared	ALT – S, v. white, locally pinkish brown clay/seri alt'n	Flow bands quite faint, v. low angle to CA; 10°. @185.22 LC sharp against QZMZ	09541	183.56 – 185.22	1.66	5		
	185.22 – 191.33	QZMZ, as previous, finer grained than typical, v. friable, no mafics left. wk shearing, localized along free planes	185.22 – 187.33 ALT – M (propylitic) 187.33 → ALT – S sericite	Very rare, localized py <<1% @188.36 grain of stib. v small.	09542 09543 09544 09545	185.22 – 186.80 186.80 – 188.30 188.30 – 189.80 189.80 – 191.33	1.58 1.50 1.50 1.53	5 5 10 10		
	191.33 – 193.82	ROFP, v. pale greenish brown to white qz eyes phenos ~3%; v. fn grained matrix. Flow banded.	ALT – M/S, faintly soft w/ clay alt'n on fract.	upper and lower contact angles v low to CA, 5–100 each Flow bands 15–20°CA @LC 40°CA	09546 09547	191.33 – 192.58 192.58 – 193.82	1.25 1.24	5 5		
	193.82 – 200.65	QZMZ, sheared	ALT – S.; sericite, minor clay on free shrs	Rare diss py <<1% 196.32 – 196.58 QZ-SX VN; gnrd ser ± chl ± stib mineralization diffuse in VN and selv.s; py locally; may also be v. fine grained VN is disrupted, sheared and brecciated	09548 09551 09552 09553 09554	193.82 – 195.06 195.00 – 196.64 196.64 – 198.14 198.14 – 199.32 199.32 – 200.65	1.24 1.58 1.50 1.18 1.33	20 60 5 5 5		

CME

Hole No.: G703-2

Scale	From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	200.65 - 201.48	ANDS, porphyritic, mod qz-cb fracture gash infill stkwk;	ALT - M/S, green sericitic alt'd fsp phenos.	Rare - py. Upper/lower contacts 70-25°CA	09555	200.65 - 202.02	1.37	5		
	201.48 - 202.02	QZMZ, sheared.	ALT - S.							
	202.02 - 202.97	ANDS or poss RHYL.; not porphyritic @ upper section (202.02 - 202.48)	ALT - S/X		09556	202.02 - 202.97	0.95	5		
				202.48 - 202.68 BX, ~40°CA, looks like QZMZ protol.?, v. sericitized; qz-fsp frags with narrow green seri stringer.						
		202.68 - 202.97 Typical alt'd porphyritic ANDS.								
				@ LC, sheared/discordant (<1cm) contact w/ 202.97.						
	202.97 - 211.15	RHYL; various phases of RHYL dyke through zone; Flow banded/spherulitic, massive qz-fsp porphyry, v green sericitized; to weakly altered	ALT - M, variable. seri + clay common	V.V. rare py.	09557	202.97 - 203.97	1.00	5		
					09558	203.97 - 205.59	1.62	5		
					09559	205.59 - 206.89	1.30	5		
		202.97 - 203.97 spherulitic, mottled	ALT - S		09560	206.89 - 208.03	1.14	5		
		203.97 - 206.84 spherulitic; general tan to buff, increasingly brown red toward end.	ALT - S		09561	208.03 - 209.46	1.43	5		
					09562	209.46 - 211.15	1.69	20		
		206.84 - 208.03 . green, sericitized; soft + clayey @ upper edge.	ALT X/S.							
		208.03 - 209.46 - brown/white mottled/flow banded crumbly down CA.; silica rich	ALT - M							
		209.46 - 211.15 - green sericitized, strong flow-banding, soft, clay alt'd; flow bands ~40°CA.	ALT - Y							
				LC strong shearing 65°CA						
	211.15 - 212.12	QZMZ, pinkish;	ALT - S; seri. mod-strong qz-cb stkwk		09563	211.15 - 212.12	0.97	5		
	212.12 - 213.05	ANDS, porphyritic - unit bounded on both contacts by QZ-SX VNS + BX		UC (vn contact) 25°CA @212.20 QZ-SX VN. ~4cm/25°CA sheared and disrupted; up to 15% fsp py in seams parallel to vn; also rare asspy as stgb	09564	212.12 - 213.05	0.93	325		
				213.95 - 213.05 QZ-SX VNS / BX (contact) py ~5%, + fn pyrite						

CME

Hole No.: G403-2

Scale	From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	213.05 – 214.16	QZMZ, extremely sheared; v. little texture visible.	ALT-X; ser/clay	V. minor py <1%.	09565	213.05 – 214.16	1.11	5		
	214.16 – 228.70	RHYL; variable; ROFP, flow banded to massive; green to tan to buff	ALT-M/S. variable.							
		214.16 – 216.07 green ser-rich.	ALT-S							
		216.07 – 219.80 mottled buff to reddish brown, flow banding, minor bx'n, but mighty fract'd.	ALT-M/S							
		219.80 – 224.86 Qz-fsp porphyry. Low matrix, massive	ALT-M							
		224.86 – 228.70 mottled, grey green, grades into flow-banded, clearly spherulitic	ALT-S							
	228.70 – 230.57	QZMZ, sheared altd; pinkish.	ALT-S; ser-rich, clay on frac sfcs - poss Kspar altn	Upper contact to 228.70 is faulted – broken core V. virtually barren of py						
	230.57 – 234.42	RHYL, ROFP.	ALT-S, abund ser/clay v minor cb altn Rare rem altn	UC ~ 85°CA Internally highly fract'd but still remnant texture; healed w/ v. fine grained Qz (chalcedony?) locally bx'd.						
		230.57 – 231.68 Green ser-rich, flow banded								
		231.68 – 233.50 Brownish white, abund hematite fracs, generally oriented along core axis.								
		233.50 – 234.42 Green flow-banded, sheared			09566	233.50 – 234.42	0.92	5		
	234.42 – 234.90	QZMZ, sheared, v. pink.	ALT-S	LC 70°CA.	09567	234.42 – 234.90	0.48	5		
	234.90 – 238.15	RHYL/ROFP, sheared to brecciated Unit is completely fractured w/ infill by fine-grained light grey Qz (chalcedony?) most fracs <1mm, with major one 1-2mm or more primarily down CA.	ALT-S/X. Contact is bright green, complete sericitization	UC ~ 40°CA Py extremely rare to absent	09568	234.90 – 236.60	1.70	6.5		
					09569	236.60 – 238.15	1.55	20		
				LC, v. soft breccia along low angle shear plane; green/red/brown, rubble, 20°CA.						

CME

Hole No.: GX03-2

Scale	From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au ppb	Ag	Other
	238.15 - 239.57	QZMZ; (mostly); competent	ALT-S; seri dominant.	Upper and lower contacts v. sheared against ROFP, ~ 20-30cm from contact (both), fine-grained amorphous grey green material intermixed w/ QZMZ. - poss RHYL matrix	09570	238.15 - 239.57	1.42	0.15		
	239.57 - 241.48	ROFP; sheared, completely all'd	ALT-X, green, sericitized ancstrix, trp phenos clay altered; abund clay on fracs. Some yellow-brown alt'n - probable K-metas	Long low angle to CA fracs in rock. Py absent.	09571	239.57 - 241.48	1.91	10		
	241.48 - 245.77	QZMZ; competent; wk internal shearing most @ contacts.	ALT-S; seri	V. rare to absent py.	09572	241.48 - 243.00	1.52	20		
				~244 - 245.77 core becomes much darker - due to increased mafics, possibly some SX content, but not visible w/ hand lens	09573	243.00 - 244.50	1.50	5		
					09574	244.50 - 245.77	1.27	10		
	245.77 - 265.22	RHYL, flow banded + spherulitic to massive homogeneous tan/buff colour to feldspar porphyry	ALT-M; wk seri; wk clay; quite hard; may be silicified	Py absent. Flow banding near contact ~30°CA	09575	245.77 - 247.19	1.42	5		
		~247.20 become massive homogeneous RFP, v. hard and silicified; reddish brown to tan; 7cms of possible small grey qz eyes;	Reddish-brown core and pale frp - K-spar alt'n (?)	@UC; green, v. all'd shear plane in RHYL - complete serictization. Contact is 20°CA.						
		260.2 → reverts to buff/tan flow-banded RHYL (RFP) w/ a few qz eyes, but rare. Flow banding more intense near LC		@258.45 small fault, broken core.						
				@263.81 br. narrow. Flow banding ~ 35°CA.						
				@LC contact 30°CA						

CME

Hole No.: CK03-2

Scale	From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
	265.22 – 277.63	QZMZ ; pink, competent. @ 266.10 FLDK, poss ALT ; 1.5cm/15°CA v. pink & fine grained ; surrounded by green argillic alt'n	ALT - M/S ; strong sericitization of fsp, also K-spar alt'n of QZMZ giving pink colour 274.10 – 277.00 ALT-S, seri ; increased py content = 1-2%, finely disseminated, occasionally in sr stringers	265.22 – 266.17 , sheared ; wk poss SX (silvery - ser? - may be mica flecks - difficult to distinguish) @ 274.90 dk QZMZ, due to some SX + clay ; sheared @ 276.0 felsic xenos ?, rounded @ 274.95 shear plane: 15-25°CA, brit.	09576 09577 09578 09579 09580 09581 09582 09583	265.22 – 266.17 266.17 – 267.70 267.70 – 269.20 269.20 – 270.70 270.70 – 272.20 272.20 – 274.10 274.10 – 275.80 275.80 – 277.63	0.95 1.53 1.50 1.50 1.50 1.90 1.70 1.83	15 10 5 5 30 5 35 35		
	277.63 – 286.30	ANDS dyke, porphyritic (fsp phenos, poss hbl (chl) phenos) ; wk qz-cb stockwork (tension gashes) ; gen'l homogenous ; green-grey 281.93 – 282.24 K-spar alt'd QZMZ xeno ? sheared contacts 75°CA. 283.47 K-spar alt'd QZMZ, 2cm/20°CA.	ALT-W ; weak chl, minor hem ; concentrated on fracs & in qz-cb veins.	Py v. rare << 1%, dissem cubic	09584 09585 09586 09587 09588 09589 09590	277.63 – 279.30 279.30 – 281.00 281.00 – 281.93 281.93 – 282.24 282.24 – 283.74 283.74 – 285.29 285.29 – 286.30	1.67 1.70 0.93 0.31 1.50 1.55 1.01	20 10 5 5 5 5 10		
	286.30 – 311.92	QZMZ, sheared 286.30 – 286.60 v. fn grained, sheared QZMZ, original texture obscured, no mafics 286.60 – 287.33 QZMZ texture visible but still sheared, highly alt'd 287.33 – v. sheared QZMZ ; locally qz-flooded, generally incr py concentrations in areas of high strain, v. finely dissem shear planes generally oriented v low angle to CA ; but many other orientations as well.	ALT-S ; seri, bleached. locally X. ALT-X ALT-X 287.33 ⇒ ALT-S.	Py 1-3%, cubic + v finely dissem clusters and stringers 287.33 – 288.83 incr qz veining (flooding) w/ py assoc ; 2-3%. 295.80 – 296.10 shears down CA, dk grey green fine grained seri / felsic 296.42 – 297.70 area of incr. silica + qz veining w/ incr py ~ 3-5%.	09591 09592 09593 09594 09595 09596 09597 09598	286.30 – 287.33 287.33 – 288.83 288.83 – 290.33 290.33 – 291.83 291.83 – 293.30 293.30 – 294.80 294.80 – 296.30 296.30 – 297.80	1.03 1.50 1.50 1.50 1.47 1.50 1.50 1.50	25 795 35 25 15 10 20 495		

CME

Hole No.: GG03-2

Scale	From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au ppb	Ag	Other
		(QFMZ, cont'd)		@ 297.09 poss asphy (?). v fn grained greenish-yellow alt'n mineral nearby. (As-ox?)	09601	297.80 - 299.30	1.50	10		
					09602	299.30 - 300.80	1.50	10		
				@ 297.57 sheared qz vn ~3cm/25°CA ok banded sericite	09603	300.80 - 307.30	1.50	15		
					09604	307.30 - 308.80	1.50	10		
		298.64 - 299.19 fine grained felsic phase (?) of QFMZ; v. pale & bleached. ALT-X		@ 297.97 shear/DX zone 3cm/25°CA	09605	308.80 - 305.30	1.50	10		
					09606	305.30 - 306.80	1.50	20		
				@ 301.43 sheared, narrow qtvn (?) blue grey qz frags, qty ~5%	09607	306.80 - 308.30	1.50	10		
					09608	308.30 - 309.80	1.50	5		
				@ 305.88 sheared qz vn; 2cm/45°CA	09609	309.80 - 310.90	1.10	165		
			307.54 - 308.14 ALT-X.	@ 307.02 sheared qz vn 2cm/35°CA. v. fn oilsh qz in wallrock / sericite. Angle xcng below	09610	310.90 - 311.92	1.02	5		
	311.92 - 322.17	RQFP, sheared, (internal brecciation fragments); green-grey fn colour.	ALT-S.	UC intrusive, low angle to core axis, crackle-brecciating from 311.92 - 312.18	09611	311.92 - 313.40	1.48	5		
		320.67 - 321.51 Intermingled RHYL/QFMZ, contact irregular, orientation down core axis; QFMZ is ALT-S, brecciated		@ 312.32 QFMZ xcng w/ py.	09612	313.40 - 314.90	1.50	5		
				313.28 - 313.58 FAULT, broken core, clasts @ low angle to CA. Minor stringy py seams.	09613	314.90 - 316.40	1.50	10		
		321.51 - 322.17 RHYL only			09614	316.40 - 317.90	1.50	5		
					09615	317.90 - 319.40	1.50	5		
	322.17 - 324.60	QFMZ, sheared	ALT-X, seri/clay alt'n, v. sheared w/ qz stringers	Highly fract'd core due to shearing	09616	319.40 - 320.67	1.27	5		
					09617	320.67 - 321.26	0.59	25		
					09618	321.26 - 322.10	0.84	15		
		322.97 - 324.60 v sheared QFMZ w/ foliation fabric developed and several parallel qz vns			09619	322.10 - 323.73	1.63	5	0.3	
				@ 323.94 qz-sx (py±cpy) vning, v sheared, 1cm/50°CA with apparent leakage into wallrock	09620	323.73 - 324.92	1.19	20	0.5	
				@ 324.50 qz vn 2cm/50°CA, dk overlie fracture plane at vein margin						
	324.60 - 325.82	RHYL; pale green, siliceous, locally silicified/qz flooded	ALT-X	UC, v strong cataclasis, fracture 35-40° w/ v fn oilsh qz, Minor side wallslip (or grey blue gouge)	09621	324.92 - 326.18	1.26	50	0.2	

