BRITISH COLUMBIA

Ministry of Energy & Mines
Energy & Minerals Division
Geological Survey Branch

ASSESSMENT REPORT
TITLE PAGE AND SUMMARY

TITLE OF REPORT [type of survey(s)]	TOTAL COST
Diamond Drilling	$ 189,427

AUTHOR(S) Lesley C. Hunt SIGNATURE(S) Lesley C. Hunt

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S) 07-0100011-0722 YEAR OF WORK 2007

STATEMENT OF WORK - CASH PAYMENT EVENT NUMBER(S)/DATE(S) 4167853

PROPERTY NAME Taurus Property

CLAIM NAME(S) (on which work was done)
Mack #3 (226144), Hopefull #2 (226147)

COMMODITIES SOUGHT Gold

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN 104P 012

MINING DIVISION Liard NTS 104P/5

LATITUDE 59 ° 17 ' " LONGITUDE 129 ° 42 ' " (at centre of work)

OWNER(S)

1) American Bonanza Gold Corp.. 2)

MAILING ADDRESS
675 West Hastings Street, Ste. 305
Vancouver, BC, V6B 1N2

OPERATOR(S) [who paid for the work]

1) Cusac Gold Mines Ltd. 2)

MAILING ADDRESS
1600/409 Granville St
Vancouver, BC, V6C 1T2

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):
Jurassic, Triassic, Late Paleozoic, Sylvester Allocthon, Pyritized Carbonitized metabalsalts hosting quartz vein and stringers disseminated gold, shear hosted gold, Mesothermal Quartz vein systems, jasperoidal basalts, Greenschist, oceanic rocks thrust over autochthonous North American sediments. Strike 070, Dips steeply north & south greenstones, pillow metabasalts, serpentinite, fuschitic listwanites and argillites, quartz vein breccias, thrust faulting

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS 5628, 5887, 6125, 6641, 7501, 7601, 7816, 9116, 11074, 14491, 21548, 21549, 21550.

(OVER)

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping			
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for ...)			
Soil			
Silt			
Rock			
Other			
DRILLING (total metres; number of holes, size)			
Core	953.12 m HQ	Mack #3, Hopefull #2	$ 157,452.00
Non-core			
RELATED TECHNICAL			
Sampling/assaying	746 Core Samples	Mack #3, Hopefull #2	$ 31,795.00
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATORY/PHYSICAL			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other			
		TOTAL COST	**$189,427.00**

Diamond Drilling Report

on the

Taurus Property

(Mack #3, Tenure No. 226144 & Hopefull #2, Tenure No. 226147)

Claims Optioned from American Bonanza Gold Corporation

Liard Mining Division
N.T.S. 104P/5
Latitude 59” 17’ N
Longitude 129’ 42’ W

For:

Cusac Gold Mines Ltd.
Ste. 1600 – 409 Granville St.
Vancouver, B.C. V6C 1T2

November 30, 2007

By: Lesley C. Hunt, BSc.
VPExploration
Cusac Gold Mines Ltd

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SUMMARY

This report documents a portion of the diamond drilling program conducted from June 19th to July 17th of 2007 on the Taurus Property in the Cassiar Gold Camp, northern British Columbia by Cusac Gold Mines Ltd..
The property has year round paved road access and consists of 46 mineral claims covering 9.8km^2. Cusac Gold Mines concluded an agreement with American Bonanza Gold Corp. (the owner) to earn a possible 100% interest in the property subject to staged payments and a 2.5% NSR on ten mineral claims.

The property is located in the Sylvester Allochthon composed of Devonian to Triassic age subaqueous volcanic, sedimentary and ultramafic rocks juxtaposed in several thrust sheets. Gold mineralization at Taurus has many features in common with ophiolite related gold-quartz vein systems in other major gold camps in the Western Cordillera including Wells-Barkerville, Bralorne and Mother Lode.

There are several known easterly trending gold zones on the property including the past producing Taurus Mine (1981-1988). The property features broad zones of carbonate altered pillowed to massive basalts that host swarms of steeply northerly dipping quartz veins. The wall rock of these veins contain abundant disseminated, coarse grained, sub to euhedral pyrite. These zones of pyritized altered basalts containing 5% or more quartz veining are called **T4**. The zones of pyritized / altered basalts containing less than 5% quartz veining are called **T4A**. Another less common style of gold mineralization is called **T3** and features abundant very fine to fine grained disseminated pyrite and pervasive sericite and ankerite often seen with shear related banding. T3 mineralization is predominantly seen in the Highway and Taurus West areas.

Previous gold exploration including underground development in three workings, the Taurus Mine, Plaza and Sable has taken place on the property. Large exploration drill programs in the early 1990's, pre-1995, largely focused on higher grade (>6 g/t) gold potential associated with larger penetrative quartz vein systems within T4 mineralized zones.

Exploration by Cyprus Canada Inc. in 1995 - 1996 followed by International Taurus and Cusac Gold Mines have investigated the low-grade (l-3 g/t) bulk-tonnage gold potential of the larger T4 zones such as 88 Hill. Several resource calculations have been documented, most recently 32,386,000 tonnes grading 1.0 g/t gold in 2007 by Wardrop Engineering Inc. ("Wardrop").

In recent reporting, numerous authors have noted that the most current database previous to 2007 was incomplete. Core logging was in some cases, hastily done, there is data missing, there is core missing. No correlation between the numerous geological legends as well as the various grids and various navigational systems that have been introduced over the years had been attempted. Cusac has now incorporated many reports, databases and maps into one database. The 2007 Taurus Gemcom diamond drilling database is the most complete and accurate to date.

In 2006, Cusac Gold Mines conducted a Lidar (Light Detection and Ranging) survey covering 138.5 km^2 over the Table Mountain Property (wholly owned by Cusac) and the Taurus Property (owned by both Bonanza and Cusac). This survey produces a bare earth image with extremely high resolution and will be quite useful in future exploration.

The main objective of the drilling was to increase the confidence level of the inferred resource in the 88Hill zone of the Taurus Deposit and to increase the geological understanding of the gold distribution throughout the area.

Total program costs for the six diamond drill holes, 07TC-01 to 07TC-06 were **$ 189,427.**

The results of the 2007 exploration program were encouraging, demonstrating that there is good solid continuity of grade and structure between historical drill holes. The re-logging of the T3 mineralization in the 88Hill area indicated that these zones were mis-logged and in fact the previously noted T3 mineralization in the 88 Hill zone is T4 or T4A. With respect to current metallurgical data this is positive news because to date, the metallurgical understanding of the two ore types at Taurus reveals that the T3 ore may be refractory and the T4 and T4A ores return a much higher percentage of gold through conventional gravity float processing.

Preliminary geological modeling is currently underway. The 2007 drilling program will help to understand the structural controls on gold mineralization which to date are not clear. Structures appear to be consistent throughout the mineralized zones including several sets of pre to post-mineral faults of various orientations.

The Taurus Property has excellent gold potential with a variety of targets. Further exploration is strongly recommended, future work should include infill drilling diamond drilling to achieve a 25 meter spacing between target zones, continuing infill sampling in historical drill holes and continued compilation work and technical studies including further metallurgical studies to determine more accurately, the different types of ore in the deposit.

1.0 INTRODUCTION

This report presents the results of six drill holes of a diamond drilling program completed on the Taurus property by Cusac Gold Mines Ltd. during June and July 2007. This program was supervised by Lesley Hunt, VP Exploration, and Mike Glover, Senior Project Manager both of Cusac Gold Mines Ltd. and was financed by Cusac Gold Mines Ltd., whose head office is at Ste. 1600 - 409 Granville St., Vancouver, BC, V6C 1T2.

Total applicable exploration expenses on the Taurus Property during this phase of 2007 exploration program amounted to $189,247.00.

The main objectives of the 2007 exploration program were bifold however interrelated. Firstly objectives of the diamond drilling program on 88 Hill which consisted of six HQ drill holes **totaling 953.12 meters**, was designed to confirm structure and grade continuity between historic drill holes in the 88 Hill area. Previous drilling had been designed to explore the deposit at 50 meter spacing and the 2007 drill program drilled the target to reduce the intersection spacing of the mineralization to 25 meters.
In order to properly advance the geological model of the Taurus deposit it was imperative to improve the status of the current Taurus Property database. This was done by compiling all of the known exploration results to date into one database. This included compiling historical drill logs and all known exploration reports. This also included the re-logging of historical drill core where data was either missing or incomplete and infill sampling of historical drill core where previous programs targeting high-grade quartz veins had only sampled vein material. As well, a correlation of the numerous geological legends, grids and navigational systems used over the years was completed, and using new topographical data from the recent Lidar survey, the relocation of drill collars to more accurate elevations was completed.

The objectives of the 2007 work program was to obtain a solid database which will lead to a more confident and higher level geological understanding of the deposit and to potentially raise the current resource category at 88 Hill from an inferred resource to indicated resource hence advancing the deposit towards a prefeasibility study.

This assessment report covers six drill holes, 07TC-01 to 07TC-06 which are all located on American Bonanza Gold Corp.'s claims.

Much of the background data in the following sections 1.1, 1.2, and1.4 has been taken from an assessment report written by Ronald Wells, now deceased, titled Geological, Geochemical and Interpretive Report dated August 23, 2003 for Navasota Resources Ltd.


YUKON TERRITORIES
ALASKA
WHITEHORSE
WATSON LAKE
ALASKA HWY
Taurus Property
ALASKA HWY
HWY 37 N
ALBERTA
N
STEWART
PRINCE GEORGE
PACIFIC OCEAN
VANCOUVER
CUSAC GOLD MINES LTD
Taurus Property
Figure 1
Regional Location
Drawn By: Lesley Hunt
Date: November 2007

1.1 LOCATION, ACCESS AND INFRASTRUCTURE

The Taurus Property covers approximately 980 hectares located in the Liard Mining Division located in north-central British Columbia, approximately 8 kilometers east of the former townsite of Cassiar, B.C., 117 kilometers north of Dease Lake, B.C., and 141 kilometers south of Watson Lake, Yukon Territory, (Figure 1). The property is located on NTS map sheet 104P05E and BCGS map sheet 104PO22, at 59" 16' 28" latitude and 129" 41' 22" longitude, and UTM coordinates 6570815mN, 460706mE (UTM Zone 09 - NAD 83).

There is excellent paved road access to the property. Heading west from the Stewart-Cassiar Highway 37 - 1km north of Jade City, the Cassiar Highway (not to be confused with the Stewart-Cassiar Highway) bisects the property and lies proximal to several of the known gold zones. From here, numerous old mine access and exploration roads to the north and south yield excellent vehicle access to most areas. Previous mining activities on the property in the 1980's and 1990,s have left several buildings on the property one of which was used for a core logging shack during the 2007 summer exploration program.

Most general supplies and services are available in Watson Lake, and limited supplies are available in Dease Lake. Commercial air service is available to Dease Lake by Northern Thunderbird Air (NTAir) and charter air service is available to Watson Lake. The Cassiar airstrip is available for use by charter aircraft. The nearest major centers are Whitehorse, Yukon, approximately 560 kilometers to the northwest, and Smithers, B.C., almost 720 kilometers south.

There is a small but highly skilled population base in the area, however most personnel for a new mining operation would have to be brought in from elsewhere.

The town of Cassiar has been sold and only a few residents (10) remain in the nearby townsite of Jade City. Power for the region was historically and will in the future have to be provided by privately owned diesel generators, unless the B.C. Hydro grid is extended north. There are numerous creeks in the property area that have sufficient year-round flow for any exploration or mining operation. The property itself affords space for the development of tailings storage areas, waste disposal sites, heap leach pads, if required, and expanded processing facilities.

1.2 PHYSIOGRAPHY

The Taurus Property is located at the confluence of Quartzrock and Troutline Creeks which then drain east into McDame Creek. Troutline Creek forms a broad westerly trending valley, its floor up to two kilometers wide features swampy areas separated by low hills with elevations between 1,000 and 1,200 meters. The two creeks are deeply incised in the Wings Canyon-confluence area with vertical cliffs and rapids. To the north and south the valley slopes rise steeply to local peaks over 2,000 meters in elevation. Vegetation consists of forests of jackpine, lodgepole pine, black spruce, and poplar thinning to buckbrush and alpine meadows above treeline at 1,400 meters.

Previous mining and exploration activities on the property have resulted in patchy cleared areas that have been both naturally reclaimed and professionally seeded.
Daily mean temperatures recorded at Jade City,, range from –20°C in January to +15°C in July. Snowfall between October and May has total accumulation of 227 centimeters.

1.3 PROPERTY

Table 1 below lists the 46 mineral claims comprising the Taurus property. Cusac Gold Mines Ltd. holds, except for a 2.5% Net Smelter Return (NSR) in effect for the ten claims noted, a 100% undivided right to gain the title and interest in all of the Taurus claims free and clear of all encumbrances and royalties. The ten claims marked with an asterisk (*) in Table 1 are subject to a 2.5% NSR royalty in favor of Sable Resources Ltd. of Vancouver.

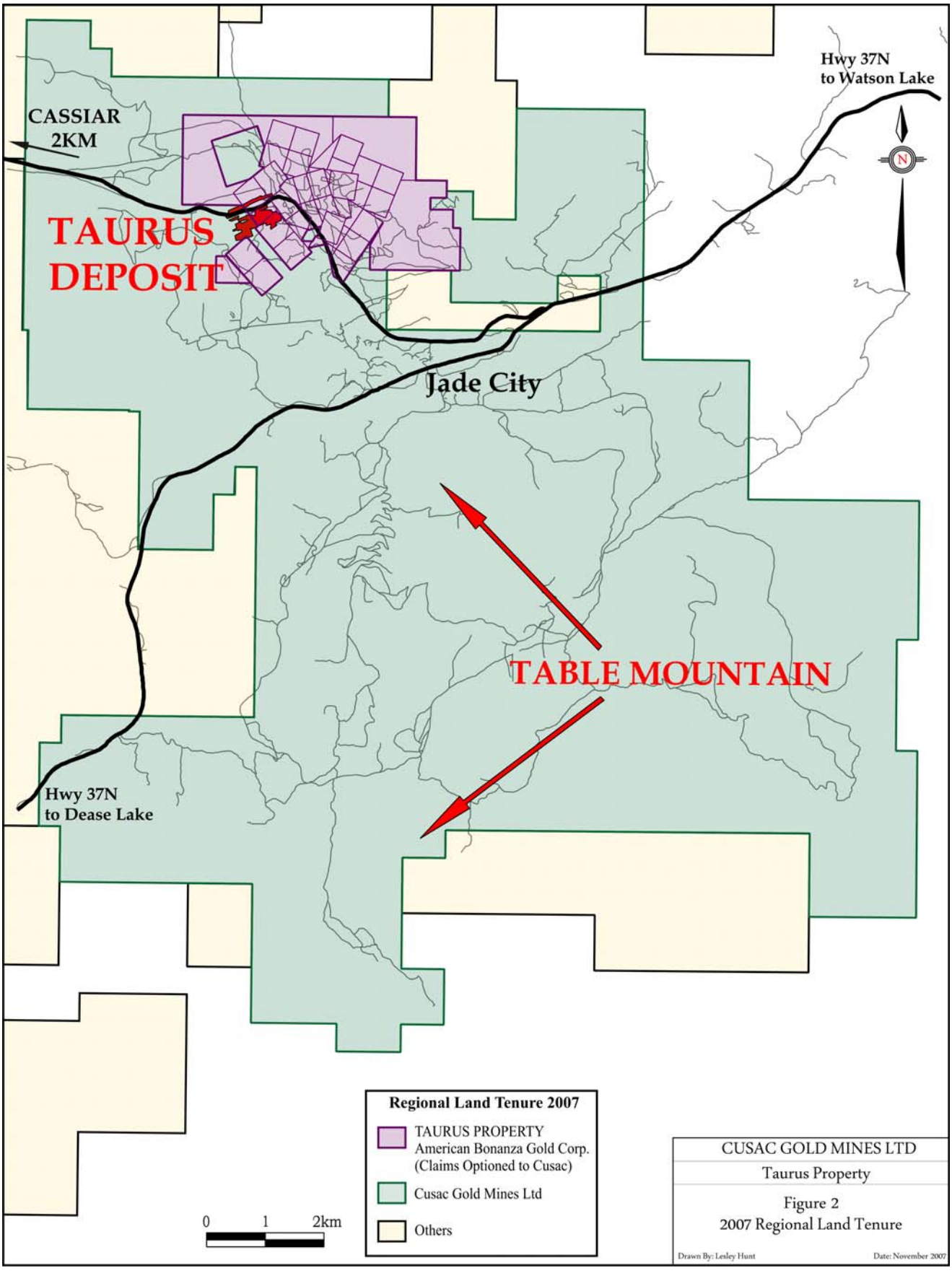
Figure 2 shows the Taurus claims and property outline with respect to surrounding claims and the Table Mountain Property owned by Cusac and others. Figure 3 shows the detailed location of the Taurus claims with respect to the exploration zones.

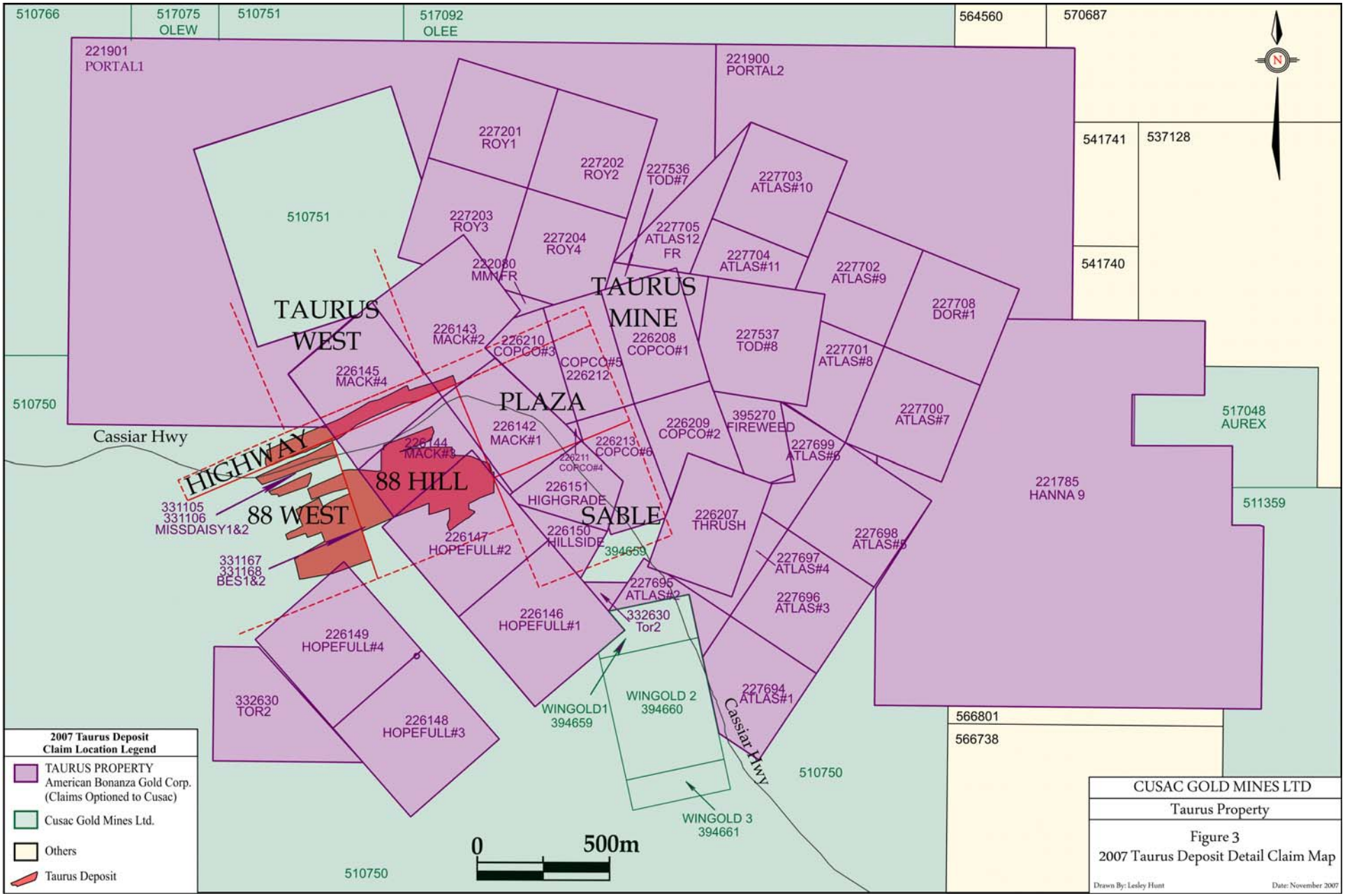
In 1995, Cyprus Canada contracted Ivan Royan, British Columbia Land Surveyor, of Underhill and Underhill to complete a survey of the Taurus claims, to determine if any fractions existed between claims and to resolve which claims had precedence. According to Broughton and Masson (1996), this work resolved location and precedence issues and allowed Cyprus Canada to stake apparent open ground. As a result, some discrepancies exist between claim locations from the legal survey and those on the Ministry of Energy and Mines website (MTO). Figures 2 and 3 use the MTO claim locations because as of January 2008 all claim boundaries on the MTO web site are accepted as final claim boundary locations.
Placer claims exist along both Quartzrock and Troutline Creeks within the Taurus property boundary. Surface tenures also overlap the Taurus property, but no title search has been done to date.

Tailings are located in two locations in the same drainage area about 600 meters immediately east of the Taurus Mine workings. The flotation tailings are primarily quartz with carbonate and hence are quite inert. For the last two years of its operation, the Taurus mine leached flotation concentrate on site. The leach tailings were treated using the INCO SO2 method of cyanide destruction and were buried within the Phase I tailing impoundment. The mine and mill site were reclaimed after closure to the satisfaction of the Province and a $10,000 bond remains in place to facilitate any required future reclamation. Water quality monitoring of various discharges has been discontinued with effluent being deemed acceptable from all discharge locations by provincial authorities. An additional $25,000 bond is in place to cover the reclamation costs of current exploration programs. Permits are required from the provincial government prior to exploration programs. As a relatively recent past producer there should not be any major hindrances to development from a permitting perspective.

Tenure Number	Tenure Type	Claim Name	Owner	Map Number	Good To Date	Status	Mining Division	Area	Tag Number
221785	Mineral	HANNA 9	202171 (100%)	104P022	2009/sep/11	GOOD	LIARD	225.0	19067
221900	Mineral	PORTAL 2	202171 (100%)	104P022	2009/sep/11	GOOD	LIARD	225.0	41466
221901	Mineral	PORTAL 1	202171 (100%)	104P022	2009/sep/11	GOOD	LIARD	375.0	41465
222080	Mineral	MM 1 FR.	202171 (100%)	104P022	2009/sep/11	GOOD	LIARD	25.0	41467
226142 *	Mineral	MACK #1	202171 (100%)	104P022	2009/sep/11	GOOD	LIARD	25.0	2599
226143 *	Mineral	MACK #2	202171 (100%)	104P022	2009/sep/11	GOOD	LIARD	25.0	2600
226144 *	Mineral	MACK #3	202171 (100%)	104P022	2009/sep/11	GOOD	LIARD	25.0	2601
226145 *	Mineral	MACK #4	202171 (100%)	104P022	2009/sep/11	GOOD	LIARD	25.0	2602
226146 *	Mineral	HOPEFULL #1	202171 (100%)	104P022	2009/sep/11	GOOD	LIARD	25.0	2607
226147 *	Mineral	HOPEFULL #2	202171 (100%)	104P022	2009/sep/11	GOOD	LIARD	25.0	2608
226148 *	Mineral	HOPEFULL #3	202171 (100%)	104P022	2008/sep/11	GOOD	LIARD	25.0	2609
226149 *	Mineral	HOPEFULL #4	202171 (100%)	104P022	2008/sep/11	GOOD	LIARD	25.0	2610
226150 *	Mineral	HILLSIDE	202171 (100%)	104P022	2009/sep/11	GOOD	LIARD	25.0	2633
226151 *	Mineral	HIGHGRADE	202171 (100%)	104P022	2009/sep/11	GOOD	LIARD	25.0	2630
226207	Mineral	THRUSH	202171 (100%)	104P022	2009/sep/11	GOOD	LIARD	25.0	241446
226208	Mineral	COPCO #1	202171 (100%)	104P022	2009/sep/11	GOOD	LIARD	25.0	355002
226209	Mineral	COPCO #2	202171 (100%)	104P022	2009/sep/11	GOOD	LIARD	25.0	355003
226210	Mineral	COPCO #3	202171 (100%)	104P022	2009/sep/11	GOOD	LIARD	25.0	355006
226211	Mineral	COPCO #4	202171 (100%)	104P022	2009/sep/11	GOOD	LIARD	25.0	355007
226212	Mineral	COPCO #5	202171 (100%)	104P022	2009/sep/11	GOOD	LIARD	25.0	355004
226213	Mineral	COPCO #6	202171 (100%)	104P022	2009/sep/11	GOOD	LIARD	25.0	355005
227201	Mineral	ROY 1	202171 (100%)	104P022	2009/sep/11	GOOD	LIARD	25.0	148039M
227202	Mineral	ROY 2	202171 (100%)	104P022	2009/sep/11	GOOD	LIARD	25.0	148040M
227203	Mineral	ROY 3	202171 (100%)	104P022	2009/sep/11	GOOD	LIARD	25.0	148041M
227204	Mineral	ROY 4	202171 (100%)	104P022	2009/sep/11	GOOD	LIARD	25.0	148042M
227536	Mineral	TOD #7	202171 (100%)	104P022	2009/sep/11	GOOD	LIARD	25.0	859986
227537	Mineral	TOD #8	202171 (100%)	104P022	2009/sep/11	GOOD	LIARD	25.0	859987
227694	Mineral	ATLAS #1	202171 (100%)	104P022	2009/sep/11	GOOD	LIARD	25.0	431545M
227695	Mineral	ATLAS #2	202171 (100%)	104P022	2009/sep/11	GOOD	LIARD	25.0	431546M
227696	Mineral	ATLAS #3	202171 (100%)	104P022	2009/sep/11	GOOD	LIARD	25.0	431547M
227697	Mineral	ATLAS #4	202171 (100%)	104P022	2009/sep/11	GOOD	LIARD	25.0	431548M
227698	Mineral	ATLAS #5	202171 (100%)	104P022	2009/sep/11	GOOD	LIARD	25.0	431549M
227699	Mineral	ATLAS #6	202171 (100%)	104P022	2009/sep/11	GOOD	LIARD	25.0	431550M
227700	Mineral	ATLAS #7	202171 (100%)	104P022	2009/sep/11	GOOD	LIARD	25.0	431551M
227701	Mineral	ATLAS #8	202171 (100%)	104P022	2009/sep/11	GOOD	LIARD	25.0	431552M
227702	Mineral	ATLAS #9	202171 (100%)	104P022	2009/sep/11	GOOD	LIARD	25.0	431553M
227703	Mineral	ATLAS #10	202171 (100%)	104P022	2009/sep/11	GOOD	LIARD	25.0	431554M
227704	Mineral	ATLAS #11	202171 (100%)	104P022	2009/sep/11	GOOD	LIARD	25.0	431555M
227705	Mineral	ATLAS #12 FR	202171 (100%)	104P022	2009/sep/11	GOOD	LIARD	25.0	431556M
227708	Mineral	DOR #1	202171 (100%)	104P022	2009/sep/11	GOOD	LIARD	25.0	372824M
331105	Mineral	MISS DAISY 1	202171 (100%)	104P022	2009/sep/11	GOOD	LIARD	25.0	658604M
331106	Mineral	MISS DAISY 2	202171 (100%)	104P022	2009/sep/11	GOOD	LIARD	25.0	658603M
331167	Mineral	BES 1	202171 (100%)	104P022	2008/sep/11	GOOD	LIARD	25.0	658606M
331168	Mineral	BES 2	202171 (100%)	104P022	2009/sep/11	GOOD	LIARD	25.0	658607M
332630	Mineral	TOR 2	202171 (100%)	104P022	2009/sep/11	GOOD	LIARD	450.0	120591
395270	Mineral	FIREWEED	202171 (100%)	104P022	2009/sep/11	GOOD	LIARD	25.0	713665M

Table 1: CLAIM LIST - AMERICAN BONANZA GOLD CORP.


Hwy 37N
to Watson Lake
CASSIAR
2KM
TAURUS
DEPOSIT
Jade City
TABLE MOUNTAIN
Hwy 37N
to Dease Lake
N
Regional Land Tenure 2007
TAURUS PROPERTY
American Bonanza Gold Corp.
(Claims Optioned to Cusac)
Cusac Gold Mines Ltd
Others
0
1
2km
CUSAC GOLD MINES LTD
Taurus Property
Figure 2
2007 Regional Land Tenure
Drawn By: Lesley Hunt
Date: November 2007


510766
517075
OLEW
510751
517092
OLEE
564560
570687
221901
PORTAL1
221900
PORTAL2
227201
ROY1
227202
ROY2
227536
TOD#7
227703
ATLAS#10
541741
537128
510751
227203
ROY3
227204
ROY4
227705
ATLAS12
FR
227704
ATLAS#11
227702
ATLAS#9
541740
222080
MMFR
TAURUS
WEST
TAURUS
MINE
227708
DOR#1
226143
MACK#2
226210
COPCO#3
226208
COPCO#1
227537
TOD#8
227701
ATLAS#8
226145
MACK#4
COPCO#5
226212
510750
PLAZA
517048
AUREX
Cassiar Hwy
226142
MACK#1
226209
COPCO#2
395270
FIREWEED
227700
ATLAS#7
HIGHWAY
226144
MACK#3
226213
COPCO#6
227699
ATLAS#6
226211
COPCO#4
88 HILL
221785
HANNA 9
226151
HIGHGRADE
331105
331106
MISSDAISY1&2
88 WEST
SABLE
511359
226207
THRUSH
226150
HILLSIDE
227698
ATLAS#5
226147
HOPEFULL#2
394659
227697
ATLAS#4
331167
331168
BES1&2
227695
ATLAS#2
227696
ATLAS#3
332630
Tor2
226149
HOPEFULL#4
226146
HOPEFULL#1
227694
ATLAS#1
WINGOLD 2
394660
332630
TOR2
WINGOLD1
394659
566801
566738
226148
HOPEFULL#3
Cassiar Hwy
510750
WINGOLD 3
394661
0
500m
510750
2007 Taurus Deposit
Claim Location Legend
TAURUS PROPERTY
American Bonanza Gold Corp.
(Claims Optioned to Cusac)
Cusac Gold Mines Ltd.
Others
Taurus Deposit
CUSAC GOLD MINES LTD
Taurus Property
Figure 3
2007 Taurus Deposit Detail Claim Map
Drawn By: Lesley Hunt
Date: November 2007

1.4 EXPLORATION HISTORY

Pre-1988: The Cassiar area was first explored in 1874, resulting in the discovery of placer gold in McDame Creek. By 1895, 2.2 million grams had been produced. Gold-quartz veins were discovered in Troutline Creek in 1934, leading to the discovery of many more gold bearing veins that lead to the establishment of several small gold mining operations. The Taurus Mine was originally covered by seven claims of the Cornucopia Group staked by J.C. Simpson in 1935. Simpson carried out stripping, trenching and rock sampling until 1944. The following year, Benroy Gold Mines Ltd. optioned the property and completed more than 700 meters of trenching and 1500 meters of diamond drilling.

The claims were restaked in 1959 by Couture and Copeman who hand-mined 25 tons of high-grade ore from a short adit. In 1960, Cornucopia Explorations Ltd. was incorporated and acquired the property. The following year, Cornucopia changed names to Hanna Gold Mines Ltd. and proceeded with 1,180 meters of drifting and crosscutting, and 1,000 meters of diamond drilling. By the end of 1963 an "indicated reserve" of 72,500 tonnes grading 22.6 grams per tonne gold had been outlined (Gunning, 1987).

In 1964, Newconex Canadian Exploration Ltd. optioned the property and completed an additional 180 meters of drifting and crosscutting and 210 meters of drilling. In 1972, Hanna Gold Mines became Dorchester Resources Ltd., and rehabilitated and resampled the main 3600 level adit, and completed another 223 meters of underground diamond drilling between 1973 and 1975. In 1976, Dorchester Resources became Taurus Resources Ltd. In 1978, Ashlu Gold Mines Ltd. optioned the property and completed 7.2 kilometers of ground-based magnetometer and electromagnetic surveys. In 1979, United Hearne Resources Ltd. optioned the property and continued underground development and drilling, confirming a "reserve" of 60,000 tonnes grading 16.1 grams per tonne gold.

A 135 tonne per day mill was constructed at the Taurus Mine during 1980-81to treat 220,000 tonnes of ore, averaging 5.14 grams per tonne gold prior to closing in 1988. The Plaza and Sable underground workings, south of the Cassiar highway, were developed between 1980 and 1994 but with no recorded production.