CME

Hole No.: GG03-2

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au ppb	Ag	Other
325.82 - 326.18	OZMZ, sheared	ALT - X, clay rich	325.82 - 327.45 FLT-Z; broken or v. frac'd core; crosses lith boundary.						
326.18 - 327.45	RHYL; v. frac'd, alt'd & sheared	ALT - X	1-2% disem py, pass rare QFP veins w/ py.	09622	326.18 - 327.33		290	0.4	Au
				09623	327.33 - 327.96		>1000	1.8	2.43g/t
327.45 - 328.27	MYLT; probable OZMZ original lith; v strong mylonite shear contact	ALT - X, clay, v. soft.	327.45 - 327.60 MYLT w/ qz-sx vn frags	09624	327.96 - 328.73		5	0.2	
			@327.90 MYLT w/ qz augen / frags.						
			@328.10 qz-sx vn frags entrained in shear fabric; mostly py assoc w/ vn frags.					Check	Max interval
328.27 - 328.73	ANDS, porphyritic; fine grained	ALT - X; silicified & bleached	@328.27 contact is ductile cataclastic shear.						
			ANDS w/ 1-2% disem py						
328.73 - 329.19	MYLT zone; fabric @ 20-40° CA; dk matrix of sericite(?) and qx; ore lenses (3cm) entrained qz-sx vn frag	ALT - X	Py up to 10%; moderate QFP <1%.	09625	328.73 - 329.19	0.46	>1000	0.8	Au 1.49g/t
329.19 - 332.14	OZMZ, sheared	ALT - X		09626	329.19 - 330.79	1.60	5	0.2	
		Near LC; core looks fresh and is magnetic		09627	330.79 - 332.14	1.35	20	0.2	
332.14 - 333.63	ANDS (?), porphyritic, v fresh, v. dk. grey to almost black, extremely magnetic; v. hard due to silicification.		Py v. rare <<1%	09628	332.14 - 333.63	1.49	10	0.2	
	- Very unusual unit in shear zone due to freshness & magnetism. Boundary OZMZ is also somewhat fresher w/ magnetic response.								
333.63 - 343.62	OZMZ, sheared, pale green. Local ANDS zones or sheared frags	ALT - S; locally M & X; M near LC.	Py ~ 1%.	09629	333.63 - 335.10	1.47	25	0.2	
				09630	335.10 - 336.60	1.50	15	0.2	
		337.78 - 343.62 - ALT X		09631	336.60 - 338.10	1.50	15	0.2	
	338.99 - 339.42 ANDS frag, bleached			09632	338.10 - 339.60	1.50	5	0.2	
		340.54 - qz flooding, V. spty alt'd	@340.06 qz-sx vn, wk, barren, follows core axis	09633	339.60 - 341.10	1.50	295	0.2	
				09634	341.10 - 342.60	1.50	5	0.2	
				09635	342.60 - 343.62	1.02	20	0.2	

CME

Hole No.: GG03-2

From – To (m)	Lithology	Alteration	Mineralization/Sulphides/ Structure	Sample No.	Interval	Length	Au	Ag	Other
343.62 - 344.79	ANDS; sheared; mod-int qz ab stkwk	ALT- K/S., v. bleached Seiy alt'n of pieces.	Py 2-3%.	09636	343.62 - 344.79	1.17	30	0.4	
344.79 - 348.54	QZMZ, sheared	ALT - S., seri alt'n	Rare py <<1%.	09637	344.79 - 346.30	1.17	50	0.2	
				09638	346.30 - 347.80	1.51	25	0.2	
348.54 - 349.00	ANDS, sheared, as previous qz-ab stkwk, mod intensity.			09639	347.80 - 349.30	1.50	30	0.2	
349.00 - 350.77	QZMZ, sheared	ALT S/K.							
		350.45 - 350.10, dk QZMZ, med grained; ~~---~~ homogen Seiy; qz flooding w/ mod SX.	] Py ~ 1-2% v. fr grained	09640	349.30 - 350.38	1.08	10	0.2	
				09641	350.38 - 351.34	0.96	80	0.2	
				09642	351.34 - 352.77	1.43	60	0.2	Aw
350.77 - 356.10	MYLT/SHEAR ZONE (n. v strong mylonitic fabric developed. w/ qz augen, rolled mixed frags in dk green-grey matrix w/ seri + py fragm up to 2cm, QZMZ + ANDS, some QZ VN frags w/ SX	ALT-X	Py 2-5%, disp ~1% (vn-hb)	09643	352.77 - 354.15	1.38	>1000	1.5	2.01 g/t
			@ 354.90; 1 x 1.5cm patch of v fine disp aggregate.	09644	354.15 - 355.33	1.18	>1000	2.5	2.06 g/t
				09645	355.33 - 356.10	0.77	590	730	
356.10 - 364.54	QZMZ., sheared	ALT - K; seri, clay qz flooding,	Minor disem py ≤ 1%, conc in areas of qz. may be 2-3% but v. fn grained	09646	356.10 - 357.60	1.5	385	5.3	
				09647	357.60 - 359.10	1.5	635	1.2	
			@ 364.08 qz frag? w/ dk grey patch along margin, v fine acic disp.	09648	359.10 - 360.60	1.5	140	0.2	
				09751	360.60 - 362.10	1.5	270		
				09752	362.10 - 363.60	1.5	>1000		2.47 g/t
				09753	363.60 - 365.10	1.5	55		
			@ 365.46 qz-vnlet zone of 30% SX, previously py + spk ! disp. (~3cm wide), @ contact w/ med green sheared ANDS xeno? w/ ~ 50% disem py (up to 10%)	09754	365.10 - 366.60	1.5	140		
				09755	366.60 - 366.10	1.5	170		
			@ 367.65 1 cm py zone, + 10% other 4cm, discontinuous.						
			368.12 - 368.30 SX w/ QZMZ + ANDS + QZ IN frags, angular frags.						
			QZ IN frags w/ SX; matrix is green w/ minor disem py. (1%)						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	Generally qz flooded w/ narrow veinlets (intrusive) but loci of py mineralization in QFM2 (diffuse)		373.25-373.55 ductile shear zone 40°CA; minor frags entrained	09756	368.10 - 369.60	1.50	225		
	374.19 - 374.37 small zone of ALT-W QFM2, alter w/ magnetite		@372.91 qz vn, sheared, wk bwicm	09757	369.60 - 371.10	1.50	590		
				09758	371.10 - 372.60	1.50	385		
				09759	372.60 - 374.10	1.50	75		
				09760	374.10 - 375.60	1.50	5		
				09761	375.60 - 377.00	1.40	5		
378.00 - 380.87	ANDS; porphyritic, qz cb stwk mod-strong	ALT-S, seri/clay, bleached	Py <1% diss	09762	377.00 - 378.00	1.00	10		
	379.78 - 380.11 QFM2 xeno.			09763	378.00 - 379.00	1.00	10		
				09764	379.00 - 380.11	1.11	30		
380.87 - 383.73	QFM2, sheared	ALT - S/X, bleached, clay + seri.	Py ~ 1-2%.	09765	380.11 - 380.87	0.76	5		
				09766	380.87 - 382.46	1.59	5		
				09767	382.46 - 383.73	1.27	5		
	@382.98 wedge of ANDS 7cm/25°CA								
	@383.87 ANDS frags sheared into QFM2		@383.36 narrow 5mm qz vn, barren, some diseem py cubes in wall rock						
383.73 - 385.58	ANDS typical sheared porphyritic, unit w/ qz cb stwk	ALT - S/X	Py ~1%	09768	383.73 - 385.58	1.85	5		
385.58 - 428.85	QFM2, sheared	ALT - X; though variable	Py sporadically diseem; overall <1%	09769	385.58 - 386.58	1.00	45		
				09770	386.58 - 387.56	0.98	55		
	386.99 - 387.14 qz-tourm vein/pods of QFM2			09771	387.56 - 387.90	0.34	20		
	387.56 - 387.90 ANDS; mineralized w/ approx 5-10% finely diseem py - may be a precursor to other high-grade mineralized ANDS dykes elsewhere in the main Goldcorp deposit (ALT-X)		387.56 - 387.90 5-10% py in ANDS.	09772	387.90 - 389.16	1.26	115		
				09773	389.16 - 390.73	1.57	25		
				09774	390.73 - 392.23	1.50	985		
			387.90 - 389.16 strong shearing, mylonitic fabric developed. ALT-X, sericite clay alt'n; minor py (<1%) "foliation" fabric @ 45°CA.						
		389.16 - 391.50 ALT-S; QFM2 texture more evident.	@391 qz vn 5mm/30°CA, py in w/r. @391.16 qz veins w/ 5% py diseem in immediate w/r; 40°/55°CA.						

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	(QZMZ, cont'd)	391.70 - 392.60, abon qz va; zone of silica/qz flooded, but appears sugary (sheared?)	@ 391.80 qz va, 2cm/50°CA, sheared w/ 5% 3vg-gray py, may indicate some v. fin grained sulp / arsp, but not visible	09775	392.28 - 394.00	1.72	250		
		392.60 - 398.95 qz rich zone, as above.	@ 391.89 gouge plane.						
	393.12 - 393.48 ANDS dyke, bleached, rare py UC 42°CA, sharp; LC sheared & mixed w/ QZMZ.	393.48 - 396.12 ALT-S; K-spar alt'n		09776	394.00 - 395.50	1.50	20		
				09777	395.50 - 397.00	1.50	35		
				09778	397.00 - 397.92	0.92	210		
	397.00 - 397.73 ANDS, fault c, broken core, trace green seri-alt'n planes in pale olive matrix		@ 397.83 qz-sx va; 2cm/65°CA, only a fragment left as it is faulted; near contact w/ ANDS; wht/blue-grey qz w/ 10% py in va and margins	09779	397.92 - 399.50	1.58	190		
			@ 398.19 shear. 5mm/45°CA; contact/alt'n.						
		399.84 → ALT-S, very seri, less clays; QZMZ texture still evident	399.34 - 399.84 strong shearing w/ qz flooding Main shear plane @ 399.54, 55°CA @ 399.80 qz va (?) fragment w/ py.	09780	399.50 - 401.00	1.50	100		
				09781	401.00 - 402.50	1.50	15		
				09782	402.50 - 404.00	1.50	90		
			402.81 - 402.82 py dissem, 5-7%; strong seri alt'n	09783	404.00 - 405.50	1.50	15		
				09784	405.50 - 407.00	1.50	20		
			403.79 - 404.06 bx? strong seri matrix, v. irreg vlets, more or less along core axis	09785	407.00 - 408.50	1.50	10		
		410 - 410.60; brownish alt'n QZMZ;		09786	408.50 - 410.00	1.50	10		
			~410.75 mineral'n in rubbly material qz va frags w/ 5%, v. fine py.	09787	410.00 - 411.50	1.50	15		
				09788	411.50 - 412.50	1.00	10		
			@ 413.40 qz-sx vnlt; 4mm/35°CA - 10-15% py in vnlt; 3-5% dissem in wallrock.	09789	412.50 - 413.47	0.97	115		
	413.47 - 414.55 ANDS, dyke; v. bleached. wk qz-cb stockwork.	← ALT-X.							
			413.47 - 413.80 v. broken core in ANDS, probable FLT.	09790	413.47 - 414.75	1.28	175		
			Dissem py in ANDS 3-5%, increasing towards fault contact.	09791	414.75 - 416.00	1.25	30		

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	(ANDS, cont'd)		2 LC; gz-sr unit w/ 10-15% pg, fine disem and stringers; 5% py in ANDS.						
			414.55 - 414.75 gouge 02mm, v. soft highly alt'd. w/ gz vn @ 414.70; dk grey clay gouge; + sr (py);	09791	414.75 - 416.00	1.25	30		
			LC ~ 55° CA.	09792	416.00 - 417.46	1.46	30		
		417.46 - 418.63 strong pink K-spar alt'n of 02mm; fine-grained, no relicts, fract w/ green ser., Kfsp appears to have late gz. infill @ several fractures;		09793	417.46 - 418.63	1.17	35		
				09794	418.63 - 420.10	1.47	10		
				09795	420.10 - 421.60	1.50	5		
				09796	421.60 - 423.10	1.50	5		
		K-spar alt'n still in evid to 423.25 though weaker; after 423.25. ANDS is argillic - green ser.,		09797	423.10 - 424.60	1.50	10		
				09798	424.60 - 426.10	1.50	5		
			@ 425.95 gz-cb vn. 1cm/45° CA.	09799	426.10 - 427.60	1.50	30		
		Below gz-cb vn @ 425.95 is K-spar flooding for ~10cm.		09800	427.60 - 428.85	1.25	5		
	427.98 - 428.27 ANDS dyke, porphyritic, w/ 1% hbl angle gz-cb vn; LC w/ unity w/ minor calcite disem py; v. sharp contacts, generally low angle to core axis								
428.85	END OF HOLE								

CME

GG03-2A.