1988 to 1994: In 1988, Sable Resources Ltd. conducted an Induced Polarization (IP) survey that outlined 33 anomalies on the "Main Grid" area. Trenching and 5 diamond drillholes tested one anomaly discovering the 1988-1 and 1988-2 vein systems in the 88 Hill area. Hole 88-5 intersected 5.99 grams per tonne over 12.34 meters. Subsequently, a small open pit extracted 2600 tonnes grading 2.06 grams per tonne from the 1988-2 vein.

In 1993, Sable extended the IP coverage and completed additional trenching. Late in 1993, Sable sold its controlling block of shares in International Taurus Resources Inc., to Hera Resources Inc. who completed a trenching and 26-hole diamond drilling program totaling 1554 meters, (5099 feet) on the east side of 88 Hill. Trenching tested 6 of a total now of 42 geophysical (IP) targets, discovering 3 gold-bearing vein systems (1993-1 to 3), which were subsequently drill-tested. A "potential resource" of 436,000 tonnes (481,000 tons) in individual narrow quartz veins grading 6.99 grams per tonne gold (0.204 ounces per ton) was reported by B.E. Spencer (1994) for the 88-1, 93-l and 93-2 vein systems.

Also in 1994, a second resource calculation by A.J. Beaton included the 88-1, 93-1, and 93-2 vein systems calculated a "geological or potential ore reserve" of 367,000 tons grading 0.172 ounces per ton. This estimate includes data on the portion of 1994 trenching and diamond drilling completed in the 88 Hill area. That portion of the program consisted of extensive trenching and diamond drilling along the south and north margins of the area explored in 1993.

1994 to 1999 : In 1994, International Taurus moved to the north side of the highway, along strike to the west of the Taurus mine workings to complete 88 diamond drillholes totaling 7,518 meters and an IP survey over 26.7 kilometers of grid. In addition, 220 meters of drifting and 47 meters of raising were completed in the existing underground workings to define additional mineral resources. Underground development was suspended in late 1994, following the discovery of new targets. One drill hole west of the Taurus workings, 94-56, intersected 44.5 meters of pyritic mineralization grading 1.6 grams per tonne. This new zone, dubbed the Taurus West Zone, signaled the potential for bulk tonnage gold deposits on the Taurus property. A total of 24 diamond drillholes tested the Taurus West. Seven holes collared from 3 set-ups over 350 meters, tested the B.M. Zone, an 850-metre long IP anomaly, approximately 300 meters north of Taurus West.

Cyprus Canada Inc. signed a joint venture agreement with International Taurus and Cusac Gold Mines Ltd. in January 1995, and Douglas Busat in May 1995, assembling a claim package of some 4,000 hectares stretching 10 kilometers east-west by 4 kilometers north-south.
In March 1995, Cyprus began diamond drilling on the Taurus West and 88 West areas, completing 7 widely spaced NQ holes (T95-1 to 7) totaling 1,357 meters. A north-south oriented grid was cut with lines 3,000 meters in length at 200 meter line spacing, to serve as control for pole-dipole IP and ground magnetometer surveys. In May and June, another 7 widely spaced NQ holes (T95-8 to 14) totaling 1,209 meters tested chargeability anomalies in the western portions of the grid, as well as the southern part of the Taurus West area.

Mapping the central portion of the property commenced in mid-June 1995, with limited trenching at Taurus West. A soil geochemical survey was completed over the grid at 50 meter stations. Diamond drilling resumed in July, completing an additional 10,104 meters in 64 holes. Two diamond drill rigs drilled both NQ and HQ holes over the 88 Hill, Taurus Mine and Taurus West areas, using 100 to 400 meter hole spacing. The grid was expanded later in the summer for further IP, ground magnetometer and soil geochemical surveys. Finally, in September, a reverse circulation (RC) drill was brought in to twin 5 diamond drillholes in the Taurus West, Highway, and 88 Hill Zones. A total of 826 meters of drilling was completed to determine the viability of the RC system.

Preliminary metallurgical testing on 11 composite samples from the 88 Hill and Taurus West Zones was designed to test the characteristics of two dominant types of mineralization (T4's and T3). Leach tests utilizing cyanide and froth flotation tests were run. Also, a preliminary resource calculation was completed to quantify potential resources for economic analyses. An inferred, undiluted mineral inventory of 38 million tonnes grading 1.42 grams per tonnes was calculated for the 88 Hill, Taurus West and Highway Zones. A second calculation utilized the same data but a different set of assumptions defined potential resource of 40.6 million tonnes grading 1.07 grams per tonne.

In July 1996, Cyprus decided to discontinue its efforts on the Taurus property, feeling that the deposit failed to meet its requirements at the time.

International Taurus continued on with a program of 36 reverse-circulation holes, totaling 3,869 meters, drilled on 50-metre centers on the 88 Hill Zone, and 5 NQ diamond drillholes, totaling 582 meters, extending the zone some 300 meters to the west. The program was designed to upgrade a portion of the inferred mineral resource, defining a "drill indicated reserve" of 13,725,350 tonnes grading 1.01 grams per tonne gold. An additional 27,355,000 tonnes grading 0.67 grams per tonne gold was classified as "inferred". A sectional method of resource calculation was employed. Given the lack of rigorous economical analyses and general geological modeling in the calculation, this figure is an indicated mineral resource. Additional wide-spaced drilling in the Taurus West Zone outlined a "drill inferred resource" of 25,134,000 tonnes grading 0.67 grams per tonne gold. This figure updated a part of the global inferred resource completed by Cyprus.

In 1997, a further six holes totaling 790 meters was completed by International Taurus. No logs or hole locations were found in the data supplied by International Taurus.
No significant work programs were completed in 1998. In September Cusac Gold Mines Ltd. entered into an agreement with International Taurus to earn up to 70% interest in the Taurus property by performing a certain minimum amount of exploration and development work over a four-year period and completing a positive feasibility study.

In 1999, Cusac completed another resource calculation. Cusac defined six distinct zones using a database of 130 drillholes to define a "total mineral inventory" of 62,397,477 tonnes grading 0.80 grams per tonnes.

1999 – Present

No significant work programs were completed on the Taurus Property from 2000 to 2002.

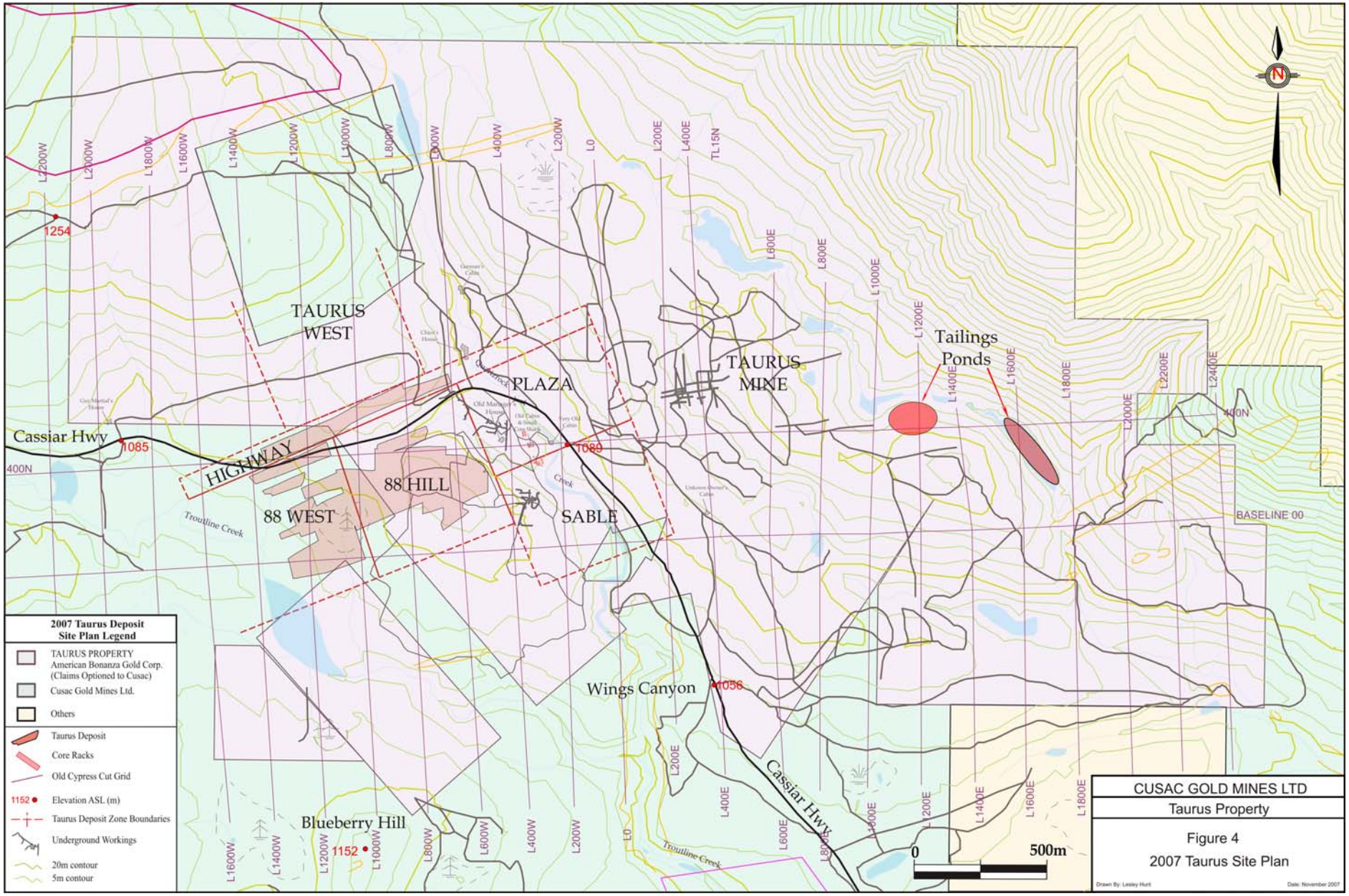
In late 2003, Navasota Resources Limited conducted a two-phase program consisting firstly of general geological compilation with some geochemistry, as well as limited remapping and re-logging of specific core. Phase II consisted of a drill hole program made up of 13 NQ holes totaling 1,974 meters in length. The holes were designed to test the zones identified in post-1994 work. In general terms, these results confirmed the results reported in previous programs on the Taurus property. The zones intersected in the 2003 program do not seem to match up identically with those from previous work; therefore, more work is needed to understand the nature of the zones on the property. Difficulties arising from the high nugget affect associated with the T4 mineralization may be the cause of this, and some small test pits and/or underground sampling may be needed to understand the geology better.

Until 2003, no 43-101 compliant resource estimates were completed. Table 2 below, comprises a summary of the current 43-101 compliant resource estimate by Wardrop Engineering Inc. for Cusac Gold Mines Ltd., dated May 15, 2007.

Table 2.
Summary of Inferred Mineral Resource Estimate
at 0.50 g/t Au Cutoff

Zone Name	Tonnes (000's)	Average Grade (g/t Au)	Contained Oz Au
Sable	1,350	1.32	57,339
88Hill	8,505	1.15	315,797
88West	13,102	0.87	366,930
Highway	2,456	0.98	77,276
Taurus West	3,709	1.02	121,056
Taurus	2,348	0.99	74,489
Plaza	917	0.95	27,999
Total	**32,386**	**1.00**	**1,040,886**

(Wardrop Engineering Inc., Technical Report on the Taurus Deposit for Cusac Gold Mines Ltd., May 15, 2007


TAURUS WEST
PLAZA
TAURUS MINE
Tailings Ponds
88 HILL
88 WEST
SABLE
Wings Canyon
Blueberry Hill
Cassiar Hwy
HIGHWAY
Troutline Creek
BASELINE 00
400N
1254
1085
1089
1056
1152
2007 Taurus Deposit Site Plan Legend
TAURUS PROPERTY American Bonanza Gold Corp. (Claims Optioned to Cusac)
Cusac Gold Mines Ltd.
Others
Taurus Deposit
Core Racks
Old Cypress Cut Grid
Elevation ASL (m)
Taurus Deposit Zone Boundaries
Underground Workings
20m contour
5m contour
0
500m
CUSAC GOLD MINES LTD
Taurus Property
Figure 4
2007 Taurus Site Plan
Drawn By: Lesley Hunt
Date: November 2007

GEOLOGICAL SETTING

Regional Geology

Rocks of the Sylvester Allochthon, an accreted terrane of Mississippian to Triassic age, underlie the Taurus property. The allochthon was thrust over miogeoclinal platformal rocks of the Cassiar Terrane, forming a flat-bottomed, northwest-trending synclinorium of stacked thrust slices. The North American continental margin can be characterized as platformal limestones interbedded with clastic rocks including quartzite, grey to green phyllite, sandstone, phyllitic siltstone, and shale of Cassiar Terrane (Figure 6). Emplacement of the allocthon most likely occurred during early Jurassic time

The Sylvester Group can be divided into three major divisions (Nelson et al., 1988).

The base of the group, **Division I**, is composed of mainly chert and black argillite, with lesser sandstone, siltstone, diorite and diabase sills, and bedded quartz-pyrite-barite exhalites.

Division II, which hosts the mineralization at Taurus, is made up of basaltic flows and breccias, chert and argillite, intercalated with variably altered, narrow bodies of ultramafic rocks. The highest exposed structural level of the allochthon.

Division III, is comprised of island arc volcanic rocks of basic to felsic composition and limestones. The Sylvester Group is correlated with Slide Mountain Terrane.

The Sylvester allochthon is intruded by the late Cretaceous Cassiar batholith to the west, and several other smaller stocks in the Cassiar area ranging in age from 90 Ma to 50 Ma. Compositionally, these intrusive rocks are quartz monzonites.

Local and Property Geology

1. Lithology:

The Taurus property and surrounding area are underlain by an upright sequence of Division II massive to pillowed to rarely amygdaloidal, medium grey-green basaltic flows, chert and argillite, occasional ultramafic flows or sills, and mafic and lamprophyre dykes. Cyprus geologists divided the Taurus stratigraphy, generally from oldest to youngest, as follows (Broughton and Masson, 1996):

> ***Argillite*** is typically dark grey to black, carbonaceous to graphitic, well bedded, and commonly sheared. Beds range from 1 mm to 10 cm in thickness. Argillite grades into argillaceous chert. Contacts with basalts are sheared, graphitic, gougey, and brecciated. The unit was used as a basal marker for drilling.
>
> ***Chert*** and ***argillaceous chert*** are characterized by alternating bands of soft (H=3-4), pale greenish mudstone and hard (H>6) cream white chert. This cherty nature may be, in part, secondary as contacts with adjacent basalts, mudstone, and argillite are often gradational.

Mudstone pale green, soft, and finely laminated, occurs at the base of mineralized basalts in the 88 Hill area and has been correlated with adjacent cherts.

Ultramafics occur at the west end of the property near the basalt-argillite contact and range in colour from dark green to black, and in texture from strongly schistose to massive. These sills or flows are altered to chlorite + talc +/- pyrrhotite, with local fuchsite in listwanite. In one location, a 1-metre section of massive sulphide (pyrrhotite + minor chalcopyrite) is hosted in deformed chlorite-talc-serpentine schist.

Mafic volcanics dominate the property area occurring as light to medium dark green massive to pillowed flows, altered to chlorite-actinolite-epidote-leucoxene carbonate-sericite. A magnetic jasperoidal pillowed sub-type has been recognized. Pillowed flows are generally poorly developed or poorly recognized, and appear not to be laterally extensive. Mafic flows are the dominant host of gold mineralization at Taurus and are underlain and intercalated with sedimentary rocks.

Mafic tuffs are noted at several locations throughout the property but do not appear to form correlatable units. The tuffs are fine-grained and laminated to coarse lapilli.

Mafic and Lamprophyre Dykes cut all other units on the Taurus property. Mafic dykes are aphanitic, dark green to black while lamprophyre dykes host biotite and occasional pink potassium feldspar phenocrysts. Both range from centimeters to 10 meters in thickness. Lamprophyre dykes have strongly magnetic contact aureoles up to 1 meter into the host rock.

Volcanic and sedimentary sequences on the Taurus property are relatively flat lying and face up. Within the basalt package, a steeply dipping north to northwest trending foliation appears to predate all other structures and may be related to allochthon emplacement. Flat, sheared contacts may represent significant thrust faults, the most important being the lower contact of the dominantly basaltic sequence. A series of shallow east-dipping faults are possibly rooted in this basal thrust. This tectonic event likely resulted in ground preparation that allowed mineralizing fluids to circulate through the host rock.

2. Structure

Volcanic and sedimentary sequences on the Taurus property are relatively flat lying and face up. Within the basalt package, a steeply dipping north to northwest trending foliation appears to predate all other structures. Flat, sheared contacts may represent significant thrust faults, the most important being the lower contact of the dominantly basaltic sequence. A series of shallow east-dipping faults are possibly rooted in this basal thrust (?). This tectonic event likely resulted in ground preparation that allowed mineralizing fluids to circulate through the host rock.

Several sets of pre-mineralization structures have been identified. A low angle thrust fault striking northwest with a 15° dip to the southwest separates basaltic host rocks from barren argillites. This structure is likely one of a series of thrust faults. Another mineralized fault,594 Fault strikes to the north and dips 30-40° to the east, crosscutting the other sets and displays

reverse sense of movement. One such fault may correlate with a north-trending reverse fault at the Cusac (Erickson) Mine, 8 kilometers to the south. Many quartz veins at the Taurus Mine are controlled by a series of faults striking 80-90° and dipping 50-60° to the south. Movement is interpreted to be both right lateral and reverse along these faults. Pyritic faults often occur adjacent to these larger quartz veins.

Post-ore structures include at least three sets of steeply dipping faults. One set of narrow faults striking 290-300° has been mapped in the Taurus Mine with meter-scale sinistral displacements of mineralized veins. A prominent subvertical set, trending 310-330°, shows up as chlorite schist in basalt and laminated to schistose fabric in cherts. Another subvertical northeast trending set has been defined from magnetometer and IP data. One set of faults strikes 250° with shallow southerly dips.

Hydrothermally altered basalt forms east-trending, steeply dipping, braided zones up to 60 meters thick, separated by blocks of unaltered basalt. Alteration consists of plagioclase altering to sericite and augite to epidote, sphene and chlorite. As alteration intensity increases, plagioclase and augite are completely replaced and the groundmass alters to dolomite, leucoxene and traces of potassium feldspar.

3. Mineralization:

Both Taurus and the neighboring Cusac (Erickson) Mines have exploited well defined Mesothermal quartz-carbonate-gold veins, similar to other volcanic-hosted vein systems at Bralorne and in the Mother Lode district of California. These vein systems are characterized by white to clear bull quartz and lesser iron-magnesium carbonate, calcite and traces of sericite.

Mineralization in this setting falls into two types: ***pyritic quartz veining (T4 & T4A)*** and ***disseminated pyrite (T3)***. The two basic types of gold mineralization are predominantly hosted in altered basalt.
The following section describes the various vein types and mineralization in more detail.

Pyritic quartz veins are best developed at the Taurus Mine and 88 Hill Areas, in three main structural trends described previously. Pyritic quartz vein mineralization can be subdivided into two subtypes: large veins **(T5)** and broad zones of sheeted or swarmed veins hosted by pyritized carbonate altered basalts (T4 & T4A).
Veins are composed of white quartz with patches of clear quartz, patches of carbonate (ankerite/dolomite), with clay and sericite flanked by narrow zones of sulphide mineralization, typically 10 centimeters wide, along the vein margins. These zones often extend into the wallrock overprinting the vein contacts. Sulphides consist of pyrite with minor tetrahedrite and arsenopyrite, and trace sphalerite, galena and chalcopyrite. Systematic chip sampling shows that fine gold is concentrated in these sulphide zones averaging 21 grams per tonnes over 10 centimeters compared with only 1.8 grams per tonne over 50 centimeters across the center of the vein along graphitic banding. Alteration halos typically average 2 grams per tonne over 40 centimeters (Gunning, 1988).

In broad zones of pyritic quartz vein mineralization, pyrite typically makes up 5-10% of the rock, mainly as fine to coarse disseminations, fracture fillings, veinlets, halos and mud faults. Pyrite is associated with minor arsenopyrite along vein margins, chalcopyrite, apple green sericite,

sphalerite and occasional visible gold. These broad zones have an east-west strike and steep southerly dip. Gold grains occur among quartz grains and in and adjacent to pyrite, sphalerite and tetrahedrite grains.

The second type of mineralization, termed **disseminated pyritic or pyrite – carbonate mineralization**, is characterized by to-40% fine-grained pyrite, sometimes banded and lacking significant quartz veining. The banded appearance is actually a shear fabric with basalt altered to sericite/muscovite + dolomite +/- leucoxene +/- quartz. Unmineralized quartz + carbonate veinlets are common, as is irregular, hairline, locally graphitic fracturing. Distal to the gold-bearing mineralization, two vein structures with high silver/gold ratios have been explored. The Elan veins, northwest of the property, returned silver grades up to 5 ounces per ton but gold grades are typically less than 0.01 ounces per ton. These veins are not considered to be of much significance.

Seven zones of mineralization have been identified, each with a unique set of geological characteristics (Figure 3). The zones are the Taurus Mine, Taurus West, Plaza, Sable, 88 Hill, 88 West and the Highway. Continuity appears to be good within each area but continuity between various zones is still a major issue to be resolved. This is most likely a factor of exploration density Mineralization at the Taurus Mine is fairly well understood with large vein systems as described above. A zone of disseminated pyritic mineralization has been identified in the Decline Fault hanging wall. Controls for the low-grade mineralization at Taurus Mine are not well understood.

Mineralization at **88 Hill** extends at least 1000 meters by 400 meters and includes surface and underground development work on the Sable and Plaza vein systems. Pyritic quartz vein mineralization occurs in swarms or sheets within pyritized and ankeritized basalt. Veins exposed in trenches and underground workings generally strike east-west with steep north and south dips and occur as broad zones of small tensional veins and narrow zones around continuous veins. These mineralized zones are separated by unaltered, unmineralized basalt. Mineralized zones are broadly continuous but individual structures are not correlatable. The 88 Hill Zone is open to the east back toward the Taurus Mine, and to the north and south. To the north, the zone may continue into the Highway Zone. Mineralization in the 88 West fine does not appear to extend beyond the east-dipping Taurus West Fault.

The Highway Zone lies along the north side of the highway between Quartzrock Creek and the Taurus West Fault. Geologically the Highway Zone is very similar to the 88 Hill, with pyritic quartz vein mineralization in the east to broad quartz-rich zones in the west.
Taurus West hosts disseminated pyrite-type mineralization centered on section 1lOOW Drilling has demonstrated that continuity within the zone is limited and does not extend to 1OOOW or 1200W.
Wings Canyon lies in Quartzrock Creek approximately one kilometer south of the Taurus Mine. Most of Wings Canyon lies immediately south the property, but given its proximity to the property, it is included in this discussion. Wings Canyon is characterized by a broad zone of low-grade mineralization related to extensive northeast striking and variably south-dipping white quartz veins.

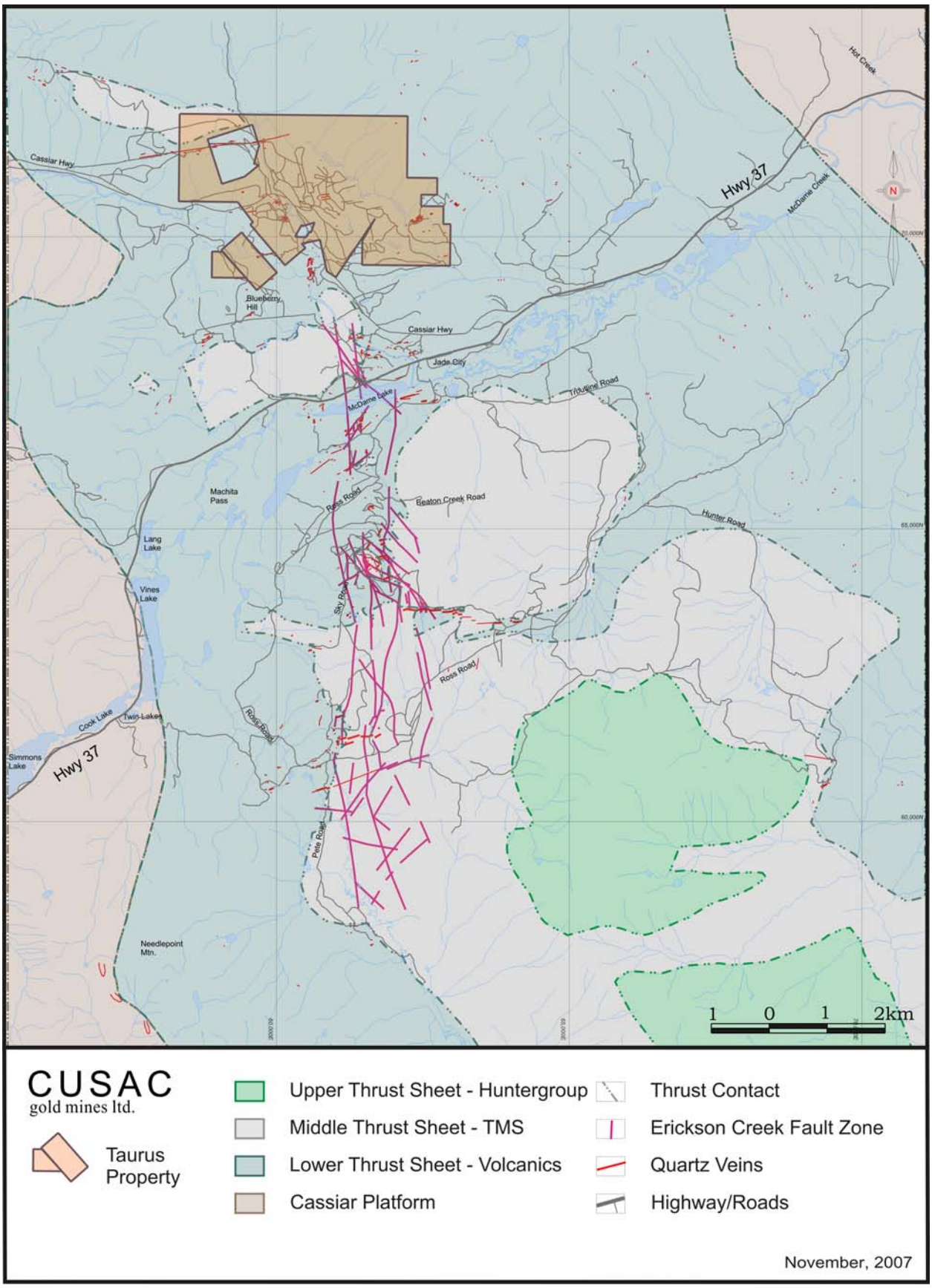


Figure 5 Generalized Property Geological Map

2.0 DIAMOND DRILLING PROGRAM

2.1 INTRODUCTION

Cusac Gold Mines Ltd completed a diamond drilling program on the Taurus Property between June 19 and July 17, 2007. The program consisted of 10 drill holes, 07TC-01 to 07TC-10. **This report covers only the first 6 drill holes in the program as they are on the American Bonanza Gold Corp's claims.**
The program was supervised by Lesley Hunt (VPExploration) and Mike Glover (Senior Project Geologist), both of Cusac Gold Mines employ. DJ Drilling, of Watson Lake, Yukon Territories was the drilling contractor, and as always, performed a very professional job.

The objective was to improve the confidence and continuity of both the grade and structure of the 88Hill Zone portion of the Taurus Deposit and to improve the understanding of the geological setting and controls on gold mineralization within the known gold zones on the Taurus Property. Updated metallurgical studies from fresh, unoxidized samples are to be completed on the core from this program.

There are some facilities on the property left over from previous exploration and mining including a useable cabin and core shack. All known drill core from previous drill programs is stored in racks on the property (see Fig. 4, Site Plan) and most of it is labeled. Some of the 1994 and earlier core is cross-stacked and locally incomplete, some boxes are difficult to impossible to decipher. This core was obviously not used for the diamond drill database update.

Appendix D illustrates the Diamond Drill Hole Location in plan view and a set of west looking sections.

Access to the property by old exploration roads and trails is excellent, however a quad must be used for some of the very old naturally reclaimed trails. The old underground workings at the Taurus Mine, Plaza and Sable have been reclaimed as have the majority of trenches. The 88Hill bulk sample trench has only been contoured leaving great altered, multiple gram mineralized outcrop to view. Drillhole markers left in the ground for 1995 and later still have readable tags. The area is generally quite open to overhead coverage and facilitates the use of GPS for locating drill collars. This is advantageous especially since the old exploration grids are variably overgrown with sparse reference points.

2.2 DRILLING PROCEDURES

This report covers **six** HQ drill holes of a ten drill hole program in the 88Hill zone. These six holes were all collared on American Bonanza Gold Corp's mineral claim , Mack #3 - Tenure No.226144.

DJ Drilling Ltd. of Surrey, B.C, contracted the diamond drilling for the 2007 exploration program. All core from the diamond drill program was logged and sampled using geological control, with sample lengths typically around 1.5 meters. The holes were drilled with Longyear LF 70 hydrostatic drill using conventional HQ equipment.

Drill pad preparation was completed using a D-6 Cat. All of the setups were located on existing roads and cat-trails. Drill set-ups were verified by staff geologists using a Garmin GPS. Downhole surveys were done with a 'Flex – It' downhole survey instrument. Drill collar locations are marked with a 4"X4" wooden post and a metal Dymo tag marked with the hole number and left in the collar after the drill was moved off the pad. All set-ups were re-contoured subsequent to the completion of the program.

Core was logged and sampled onsite by staff geologists. Core recoveries and RQD measurements were taken by core technicians and entered into excel spreadsheets.

Core photographs were taken after logging and laying out sample locations and before splitting the core. The core is stored in permanent core racks in the central part of the property. Core rack locations are indicated on Figure 4, Site Plan. Individual drill hole boxes are mapped and available in the Cusac 2007 Taurus Database.

All drilling information was compiled on a master spreadsheet and relevant portions imported into Gemcom for geological modeling. Recorded data includes the following items:

1. Header – Hole, X, Y, Z, Depth, System, Start, Finish, Logger, Purpose.
2. Surveys – Hole, Depth, Azimuth, Dip.
3. Lithology – Hole, From, To, Lithological Code, Structure Code.
4. Assays – Hole, From, To, Sample, Width, Routine Assay Au g/T, Metallic Assay Au g/tonne, Shipment, and QA/QC lookups and checks for standards.
5. Composites – Hole, From, To, Core Length, Assay Au g/T.
6. Recovery and RQD data
7. Copies of Original Assay Certificates

Drill Hole Collar information is summarized below.

Hole ID	Easting	Northing	Collar Elevation(m)	TD (m)	TD(ft)	Section (E)	Purpose
07TC-01	459631	6570378	1108.00	154.53	506.9	459640	Infill Drilling 88 Hill
07TC-02	459635	6570344	1108.00	121.05	397.0	459640	Infill Drilling 88 Hill
07TC-03	459657	6570422	1112.00	142.34	466.9	459660	Infill Drilling 88 Hill
07TC-04	459696	6570361	1115.00	141.40	463.8	459700	Infill Drilling 88 Hill
07TC-05	459721	6570434	1119.00	190.80	625.8	459720	Infill Drilling 88 Hill
07TC-06	459772	6570415	1117.00	203.00	665.8	459780	Infill Drilling 88 Hill

Table 3: Diamond Drill Hole Collar Information

2.3 GEOLOGICAL RESULTS

Diamond Drill Hole Logs are included in Appendix C and Sections and Plans of the diamond drilling are included in Appendix D. Significant composite assay results are presented in Table 4 below.