Project name: GG
Project # : CP56D
D.D. Hole #: GG03-2A

Length (m): 71.93
Grid: UTM Zone 8 NAD83
Dip: -56°
Azimuth: 180°
Core size: NQ

Contractor: CARON
Northing: 6673057.232
Easting: 483899.671
Collar Elev.: 1071.026

Hole survey type: (collar only)
Started: 10/22/03
Completed: 10/23/03
Logged by: BCW
Date logged: 10/25/03

Depth	Dip	Azimuth

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
0 - 6.1	CASED								
6.1 - 27.85	FELS ALT-L GY pink Color. Granular matrix of eroded spars. occas K KF. Occas mafic to CL. Py-D & at CL sites and FRC control FRC density - M. HE-D abundant locally.								
27.85 - 39.0	QZMZ PPRY ALT - M. KF & QZ ALT. MS overprints by KF & QZ texture obscured mostly. MG usually present. Fresh to OK QZMZ sparingly. KF pink areas. HE stain areas. FRC density - M. shearing areas. BTM CNT area bleached PY rare. W MS ALT areas	KF M. QZ M	PY-L						
39.0 - 42.7	FELS ALT M. MS-M. FRC density - M QZ filled. many occas where partially	MS-M	PY - 0.5%						

GG03-2A

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
	digested QZMZ ghosted, altered. MG present. → PY throughout - D. Grad stoped CNTs.	MS – H		8203	38.4 – 40.4	2.0			
				8204	40.4 – 42.4	2.0			
42.7 – 44.6	QZMZ ALT – H. incipient FELS where FRC have ENV of converted QZMZ ~~TO~~ FELS, ghosted QZMZ texture & minerals. PY – D throuout	KF – H	PY – D						
			PY 1%	8205	42.4 – 44.6	2.2			
				8206	44.6 – 46.02	1.42			
44.6 – 46.02	FLTZ mixed lithology CY ALT QZMZ – X & FELS ALT – H. MS, CY. MS SHR planes, G, ground RX FRC, CY ALT. PY – D & clusters	CY – X MS KF	PY – 2%.						
46.02 49.27	FELS ALT – H. MS. coarse, sucrosic becoming porphyritic DWN W PF & KF FRC density – M. PY – D 0.5% Arg. llc alt in FRC.	MS – H CY.	PY 0.5%	8207	46.02 – 47.55				
				8208	47.55 – 49.08				
				8209	49.08 – 50.6				
49.27 – 50.3	FELS ALT – H CY, MS CY alt overprint on MS Sheared weak 70 – 75° ca few bands CY ALT M. SB – D irreg distribution – TR FRC density – L.	CY – H. MS	SB – TR						

GG03-24

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
50.3 - 58.96	SHR ALT - X CY after MS FELS w MS ALT, sheared intruded by narrow RHYL DYKS argillic ALT resheared and brecciated. 1 ~~DYKS~~ MS mylonite section, 10 cm, brecciated intruded by RHYL - TR SB PY - N. CB - L. Fresher sections KF ALT abundant HE - D. SB rare - D. ALSO PY D & FRC as 00.	CY - X. CB - L.	SB - TR PY - N - L	8210	50.6 - 51.6	1.0			
				8211	51.6 - 52.6	1.0			
				8212	52.6 - 53.6	1.0			
				8213	53.6 - 54.6	1.0			
				8214	54.6 - 55.6	1.0			
58.96 60.16	MYLN ALT - X DK MS bands 60° ca. Ground FELS, QZ growth, entrained RHYL. PY - L. Argillic ALT overprints MS.	MS - X CY	PY - L	8215	55.6 - 56.6	1.0			
				8216	56.6 - 57.6	2.0			
				8217	57.6 - 59.6	2.0			
60.16 - 66.24	QZMZ ALT - X. CY overprint on MS. CY general and along FRC. Minor RHYL intruding. Abundant HE - D after mafics. KF ALT early? Freq slip planes marked by CY PY - N	CY - X MS	PY - N	8218	59.6 - 61.6	2.0			
				8219	61.6 - 63.6	2.0			
				8220	63.6 - 65.84	2.24			
66.24 - 69.88	SHR Z in QZMZ - ALT X CY ALT overprints MS. shearplanes freq w CY & G FRC & MICRO FRC density - M. Abundant HE - D in fresher RX. Fewer QZ VLT in FRC	CY - X MS		8221	65.84 - 66.9	1.06			
				8222	66.9 - 68.88	1.98			

GG 03-24

From - to m	Lithology	Alteration	Mineralization/ Sulphides/Structure/	Sample No.	Interval m	Length m	Au	Ag	Other
68.58 - 71.56	soft, sheared, friable plastic. Void reported to feel. like drilling thru ice. unlikely.								
71.56 - 71.76	QZMZ ALT - X CY - Y sheared. as prior to F.T.	CY - X.		8223	71.53 - 71.93	0.40			
71.76 - 71.93	QZ MZ ALT - X silica replacement of MS Altered QZMZ incomplete. texture ghosts. MS bands remain PY - N	QZ - X MS - X	PY - N						
	71.93 TD								

APPENDIX VI

DIAMOND DRILLING

c. Recovery, Rock Quality and Magnetic Susceptibility

CME CORE RECOVERY, ROCK QUALITY & MAGNETICS

Hole No.: GG03-1

DRILL INTERVAL			CORE RECOVERY		RQD		MAG
From	To	Length	Measured	% Recovery	Measured	RQD	
4.50	6.25	1.75	1.68	96%	0.56	0.32	0.50
6.25	7.92	1.67	1.46	87%	0.68	0.41	0.20
7.92	8.84	0.92	0.92	100%	1.11	1.21	0.26
8.84	9.45	0.61	0.45	74%	0.26	0.43	0.23
9.45	10.97	1.52	1.52	100%	0.82	0.54	2.66
10.97	12.50	1.53	1.49	97%	1.00	0.65	0.46
12.50	14.02	1.52	1.45	95%	1.37	0.90	3.84
14.02	15.54	1.52	1.49	98%	1.44	0.95	4.35
15.54	17.07	1.53	1.50	98%	1.19	0.78	10.20
17.07	20.12	3.05	2.78	91%	1.90	0.62	14.50
20.12	22.25	2.13	2.00	94%	1.20	0.56	5.77
22.25	24.38	2.13	1.98	93%	1.36	0.64	5.12
24.38	27.43	3.05	3.01	99%	1.84	0.60	1.17
27.43	29.26	1.83	1.82	99%	1.40	0.77	3.61
29.26	32.31	3.05	3.03	99%	2.15	0.70	4.37
32.31	35.36	3.05	2.99	98%	2.55	0.84	6.74
35.36	38.40	3.04	2.87	94%	2.44	0.80	6.06
38.40	41.15	2.75	2.75	100%	1.92	0.70	16.40
41.15	44.19	3.04	3.03	100%	1.15	0.38	5.87
44.19	44.50	0.31	0.21	68%	0.12	0.39	4.66
44.50	47.55	3.05	3.05	100%	2.74	0.90	0.97
47.55	48.16	0.61	0.61	100%	0.61	1.00	0.92
48.16	50.60	2.44	2.44	100%	2.10	0.86	10.60
50.60	53.64	3.04	3.04	100%	1.59	0.52	1.57
53.64	56.69	3.05	3.05	100%	2.52	0.83	2.94
56.69	59.74	3.05	3.04	100%	2.36	0.77	0.54
59.74	62.79	3.05	3.05	100%	2.46	0.81	0.31
62.79	65.84	3.05	3.05	100%	2.13	0.70	0.61
65.84	68.88	3.04	2.64	87%	2.21	0.73	0.55
68.88	70.86	1.98	1.94	98%	0.94	0.47	0.54
70.86	73.76	2.90	2.83	98%	1.42	0.49	2.13
73.76	75.59	1.83	1.54	84%	1.13	0.62	0.60
75.59	78.02	2.43	2.43	100%	1.41	0.58	0.45
78.02	81.07	3.05	2.89	95%	2.27	0.74	0.26
81.07	82.45	1.38	1.38	100%	0.64	0.46	0.83
82.45	83.51	1.06	0.98	92%	0.64	0.60	0.30
83.51	85.34	1.83	1.57	86%	0.71	0.39	0.45
85.34	86.87	1.53	1.53	100%	1.24	0.81	0.25
86.87	89.61	2.74	2.59	95%	1.95	0.71	0.30
89.61	90.52	0.91	0.91	100%	0.44	0.48	0.32
90.52	92.81	2.29	2.26	99%	1.14	0.50	0.36

Mineralized Zone

From (m)	To (m)
392.50	465.44

Checked: _____

CME CORE RECOVERY, ROCK QUALITY & MAGNETICS

Hole No.: GG03-1

DRILL INTERVAL			CORE RECOVERY		RQD		MAG
From	To	Length	Measured	% Recovery	Measured	RQD	
92.81	93.88	1.07	1.07	100%	0.48	0.45	0.34
93.88	96.32	2.44	1.90	78%	1.23	0.50	0.35
96.32	98.75	2.43	2.42	100%	0.72	0.30	0.37
98.75	100.89	2.14	2.14	100%	1.57	0.73	1.24
100.89	101.80	0.91	0.91	100%	0.91	1.00	1.88
101.80	102.41	0.61	0.43	70%	0.10	0.16	0.33
102.41	104.85	2.44	2.15	88%	1.05	0.43	0.27
104.85	105.46	0.61	0.60	98%	0.45	0.74	0.29
105.46	107.59	2.13	1.61	76%	0.57	0.27	0.22
107.59	108.51	0.92	0.90	98%	0.70	0.76	0.18
108.51	111.56	3.05	3.02	99%	2.23	0.73	0.17
111.56	113.08	1.52	1.45	95%	0.26	0.17	0.13
113.08	114.60	1.52	1.52	100%	0.89	0.59	0.16
114.60	117.35	2.75	2.67	97%	1.24	0.45	0.11
117.35	120.40	3.05	3.05	100%	2.01	0.66	0.16
120.40	123.44	3.04	3.03	100%	2.11	0.69	0.28
123.44	126.49	3.05	3.02	99%	2.61	0.86	0.13
126.49	129.69	3.20	3.10	97%	2.20	0.69	0.17
129.69	132.28	2.59	2.43	94%	1.47	0.57	0.27
132.28	133.81	1.53	1.44	94%	0.53	0.35	0.27
133.81	135.33	1.52	1.52	100%	0.39	0.26	0.44
135.33	136.85	1.52	1.32	87%	0.32	0.21	0.26
136.85	138.38	1.53	1.43	93%	0.34	0.22	0.52
138.38	138.99	0.61	0.38	62%	0.00	0.00	0.06
138.99	139.29	0.30	0.21	70%	0.00	0.00	0.06
139.29	139.60	0.31	0.15	48%	0.00	0.00	0.26
139.60	140.05	0.45	0.35	78%	0.00	0.00	0.31
140.05	140.51	0.46	0.20	43%	0.00	0.00	0.19
140.51	141.27	0.76	0.62	82%	0.11	0.14	0.17
141.27	142.03	0.76	0.48	63%	0.00	0.00	0.28
142.03	142.65	0.62	0.45	73%	0.10	0.16	0.39
142.65	145.08	2.43	2.21	91%	2.02	0.83	0.15
145.08	148.13	3.05	3.04	100%	2.89	0.95	0.28
148.13	151.18	3.05	3.05	100%	2.51	0.82	0.22
151.18	154.23	3.05	3.02	99%	2.38	0.78	0.22
154.23	157.28	3.05	3.00	98%	2.30	0.75	0.00
157.28	160.32	3.04	3.04	100%	2.83	0.93	0.11
160.32	163.37	3.05	2.90	95%	1.18	0.39	0.56
163.37	166.42	3.05	2.36	77%	1.41	0.46	0.44
166.42	168.55	2.13	2.13	100%	1.11	0.52	0.44
168.55	171.60	3.05	3.05	100%	2.48	0.81	0.56

Checked: _____

CME CORE RECOVERY, ROCK QUALITY & MAGNETICS

Hole No.: GG03-1

DRILL INTERVAL			CORE RECOVERY		RQD		MAG
From	To	Length	Measured	% Recovery	Measured	RQD	
171.60	174.80	3.20	3.05	95%	2.75	0.86	2.33
174.80	177.85	3.05	3.04	100%	2.75	0.90	0.44
177.85	181.05	3.20	3.04	95%	2.66	0.83	0.22
181.05	184.10	3.05	3.05	100%	2.70	0.89	0.22
184.10	187.14	3.04	3.04	100%	2.87	0.94	0.11
187.14	189.43	2.29	2.29	100%	2.27	0.99	0.11
189.43	190.80	1.37	1.24	91%	1.21	0.88	0.11
190.80	193.24	2.44	2.44	100%	2.30	0.94	0.56
193.24	193.85	0.61	0.49	80%	0.34	0.56	0.01
193.85	195.53	1.68	1.52	90%	0.85	0.51	0.11
195.53	198.12	2.59	2.58	100%	2.26	0.87	0.22
198.12	201.17	3.05	3.02	99%	2.37	0.78	0.11
201.17	204.21	3.04	3.04	100%	2.84	0.93	0.56
204.21	207.26	3.05	3.04	100%	2.75	0.90	0.33
207.26	210.31	3.05	3.05	100%	2.86	0.94	0.22
210.31	211.07	0.76	0.73	96%	0.24	0.32	0.11
211.07	213.97	2.90	2.90	100%	2.20	0.76	0.22
213.97	217.02	3.05	3.05	100%	2.80	0.92	0.11
217.02	220.07	3.05	3.05	100%	3.05	1.00	0.01
220.07	223.11	3.04	3.00	99%	2.49	0.82	0.11
223.11	226.16	3.05	3.02	99%	2.07	0.68	0.33
226.16	229.21	3.05	2.92	96%	2.32	0.76	0.11
229.21	230.43	1.22	1.22	100%	1.19	0.98	0.22
230.43	233.48	3.05	2.99	98%	2.93	0.96	0.22
233.48	236.52	3.04	3.04	100%	2.93	0.96	0.11
236.52	239.57	3.05	3.05	100%	3.00	0.98	0.33
239.57	242.62	3.05	3.04	100%	2.82	0.92	0.11
242.62	245.67	3.05	3.01	99%	2.47	0.81	0.01
245.67	248.72	3.05	3.05	100%	2.76	0.90	0.22
248.72	251.76	3.04	3.04	100%	2.83	0.93	0.01
251.76	254.81	3.05	3.02	99%	2.56	0.84	0.22
254.81	257.86	3.05	3.05	100%	2.88	0.94	0.11
257.86	260.91	3.05	2.96	97%	2.54	0.83	0.11
260.91	263.96	3.05	3.05	100%	2.50	0.82	0.11
263.96	267.00	3.04	3.04	100%	2.39	0.79	0.11
267.00	270.05	3.05	2.90	95%	2.66	0.87	0.11
270.05	273.10	3.05	3.05	100%	2.12	0.70	0.89
273.10	276.15	3.05	3.05	100%	2.60	0.85	0.33
276.15	279.20	3.05	3.05	100%	2.03	0.67	0.33
279.20	282.24	3.04	2.96	97%	1.40	0.46	0.33
282.24	284.07	1.83	1.83	100%	1.46	0.80	0.78

Checked: _____

CME CORE RECOVERY, ROCK QUALITY & MAGNETICS

Hole No.: GG03-1

DRILL INTERVAL			CORE RECOVERY		RQD		MAG
From	To	Length	Measured	% Recovery	Measured	RQD	
284.07	286.51	2.44	2.06	84%	0.80	0.33	0.33
286.51	288.03	1.52	1.45	95%	0.32	0.21	0.56
288.03	291.08	3.05	2.95	97%	0.63	0.21	0.22
291.08	294.13	3.05	3.05	100%	1.44	0.47	0.44
294.13	297.18	3.05	3.05	100%	1.16	0.38	0.22
297.18	300.23	3.05	2.99	98%	1.18	0.39	0.56
300.23	303.43	3.20	3.00	94%	0.97	0.30	0.56
303.43	306.48	3.05	2.75	90%	0.99	0.32	1.00
306.48	309.37	2.89	2.89	100%	0.87	0.30	0.56
309.37	312.57	3.20	3.04	95%	0.33	0.10	1.22
312.57	314.71	2.14	1.62	76%	0.00	0.00	1.11
314.71	316.69	1.98	1.98	100%	0.65	0.33	0.33
316.69	318.21	1.52	1.52	100%	0.22	0.14	0.22
318.21	321.26	3.05	3.05	100%	2.01	0.66	0.89
321.26	324.31	3.05	2.97	97%	2.14	0.70	3.56
324.31	325.83	1.52	1.42	93%	0.98	0.64	0.11
325.83	326.44	0.61	0.61	100%	0.39	0.64	0.11
326.44	327.96	1.52	1.52	100%	0.81	0.53	0.11
327.96	331.01	3.05	3.05	100%	2.78	0.91	0.11
331.01	334.06	3.05	3.05	100%	2.61	0.86	0.22
334.06	337.01	2.95	2.95	100%	2.79	0.95	0.11
337.01	340.16	3.15	2.84	90%	1.53	0.49	0.01
340.16	343.20	3.04	3.04	100%	2.76	0.91	0.11
343.20	346.52	3.32	3.02	91%	1.63	0.49	1.56
346.52	349.03	2.51	2.51	100%	2.83	1.13	0.89
349.03	352.35	3.32	3.05	92%	2.81	0.85	0.11
352.35	354.64	2.29	2.28	100%	2.10	0.92	0.11
354.64	357.68	3.04	3.04	100%	2.24	0.74	0.56
357.68	360.63	2.95	2.95	100%	2.21	0.75	0.11
360.63	363.78	3.15	3.05	97%	2.77	0.88	0.78
363.78	366.83	3.05	3.05	100%	2.66	0.87	0.11
366.83	369.88	3.05	3.05	100%	1.85	0.61	0.22
369.88	372.92	3.04	3.04	100%	2.21	0.73	0.11
372.92	373.68	0.76	0.70	92%	0.44	0.58	0.67
373.68	376.73	3.05	3.05	100%	0.36	0.12	0.11
376.73	379.78	3.05	3.05	100%	1.86	0.61	0.22
379.78	382.83	3.05	3.05	100%	1.98	0.65	0.11
382.83	385.88	3.05	3.04	100%	2.23	0.73	0.22
385.88	388.92	3.04	3.03	100%	2.35	0.77	0.11
388.92	391.97	3.05	2.87	94%	2.45	0.80	0.44
391.97	395.02	3.05	3.05	100%	2.42	0.79	0.11

Checked: _____

CME CORE RECOVERY, ROCK QUALITY & MAGNETICS

Hole No.: GG03-1

DRILL INTERVAL			CORE RECOVERY		RQD		MAG
From	To	Length	Measured	% Recovery	Measured	RQD	
395.02	396.85	1.83	1.83	100%	0.10	0.05	0.11
396.85	398.07	1.22	1.22	100%	1.13	0.93	0.11
398.07	401.12	3.05	3.05	100%	2.34	0.77	0.11
401.12	404.16	3.04	3.04	100%	2.28	0.75	0.11
404.16	407.21	3.05	3.05	100%	2.14	0.70	0.11
407.21	410.26	3.05	3.05	100%	2.51	0.82	0.11
410.26	413.31	3.05	2.98	98%	2.10	0.69	0.11
413.31	416.36	3.05	3.05	100%	2.83	0.93	0.01
416.36	417.58	1.22	1.02	84%	0.73	0.60	0.01
417.58	420.62	3.04	3.04	100%	1.60	0.53	0.11
420.62	422.00	1.38	1.24	90%	0.82	0.59	0.22
422.00	422.15	0.15	0.02	10%	0.24	1.60	0.33
422.15	425.20	3.05	3.05	100%	1.73	0.57	0.11
425.20	428.24	3.04	3.04	100%	2.20	0.72	0.11
428.24	431.29	3.05	2.99	98%	2.52	0.83	0.11
431.29	434.49	3.20	3.20	100%	2.88	0.90	0.11
434.49	437.54	3.05	3.03	99%	2.94	0.96	0.11
437.54	440.59	3.05	3.05	100%	2.54	0.83	0.22
440.59	443.64	3.05	3.05	100%	2.40	0.79	0.11
443.64	446.84	3.20	3.20	100%	2.39	0.75	0.11
446.84	449.88	3.04	2.98	98%	2.65	0.87	0.11
449.88	452.93	3.05	2.84	93%	2.71	0.89	0.01
452.93	455.89	2.96	2.96	100%	2.66	0.90	0.11
455.89	459.03	3.14	3.02	96%	2.38	0.76	0.01
459.03	462.08	3.05	3.05	100%	2.82	0.92	0.22
462.08	465.12	3.04	2.97	98%	2.43	0.80	0.01
465.12	468.17	3.05	3.05	100%	1.95	0.64	0.01
468.17	470.46	2.29	2.25	98%	1.14	0.50	0.11
470.46	473.96	3.50	3.02	86%	1.72	0.49	0.01

Checked: _____

CME CORE RECOVERY, ROCK QUALITY & MAGNETICS

Hole No.: GG03-2

DRILL INTERVAL			CORE RECOVERY		RQD		MAG
From	To	Length	Measured	% Recovery	Measured	RQD	
3.19	3.35	0.16	0.16	100%	0.16	1.00	18.78
3.35	6.40	3.05	2.70	89%	0.72	0.24	16.33
6.40	7.92	1.52	1.48	97%	1.03	0.68	17.78
7.92	9.45	1.53	1.34	88%	0.30	0.20	15.78
9.45	10.97	1.52	1.41	93%	0.85	0.56	12.00
10.97	12.50	1.53	1.53	100%	0.47	0.31	1.22
12.50	14.02	1.52	1.43	94%	1.01	0.66	0.89
14.02	15.54	1.52	1.46	96%	0.59	0.39	1.56
15.54	17.07	1.53	1.46	95%	0.79	0.52	5.22
17.07	18.59	1.52	1.52	100%	0.81	0.53	12.00
18.59	20.12	1.53	1.45	95%	0.30	0.20	15.56
20.12	21.64	1.52	1.45	95%	0.81	0.53	16.22
21.64	23.16	1.52	1.52	100%	0.91	0.60	20.44
23.16	23.93	0.77	0.67	87%	0.28	0.36	2.56
23.93	24.69	0.76	0.56	74%	0.36	0.47	5.22
24.69	26.21	1.52	1.40	92%	1.02	0.67	10.44
26.21	27.58	1.37	1.29	94%	0.34	0.25	19.78
27.58	28.96	1.38	1.38	100%	0.57	0.41	16.44
28.96	29.87	0.91	0.59	65%	0.10	0.11	1.11
29.87	30.78	0.91	0.79	87%	0.46	0.51	2.56
30.78	31.39	0.61	0.60	98%	0.15	0.25	8.67
31.39	32.92	1.53	1.53	100%	0.60	0.39	17.33
32.92	33.68	0.76	0.71	93%	0.12	0.16	2.11
33.68	35.20	1.52	1.42	93%	0.46	0.30	0.22
35.20	36.73	1.53	1.46	95%	0.76	0.50	0.22
36.73	38.40	1.67	1.50	90%	0.86	0.51	0.33
38.40	39.93	1.53	1.42	93%	1.10	0.72	0.33
39.93	41.45	1.52	1.34	88%	0.42	0.28	0.11
41.45	42.98	1.53	1.35	88%	0.22	0.14	0.11
42.98	44.50	1.52	1.24	82%	0.00	0.00	0.11
44.50	46.02	1.52	1.07	70%	0.29	0.19	0.01
46.02	47.40	1.38	1.20	87%	0.32	0.23	0.11
47.40	48.46	1.06	0.81	76%	0.19	0.18	0.22
48.46	49.07	0.61	0.38	62%	0.00	0.00	0.11
49.07	49.68	0.61	0.49	80%	0.00	0.00	0.01
49.68	51.21	1.53	1.53	100%	0.00	0.00	0.01
51.21	52.12	0.91	0.76	84%	0.00	0.00	0.22
52.12	53.64	1.52	1.52	100%	0.36	0.24	0.11
53.64	55.17	1.53	1.21	79%	0.20	0.13	0.01
55.17	56.69	1.52	1.35	89%	0.00	0.00	0.22
56.69	57.76	1.07	0.95	89%	0.00	0.00	0.22