Un-Capped Composites				
Hole ID	FROM	TO	g/T	m Core
07TC-01	**3.05**	**111.55**	**2.36**	**108.50**
Including	3.05	83.00	1.25	79.95
Including	12.15	63.90	1.61	51.75
Including	100.40	111.55	14.00	11.15
Including	101.90	107.40	27.94	5.50
07TC-02	**5.50**	**69.70**	**1.14**	**64.20**
Including	14.30	52.85	1.29	38.55
Including	14.30	19.20	3.61	4.90
Including	42.70	52.85	2.38	10.15
Including	66.40	69.70	5.06	3.30
07TC-03	**14.80**	**102.00**	**1.15**	**87.20**
Including	14.80	90.50	1.28	75.70
Including	14.80	45.10	2.14	30.30
Including	58.85	90.50	0.94	31.65
07TC-04	**1.10**	**19.06**	**0.82**	**17.96**
Including	1.10	7.50	1.80	6.40
07TC-04	**49.60**	**67.86**	**5.37**	**18.26**
Including	52.70	67.86	6.39	15.16
07TC-05	**7.85**	**147.90**	**0.80**	**140.05**
Including	28.45	64.35	1.74	35.90
Including	28.45	53.90	2.15	25.45
Including	60.00	64.35	1.62	4.35
Including	133.75	147.90	1.77	14.15
07TC-06	**4.20**	**139.73**	**0.56**	**135.53**
Including	4.20	27.25	0.73	23.05
Including	4.20	6.65	2.71	2.45
Including	18.07	27.25	1.09	9.18
Including	42.25	82.90	1.07	40.65
Including	42.25	47.85	2.87	5.60
Including	57.30	66.20	1.74	8.90
Including	73.00	82.90	0.93	9.90
Including	97.50	139.73	0.35	42.23

Capped Composites to 12.42 g/T Au				
Hole ID	FROM	TO	g/T	m Core
07TC-01	**3.05**	**111.55**	**1.07**	**108.50**
Including	3.05	83.00	1.15	79.95
Including	12.15	63.90	1.46	51.75
Including	100.40	111.55	2.11	11.15
Including	101.90	107.40	3.83	5.50
07TC-02	**5.50**	**69.70**	**1.14**	**64.20**
Including	14.30	52.85	1.29	38.55
Including	14.30	19.20	3.60	4.90
Including	42.70	52.85	2.38	10.15
Including	66.40	69.70	5.06	3.30
07TC-03	**14.80**	**102.00**	**0.96**	**87.20**
Including	14.80	90.50	1.06	75.70
Including	14.80	45.10	1.59	30.30
Including	58.85	90.50	0.94	31.65
07TC-04	**1.10**	**19.06**	**0.82**	**17.96**
Including	1.10	7.50	1.80	6.40
07TC-04	**49.60**	**67.86**	**1.94**	**18.26**
Including	52.70	67.86	2.26	15.16
07TC-05	**7.85**	**147.90**	**0.77**	**140.05**
Including	28.45	64.35	1.59	35.90
Including	28.45	53.90	1.94	25.45
Including	60.00	64.35	1.62	4.35
Including	133.75	147.90	1.77	14.15
07TC-06	**4.20**	**139.73**	**0.56**	**135.53**
Including	4.20	27.25	0.73	23.05
Including	4.20	6.65	2.71	2.45
Including	18.07	27.25	1.09	9.18
Including	42.25	82.90	1.07	40.65
Including	42.25	47.85	2.87	5.60
Including	57.30	66.20	1.74	8.90
Including	73.00	82.90	0.93	9.90
Including	97.50	139.73	0.35	42.23

Table 4: Significant Composite Assays

The infill drilling results from drill holes 07TC-01 to 07TC-06 well established strong continuity of structure and grade between historical drill holes. Significant structures like quartz veins and distinct mineralized zones appear to be traceable from hole to hole in this particular area and with the smaller drill collar spacing (25m).
It is an issue at 88Hill however is that correlation between larger blocks of mineralization is much more complex and the limited drilling that Cusac carried out in 2007 alone can not resolve the orientation of gold mineralization (shoots) in several of the known zones with any confidence.

Limited geological modeling to date has been completed over the entire Taurus Deposit. This is a function of lack of staffing and funding.

The 2007 drill program covered a strike length of 150 meters. This is one of the few areas where drilling has been designed at 25 meters or less, the Sable zone is the other one. The wide and variable spacing of the historical drillholes often allowed more than one interpretation of > l.0 g/t gold shoots with both sub-vertical and shallow dipping possible.
A relatively distinct contact with the T1F (Basalt with magnetite and / or Jasper) zone at depth has become traceable over 200 meters or so. This appears to cut off the mineralization a depth in the 88 Hill zone and may continue to do so in the Sable area where the mineralization has been offset in a normal dextral sense and more than likely rotated.

2.4 ANALYTICAL RESULTS

SAMPLE PREPARATION, ANAYLYSIS AND SECURITY

Core samples from the 2007 Cusac drill program were split with a conventional core splitter, bagged and driven by management or a management designated employee to the Eco Tech Prep Lab in Whitehorse. Half the core was left in the core boxes as a permanent record.
Sampling consisted of marking the mineralized sections into sample intervals based on geological criteria, splitting the core in half along its length using a continuous line to prevent bias, and bagging one-half of the split core from each marked sample interval.

Standard samples were purchased from Canadian Resource Labs in Delta, BC and were inserted into the sample sequence as every tenth sample. Blank samples were inserted after any sample containing visible gold

Each sample was individually bagged in 6mm plastic sample bags and then several samples were sealed together in a large 6mm poly bag and each large bag was sealed with serialized security seals. The large bags were in turn sealed in a woven rice bag to provide protection during shipping.

Sample requisitions and Sample Shipping Lists with security seal information were emailed to the lab with a request for verification of the seal integrity to facilitate detection of possible tampering. Eco Tech then faxed a hand written and signed letter stating each security seal number and the condition of the security seal that they received in

Whitehorse. The samples were crushed, split, and pulverized to produce 200-gram pulps, which were shipped via air to EcoTech's lab in Kamloops for analysis.
Assay and analysis procedures are located in Appendix E.

In house check assays were conducted by EcoTech on approximately 10% of the samples All standards returned results within the upper and lower limits allowed.

All but one of the blanks returned below detection level gold. Blank sample No. 31442 returned 0.23 g/t gold and was just noticed to be anomalous during the writing of this report. Sample No. 31441, located directly inline with 31442 in the sample sequence is an anomalous 2007 core sample, and returned 6.7 g/t gold. Both the blank and sample 31441 will be sent to EcoTech Labs for reassay immediately.

838 samples were analysed including standards and blanks. Of these 746 samples were drill core. A standard 1 assay ton fire assay was requested for each sample and metallic assays were requested on any sample that returned a fire assay result of greater than 2.0 g/t Au.
24 mineralized quartz vein samples were requested to be metallic assayed regardless of the fire assay result. This was to check for nugget effect in quartz veins with a greater potential to return anomalous gold values.

72 metallic assays were run on the core samples that returned greater than 2.0 g/t gold. Table 5 below, summarizes the results of the samples that were sent for metallic assay including core logging observations.

The unbiased standard deviation of the difference in gold values in samples that underwent metallic screen assaying where the fire assay was **greater than 2.0 g/t** gold was 65.2
The unbiased standard deviation of the difference in gold values in samples that underwent metallic screen assaying where the fire assay was **less than 2.0 g/t** gold was 48.7.
This indicates an erratic variation in gold values within the same type of rocks within close proximity of each other due most likely to the nugget effect that perhaps has been overlooked in the past and that the gold values in much of the previous sampling may be underestimated and further metallic sampling is recommended.

The quality control procedures used by Cusac and EcoTech Labs are industry standard and any variable results are most likely due to the presence of relatively coarse gold particles.

Table 5 FIRE & METALLIC ASSAY SAMPLE SUMMARY

Assay Results: Fire Assays >2g/t Au & Metallic Assays								VOLCANICS					QUARTZ								
Hole ID	From (m)	To (m)	Sample No.	Width (m)	Fire Assay (g/t)	Metallic Assay (g/t)	% Diff.	Coarse Grained Pyrite	Fine Grained Pyrite	Tet	Aspy	Ser	%Q	Coarse Grained Pyrite	Fine Grained Pyrite	Ser	Cpy	Sph	Tet	Aspy	# VG Specks
07TC-04	55.20	55.50	32058	0.30	790.00	221.00	-72.0%	0	0	0	0	0	90%	5	2	0	0.25	0.5	0	1	7
07TC-05	13.50	15.00	32148	1.50	6.00	2.28	-62.0%	0.5	0	0	0.5	0.5	50%	0.5	0.5	0.5	0.5	0.5	0	0	0
07TC-04	64.10	64.55	32068	0.45	11.70	8.12	-30.6%	1	0.5	0.5	0	2	99%	0	0	0	0	0	0	0	0
07TC-05	52.95	53.30	32192	0.35	17.30	16.20	-6.4%	60	0	0	20	0	90%	0.1	0	0	0	0	0	0.1	0
07TC-03	17.80	18.70	31291	0.90	4.90	4.63	-5.5%	12	2	0	1	1	8%	0.25	0	0	0	0	0	0	0
07TC-04	33.00	33.75	31391	0.75	7.40	7.16	-3.2%	7	3	0	1	0	8%	1	0.25	0	0	0	0	0.25	0
07TC-05	36.00	37.50	32175	1.50	2.50	2.36	-5.6%	2	1	0	1.5	0	2%	0	0	0	0	0	0	0	0
07TC-05	11.70	13.50	32147	1.80	3.30	3.20	-3.0%	10	0	0	0.25	0.25	25%	0.25	0.25	0.25	0.25	0.25	0	0	0
07TC-05	135.20	136.70	43174	1.50	11.20	11.10	-0.9%	10	0	0	2	0	1%	0	0	0	0	0	0	0	0
07TC-06	80.70	81.60	27126	0.90	3.00	2.95	-1.8%	4	1	0	0.1	0	1%	0	0.1	0	0	0	0	0.1	0
07TC-01	37.40	38.71	31183	1.31	3.90	3.87	-0.8%	5	2	0	1	0	2%	0	0	0	0	0	0	0	0
07TC-06	43.55	43.85	27084	0.30	2.60	2.61	0.3%	3	0.25	0	2	3	2%	0	0	0	0	0	0	0	0
07TC-01	103.40	104.90	31244	1.50	3.60	3.65	1.4%	5	0	0	0.25	0	7%	0	0	0	0	0	0	0	0
07TC-06	5.40	5.70	27039	0.30	8.10	8.28	2.3%	3	2	0	1.5	0	99%	0	0	0	0	0	0	0	0
07TC-02	48.75	50.25	31445	1.50	4.20	4.41	5.0%	7	4	0	1	0	20%	0	0	0	0	0	0	0	0
07TC-05	35.55	36.00	32173	0.45	7.60	7.98	5.0%	4	0	0	0	0	95%	0	0	0	0	0	0	0	0
07TC-01	36.20	37.10	31181	0.90	4.50	4.75	5.6%	12	0	0	1	0	10%	0.5	0	0	0	0	0	0	0
07TC-06	137.55	137.90	27167	0.35	2.14	2.27	6.2%	1	1	0	0	0	1%	0	0	0	0	0	0	0	0
07TC-04	6.45	6.65	31358	0.20	3.70	3.94	6.5%	3	1	0	1	2	1%	0	0	0	0	0	0	0	0
07TC-03	16.77	17.80	31289	1.03	4.20	4.48	6.7%	12	7	0	1	0	3%	0.25	1	0	0	0	0	0	0
07TC-05	28.45	29.30	32163	0.85	3.50	3.74	6.9%	5	0.25	0	1	1	100%	1	1	1	1	1	0	0	0
07TC-02	18.30	18.80	31415	0.50	11.60	12.50	7.8%	2.5	1.75	0	0.1	0	75%	0	0	0	0	0	0	0	0
07TC-06	103.77	104.85	27149	1.08	2.02	2.18	8.1%	7	5	0	0	0	1%	0.1	0	0	0.1	0	0	0.1	0
07TC-06	42.25	42.95	27081	0.70	2.90	3.15	8.5%	3	0.5	0	1.25	0	3%	0.1	0.1	0	0	0	0	0.1	0
07TC-05	141.90	143.40	32277	1.50	2.38	2.59	8.8%	2.25	0.5	0	1	2	8%	0	0	0	0	0	0	0	0
07TC-06	109.10	110.20	27154	1.10	5.50	5.99	9.0%	1	1.5	0	0.25	0	8%	0.25	0.25	0	0.1	0	0	0	0
07TC-05	63.75	64.35	43107	0.60	5.89	6.42	9.0%	1	0	0	0.5	0	3%	0	0	0	0	0.1	0	0	0
07TC-02	66.40	67.80	32011	1.40	10.10	11.20	10.9%	7	3	0	3	0	10%	0.5	0.25	0	0	0	0	0.25	0
07TC-06	62.00	62.92	27105	0.92	2.04	2.27	11.4%	5	3	0	0	0	1%	0	0	0	0	0	0	0	0
07TC-03	20.10	21.50	31293	1.40	2.80	3.13	11.8%	10	0.5	0	5	1	7%	1	0	0	0	0	0	2	0
07TC-04	6.65	6.98	31359	0.33	9.60	10.95	14.1%	1	1	0	0.1	0	90%	0	0.1	0	0.1	0	0	0	0
07TC-04	52.70	54.00	32056	1.30	2.01	2.30	14.4%	7	3	0	1	0	1%	0	0	0	0	0	0	0	0
07TC-03	43.35	43.60	31317	0.25	2.04	2.34	14.7%	0.35	0.25	0	0.1	0	97%	0	0	0	0	0	0	0	0
07TC-03	62.85	63.90	31337	1.05	2.62	3.02	15.3%	10	0	0	1	0	7%	1	0	0	0	0	0	0	0
07TC-06	64.80	66.20	27109	1.40	3.00	3.47	15.5%	10	3	0	0	0	15%	0	0	0	0	0	0	0	0
07TC-06	23.10	23.30	27056	0.20	2.04	2.37	15.9%	3	0.5	0	0.25	0.25	25%	0.25	0.25	0.25	0.25	0.25	0.25	0.1	0
07TC-03	28.85	30.15	31301	1.30	9.40	10.90	16.0%	3	2	0	2	1	15%	0	1	0	0	0	0	0	0
07TC-01	53.10	53.93	31197	0.83	2.30	2.70	17.4%	20	4	0	1	0	25%	0	0	0	0	0	0	0	0
07TC-01	37.10	37.40	31182	0.30	14.90	17.50	17.4%	0	0	0	0	0	90%	0.5	7	0	0	0	0	0	0

Hole ID	From (m)	To (m)	Sample No.	Width (m)	Fire Assay (g/t)	Metallic Assay (g/t)	% Diff.	Coarse Grained Pyrite	Fine Grained Pyrite	Tet	Aspy	Ser	%Q	Coarse Grained Pyrite	Fine Grained Pyrite	Ser	Cpy	Sph	Tet	Aspy	# VG Specks
07TC-01	106.40	107.40	31246	1.00	123.00	145.00	17.9%	2	0.25	0	0.25	0	7%	0	0	0	0	0	0	0	0
07TC-02	17.50	18.30	31414	0.80	3.80	4.49	18.2%	3.5	7	0	0	0	4%	0	0	0	0	0	0	0	0
07TC-02	44.35	45.60	31441	1.25	6.70	8.02	19.7%	7	5	0	1	0	1%	0	0	0	0	0	0	0	0
07TC-03	75.75	77.25	31348	1.50	2.67	3.20	19.9%	5.5	0	0	0.25	2	3%	5	0.5	0	0	0	0.5	0	0
07TC-02	26.95	28.45	31424	1.50	2.06	2.47	19.9%	15	10	0	0	0	10%	1	0	0	0.1	0.1	0	0.1	0
07TC-05	30.80	31.90	32167	1.10	11.50	13.90	20.9%	5	1	0	0.25	0	2%	0	0	0	0	0	0	0	0
07TC-06	26.05	26.50	27061	0.45	5.10	6.30	23.5%	5	0.5	0	0.2	0	1%	0	0	0	0	0	0	0	0
07TC-06	26.97	27.25	27064	0.28	2.16	2.67	23.7%	7	1	0	0.1	0	5%	0.5	0.25	0	0	0	0	0	0
07TC-04	55.50	56.50	32061	1.00	2.60	3.25	25.0%	0.5	0.5	0	0.5	2	5%	0	0	0	0	0	0	0	0
07TC-04	5.00	5.60	31356	0.60	2.50	3.13	25.2%	5	1	1	0.5	1	1%	0	0	0	0	0	0	0	0
07TC-03	39.55	40.20	31313	0.65	5.40	6.96	28.9%	5	2	0	2	0	6%	0	0	0	0	0	0	0	0
07TC-02	14.30	15.05	31411	0.75	7.40	9.70	31.1%	3	5	0	0	0	5%	0	0	0	0	0	0	0	0
07TC-01	13.60	15.00	31159	1.40	7.00	9.22	31.7%	2	3	0	0.5	0	8%	0	0	0	0	0	0	0	0
07TC-05	38.70	39.90	32177	1.20	2.06	2.72	32.0%	1	0.5	0	0.25	2	3%	0	0	0	0	0	0	0	0
07TC-05	34.90	35.55	32172	0.65	2.40	3.17	32.1%	8	0	0	0.25	0	1%	0	0	0	0	0	0	0	0
07TC-01	24.20	24.50	31169	0.30	4.30	5.73	33.3%	0	0	0	0	0	95%	0	0.25	0	0	0	0	0	1
07TC-04	64.85	65.85	32071	1.00	8.70	11.60	33.3%	20	3	0	0.5	0	10%	0	0	0	0	0	0	0	0
07TC-01	47.15	48.65	31193	1.50	3.10	4.15	33.9%	7	1	0	1	1	15%	0	0	0	0	0	0	0	0
07TC-06	5.70	6.65	27041	0.95	2.15	2.92	36.0%	3	1	0	6	0	1%	0	0	0	0	0	0	0	0
07TC-04	1.10	1.40	32296	0.30	3.50	4.82	37.7%	1	0.5	0	1	0	3%	0	0	0	0	0	0	0	0
07TC-01	19.30	20.80	31165	1.50	3.10	4.31	39.0%	2	2	0	0.5	0	1%	0	0	0	0	0	0	0	0
07TC-01	15.00	16.50	31161	1.50	2.40	3.39	41.3%	2	3	0	0.5	0	1%	0	0	0	0	0	0	0	0
07TC-05	29.30	29.60	32164	0.30	12.90	20.30	57.4%	0.5	0	0	0	0	98%	0.25	0	0	0	0	0	0	0
07TC-02	50.25	51.55	31446	1.30	2.05	3.24	58.0%	7	4	0	1	0	3%	0	0	0	0	0	0	0	0
07TC-06	23.85	24.37	27058	0.52	2.14	3.39	58.4%	3	0.5	0	0	0	1%	0	0	0	0	0	0	0	0
07TC-06	45.00	45.85	27087	0.85	5.00	8.84	76.9%	20	3	0	3.5	2	8%	0.1	0.1	0	0	0.1	0	0	0
07TC-06	26.50	26.97	27062	0.47	2.14	3.79	77.1%	0	0	0	0	0	98%	0.5	0.25	0	0	0	0	0	0
07TC-04	66.85	67.86	32073	1.01	3.10	5.80	87.1%	5	0.5	0.25	0	3	3%	0	0.1	0	0.1	0.25	0.25	0	0
07TC-02	7.45	8.65	31405	1.20	2.30	4.42	92.2%	7	2	0	2	0	25%	0	0	0	0	0	0	0	0
07TC-05	44.65	44.95	32183	0.30	3.30	6.40	93.9%	0	0	0	0	0	99%	0	0	0	0	0	0	0	0
07TC-05	42.50	43.65	32181	1.15	2.28	5.55	143.4%	7	0.5	0	1	1	2%	0	0	0	0	0	0	0	0
07TC-01	19.00	19.30	31164	0.30	7.88	32.80	316.2%	0	0	0	0.5	0	80%	2	0	0	0.5	1.5	0.5	0	1
07TC-03	16.60	16.77	31307	0.17	21.80	111.00	409.2%	0	0	0	0	0	99%	0.5	0	0	0	0	0	0.1	1
			72 samples																		
			Unbiased Standard Deviation				65.2														