Mineralized Zone

From (m)	To (m)
323.73	372.60

Checked: _____

CME CORE RECOVERY, ROCK QUALITY & MAGNETICS

Hole No.: GG03-2

DRILL INTERVAL			CORE RECOVERY		RQD		MAG
From	To	Length	Measured	% Recovery	Measured	RQD	
57.76	58.22	0.46	0.44	96%	0.15	0.33	0.11
58.22	59.13	0.91	0.84	92%	0.10	0.11	0.33
59.13	60.66	1.53	1.50	98%	0.00	0.00	0.22
60.66	61.26	0.60	0.59	98%	0.33	0.55	0.11
61.26	62.18	0.92	0.92	100%	0.21	0.23	0.11
62.18	62.79	0.61	0.45	74%	0.00	0.00	0.11
62.79	64.31	1.52	1.43	94%	0.33	0.22	0.01
64.31	65.53	1.22	1.18	97%	0.37	0.30	0.01
65.53	67.36	1.83	1.45	79%	0.28	0.15	0.11
67.36	68.88	1.52	1.51	99%	0.84	0.55	0.33
68.88	70.40	1.52	1.45	95%	0.80	0.53	0.11
70.40	71.93	1.53	1.53	100%	0.71	0.46	0.89
71.93	73.46	1.53	1.53	100%	0.54	0.35	0.11
73.46	74.98	1.52	1.52	100%	0.93	0.61	0.22
74.98	76.50	1.52	1.45	95%	1.17	0.77	0.01
76.50	78.03	1.53	1.53	100%	0.90	0.59	0.01
78.03	79.55	1.52	1.50	99%	0.23	0.15	0.01
79.55	81.08	1.53	1.52	99%	1.07	0.70	0.01
81.08	82.60	1.52	1.39	91%	0.46	0.30	0.11
82.60	84.12	1.52	1.52	100%	0.50	0.33	0.01
84.12	85.34	1.22	1.22	100%	0.93	0.76	0.01
85.34	86.87	1.53	1.51	99%	1.20	0.78	0.11
86.87	88.39	1.52	1.52	100%	1.24	0.82	0.11
88.39	89.92	1.53	1.49	97%	1.14	0.75	0.22
89.92	91.59	1.67	1.47	88%	1.13	0.68	0.67
91.59	93.12	1.53	1.43	93%	1.13	0.74	10.89
93.12	94.64	1.52	1.52	100%	0.92	0.61	21.56
94.64	96.16	1.52	1.44	95%	0.64	0.42	12.11
96.16	97.84	1.68	1.53	91%	1.00	0.60	8.11
97.84	99.36	1.52	1.52	100%	0.62	0.41	7.89
99.36	100.89	1.53	1.48	97%	1.13	0.74	6.11
100.89	102.26	1.37	1.37	100%	0.83	0.61	5.67
102.26	103.78	1.52	1.47	97%	0.61	0.40	8.22
103.78	105.31	1.53	1.53	100%	0.81	0.53	5.44
105.31	106.83	1.52	1.46	96%	0.92	0.61	0.33
106.83	108.36	1.53	1.32	86%	0.69	0.45	0.33
108.36	109.42	1.06	1.00	94%	0.46	0.43	0.78
109.42	110.03	0.61	0.48	79%	0.28	0.46	0.17
110.03	111.56	1.53	1.51	99%	0.58	0.38	0.13
111.56	113.08	1.52	1.42	93%	0.75	0.49	0.56
113.08	114.30	1.22	1.00	82%	0.34	0.28	0.14

Checked: _____

CME CORE RECOVERY, ROCK QUALITY & MAGNETICS

Hole No.: GG03-2

DRILL INTERVAL			CORE RECOVERY		RQD		MAG
From	To	Length	Measured	% Recovery	Measured	RQD	
114.30	115.82	1.52	1.52	100%	0.62	0.41	1.78
115.82	117.35	1.53	1.43	93%	0.90	0.59	1.33
117.35	118.57	1.22	1.22	100%	0.52	0.43	3.22
118.57	120.09	1.52	1.49	98%	0.99	0.65	0.13
120.09	121.61	1.52	1.52	100%	0.96	0.63	0.22
121.61	122.22	0.61	0.61	100%	0.56	0.92	1.11
122.22	123.75	1.53	1.53	100%	1.36	0.89	0.22
123.75	125.27	1.52	1.52	100%	1.03	0.68	0.12
125.27	126.80	1.53	1.52	99%	1.04	0.68	0.12
126.80	128.32	1.52	1.29	85%	0.24	0.16	0.33
128.32	129.84	1.52	1.33	87%	0.12	0.08	0.14
129.84	131.83	1.99	1.90	95%	0.45	0.23	0.13
131.83	133.20	1.37	1.32	96%	0.53	0.39	0.22
133.20	134.42	1.22	1.09	89%	0.37	0.30	0.44
134.42	135.94	1.52	1.49	98%	0.61	0.40	1.22
135.94	137.46	1.52	1.52	100%	0.67	0.44	0.11
137.46	138.99	1.53	1.53	100%	0.91	0.59	0.18
138.99	140.51	1.52	1.49	98%	0.49	0.32	0.17
140.51	142.04	1.53	1.39	91%	0.33	0.22	0.58
142.04	142.95	0.91	0.88	97%	0.51	0.56	0.01
142.95	145.08	2.13	1.99	93%	1.36	0.64	0.03
145.08	148.13	3.05	2.87	94%	2.20	0.72	0.05
148.13	151.18	3.05	2.85	93%	1.53	0.50	0.07
151.18	154.23	3.05	2.79	91%	1.83	0.60	0.47
154.23	157.28	3.05	3.00	98%	2.51	0.82	0.81
157.28	160.32	3.04	3.04	100%	0.71	0.23	0.16
160.32	163.37	3.05	3.05	100%	0.88	0.29	0.50
163.37	166.42	3.05	3.01	99%	2.72	0.89	0.28
166.42	169.47	3.05	2.96	97%	2.35	0.77	0.24
169.47	172.52	3.05	2.93	96%	1.80	0.59	0.20
172.52	175.41	2.89	2.89	100%	1.77	0.61	0.21
175.41	178.46	3.05	3.02	99%	1.70	0.56	0.10
178.46	181.51	3.05	3.01	99%	2.67	0.88	0.19
181.51	184.56	3.05	3.02	99%	1.63	0.53	0.33
184.56	187.60	3.04	2.84	93%	1.91	0.63	0.15
187.60	190.65	3.05	2.99	98%	1.91	0.63	0.18
190.65	193.70	3.05	2.86	94%	2.42	0.79	0.31
193.70	196.90	3.20	2.95	92%	2.44	0.76	0.16
196.90	199.95	3.05	3.05	100%	2.02	0.66	0.19
199.95	202.97	3.02	3.02	100%	3.00	0.99	0.25
202.97	205.59	2.62	2.51	96%	2.15	0.82	0.37

Checked: _____

CME CORE RECOVERY, ROCK QUALITY & MAGNETICS

Hole No.: GG03-2

DRILL INTERVAL			CORE RECOVERY		RQD		MAG
From	To	Length	Measured	% Recovery	Measured	RQD	
205.59	208.64	3.05	3.05	100%	2.46	0.81	0.21
208.64	211.84	3.20	3.12	97%	2.45	0.77	0.26
211.84	212.45	0.61	0.59	97%	0.38	0.62	0.26
212.45	215.19	2.74	2.48	91%	2.09	0.76	0.33
215.19	218.34	3.15	3.02	96%	1.98	0.63	0.21
218.34	220.67	2.33	2.33	100%	1.81	0.78	0.31
220.67	223.88	3.21	3.12	97%	2.74	0.85	0.28
223.88	226.47	2.59	2.55	98%	2.44	0.94	0.34
226.47	229.06	2.59	2.59	100%	1.86	0.72	0.15
229.06	232.11	3.05	3.01	99%	2.77	0.91	0.41
232.11	234.70	2.59	2.59	100%	2.33	0.90	0.20
234.70	236.52	1.82	1.77	97%	1.69	0.93	0.23
236.52	239.57	3.05	3.04	100%	2.60	0.85	0.35
239.57	242.62	3.05	3.05	100%	1.69	0.55	0.22
242.62	245.67	3.05	3.05	100%	2.52	0.83	0.21
245.67	247.19	1.52	1.49	98%	0.72	0.47	0.14
247.19	248.72	1.53	1.42	93%	0.64	0.42	0.28
248.72	249.02	0.30	0.30	100%	0.00	0.00	0.18
249.02	251.76	2.74	2.73	100%	1.18	0.43	0.23
251.76	254.81	3.05	3.01	99%	2.24	0.73	0.33
254.81	257.86	3.05	2.90	95%	2.00	0.66	0.22
257.86	259.54	1.68	1.59	95%	0.45	0.27	0.48
259.54	262.43	2.89	2.89	100%	1.41	0.49	0.14
262.43	264.57	2.14	2.14	100%	0.93	0.43	0.21
264.57	266.40	1.83	1.80	98%	1.01	0.55	0.10
266.40	268.22	1.82	1.76	97%	1.04	0.57	0.14
268.22	268.83	0.61	0.58	95%	0.45	0.74	0.31
268.83	271.88	3.05	2.95	97%	1.81	0.59	0.38
271.88	274.93	3.05	3.03	99%	1.26	0.41	0.62
274.93	277.98	3.05	2.98	98%	2.45	0.80	0.17
277.98	281.03	3.05	2.48	81%	2.47	0.81	0.84
281.03	282.24	1.21	1.21	100%	1.30	1.07	0.58
282.24	285.29	3.05	3.05	100%	2.86	0.94	0.78
285.29	288.34	3.05	3.02	99%	2.34	0.77	0.52
288.34	291.39	3.05	3.04	100%	2.58	0.85	0.31
291.39	294.44	3.05	3.01	99%	2.18	0.71	0.24
294.44	297.48	3.04	3.04	100%	2.72	0.89	0.23
297.48	300.53	3.05	3.01	99%	1.83	0.60	0.43
300.53	303.58	3.05	3.02	99%	2.68	0.88	0.25
303.58	306.62	3.04	3.04	100%	1.14	0.37	0.35
306.62	309.68	3.06	2.95	96%	1.51	0.49	0.27

Checked: _____

CME CORE RECOVERY, ROCK QUALITY & MAGNETICS

Hole No.: GG03-2

DRILL INTERVAL			CORE RECOVERY		RQD		MAG
From	To	Length	Measured	% Recovery	Measured	RQD	
309.68	312.72	3.04	3.04	100%	2.27	0.75	0.27
312.72	315.77	3.05	3.05	100%	2.58	0.85	0.18
315.77	318.82	3.05	2.95	97%	2.76	0.90	0.26
318.82	321.87	3.05	2.99	98%	2.12	0.70	0.10
321.87	324.92	3.05	3.05	100%	2.31	0.76	0.27
324.92	327.96	3.04	2.99	98%	1.22	0.40	0.19
327.96	331.01	3.05	3.01	99%	2.32	0.76	0.41
331.01	334.06	3.05	3.05	100%	2.48	0.81	15.70
334.06	337.11	3.05	3.05	100%	1.81	0.59	0.66
337.11	340.16	3.05	3.05	100%	1.94	0.64	0.29
340.16	343.20	3.04	3.04	100%	2.31	0.76	0.20
343.20	346.25	3.05	3.05	100%	2.20	0.72	0.26
346.25	349.30	3.05	3.03	99%	1.73	0.57	0.28
349.30	352.35	3.05	3.03	99%	1.76	0.58	0.24
352.35	355.40	3.05	3.05	100%	2.21	0.72	0.28
355.40	358.44	3.04	3.02	99%	2.45	0.81	0.25
358.44	361.49	3.05	2.66	87%	2.43	0.80	0.35
361.49	364.54	3.05	3.05	100%	2.31	0.76	0.37
364.54	367.59	3.05	3.05	100%	1.99	0.65	0.22
367.59	370.64	3.05	3.05	100%	2.58	0.85	0.26
370.64	373.68	3.04	3.00	99%	2.39	0.79	0.36
373.68	376.73	3.05	2.96	97%	1.97	0.65	0.25
376.73	379.78	3.05	3.02	99%	1.68	0.55	0.38
379.78	382.83	3.05	2.91	95%	2.00	0.66	0.33
382.83	385.88	3.05	3.05	100%	2.27	0.74	0.32
385.88	388.92	3.04	3.04	100%	1.97	0.65	0.25
388.92	391.97	3.05	3.04	100%	1.76	0.58	0.24
391.97	395.02	3.05	3.05	100%	1.81	0.59	0.45
395.02	397.46	2.44	2.27	93%	0.76	0.31	0.54
397.46	400.51	3.05	3.02	99%	1.35	0.44	0.39
400.51	401.12	0.61	0.61	100%	0.36	0.59	0.37
401.12	404.16	3.04	3.04	100%	2.18	0.72	0.34
404.16	406.91	2.75	2.73	99%	0.41	0.15	0.37
406.91	409.96	3.05	3.03	99%	0.71	0.23	0.44
409.96	410.87	0.91	0.84	92%	0.29	0.32	0.42
410.87	413.00	2.13	2.04	96%	0.96	0.45	1.12
413.00	414.99	1.99	1.93	97%	0.48	0.24	0.56
414.99	418.03	3.04	3.04	100%	2.14	0.70	0.20
418.03	420.62	2.59	2.37	92%	1.05	0.41	0.35
420.62	423.67	3.05	2.94	96%	1.89	0.62	0.27
423.67	425.50	1.83	1.83	100%	1.72	0.94	0.22

Checked: _____

CME CORE RECOVERY, ROCK QUALITY & MAGNETICS

Hole No.: GG03-2

DRILL INTERVAL			CORE RECOVERY		RQD		MAG
From	To	Length	Measured	% Recovery	Measured	RQD	
425.50	428.55	3.05	2.97	97%	2.45	0.80	0.51
428.55	428.85	0.30	0.30	100%	0.13	0.43	0.28

Checked: _____

CME CORE RECOVERY, ROCK QUALITY & MAGNETICS

Hole No.: GG03-2A

DRILL INTERVAL			CORE RECOVERY		RQD		MAG
From	To	Length	Measured	% Recovery	Measured	RQD	
6.10	6.86	0.76	0.76	100%	0.00	0.00	3.56
6.86	7.92	1.06	1.06	100%	0.20	0.19	0.11
7.92	10.21	2.29	2.12	93%	0.11	0.05	0.01
10.21	10.97	0.76	0.74	97%	0.33	0.43	0.67
10.97	11.58	0.61	0.60	98%	0.14	0.23	0.01
11.58	13.41	1.83	1.72	94%	0.48	0.26	0.11
13.41	14.02	0.61	0.43	70%	0.13	0.21	0.01
14.02	16.74	2.72	2.72	100%	0.95	0.35	1.00
16.74	17.83	1.09	1.07	98%	0.27	0.25	0.01
17.83	20.12	2.29	1.77	77%	0.86	0.38	0.22
20.12	23.16	3.04	2.66	88%	0.53	0.17	0.11
23.16	26.21	3.05	2.76	90%	0.56	0.18	0.01
26.21	29.26	3.05	3.05	100%	0.83	0.27	0.44
29.26	31.28	2.02	2.02	100%	1.06	0.52	2.44
31.28	32.31	1.03	0.46	45%	0.00	0.00	1.78
32.31	33.68	1.37	1.16	85%	0.23	0.17	1.78
33.68	35.51	1.83	1.71	93%	0.56	0.31	1.11
35.51	37.19	1.68	1.48	88%	0.91	0.54	0.78
37.19	38.10	0.91	0.88	97%	0.43	0.47	7.89
38.10	38.40	0.30	0.30	100%	0.00	0.00	0.67
38.40	41.45	3.05	2.93	96%	1.83	0.60	0.22
41.45	44.50	3.05	2.98	98%	2.17	0.71	1.22
44.50	46.02	1.52	1.12	74%	0.33	0.22	0.44
46.02	47.55	1.53	1.38	90%	0.38	0.25	0.11
47.55	50.60	3.05	2.93	96%	1.57	0.51	0.01
50.60	53.64	3.04	2.87	94%	1.43	0.47	0.22
53.64	56.69	3.05	3.05	100%	1.73	0.57	0.22
56.69	59.74	3.05	3.00	98%	1.22	0.40	0.01
59.74	62.79	3.05	3.05	100%	2.85	0.93	0.11
62.79	65.84	3.05	3.02	99%	2.04	0.67	0.11
65.84	67.97	2.13	1.75	82%	0.85	0.40	0.01
67.97	68.88	0.91	0.70	77%	0.57	0.63	0.01
68.88	71.93	3.05	0.40	13%	0.00	0.00	0.01

Mineralized Zone

From (m)	To (m)
Hole aborted	

Checked: _____

APPENDIX VI

DIAMOND DRILLING

d. Density Tests

CME

DENSITY TEST SHEET

Project Name: Skukum	Project No: P56D	Date: 10-22-03
Tested By: TV	Core Size: NQ	Hole No: GG03-1

DENSITY

Sample No.	Water (deg. C)	Test No. 1				Test No. 2				Avg. Density
		Length (cm)	Dry Wt. (g)	Wet Wt. (g)	S.G.	Length (cm)	Dry Wt. (g)	Wet Wt. (g)	S.G.	
09338	11	12	541.5	338.8	2.67	7	320.6	200.1	2.66	2.67
09339	11	11	499.0	324.3	2.86	9	429.3	278.4	2.85	2.85
09340	11	17	854.0	540.6	2.73	10	490.8	313.6	2.77	2.75
09341	11	11	586.0	377.4	2.81	8	355.9	227.1	2.76	2.79
09342	11	11	586.5	374.9	2.77	8	416.5	265.6	2.76	2.77
09343	11	10	421.4	260.2	2.62	10	464.8	288.0	2.63	2.62
09344	11	10	596.0	373.4	2.68	10	420.1	263.0	2.68	2.68
09345	11	8	440.8	284.4	2.82	7	431.9	279.2	2.83	2.82
09346	13	7	321.4	204.6	2.75	9	364.3	218.4	2.50	2.63
09347	13	8	400.7	252.6	2.71	10	498.8	317.2	2.75	2.73
09348	13	12	571.4	359.4	2.70	13	587.9	365.2	2.64	2.67
09349	13	7	268.7	166.6	2.63	8	423.6	263.6	2.65	2.64
09350	11	10	444.3	277.2	2.66	8	398.5	247.5	2.64	2.65
09351	11	10	446.6	280.4	2.69	11	527.4	327.9	2.64	2.67
09352	11	15	707.1	434.6	2.60	9	446.2	271.7	2.56	2.58
09353	11	17	779.1	473.8	2.55	8	383.8	233.0	2.55	2.55
09354	11	14	585.0	353.2	2.52	13	581.3	351.5	2.53	2.53
09355	11	18	846.9	515.8	2.56	1 sample only				2.56
09356	11	8	384.2	233.9	2.56	12	563.5	338.8	2.51	2.53
09357	11	8	407.2	250.8	2.60	11	513.2	316.5	2.61	2.61
09358	11	9	422.2	258.3	2.58	7	334.0	207.0	2.63	2.60
09359	11	9	405.0	253.7	2.68	14	669.1	419.7	2.68	2.68
09360	11	6	281.6	176.3	2.68	8	394.2	247.0	2.68	2.68
09361	11	11	531.0	334.0	2.70	8	375.2	234.7	2.67	2.68
09362	11	15	735.8	475.8	2.83	16	671.9	418.0	2.65	2.74
09363	11	9	419.5	262.9	2.68	9	377.6	236.6	2.68	2.68
09364	11	10	464.8	292.4	2.70	12	564.9	352.9	2.67	2.68
09365	11	5	225.5	140.8	2.66	12	572.3	357.1	2.66	2.66
09366	11	5	257.5	161.1	2.67	9	351.1	219.2	2.66	2.67
09367	12	9	430.9	270.2	2.68	11	535.0	334.7	2.67	2.68
09368	12	6	320.9	204.7	2.76	10	501.1	318.2	2.74	2.75
09369	12	8	394.9	250.6	2.74	7	346.3	219.8	2.74	2.74
09372	12	10	419.9	265.7	2.72	8	358.3	226.8	2.73	2.73
09373	12	8	350.0	221.4	2.72	8	378.0	238.9	2.72	2.72
09374	12	8	362.6	226.4	2.66	9	496.7	312.3	2.69	2.68
09375	12	7	280.1	175.9	2.69	9	406.1	256.4	2.71	2.70
09376	12	9	337.6	214.1	2.73	1 sample only				2.73

CME

DENSITY TEST SHEET

Project Name: Skukum	Project No: P56D	Date: 10-22-03
Tested By: TV	Core Size: NQ	Hole No: GG03-1

DENSITY

Sample No.	Water (deg. C)	Test No. 1				Test No. 2				Avg. Density
		Length (cm)	Dry Wt. (g)	Wet Wt. (g)	S.G.	Length (cm)	Dry Wt. (g)	Wet Wt. (g)	S.G.	
09377	12	8	428.0	268.2	2.68	8	447.6	280.6	2.68	2.68
09378	12	10	471.7	296.9	2.70	13	630.9	395.9	2.69	2.69
09379	12	11	526.4	330.4	2.69	11	508.9	319.4	2.69	2.69
09380	12	12	538.0	340.3	2.72	15	740.5	467.3	2.71	2.72
09381	12	12	560.8	359.7	2.79	13	630.0	404.7	2.80	2.79
09382	12	8	392.4	251.0	2.78	10	516.2	331.0	2.79	2.78
09383	12	15	716.4	449.9	2.69	13	562.5	355.8	2.72	2.71
09384	12	15	730.9	459.7	2.70	9	405.7	254.3	2.68	2.69
09385	12	11	527.8	334.9	2.74	11	522.4	330.4	2.72	2.73
09386	12	8	417.8	262.9	2.70	10	441.7	280.4	2.74	2.72
09387	12	12	565.5	363.9	2.81	10	522.4	335.8	2.80	2.80
09388	12	8	410.0	263.7	2.80	10	504.6	324.1	2.80	2.80
09389	12	7	320.1	202.0	2.71	10	489.0	309.8	2.73	2.72
09390	12	14	646.5	413.2	2.77	12	593.8	373.4	2.70	2.73
09391	12	5	271.0	174.3	2.80	15	652.5	420.3	2.81	2.81
09392	12	9	446.3	287.7	2.82	7	377.3	242.6	2.80	2.81
09393	12	8	368.6	232.7	2.71	10	407.9	255.7	2.68	2.70
09440	15	9	430.5	272.4	2.73	10	497.9	306.5	2.60	2.66
09441	15	10	460.2	290.5	2.71	9	430.3	271.8	2.72	2.72
09442	15	15	642.2	401.8	2.67	15	698.3	438.5	2.69	2.68
09443	15	9	434.7	273.7	2.70	9	370.5	232.6	2.69	2.70
09444	15	14	572.8	360.6	2.70	12	526.4	331.8	2.71	2.70
09445	15	12	515.6	326.1	2.72	12	489.4	309.5	2.72	2.72
09446	15	8	372.2	234.9	2.71	10	435.7	274.8	2.71	2.71
09447	15	10	435.9	274.9	2.71	12	477.2	302.0	2.73	2.72
09448	15	9	400.9	253.9	2.73	10	513.5	325.0	2.73	2.73
09451	15	11	451.4	285.3	2.72	12	508.1	320.5	2.71	2.72
09452	15	10	465.0	294.0	2.72	10	476.5	301.1	2.72	2.72
09453	15	11	496.3	313.5	2.72	8	407.2	257.2	2.72	2.72
09454	15	10	480.0	303.0	2.71	11	508.7	321.1	2.71	2.71
09455	15	7	322.8	203.4	2.71	13	582.0	368.6	2.73	2.72
09456	15	13	603.9	381.8	2.72	12	549.0	345.9	2.71	2.71
09457	15	12	537.5	338.5	2.70	6	291.8	184.7	2.73	2.72
09458	15	13	571.1	362.1	2.73	12	506.4	320.4	2.73	2.73
09459	15	10	444.4	281.8	2.74	8	388.8	246.4	2.73	2.73
09460	15	12	566.8	359.6	2.74	12	550.3	346.5	2.70	2.72
09461	15	12	505.0	319.7	2.73	7	302.6	191.8	2.73	2.73

CME

DENSITY TEST SHEET

Project Name: Skukum	Project No: P56D	Date: 10-22-03
Tested By: TV	Core Size: NQ	Hole No: GG03-1

DENSITY

Sample No.	Water (deg. C)	Test No. 1				Test No. 2				Avg. Density
		Length (cm)	Dry Wt. (g)	Wet Wt. (g)	S.G.	Length (cm)	Dry Wt. (g)	Wet Wt. (g)	S.G.	
09462	15	11	467.5	296.1	2.73	10	405.4	257.1	2.74	2.73
09463	15	12	542.0	344.2	2.74	10	448.6	285.9	2.76	2.75
09464	15	8	332.5	211.0	2.74	11	523.1	333.6	2.76	2.75
09465	15	9	419.9	267.3	2.75	14	644.7	410.5	2.76	2.75
09466	15	7	349.4	222.0	2.75	14	686.0	437.5	2.76	2.75
09467	15	15	670.4	428.7	2.78	10	482.2	307.5	2.76	2.77
09468	15	10	486.3	313.5	2.82	9	425.1	275.1	2.84	2.83
09394	15	12	276.5	175.7	2.75	10	234.2	148.4	2.73	2.74
09395	15	8	182.0	115.5	2.74	7	147.1	93.8	2.76	2.75
09396	15	10	230.3	146.4	2.75	12	297.0	188.8	2.75	2.75
09397	15	12	259.2	165.3	2.76	13	297.8	189.4	2.75	2.76
09398	15	13	313.7	200.2	2.77	11	253.8	161.6	2.76	2.76
09401	13	14	342.7	217.4	2.74	13	291.3	185.3	2.75	2.74
09402	13	11	266.7	169.3	2.74	12	259.2	164.5	2.74	2.74
09403	13	14	297.5	189.0	2.74	15	371.3	235.7	2.74	2.74
09404	13	14	336.2	213.7	2.75	10	227.0	144.5	2.75	2.75
09405	13	14	370.7	236.6	2.77	14	354.2	224.6	2.73	2.75
09406	13	12	223.0	141.2	2.73	15	355.2	225.9	2.75	2.74
09407	13	16	350.4	222.7	2.75	14	340.2	215.2	2.72	2.73
09408	13	13	331.2	210.7	2.75	15	369.4	234.9	2.75	2.75
09409	13	16	377.0	238.7	2.73	15	362.8	230.5	2.74	2.74
09410	13	13	306.9	196.2	2.77	12	276.8	178.9	2.83	2.80
09411	13	16	377.1	239.5	2.74	15	387.7	246.6	2.75	2.75
09412	13	12	284.2	180.6	2.74	11	240.9	152.8	2.74	2.74
09413	13	9	213.7	135.4	2.73	12	323.2	205.4	2.75	2.74
09414	13	12	275.4	175.4	2.76	13	336.5	218.1	2.84	2.80
09415	13	13	310.5	197.1	2.74	11	251.6	160.3	2.76	2.75
09416	13	16	369.5	237.4	2.80	10	236.3	152.7	2.83	2.81
09417	13	16	404.6	259.7	2.79	16	319.6	241.7	4.11	3.45
09418	13	12	287.2	185.1	2.81	10	236.9	150.0	2.73	2.77
09419	13	12	305.2	191.3	2.68	12	282.9	179.8	2.75	2.71
09420	13	11	251.7	159.9	2.74	15	333.9	211.8	2.74	2.74
09421	13	13	304.6	194.2	2.76	17	414.5	264.4	2.76	2.76
09422	13	10	244.5	153.2	2.68	15	343.1	210.6	2.59	2.64
09423	13	16	388.2	237.7	2.58	15	328.3	200.0	2.56	2.57
09424	13	14	307.1	188.1	2.58	15	328.8	201.0	2.57	2.58
09425	13	15	346.3	214.2	2.62	10	215.7	134.6	2.66	2.64