Hole ID	From (m)	To (m)	Sample No.	Width (m)	Fire Assay (g/t)	Metallic Assay (g/t)	% Diff.	Coarse Grained Pyrite	Fine Grained Pyrite	Tet	Aspy	Ser	%Q	Coarse Grained Pyrite	Fine Grained Pyrite	Ser	Cpy	Sph	Tet	Aspy	# VG Specks
Assay Results: Fire Assays > 2g/t Au & Metallic Assays								**VOLCANICS**					**QUARTZ**								
07TC-06	73.50	74.10	27118	0.60	1.67	1.01	-39.6%	10	5	0	0.5	0	0.3	2	1	0	0.1	0.25	0	0	0
07TC-06	79.50	80.70	27125	1.20	1.90	1.62	-14.6%	2	0.5	0	0.35	0	0.01	0.1	0.1	0	0	0	0	0.2	0
07TC-03	15.25	16.60	31306	1.35	1.68	1.60	-4.8%	15	0	0	1	1	0.2	0	1	0	0	0	0	0	0
07TC-05	78.30	78.60	43119	0.30	1.76	1.93	9.8%	7	0	0	5	0	0.8	0	0	0	0	0	0	0	0
07TC-06	102.41	103.50	27147	1.09	0.43	0.48	10.7%	1	0.5	0	0	0	0.03	0	0.1	0	0	0	0	0	0
07TC-04	17.71	18.41	31374	0.70	1.80	2.04	13.3%	3	5	1	0	0	0.12	0	0	0	0	0	0	0	0
07TC-06	101.35	102.41	27146	1.06	0.78	0.88	13.4%	2	0.25	0	0	0	0.03	0	0.1	0	0	0	0	0	0
07TC-05	17.00	18.00	32152	1.00	1.82	2.07	13.7%	2	0	0	1	1	1	1	1	1	1	1	0	0	0
07TC-03	88.70	89.60	32111	0.90	1.73	2.01	16.2%	2	1	0	0	2	0.12	0	0	2	0	0	0	0	0
07TC-05	60.00	60.35	43101	0.35	1.93	2.25	16.6%	10	0	0	0.5	0	0.01	0	0	0	0	0	0	0	0
07TC-04	59.45	60.25	32064	0.80	1.71	2.02	18.1%	0.5	0.5	0	1	3	0.2	0.1	0	0	0	0	0	0.1	0
07TC-04	4.27	5.00	31355	0.73	1.94	2.36	21.6%	3	0.5	0	0.5	0	0.05	0	0	0	0	0	0.1	0	0
07TC-01	18.00	19.00	31163	1.00	1.05	1.31	24.8%	2	3	0	0.5	0	0.03	0	0	0	0	0	0	0	0
07TC-03	61.85	62.85	31336	1.00	1.72	2.27	32.0%	8	0	0	0.5	0	0.05	0	0	0	0	0	0	0	0
07TC-02	42.70	43.40	31438	0.70	1.78	2.36	32.6%	10	7	0	1	0	0.15	0.1	0	0	0	0	0	0.1	0
07TC-06	58.95	59.40	27102	0.45	0.13	0.18	40.5%	0	0	0	0	0	0.99	0.25	0.1	0	0.25	0.25	0	0.1	0
07TC-01	20.80	22.30	31166	1.50	0.68	1.02	50.0%	2	2	0	0.5	0	0.1	0	0	0	0	0	0	0	0
07TC-06	46.40	47.85	27089	1.45	1.02	1.58	55.3%	15	0.5	0	0.2	0	0.15	0.35	0.2	1	0.25	0	0.1	0.1	0
07TC-03	42.15	43.35	31316	1.20	1.55	2.42	56.1%	9	1	0	0.5	1	0.01	0	0	0	0	0	0	0	0
07TC-03	14.80	15.25	31288	0.45	1.52	2.47	62.5%	15	0	0	1	1	0.02	0	1	0	0	0	0	0	0
07TC-04	64.55	64.85	32069	0.30	1.89	3.08	63.0%	0.5	0.25	0	0	0	0.01	0	0	0	0	0	0	0	0
07TC-06	57.95	58.95	27101	1.00	1.86	3.42	83.8%	30	7	0	0	0	0.01	0	0	0	0	0	0	0	0
07TC-05	60.35	60.60	43102	0.25	1.23	2.44	98.4%	1	0	0	0	0	0.99	0	0	0	0	0	0	0	0
07TC-06	42.95	43.55	27082	0.60	1.27	3.99	213.9%	40	1	0	0.25	0	0.95	0.5	0.1	0	0	0	0	0	2
			24 samples																		
			Unbiased Standard Deviation				48.7														

3.0 INTERPRETATION & CONCLUSIONS

The Taurus Property with its long history of exploration and development, including some mining of high-grade gold-quartz veins, and the distribution of gold in several known zones over at least 2 square kilometers of the property is highly encouraging in the search for an economic low-grade gold deposit. The Taurus Deposit requires significant amounts of further exploration. This exploration should not be restricted to high or low grade gold targets to the exclusion of the other.

In Wardrop's "Technical Report on the Taurus Project" dated May 15, 2007 for Cusac Gold Mines, the authors state "However, it would appear as if there are at least two T3 types, namely T3A and a T3B classification. From the Hazen Research testwork, it can be concluded that the T3B-type is the highly refractory ore type only, although certain T4-type material samples also displayed a significant degree of refractoriness. It is therefore vital that the classification of ore types, particularly T3 and T4, be done systematically followed by detailed testwork as per the Hazen Research program, in order to metallurgically characterize these different ores types."
The 2003 geological-geochemical study by Navasota produced some excellent basic data on alteration and the two styles of gold mineralization-T3 pyritic and T4 pyritic-quartz vein zones. Ronald C. Wells states in his Assessment Report dated August 25, 2003 that "T3 style, fine pyrite hosted gold mineralization is far more extensive than previously recognized. Previous metallurgical tests by Cyprus Canada on T3 mineralization involved a limited number of samples from the Taurus West Zone and should be regarded as preliminary. Further testing is required from different areas on the property."
The 2007 Taurus drill core from 88 Hill produced no samples of T3 mineralization. During core logging of the 2007 drill holes at the 88 Hill, there was a noticeable lack of T3 mineralization. Hence, the previously logged intersections of T3 were relogged. All of the T3 intersections noted at 88Hill were relogged as either T4 or T4A. There were 12 noted T3 intersections from previous years drilling.

It should therefore be noted that previously, a T3A and T3B lithologies were designated. The author has not seen any logs or maps with a designated description or location of a T3B lithology. It may well be that some T3 mineralization was sent to Hagen Research for metallurgical studies and that there were 2 samples of T3. To designate the difference they were labeled A & B, hence on receiving the results, a T3A and T3B lithology was born.
The T3 lithology qualifiers "A and B" have been dropped until further proof of a difference in mineralogy, texture, location or anything can be obtained. To my knowledge there is only one Lithology T3. It is very easy to distinguish from T4, by the pervasive alteration of sericite, ankerite and the fine to very fine grain size of the pyrite.

The 2007 drilling program conducted by Cusac was relatively limited. Geological modeling is on-going and the exploration season is mainly used for collecting data and in the case of the Taurus deposit a significant amount of data is still missing. In particular the detailed mapping and processing data from the three underground high grade mines

are needed to successfully explore the Taurus, Plaza, and Sable zones. There is still a very large amount of compilation work to be done and geological modeling will prove more beneficial when all of the previous results have been compiled and available in one solid comprehensive format and database.

The most updated Taurus database is the new 2007 Cusac Drillhole Database. Many previously missing or incomplete drill hole logs have been located and /or relogged and subsequently compiled into this database and entered into Gemcom software. There were numerous Lithology legends used in historical data and Cusac has adopted the "T" set of lithologies that was introduced by Cypress in 1995 & 96. The reason for this is that a large amount of the drilling database already used these lithology codes and it would easily distinguish the Table Mountain and Taurus Deposits.

Cusac's Gems database consists of two areas, **Taurus** and **Taurus II**. Figure 2, Regional Land Tenure shows these two areas.

The **Taurus area** is defined by drill holes that potentially could affect the Taurus Resource as outlined in the most recent Technical Report by Wardrop for Cusac Gold Mines, dated May 15, 2007. The Taurus area includes the seven zones outlined on Figure 4, Taurus Site Plan.
Those zones include, **88Hill, 88West, Highway, Sable, Plaza, Taurus (Mine) and Taurus West**. There are 349 drill holes currently in the database that are included in the Taurus Area.

The **Taurus II area** was defined in 2005 when Cusac decided that until the tenure affecting the Taurus Deposit could be resolved into one company's ownership, Cusac would examine the potential for a second bulk tonnage disseminated gold deposit in the area surrounding the Taurus deposit. There are 516 drill holes currently in the database that are included in the Taurus II Area which includes the Taurus Area.

It must be noted that the 2007 Cusac exploration program concentrated mainly on the 88 Hill area. There is still much compilation to complete the Taurus database to include infill sampling, relogging, check logging and compiling old drill data of the other 6 zones. The 88 Hill zone was chosen as a first priority due to it's more advanced stage of exploration and this zone contains the most number of drillholes and geological data.

Another complication is that the controls on T3 and T4 styles of gold mineralization may well be different. It has been noted that textures from thin section work imply that some of the known T3 mineralization has overprinted T4 mineralization.

The 88 Hill area has been drilled on 50-metre centers from section 500W to 1000W, and 100-meter centers from 1000W to 1300W (88 West). Both areas are open to north, to the Highway Zone. In fact, the 88 Hill, Sable and Plaza zones are likely continuous with the Taurus Mine to the east, although no drillholes have tested that part of the trend. This deposit is open in all directions really until the structural controls on the gold distribution have been resolved.

In conclusion the Taurus Property holds excellent potential for both low and high grade gold targets. The significant amount of previous exploration has not adequately tested the property.

4.0 RECOMMENDATIONS

At this stage a solid working geological model is required to understand the geometry of both individual and multiple gold zones and to guide future exploration and development. **Compilation** is priority so that geological studies will be directed in the proper direction without re-doing previous work and to benefit from the multi millions of dollars that have already been spent on exploring this property. Hawthorne Gold Ltd. has recently merged with Cusac Gold Mines Ltd. and the colossal amount of data will shortly be transferred from the Table Mountain minesite office to their Vancouver Office where a whole floor of an office building is to be designated to the Cassiar Gold Camp Compilation.
A uniform grid system should be established for all future exploration. Cusac has adopted the section naming using the 'Easting" method rather than the cut grid that Cypress established. The reason for this is that GPS units are used regularly for field work now and the old cut grids have been naturally reclaimed and are very difficult to find.
Cusac's 2006 Lidar survey should be used intensively for property scale exploration. The survey data still needs to be completely incorporated into the database. To date, only the priority area which is the central core of the Erickson Creek Fault Zone has been fully extracted and brought into the database.
In order to improve the confidence in future resource estimates and to establish a uniform sampling method the following recommendations should be continued:

Continue the infill and re-sampling of low grade intersections and verification of high grade intersections in the pre-1994 drill holes.

Continuation of infill and where needed re-logging of core using the common lithological nomenclature established by Cusac's 2007 program.

Diamond Drilling will be directed mainly gaps in the model and at extremities of the model to improve confidence in and expand the resource. Especially the obvious gaps in drilling between;

a) Taurus mine and Plaza workings,
b) Sable workings and 88 Hill
c) East end of the Highway Zone near Quartzrock Creek

Diamond drilling should use a range of hole orientations to test a number of northerly trending mineralized structures that may be under-represented in work to-date.

Metallurgical Studies The T4 and T3 -types of ore require metallurgical characterization in order that process selection and development may follow. A further, more detailed, phase of the testing of the Taurus ore types will be required should the project develop to the engineering design and pre-construction feasibility stage.
A copy of the recommended test program outlining the first phase of metallurgical testing from Wardrop's Technical Report for Cusac dated May 15, 2007 is located in Appendix G, together with a budget cost for these tests. Cusac / Hawthorne will complete the metallurgical tests on the 174 samples sent to Vancouver in September of 2007. These samples have been well documented and logged.

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6.0 STATEMENT OF COSTS

Cusac Gold Mines Ltd			
2007 Taurus Exploration Project Cost Statement			
June 19 to July 2 2007			
General	1st Aid	$2,500.00	
	Camp Maintenance	$367.49	
	Camp Supplies	$1,245.19	
	Groceries	$1,134.00	
	Communications	$504.71	
	Vehicle Repair and Maintenance	$1,581.50	
	Exploration Supplies	$2,308.72	
	Misc Fees	$145.29	
	Rent	$149.65	$9,936.55
Drilling	DJ Drilling Direct Costs	$118,681.06	
	Core storage	$1,245.00	
	Assaying	$31,795.00	
	Sperry Sun Rental	$1,033.50	$152,754.56
Freight	Freight Misc	$56.25	
	Freight Samples	$764.00	$820.25
Fuel	Fuel	$2,800.00	$2,800.00
Travel	Travel Accomodations	$564.00	
	Travel Airfare	$1,875.00	
	Travel Busfare	$241.00	
	Travel Meals	$56.10	
	Travel Taxi Fare	$56.80	$2,792.90
Wages	Wages Contract	$7,000.00	
	Wages Staff	$11,450.00	
	Exploration - CPP Expenses	$456.05	
	Exploration - EI Expenses	$200.88	
	Exploration - WCB Expenses	$1,035.81	$20,142.74
TOTAL			**$189,247.00**

APPENDIX A

STATEMENT OF QUALIFICATIONS

Appendix A: Statement of Qualifications

I, Lesley C. Hunt, B.Sc., of
Km 632 Hwy 37N,
Jade City, BC,

do hereby certify that:

I am a geology graduate of Lakehead University, Thunder Bay, Ontario, 1985.