CME

DENSITY TEST SHEET

Project Name: Skukum	Project No: P56D	Date: 10/31/03
Tested By: TV	Core Size: NQ	Hole No: GG03-2

DENSITY

Sample No.	Water (deg. C)	Test No. 1				Test No. 2				Avg. Density
		Length (cm)	Dry Wt. (g)	Wet Wt. (g)	S.G.	Length (cm)	Dry Wt. (g)	Wet Wt. (g)	S.G.	
09471	11	10	467.6	297.0	2.74	11	511.8	324.2	2.73	2.74
09472	11	9	331.1	208.3	2.70	12	558.7	353.3	2.72	2.71
09473	11	10	398.5	253.0	2.74	12	548.2	347.4	2.73	2.74
09474	11	12	528.2	333.1	2.71	10	464.9	292.1	2.69	2.70
09475	11	13	584.4	366.5	2.68	11	456.2	285.6	2.68	2.68
09476	11	14	622.1	392.8	2.71	14	637.8	404.9	2.74	2.73
09477	11	8	356.3	224.6	2.71	13	611.4	389.8	2.76	2.73
09478	11	11	475.5	302.2	2.74	7	381.4	244.9	2.80	2.77
09479	11	10	448.3	285.4	2.75	12	585.3	375.5	2.79	2.77
09480	11	10	495.0	316.2	2.77	15	690.1	435.6	2.71	2.74
09481	11	9	433.1	277.3	2.78	14	695.9	442.9	2.75	2.77
09482	11	9	356.5	226.5	2.74	12	525.1	331.3	2.71	2.73
09483	11	10	519.4	330.5	2.75	10	465.7	297.4	2.77	2.76
09484	11	10	434.2	275.4	2.74	12	583.2	367.5	2.70	2.72
09485	11	11	523.1	336.8	2.81	11	514.3	316.8	2.61	2.71
09486	13	9	397.3	253.2	2.76	9	419.9	267.2	2.75	2.76
09487	13	9	406.4	259.2	2.76	9	406.0	258.1	2.75	2.75
09488	13	8	331.5	211.3	2.76	8	341.1	217.3	2.76	2.76
09489	13	15	627.8	402.9	2.79	8	308.4	195.3	2.73	2.76
09490	13	10	437.4	279.0	2.76	9	391.6	246.0	2.69	2.73
09491	13	10	400.1	252.8	2.72	9	386.6	242.3	2.68	2.70
09492	13	15	661.5	419.4	2.73	15	588.3	369.2	2.69	2.71
09493	13	9	386.8	244.7	2.72	12	516.9	324.1	2.68	2.70
09494	13	10	374.0	228.1	2.56	15	625.8	386.7	2.62	2.59
09495	13	9	328.1	191.8	2.41	1 sample only				2.41
09496	13	7	306.6	188.9	2.61	14	638.0	395.4	2.63	2.62
09497	13	14	516.4	314.4	2.56	6	287.6	175.4	2.56	2.56
09498	13	12	493.9	303.7	2.60	11	476.8	292.5	2.59	2.59
09501	13	9	296.6	179.7	2.54	1 sample only				2.54
09502	13	9	419.8	264.1	2.70	9	405.3	239.5	2.45	2.57
09503	13	9	420.6	252.7	2.51	8	360.1	205.9	2.34	2.42
09504	13	13	513.6	302.5	2.43	6	221.2	138.9	2.69	2.56
09505	13	14	593.9	362.2	2.56	13	545.8	329.4	2.52	2.54
09506	13	8	380.9	233.4	2.58	9	442.1	271.7	2.60	2.59
09507	13	10	385.3	236.1	2.58	1 sample only				2.58
09508	13	7	265.6	164.0	2.62	9	361.6	220.9	2.57	2.59
09509	13	8	377.1	232.6	2.61	14	577.2	345.8	2.50	2.55

CME

DENSITY TEST SHEET

Project Name: Skukum	Project No: P56D	Date: 10/31/03
Tested By: TV	Core Size: NQ	Hole No: GG03-2

DENSITY

Sample No.	Water (deg. C)	Test No. 1				Test No. 2				Avg. Density
		Length (cm)	Dry Wt. (g)	Wet Wt. (g)	S.G.	Length (cm)	Dry Wt. (g)	Wet Wt. (g)	S.G.	
09510	13	8	243.8	147.6	2.54	15	504.4	301.8	2.49	2.51
09511	13	9	431.5	268.1	2.64	12	527.1	328.1	2.65	2.65
09512	13	3	142.0	88.8	2.67	13	409.4	252.2	2.61	2.64
09513	13	11	446.8	269.3	2.52	10	420.6	256.3	2.56	2.54
09514	8	12	508.4	317.5	2.66	8	357.8	225.9	2.71	2.69
09515	8	9	370.5	225.9	2.56	12	485.2	294.5	2.54	2.55
09516	8	15	657.2	404.9	2.61	13	597.1	379.6	2.75	2.68
09517	8	6	298.4	189.6	2.74	9	405.6	258.4	2.76	2.75
09518	8	11	482.0	302.3	2.68	9	432.6	272.0	2.69	2.69
09519	8	10	495.7	314.2	2.73	14	653.0	409.2	2.68	2.71
09520	8	12	538.5	338.7	2.70	11	508.1	318.0	2.67	2.68
09521	8	5	187.6	117.0	2.66	1 sample only				2.66
09522	8	13	566.1	354.1	2.67	15	739.4	462.0	2.67	2.67
09523	8	18	771.3	489.7	2.74	8	344.7	218.5	2.73	2.74
09524	8	8	386.7	240.8	2.65	10	452.0	284.0	2.69	2.67
09525	8	9	452.0	286.0	2.72	10	409.4	261.4	2.77	2.74
09526	8	11	495.2	309.3	2.66	8	404.8	253.0	2.67	2.67
09527	12	15	666.1	409.3	2.60	9	429.1	263.1	2.59	2.59
09528	12	10	520.8	327.6	2.70	11	472.9	294.3	2.65	2.67
09529	12	8	426.7	265.8	2.65	10	424.9	264.7	2.65	2.65
09530	13	15	635.1	395.4	2.65	6	276.0	172.5	2.67	2.66
09531	13	12	531.4	335.2	2.71	12	542.3	343.4	2.73	2.72
09532	13	9	441.5	285.4	2.83	13	626.7	400.2	2.77	2.80
09533	13	10	429.5	263.0	2.58	10	443.0	273.7	2.62	2.60
09534	13	11	501.3	320.2	2.77	6	293.4	188.4	2.80	2.78
09535	13	14	660.7	413.2	2.67	13	565.7	350.8	2.63	2.65
09536	13	9	437.8	267.6	2.57	13	526.8	323.1	2.59	2.58
09537	13	8	311.8	191.0	2.58	9	370.6	229.7	2.63	2.61
09538	13	12	532.7	330.3	2.63	14	616.3	382.7	2.64	2.64
09539	13	10	449.6	285.7	2.74	9	400.8	253.4	2.72	2.73
09540	13	8	330.5	199.7	2.53	10	444.1	272.8	2.59	2.56
09541	13	14	520.9	295.0	2.31	8	312.5	169.1	2.18	2.24
09542	13	8	356.4	215.3	2.53	8	354.5	215.2	2.55	2.54
09543	13	11	515.8	313.6	2.55	9	428.3	294.4	3.20	2.88
09544	13	7	338.8	208.2	2.60	9	425.3	263.2	2.63	2.61
09545	13	15	681.4	419.7	2.61	11	504.9	307.9	2.56	2.58
09546	13	9	375.8	223.1	2.46	7	278.6	165.3	2.46	2.46

CME

DENSITY TEST SHEET

Project Name:	Skukum	Project No:	P56D	Date:	10/31/03
Tested By:	TV	Core Size:	NQ	Hole No:	GG03-2

DENSITY

Sample No.	Water (deg. C)	Test No. 1				Test No. 2				Avg. Density
		Length (cm)	Dry Wt. (g)	Wet Wt. (g)	S.G.	Length (cm)	Dry Wt. (g)	Wet Wt. (g)	S.G.	
09547	13	13	590.2	344.5	2.40	12	444.5	259.9	2.41	**2.41**
09548	13	14	667.5	407.7	2.57	14	596.3	368.8	2.62	**2.60**
09551	13	15	687.0	431.1	2.69	12	536.2	336.6	2.69	**2.69**
09552	13	15	718.6	451.3	2.69	12	517.9	324.5	2.68	**2.68**
09553	13	8	378.2	236.5	2.67	12	532.3	332.1	2.66	**2.67**
09554	13	10	490.4	307.6	2.68	15	716.1	449.5	2.69	**2.69**
09555	13	7	297.4	190.5	2.78	10	383.8	244.4	2.75	**2.77**
09556	13	10	475.7	302.9	2.75	14	672.0	432.2	2.80	**2.78**
09557	13	12	518.1	307.1	2.46	14	585.0	348.3	2.47	**2.46**
09558	13	16	605.8	363.4	2.50	16	649.1	388.1	2.49	**2.49**
09559	13	12	434.2	258.3	2.47	17	734.8	445.8	2.54	**2.51**
09560	13	12	509.1	295.0	2.38	14	588.1	344.1	2.41	**2.40**
09561	13	10	441.7	265.9	2.51	11	495.8	298.5	2.51	**2.51**
09562	13	14	585.5	346.6	2.45	8	329.5	188.7	2.34	**2.40**
09563	13	12	544.6	334.2	2.59	12	498.1	306.4	2.60	**2.59**
09564	13	10	493.6	319.4	2.84	11	491.1	313.1	2.76	**2.80**
09565	13	10	387.4	242.2	2.67	12	526.5	327.3	2.64	**2.66**
09566	13	12	465.4	286.6	2.60	11	434.4	259.5	2.49	**2.54**
09567	13	18	766.7	472.4	2.61	13	573.6	355.2	2.63	**2.62**
09568	13	7	289.3	168.4	2.39	17	687.9	414.2	2.51	**2.45**
09569	13	9	377.9	227.4	2.51	7	256.9	151.4	2.44	**2.47**
09570	13	9	415.2	257.9	2.64	10	509.6	318.3	2.67	**2.65**
09571	13	14	527.0	322.0	2.57	1 sample only				**2.57**
09572	13	16	652.9	404.5	2.63	15	671.0	417.3	2.65	**2.64**
09573	13	7	299.7	188.2	2.69	10	449.9	280.4	2.66	**2.67**
09574	13	8	372.6	233.3	2.68	8	392.0	246.1	2.69	**2.68**
09575	13	10	398.2	244.8	2.60	7	293.8	180.5	2.59	**2.60**
09576	11	12	565.6	352.7	2.66	14	441.8	276.2	2.67	**2.66**
09577	11	8	380.0	236.8	2.65	9	411.9	256.7	2.66	**2.65**
09578	11	9	418.3	260.3	2.65	11	559.1	348.2	2.65	**2.65**
09579	11	9	401.5	249.3	2.64	10	444.3	276.5	2.65	**2.64**
09580	11	15	691.0	429.9	2.65	12	497.7	310.8	2.66	**2.66**
09581	11	9	377.2	235.2	2.66	8	398.3	249.3	2.67	**2.67**
09582	11	8	407.3	254.3	2.66	7	361.5	227.7	2.70	**2.68**
09583	11	13	559.7	348.4	2.65	10	480.4	298.8	2.65	**2.65**
09584	11	12	578.7	370.1	2.78	10	432.5	276.1	2.77	**2.77**
09585	11	9	442.2	285.0	2.81	10	458.0	292.8	2.77	**2.79**

CME

DENSITY TEST SHEET

Project Name: Skukum	Project No: P56D	Date: 10/31/03
Tested By: TV	Core Size: NQ	Hole No: GG03-2