I have practiced as a geologist, since 1984 for various companies in Canada and overseas.

I have been employed as a senior project/mine geologist and VPExploration at the Table Mountain Property by Cusac Gold Mines Ltd. more or less continuously since June 1994. The current work was supervised by Mike Glover and myself with George Sanders acting as QP.

I may, at any given time, hold securities or options to acquire securities in Cusac Gold Mines Ltd..

Signed this 14th day of December, 2007 at Dawson Creek, British Columbia

Lesley C. Hunt, B.Sc.

APPENDIX B

TAURUS PROPERTY LITHOLOGY KEY

APPENDIX B
Key to Lithological Codes and Abbreviations

Taurus Project Lithology Legend	
T1	Basalt
T1A	Pillow Basalt
T1F	Basalt Mag or Jasper
T2	Altered Basalt
T3	Pyritic Mineralized Zone
T4	Pyritic Quartz Vein Zone >5% QV's
T4A	Pyritic Quartz Vein Zone <5% QV's
T5	Quartz Vein
T6	Graphitic Argillite
T7	Argillaceous Chert
T7A	Chert
T8	Mafic Tuff
T9	Ultramafic Volcanic
T10	Mafic Dyke
T11	Lamprophyre
T12	Massive Sulphide
T13	Mudstone

Alteration	
D	Dolomite/dolomitization
Ser	Sericite
Sil	Silica
K	Clay
Chl	Chlorite
Gf	Graphite
M	Mariposite
Ca	Carbonate/Calcite
Q/Qtz	Quartz
alt'n	Alteration
frac ('d)	fracture (d)

Alteration Modifiers	
w	weak
m	moderate
i	intense
(p)	pervasive
(f)	fracture controlled

Mineralization	
Py	Pyrite
sph	Sphalerite
cpy	Chalcopyrite
tet	Tetrahedrite
aspy	Arsenopyrite
VG	Visible Gold
FeOX	Iron Oxides

Table Mountain	
QVLT	Quartz Veinlet
QVBX	Quartz Vein BX
QVb	Quartz Vein Bull
QV	Quartz Vein
QSTWK	Quartz Stockwork
QSTRZ	Quartz Stringer Zone
QSTR	Quartz Stringer
QCV	Quartz Carbonate Vein
OB	Overburden
FLT	Fault
7a	Listwanite (Serpentinite)
7b	Listwanite (Talc Carbonate, Qtz)
7c	Listwanite (Mariposite, Qtz)
5Dd	Graphitic Argillite
5CfBXr	Cherty Matrix BX, Rewk'd
5CfBXg	Cherty Matrix BX, Graphitic
5CfBXb	Cherty Matrix BX, Black
5CfBX	Cherty Matrix BX
5CeBX	Brecciated Cherty Tuffs
5Ce	Cherty Tuff / Tuffaceous chert
5Cd	Argillaceous Chert
5CamD	Volcanics, Mod Dolomitization
5CamiD	Volcanics, Mod-Int Dolomitization
5CaiD	Volcanics, Int Dol
5CaiDBX	Volcanics, IntDol BX'd
5CaBXg	Volcanics, Int Graph BX'n
5CaBX	Volcanics, BX'd
5Ca/5Ce	Volcanics/Cherty Tuffs
5Ca	Volcanics
10a	Mafic Dyke
10b	Lamprophyre Dyke

vfgr	Very fine grained
fgr	Fine grained
mgr	Medium Grained
cgr	Coarse Grained
CSE	Coarse sub to euhedral (Py)
TCA	to core axis (angles)
UC	Upper contact
LC	Lower contact
BX	Breccia
BX'n	Brecciation
cbx	Crackle Breccia
vnlt	Veinlet
str	Stringer

APPENDIX C

DIAMOND DRILL LOGS

Cusac Gold Mines Ltd.	07 Taurus	Diamond Drill Hole Log	07TC-01

Collar Details		
Longitude	459631.0	E
Latitude	6570378.0	N
Elevation	1108.0	m ASL
End of Hole	154.5	m
Azimuth	170.7	
Dip	-55.4	

Purpose:
Infill & Metallurgical Drilling 88 Hill

Started	June 19, 2007		
Finished	June 21, 2007		
Logged By:	S. Anderson	C. Zwarich	
Tests	Depth	Az	Dip
	0.0	170.7	-55.4

Depth From	To (m)	Lith. Code	Struc	Lithology	Description	From (m)	To (m)	Sample #	Width (m)	AU g/t	Q %	Py (%) Cgr	Py (%) Fgr	Cpy (%)	Sph (%)	Tet (%)	Aspy (%)	VG Occ	Alt'n Ser
0	4.3	OB			Casing/ Overburden.	3.05	4.30	31151	1.25	0.48	0%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4.30	5.45	T4A		Py QV Zone <5% Q	Subcrop. iFeOx as fracture and halos. cgr Py up to 7% locally, fgr Py up to 1% locally. Average Py 3%. 4.6-5.45 iSer, one Q veinlet, no sulphide.	4.30	5.45	31152	1.15	0.50	1%	2.97	0.99	0.00	0.00	0.00	0.00	0.00	2.97
5.45	6.35	T5	QV	QV	UC @45TCA, LC @45TCA. Mostly white, moderately fractured Q. FeOx stained, with a few stylolite fractures with gr/Py. Few T4 inclusions near UC. Lower 10cm multiphase Q with intense T4 fragments. f-cgr Py in Q 0.75%, f-cgr Py in T4 frags 2% of total sample. Altogether, 2.75%. Where is this 2.75% in the spreadsheet?	5.45	6.35	31153	0.90	1.90	95%	0.71	0.81	0.00	0.00	0.00	0.00	0.00	0.00
6.35	12.15	T4A		Py QV Zone <5% Q	Relatively massive grey. Few Q/Ca +/- Chl veinlets. No sulphide.	6.35	7.85	31154	1.50	0.27	0%	1.50	1.00	0.00	0.00	0.00	0.00	0.00	0.00
						7.85	9.35	31155	1.50	0.01	0%	1.50	1.00	0.00	0.00	0.00	0.00	0.00	0.00
						9.35	10.75	31156	1.40	0.22	2%	1.47	0.98	0.00	0.00	0.00	0.00	0.00	0.00
						10.75	12.15	31157	1.40	0.01	1%	1.49	0.99	0.00	0.00	0.00	0.00	0.00	0.00
12.15	14.02	T4A		Py QV Zone <5% Q	10% Q stringers. mSer. 12.15-13.6 cgr Py 1-5%, local average 2%. fgr Py 1%, 0.5% Aspy. Q stringers cgr Py 2% often in clots to 1cm, especially associated with graphitic fractures. 13.6-15.0 As above.	12.15	13.60	31158	1.45	0.85	2%	1.96	2.94	0.00	0.00	0.00	0.49	0.00	1.96
						13.60	15.00	31159	1.40	9.22	8%	1.84	2.76	0.00	0.00	0.00	0.46	0.00	0.00
14.02	14.40	T10		Mafic Dyke	Vague UC. Soft medium green Chl and biotite. Discrete lower contact @20TCA.														
14.40	22.30	T4		Py QV Zone >5% Q	10% Q stringers. Weak PDO @45TCA. Q stringers to 10cm, average of 3cm. 15.0-16.5 As in 12.15-13.6. 16.5-18.0 As above. 17.9-18.1 Moderate fault, iK	15.00	16.50	31161	1.50	3.39	1%	1.98	2.97	0.00	0.00	0.00	0.50	0.00	0.00
						16.50	18.00	31162	1.50	0.91	5%	1.90	2.85	0.00	0.00	0.00	0.48	0.00	0.00
						18.00	19.00	31163	1.00	1.31	3%	1.94	2.91	0.00	0.00	0.00	0.49	0.00	0.00
						19.00	19.30	31164	0.30	32.80	80%	1.60	1.60	0.50	1.50	0.40	0.10	1.00	0.00
						19.30	20.80	31165	1.50	4.31	1%	1.98	1.98	0.00	0.00	0.00	0.50	0.00	0.00

Depth From	To (m)	Lith. Code	Struc	Lithology	Description	From (m)	To (m)	Sample #	Width (m)	AU g/t	Q %	Py (%) Cgr	Py (%) Fgr	Cpy (%)	Sph (%)	Tet (%)	Aspy (%)	VG Occ	Alt'n Ser
					[illegible] moderate fault, IK gouge/rubble. 18.0-19.0 As in 12.15-13.6. 19.0-19.3 Three Q stringers. 1x10cm with 1.5% Sph, 0.5% Tet , 2% Py, 0.5% Cpy and 1mm size speck of visible gold. 19.7-20.8 Weak fault, rubbly core. As in 12.15-13.6. 20.8-22.3 As above	20.80	22.30	31166	1.50	1.02	10%	1.80	1.80	0.00	0.00	0.00	0.45	0.00	0.00
22.30	23.80	T4A		Py QV Zone <5% Q	Medium to dark grey, weakly dolomitized volcanics. Few shear, relatively Q/Ca veinlets, locally boudinized. PDO @45TCA. 1.25% cgr euhedral Py diss to 1cm. Trace Py in Q stringers	22.30	23.80	31167	1.50	0.03	1%	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00
23.80	24.20	T4		Py QV Zone >5% Q	As above.	23.80	24.20	31168	0.40	0.69	2%	1.96	1.96	0.00	0.00	0.00	0.00	0.00	0.00
24.20	24.50	T5	QV	QV	White quartz weakly fractured. Few clear Si filled fractures parallel TCA. Locally vuggy. 0.25% mgr Py especially associated with fractures. wG +/- clay and FW. One speck visible gold 1mm atFW	24.20	24.50	31169	0.30	5.73	95%	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00
24.50	24.80	T4		Py QV Zone >5% Q		24.50	25.20	31171	0.70	1.93	1%	6.93	2.97	0.00	0.00	0.00	0.10	0.00	0.00
24.80	25.20	T2		Altered Basalt															
25.20	33.60	T1		Basalt	Medium to dark green, few Q/Ca/Chl veinlets. 25.2-33.6 Trace cgr euhedral Py diss.	25.20	26.70	31172	1.50	0.01	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						26.70	28.20	31173	1.50	0.01	0%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						28.20	29.70	31174	1.50	0.01	2%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						29.70	31.20	31175	1.50	0.01	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						31.20	32.70	31176	1.50	0.01	4%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						32.70	33.60	31177	0.90	0.01	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33.60	34.70	T2		Altered Basalt	Trace cgr euhedral Py diss.	33.60	34.70	31178	1.10	0.78	3%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
34.70	37.10	T4		Py QV Zone >5% Q	Light grey with slight purple hue, fgr, massive fabric, weakly fracture filled G +/- K, no PDO. Q stringers approx @55TCA, milky white, moderately to intensely fractured, some filled with dark Q with G impurity. 36.2-37.1 12% Cse Py, 0.5% cgr Py in Q stringer.	34.70	36.20	31179	1.50	1.79	10%	4.51	1.81	0.00	0.00	0.00	0.90	0.00	0.00
						36.20	37.10	31181	0.90	4.75	10%	10.85	0.05	0.00	0.00	0.00	0.90	0.00	0.00
37.10	37.40	T5	QV	QV	Milky white, intensely fracture filled with dark Q+/- Py and K. Few unfilled voids, fracture and void controlled Py +/- G and K. Fracture controlled Py 7%, Cse Py approx 0.5%.	37.10	37.40	31182	0.30	17.50	90%	0.45	0.45	0.00	0.00	0.00	0.00	0.00	0.00
37.40	42.10	T4A		Py QV Zone <5% Q	Medium grey fine to medium gr, massive moderately fracture filled with G+/- K, few Q veinlets approx @55TCA.	37.40	38.71	31183	1.31	3.87	2%	4.90	1.96	0.00	0.00	0.00	0.98	0.00	0.00
						38.71	39.60	31184	0.89	0.01	2%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
						39.60	41.00	31185	1.40	0.01	2%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00

Depth From	To (m)	Lith. Code	Struc	Lithology	Description	From (m)	To (m)	Sample #	Width (m)	AU g/t	Q %	Py (%) Cgr	Py (%) Fgr	Cpy (%)	Sph (%)	Tet (%)	Aspy (%)	VG Occ	Alt'n Ser
					38.71-42.1 Medium green grey, moderately fractured filled with graphite, moderate Ca veinlets approx @30TCA. Trace cgr diss Py, trace frac Py, 1% Aspy. 39.6-41.0 As above. 41.0-42.1 As above.	41.00	42.10	31186	1.10	0.01	1%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
42.10	43.00	T4		Py QV Zone >5% Q	As per 37.4-42.1 with approximately 20cm Q stringer, milky white Q with no apparent mineralization approx @60TCA.	42.10	43.00	31187	0.90	1.07	20%	5.60	0.40	0.00	0.00	0.00	0.40	0.00	0.00
43.00	45.35	T4A		Py QV Zone <5% Q	Light to medium green, moderately fracture filled with Ca/G +/- K, locally intense fracture filled with clay. **T2?**	43.00	44.50	31188	1.50	0.01	1%	0.10	0.25	0.00	0.00	0.99	0.00	0.00	0.00
						44.50	45.35	31189	0.85	0.01	1%	0.10	0.25	0.00	0.00	0.50	0.00	0.00	0.00
45.35	63.90	T4		Py QV Zone >5% Q	Light grey with purple hue, fgr, mod fracture filled with G+/- K Q stringers @>60TCA. Milky white moderate to intense fracture filled with silica rich graphite with or without clay. Local incompetent core. Rubble, open fractures, moderate K, moderately Chl locally. 53.1-53.93 Fractured Py in Q stringer accounted for in 3% displayed. 58.05-59.5 Q stringer orientation chage to @40TCA, +/- 5.	45.35	46.10	31191	0.75	0.01	2%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						46.10	47.15	31192	1.05	1.76	20%	8.00	1.60	0.00	0.00	0.00	0.80	0.00	0.00
						47.15	48.65	31193	1.50	4.15	15%	5.95	0.85	0.00	0.00	0.00	0.85	0.00	0.85
						48.65	50.00	31194	1.35	0.60	20%	0.20	1.80	0.00	0.00	0.00	0.40	0.00	0.00
						50.00	51.50	31195	1.50	0.65	10%	6.30	0.45	0.00	0.00	0.00	0.90	0.00	0.00
						51.50	53.10	31196	1.60	0.22	1%	0.00	1.24	0.00	0.00	0.00	0.50	0.00	0.00
						53.10	53.93	31197	0.83	2.70	25%	15.00	3.00	0.00	0.00	0.00	0.75	0.00	0.00
						53.93	55.30	31198	1.37	1.41	5%	0.95	0.48	0.00	0.00	0.00	0.48	0.00	0.00
						55.30	56.55	31199	1.25	0.95	10%	3.60	1.80	0.00	0.00	0.00	0.45	0.00	0.00
						56.55	58.05	31201	1.50	0.35	7%	0.47	0.47	0.00	0.00	0.00	0.47	0.00	0.00
						58.05	59.50	31202	1.45	0.89	7%	4.65	1.86	0.00	0.00	0.00	0.47	0.00	0.00
						59.50	61.00	31203	1.50	0.53	3%	2.91	0.97	0.00	0.25	0.00	0.97	0.00	0.00
						61.00	62.50	31204	1.50	0.94	12%	6.16	0.44	0.00	0.00	0.00	0.88	0.00	0.01
						62.50	63.90	31205	1.40	1.05	6%	2.82	0.47	0.00	0.00	0.00	0.47	0.00	0.00
63.90	64.15	T5	QV	QV	Milky white Q, moderately fracture filled with G bounded by grey Q, also moderate K.	63.90	64.15	31206	0.25	0.01	98%	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00
64.15	69.90	T4		Py QV Zone >5% Q	As per 45.35-63.9.	64.15	65.50	31207	1.35	0.10	1%	0.99	0.99	0.00	0.00	0.50	0.00	0.00	0.00
						65.50	67.00	31208	1.50	0.01	5%	0.95	0.95	0.00	0.00	0.48	0.00	0.00	0.00
						67.00	68.50	31209	1.50	1.12	5%	0.95	0.95	0.00	0.00	0.00	0.48	0.00	0.00
						68.50	70.00	31211	1.50	0.26	1%	0.99	0.99	0.00	0.00	0.00	0.00	0.00	0.00
69.90	72.10	T2		Altered Basalt	Grey-medium green, fgr, massive moderately fractured, filled with Ca and mK.	70.00	71.50	31212	1.50	0.01	3%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						71.50	72.10	31213	0.60	0.01	3%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
72.10	73.00	T4A		Py QV Zone <5% Q	Light yellow with purple hue. Moderately fractured, filled with Ca, mK (P) zone.	72.10	73.00	31214	0.90	0.01	3%	0.24	0.00	0.00	0.00	0.10	0.00	0.00	0.00
73.00	74.85	T2		Altered Basalt	As per above.	73.00	74.20	31215	1.20	0.01	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						74.20	74.85	31216	0.65	0.01	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74.85	75.50	T4A		Py QV Zone <5% Q	Light yellow, fgr, massive intensely fractured, filled with G, mCa veinlets.	74.85	75.50	31217	0.65	0.09	1%	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00