DENSITY

Sample No.	Water (deg. C)	Test No. 1				Test No. 2				Avg. Density
		Length (cm)	Dry Wt. (g)	Wet Wt. (g)	S.G.	Length (cm)	Dry Wt. (g)	Wet Wt. (g)	S.G.	
09586	11	12	580.5	371.8	2.78	8	364.0	231.9	2.76	2.77
09587	11	12	566.8	354.1	2.67	8	332.0	206.0	2.64	2.65
09588	11	10	428.8	272.4	2.74	8	376.3	239.0	2.74	2.74
09589	11	10	526.6	337.2	2.78	9	442.8	283.4	2.78	2.78
09590	11	12	559.8	357.5	2.77	8	422.6	272.0	2.81	2.79
09591	11	7	349.8	216.9	2.63	8	374.1	228.6	2.57	2.60
09592	11	12	535.4	337.8	2.71	9	384.1	242.4	2.71	2.71
09593	11	10	489.4	306.2	2.67	10	510.0	318.9	2.67	2.67
09594	11	16	709.8	445.0	2.68	10	454.4	284.4	2.67	2.68
09595	12	7	344.9	216.9	2.70	14	616.4	386.5	2.68	2.69
09596	12	15	660.8	414.1	2.68	10	461.6	288.8	2.67	2.68
09597	12	13	578.4	360.8	2.66	9	375.3	235.5	2.69	2.67
09598	12	14	626.2	393.5	2.69	9	383.5	241.5	2.70	2.70
09601	12	10	381.8	238.6	2.67	9	425.0	263.1	2.63	2.65
09602	12	11	499.6	313.0	2.68	9	407.7	255.1	2.67	2.68
09603	12	11	457.9	287.4	2.69	9	445.1	279.6	2.69	2.69
09604	12	13	626.1	391.9	2.67	10	445.8	277.5	2.65	2.66
09605	12	7	291.0	182.4	2.68	13	564.1	353.3	2.68	2.68
09606	12	8	375.7	235.6	2.68	10	468.3	293.7	2.68	2.68
09607	12	8	420.0	263.1	2.68	12	569.4	354.8	2.65	2.67
09608	12	9	379.1	239.3	2.71	10	500.6	315.3	2.70	2.71
09609	12	11	444.1	277.3	2.66	10	479.9	301.1	2.69	2.67
09610	12	10	509.9	321.2	2.70	8	422.6	265.7	2.69	2.70
09611	12	12	602.0	372.9	2.63	14	537.7	333.0	2.63	2.63
09612	12	12	545.5	339.8	2.65	10	425.8	265.2	2.65	2.65
09613	12	13	568.6	354.9	2.66	14	584.1	363.7	2.65	2.66
09614	12	7	299.2	185.7	2.64	14	662.2	411.8	2.65	2.64
09615	12	12	544.0	337.8	2.64	15	705.4	438.1	2.64	2.64
09616	12	10	439.1	273.7	2.66	6	259.7	161.9	2.66	2.66
09617	12	10	442.5	277.8	2.69	10	466.2	292.1	2.68	2.68
09618	12	11	500.4	310.1	2.63	12	563.9	348.8	2.62	2.63
09619	12	8	356.8	221.9	2.65	10	490.4	307.8	2.69	2.67
09620	12	9	387.1	243.9	2.70	7	362.3	226.5	2.67	2.69
09621	12	12	536.5	331.7	2.62	8	363.0	227.5	2.68	2.65
09622	12	6	260.3	159.2	2.58	7	438.6	270.6	2.61	2.59
09623	12	15	628.3	396.7	2.71	7	309.2	193.3	2.67	2.69
09624	12	13	602.4	381.1	2.72	13	609.4	394.4	2.84	2.78

CME

DENSITY TEST SHEET

Project Name: Skukum	Project No: P56D	Date: 10/31/03
Tested By: TV	Core Size: NQ	Hole No: GG03-2

DENSITY

Sample No.	Water (deg. C)	Test No. 1				Test No. 2				Avg. Density
		Length (cm)	Dry Wt. (g)	Wet Wt. (g)	S.G.	Length (cm)	Dry Wt. (g)	Wet Wt. (g)	S.G.	
09625	12	15	675.9	427.5	2.72	12	533.8	337.5	2.72	2.72
09626	12	8	388.0	243.6	2.69	8	375.5	234.0	2.66	2.67
09627	12	9	404.9	252.2	2.65	7	296.1	185.6	2.68	2.67
09628	12	16	758.0	486.9	2.80	16	758.8	486.2	2.78	2.79
09629	12	10	456.8	285.2	2.66	8	360.2	225.6	2.68	2.67
09630	12	9	376.2	236.0	2.68	9	428.2	272.9	2.76	2.72
09631	10	10	374.4	235.5	2.70	12	538.7	338.8	2.70	2.70
09632	10	5	189.8	122.3	2.81	12	490.6	309.4	2.71	2.76
09633	10	12	538.5	340.4	2.72	10	398.3	250.1	2.69	2.70
09634	10	10	452.7	283.9	2.68	8	402.5	254.2	2.71	2.70
09635	10	11	531.7	335.7	2.71	10	443.0	279.0	2.70	2.71
09636	10	18	826.5	536.5	2.85	17	810.6	521.2	2.80	2.83
09637	10	11	538.8	340.6	2.72	9	389.2	245.8	2.71	2.72
09638	10	9	478.0	300.5	2.69	12	540.3	341.1	2.71	2.70
09639	10	11	516.8	336.0	2.86	12	554.9	350.0	2.71	2.78
09640	10	16	621.5	390.7	2.69	12	521.9	329.3	2.71	2.70
09641	10	14	610.4	384.8	2.71	8	374.5	236.7	2.72	2.71
09642	10	13	610.4	385.1	2.71	15	682.0	431.2	2.72	2.72
09643	10	14	689.0	436.0	2.72	8	345.3	217.3	2.70	2.71
09644	10	10	439.7	279.8	2.75	14	687.4	441.2	2.79	2.77
09645	10	7	321.1	205.3	2.77	7	310.6	197.3	2.74	2.76
09646	10	15	765.1	487.6	2.76	14	647.7	412.2	2.75	2.75
09647	10	10	439.6	277.0	2.70	13	592.8	375.2	2.73	2.71
09648	11	13	621.6	396.0	2.76	12	592.3	377.2	2.75	2.76
09751	11	10	495.4	315.3	2.75	13	596.3	373.4	2.68	2.71
09752	11	12	548.2	347.0	2.73	15	661.0	420.6	2.75	2.74
09753	11	10	449.0	258.9	2.36	9	397.9	252.7	2.74	2.55
09754	11	12	449.4	283.8	2.71	10	462.4	292.3	2.72	2.72
09755	11	13	640.4	404.4	2.71	8	325.4	202.6	2.65	2.68
09756	11	8	401.9	253.7	2.71	10	419.9	265.9	2.73	2.72
09757	11	16	677.7	429.7	2.73	11	528.7	335.2	2.73	2.73
09758	11	6	297.2	188.9	2.75	14	648.4	411.3	2.74	2.74
09759	11	10	431.0	273.1	2.73	10	431.0	271.5	2.70	2.72
09760	11	10	441.7	279.2	2.72	9	426.8	269.7	2.72	2.72
09761	11	12	547.4	344.1	2.69	10	446.5	283.5	2.74	2.72
09762	11	10	451.9	286.2	2.73	14	683.4	434.4	2.75	2.74
09763	11	12	625.0	404.3	2.83	9	473.9	306.2	2.83	2.83

CME

DENSITY TEST SHEET

Project Name: Skukum	Project No: P56D	Date: 10/31/03
Tested By: TV	Core Size: NQ	Hole No: GG03-2

DENSITY

Sample No.	Water (deg. C)	Test No. 1				Test No. 2				Avg. Density
		Length (cm)	Dry Wt. (g)	Wet Wt. (g)	S.G.	Length (cm)	Dry Wt. (g)	Wet Wt. (g)	S.G.	
09764	11	10	463.9	297.7	2.79	12	567.6	365.0	2.80	**2.80**
09765	11	13	600.5	384.2	2.78	8	383.5	245.9	2.79	**2.78**
09766	11	8	387.3	246.0	2.74	10	486.4	307.8	2.72	**2.73**
09767	11	15	678.5	434.9	2.79	13	632.9	403.3	2.76	**2.77**
09768	11	10	456.7	294.9	2.82	9	377.9	244.3	2.83	**2.83**
09769	11	7	268.4	169.7	2.72	9	405.9	256.3	2.71	**2.72**
09770	11	12	535.3	337.2	2.70	16	714.3	446.4	2.67	**2.69**
09771	11	5	238.1	153.8	2.83	12	645.4	416.9	2.83	**2.83**
09772	11	8	357.2	226.1	2.73	11	515.2	324.7	2.71	**2.72**
09773	11	12	539.6	340.7	2.71	9	445.4	280.9	2.71	**2.71**
09774	11	12	488.3	311.5	2.76	10	483.2	306.2	2.73	**2.75**
09775	11	10	490.0	311.5	2.75	11	584.8	380.3	2.86	**2.80**
09776	11	8	377.5	238.1	2.71	12	572.6	360.4	2.70	**2.70**
09777	11	8	388.9	245.0	2.70	12	613.5	388.0	2.72	**2.71**
09778	11	10	426.3	273.4	2.79	12	582.1	375.8	2.82	**2.81**
09779	11	7	276.5	175.1	2.73	11	523.1	332.0	2.74	**2.73**
09780	11	10	457.8	291.4	2.75	12	550.4	346.5	2.70	**2.73**
09781	11	13	600.2	378.3	2.71	8	364.6	229.2	2.69	**2.70**
09782	11	15	707.2	449.1	2.74	11	505.9	317.4	2.68	**2.71**
09783	11	12	475.8	299.0	2.69	16	697.4	439.3	2.70	**2.70**
09784	11	8	410.5	258.9	2.71	12	574.5	360.5	2.69	**2.70**
09785	11	12	537.8	338.5	2.70	10	459.5	290.7	2.72	**2.71**
09786	11	13	633.1	397.5	2.69	13	587.6	371.9	2.73	**2.71**
09787	11	12	478.3	302.1	2.72	13	664.2	417.7	2.70	**2.71**
09788	11	10	481.1	304.1	2.72	11	455.0	288.0	2.73	**2.72**
09789	11	10	403.1	252.0	2.67	6	306.9	193.8	2.71	**2.69**
09790	11	11	558.6	364.3	2.88	7	356.3	231.4	2.85	**2.86**
09791	11	13	662.8	417.5	2.70	10	482.2	302.2	2.68	**2.69**
09792	11	10	433.3	272.5	2.70	10	493.2	308.4	2.67	**2.68**
09793	11	8	392.8	241.7	2.60	10	471.3	292.1	2.63	**2.62**
09794	11	9	436.8	276.5	2.73	12	575.2	360.7	2.68	**2.70**
09795	11	12	530.4	334.1	2.70	10	438.8	275.7	2.69	**2.70**
09796	11	9	440.4	278.1	2.71	8	373.8	235.3	2.70	**2.71**
09797	11	10	455.7	286.7	2.70	13	588.2	373.2	2.74	**2.72**
09798	11	16	778.3	487.1	2.67	11	541.1	339.2	2.68	**2.68**
09799	11	12	559.2	347.8	2.65	11	518.3	324.9	2.68	**2.66**
09800	11	10	488.9	306.6	2.68	6	297.1	187.9	2.72	**2.70**

APPENDIX VII

STATEMENT OF COSTS

CME

STATEMENT OF COSTS

POP, MOM, TECH, STEN, GLEE, MB, BERG, MIL, TM claims

Personnel (CME Consulting Ltd.)

Barry Way	12 days @ $404/day	$4,848
Ted VanderWart	12 days @ $255/day	$3,060

Disbursement Costs

Diamond Drilling (E. Caron Diamond Drilling) Invoice #3910	$42,578
Analytical Laboratory (Eco-Tech Laboratory Ltd.) Invoices: AK 03-475, 661, 638, 637, 530, 543, 544, 601, 614, 626, 496, 514, 520, 473, 475, 472, 595, 569, 515, 396A, 506, 497, 449, 459.	$20,896
Camp Catering (Cando International Food Consultants)	$14,005
TOTAL:	**$85,387**

KUKU, PUP, MEK, CL claims

Personnel (CME Consulting Ltd.)

Larry Mireku	14 days @ $255/day	$3,570
Ted VanderWart	3 days @ $255/day	$765

Disbursement Costs

Camp Catering (Cando International Food Consultants)	$876
TOTAL:	**$5,211**

Full documentation of expenses can be supplied upon request.

CME

STATEMENT OF COSTS

POP, MOM, TECH, STEN, GLEE, MB, BERG, MIL, TM claims

Personnel (CME Consulting Ltd.)	$7,908
Disbursement Costs	
Diamond Drilling (E. Caron Diamond Drilling)	$42,578
Analytical Laboratory (Eco-Tech Laboratory Ltd.)	$20,896
Camp Catering (Cando International Food Consultants)	$14,005
TOTAL:	**$85,387**

KUKU, PUP, MEK, CL claims

Personnel (CME Consulting Ltd.)	$4,335
Disbursement Costs	
Camp Catering (Cando International Food Consultants)	$876
TOTAL:	**$5,211**

Full documentation of expenses can be supplied upon request.