Depth From	To (m)	Lith. Code	Struc	Lithology	Description	From (m)	To (m)	Sample #	Width (m)	AU g/t	Q %	Py (%) Cgr	Py (%) Fgr	Cpy (%)	Sph (%)	Tet (%)	Aspy (%)	VG Occ	Alt'n Ser
75.50	75.90	T5	QV	QV	Milky white Q, moderately fractured, filled with G/grey Q. Bounded by 6cm zones of intense fractures filled with G and anastomosing large grey and white Q. No sulphide in QV. 5% fractured Py in bounding zones.	75.50	75.90	31218	0.40	0.98	95%	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00
75.90	79.65	T4A		Py QV Zone <5% Q	First meter as per above, rest is moderate fracture filled with Ca. One Q stringer approx 6cm, milky white approx perpendicular TCA.	75.90	77.40	31219	1.50	1.73	1%	4.95	0.25	0.00	0.00	0.00	0.10	0.00	0.00
						77.40	78.90	31221	1.50	0.76	5%	4.75	0.24	0.00	0.00	0.00	0.10	0.00	0.00
						78.90	79.65	31222	0.75	1.03	5%	2.85	0.24	0.00	0.00	0.00	0.01	0.00	0.00
79.65	80.00	T5	QV	QV	As per 63.9-64.15.	79.65	80.00	31223	0.35	0.11	99%	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00
80.00	83.00	T4A		Py QV Zone <5% Q	Light grey with purple hue, fgr. Massive, moderate fracture filled with G/Si/mCa veinlets. 81.5-83.0 3% cgr Py, 0.5% fgr diss Py. Q stringer 0.25% Py, trace Aspy bounded by 1mm - 3mm thick band of Aspy. Fracture controlled Aspy 0.5%	80.00	81.50	31224	1.50	1.64	2%	2.94	1.72	0.00	0.00	0.00	0.10	0.00	0.00
						81.50	83.00	31225	1.50	1.85	5%	2.86	0.49	0.00	0.00	0.03	0.00	0.00	0.00
83.00	85.55	T2		Altered Basalt	Light grey, fgr, massive altered basalt, mCa approx @30TCA.	83.00	84.50	31226	1.50	0.01	2%	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00
						84.50	85.55	31227	1.05	0.01	1%	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00
85.55	91.85	T1		Basalt	Medium green, f-mgr, massive. Few Ca veinlets weakly fracture filled with Ca/G.	85.55	87.00	31228	1.45	0.01	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						87.00	88.65	31229	1.65	0.01	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						88.65	90.35	31231	1.70	0.01	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						90.35	91.85	31232	1.50	0.01	2%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
91.85	93.40	T2		Altered Basalt	As per above, conatins two Q stringers. Milky white Q, UC approx @30TCA. no LC. Fault. Q stringer has trace Tet.	91.85	93.40	31233	1.55	0.01	3%	0.00	0.24	0.00	0.00	0.25	0.00	0.00	0.00
93.40	95.90	T2		Altered Basalt	Slight green-light grey, fgr, massive. Q stringer approx 15cm at 93.4. UC and LC approx @30TCA, milky white. No sulphide in Q, but in volcanics at contacts. Py, arsenopyrite, green mineral- chlorite?. Serpentinite- green along fracture. Weak fault? Blocky. 93.4-94.3 cgr Py 0.5% diss, fgr Py 0.25% diss. Aspy locally 1%, 0.25% overall. Trace Tet.	93.40	94.30	31234	0.90	0.19	12%	0.44	0.22	0.00	0.00	0.00	0.12	0.00	0.00
						94.30	95.30	31235	1.00	0.01	1%	0.25	0.25	0.00	0.00	0.00	0.00	0.00	0.00
						95.30	95.90	31236	0.60	0.01	1%	0.25	0.10	0.00	0.00	0.00	0.00	0.00	0.00
95.90	99.15	T1		Basalt	Medium green-grey, fgr, massive. Few Ca veinlets. Py in volcanics.	95.90	97.40	31237	1.50	0.01	1%	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						97.40	98.20	31238	0.80	0.01	1%	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						98.20	99.15	31239	0.95	0.01	1%	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00
99.15	100.40	T2		Altered Basalt	Light grey, fgr, massive. Few Ca veinlets. Py, euhedral-subhedral. cgr Py diss 0.25%, cgr Py clotted - trace, fgr Py diss 0.25%	99.15	100.40	31241	1.25	0.01	1%	0.25	0.25	0.00	0.00	0.00	0.00	0.00	0.00

Depth From	To (m)	Lith. Code	Struc	Lithology	Description	From (m)	To (m)	Sample #	Width (m)	AU g/t	Q %	Py (%) Cgr	Py (%) Fgr	Cpy (%)	Sph (%)	Tet (%)	Aspy (%)	VG Occ	Alt'n Ser
100.40	101.90	T4A		Py QV Zone <5% Q	Light grey, fgr, massive. Locally moderately fractured, filled with siliceous graphite. Few Q veinlets, few Q stringers approx @30TCA. Weak fault? Blocky. cgr Py diss 3%, cgr Py fracture controlled 1%, cgr Py up to 5mm- euhedral. fgr Py diss 0.25%, 0.5% Tet.	100.40	101.90	31242	1.50	0.63	1%	2.97	1.24	0.00	0.00	0.50	0.00	0.00	0.00
101.90	103.40	T4A		Py QV Zone <5% Q	Light grey, fgr, massive, locally moderately fractured, filled with siliceous graphite. Few Q veinlets, no PDO. cgr Py diss locally 5%, approx 2% overall. cgr Py clotted locally 7%, approx 3% overall. 0.25% Aspy. cgr Py, euhedral-subhedral	101.90	103.40	31243	1.50	1.00	2%	4.90	0.00	0.00	0.00	0.00	0.25	0.00	0.00
103.40	107.40	T4A		Py QV Zone <5% Q	Light grey. fgr, massive, Fault at 103.4, approx 5cm, BX zone. UC and LC approx @30TCA. Q clasts and altered basalt clasts, approx 70% clasts, 30% matrix. Matrix -G, clasts are 1-30mm. intensely fractured, filled with G. Q stringer at approx 104.0, milky white, UC and LC approx @30TCA. LC intensely graphitic. Few Q veinlets, no PDO. 103.4-104.9 cgr Py diss 3%, cgr Py clotted 5% locally, 2% overall, 0.25% Aspy. 104.9-106.4 cgr Py diss 2%, cgr Py clotted 1%, Py more concentrated in and around intense fracture zones. 106.4-107.4 cgr Py diss 2%, cgr Py clotted 0.5%, fgr Py diss 0.25%, 0.25% Aspy.	103.40	104.90	31244	1.50	3.65	7%	4.65	0.00	0.00	0.00	0.00	0.23	0.00	0.00
						104.90	106.40	31245	1.50	1.13	3%	2.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						106.40	107.40	31246	1.00	145.00	7%	1.86	0.23	0.00	0.00	0.00	0.23	0.00	0.00
107.40	111.55	T4A		Py QV Zone <5% Q	Light grey, fgr. Massive, weakly to moderately fractured, filled with granite. Few Q veinlets, no PDO. Q stringer at approx 108.25 for approx 7cm. UC and LC appro @45TCA. Milky-chalky white. Py. 107.4-108.9 cgr Py clotted appprox 0.25%. Trace fgr diss Py.	107.40	108.90	31247	1.50	0.17	7%	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						108.90	110.40	31248	1.50	0.09	2%	0.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						110.40	111.55	31249	1.15	0.93	5%	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00
111.55	113.00	T4A		Py QV Zone <5% Q	Slightly green-light grey, fgr, massive. Weak fault? Blocky. intensely fractured, filled with Q/Ca. Py.	111.55	113.00	31251	1.45	0.01	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
113.00	115.30	T4A		Py QV Zone <5% Q	Light grey, fgr, massive. Weak fault?	113.00	114.50	31252	1.50	0.01	1%	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Depth From	To (m)	Lith. Code	Struc	Lithology	Description	From (m)	To (m)	Sample #	Width (m)	AU g/t	Q %	Py (%) Cgr	Py (%) Fgr	Cpy (%)	Sph (%)	Tet (%)	Aspy (%)	VG Occ	Alt'n Ser
					Blocky.	114.50	115.30	31253	0.80	0.17	1%	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115.30	116.70	T2		Altered Basalt	Medium green-grey, fgr, massive. Q stringer approx 1cm at 115.65. No apparent sulphides. Light grey zone from 116.7-116.9	115.30	116.70	31254	1.40	0.01	2%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
116.70	117.70	T2		Altered Basalt	Medium green-grey, fgr, massive. Weakly fractured, filled with graphite. Py.	116.70	117.70	31255	1.00	0.01	1%	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00
117.70	118.60	T2		Altered Basalt	Light grey, fgr, massive.	117.70	118.60	31256	0.90	0.09	2%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
118.60	119.35	T4A		Py QV Zone <5% Q	Medium mauve-grey, fgr, massive. Intensely fractured, filled with graphite. cgr Py, euhedral 0.5% overall, locally approx 1%.	118.60	119.35	31257	0.75	1.16	4%	0.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00
119.35	121.00	T4A		Py QV Zone <5% Q	Light buff grey, fgr, massive. Weakly fractured, filled with siliceous graphite. Py. mSer.	119.35	121.00	31258	1.65	0.01	2%	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121.00	122.50	T4		Py QV Zone >5% Q	Light buff grey, fgr, massive. Weak-moderately fractured, filled with siliceous graphite. mSer. Some Q veinlets. Q stringer at 121.5, milky white approx 8cm. Two Q-chert stringers at 121.05 and 122.25. Q stringer at 122.15. Overall Q approx 10%.	121.00	122.50	31259	1.50	0.01	15%	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00
122.50	123.15	T4A		Py QV Zone <5% Q	Light buff grey, fgr, massive. Weak to moderately fractured, filled with siliceous graphite. Serpentinite along breaks. Some Q veinlets. mSer.	122.50	123.15	31261	0.65	0.03	2%	0.25	0.49	0.00	0.00	0.10	0.00	0.00	0.00
123.15	130.50	T2		Altered Basalt	Light buff grey, fgr, massive. mSer. Blebs of Q-chert approx 5cm. No apparent sulphides. mSer.	123.15	124.50	31262	1.35	0.01	5%	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						124.50	126.00	31263	1.50	0.01	3%	0.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						126.00	127.50	31264	1.50	0.01	7%	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						127.50	129.00	31265	1.50	0.01	3%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						129.00	130.50	31266	1.50	0.01	3%	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.50	130.85	FLT	FLT	Altered Basalt	Fault gouge. Medium grey, fgr, massive. Moderately fractured, filled with graphite. Locally BX with Q blebs. intense clay-kaolinite?	130.50	130.85	31267	0.35	0.60	1%	0.25	0.50	0.00	0.00	0.00	0.00	0.00	0.00
130.85	131.95	T2		Altered Basalt	Light green-grey, fgr, massive. m-iSer, locally moderately fractured, filled with siliceous graphite. cgr diss Py, concentrated around fracture. Locally approx 3%, 0.25% overall.	130.85	131.95	31268	1.10	0.01	2%	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00
131.95	134.35	T2		Altered Basalt	iSer, locally iCBX. intensely fractured,	131.95	133.20	31269	1.25	0.19	4%	0.48	0.00	0.10	0.00	0.00	0.01	0.00	0.00

Depth From	To (m)	Lith. Code	Struc	Lithology	Description	From (m)	To (m)	Sample #	Width (m)	AU g/t	Q %	Py (%) Cgr	Py (%) Fgr	Cpy (%)	Sph (%)	Tet (%)	Aspy (%)	VG Occ	Alt'n Ser
					filled with graphite. Tan-light grey. Few Q stringers, at 132.5 approx 2cm, @25TCA. Others no PDO. Cal Py? in Q stringer 131.95-133.2 cgr Py diss 0.5%. Arpy? diss, locally 0.25%. Cal Py in Q stringer 0.25%. ICP	133.20	134.35	31271	1.15	0.01	3%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
134.35	135.35	T4A		Py QV Zone <5% Q	Light grey, fgr, massive. Moderate to intensely fractured, filled with graphite. cgr Py 0.25% clotted. Euhedral-subhedral cgr Py diss 0.25%, 0.25% Tet	134.35	135.35	31272	1.00	0.01	3%	0.49	0.00	0.00	0.00	0.24	0.00	0.00	0.00
135.35	136.85	T4A		Py QV Zone <5% Q	Buff-tan grey, m-iSer. fgr, massive, moderate-intensely fractured, filled with graphite. Q veinlet approx @30TCA. Trace cgr Py diss, euhedral.	135.35	136.85	31273	1.50	0.01	2%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
136.85	138.35	T4A		Py QV Zone <5% Q	Slightly buff-grey, mSer, fgr, massive. Few Q veinlets, weakly fractured, filled with siliceous graphite. Q stringer at approx 137.0, approx 10cm, approx @45TCA, contains Cal Py. Dissolved clasts leaving rims 0.5-2cm. Q stringer at approx 137.2, 5cm, UC @60TCA, LC @45TCA, -Cal Py. Ser in Q veinlets and stringers. Trace Cal Py in Q stringers. cgr Py rimmed with graphite approx 0.25%, diss, euhedral.	136.85	138.35	31274	1.50	0.01	12%	0.22	0.00	0.10	0.00	0.00	0.00	0.00	0.00
138.35	139.30	T4A		Py QV Zone <5% Q	Light grey, fgr, massive. Weakly fractured, filled with siliceous graphite. cgr Py 0.25%, euhedral, trace of Tet. **T2?**	138.35	139.30	31275	0.95	0.01	1%	0.25	0.00	0.00	0.00	0.10	0.00	0.00	0.00
139.30	140.15	T4A		Py QV Zone <5% Q	Light grey, fgr, massive. Weakly fractured, filled with graphite. Very few Q veinlets. cgr Py 0.25% euhedral.**T2?**	139.30	140.15	31276	0.85	0.01	1%	0.25	0.00	0.00	0.00	0.10	0.00	0.00	0.00
140.15	141.65	T2		Altered Basalt	Slight green-grey, fgr, massive. Weakly fractured, filled with graphite.	140.15	141.65	31277	1.50	0.01	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141.65	145.40	T2		Altered Basalt	Light green-grey, fgr, massive. Py.														
145.40	149.60	T1		Basalt	Medium green-grey, fgr, massive. Py.														
149.60	150.50	T1		Basalt	Light grey-slightly green, fgr, massive. Moderately fractured- Q. No apparent sulphides.														
150.50	152.00	T1F	SHRZ	Basalt	Dark green, red-hematite, fgr, massive. No apparent sulphides.														
152.00	154.53 EOH	T1F		Basalt	Dark green, red. Jasper and hematite, fgr, massive. No apparent sulphides. Few chert-Q veinlets.EOH														

Cusac Gold Mines Ltd.	07 Taurus	Diamond Drill Hole Log	07TC-02

Collar Details		
Longitude	459635.0	E
Latitude	6570344.0	N
Elevation	1108.0	m ASL
End of Hole	121.1	m
Azimuth	174.5	
Dip	-55.7	

Purpose:
Infill & Metallurgical Drilling 88 Hill

Started	June 21, 2007		
Finished	June 23, 2007		
Logged By:	L. Hunt		
Tests	Depth	Az	Dip
	0.0	174.5	-55.7

Depth From	To (m)	Lith. Code	Struc	Lithology	Description	From (m)	To (m)	Sample #	Width (m)	AU g/t	Q %	Py (%) Cgr	Py (%) Fgr	Cpy (%)	Sph (%)	Tet (%)	Aspy (%)	VG Occ	Alt'n Ser
0	3.50	OB		Overburden															
3.50	4.20	T2		Altered Basalt	Subcrop. T2 with increasing FeOx. Fracture, moderately to intensely broken core.	3.50	4.50	31401	1.00	0.01	5%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4.20	5.50	T2		Altered Basalt	Weak fracture, mSi, mSer.	4.50	5.50	31402	1.00	0.01	2%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.50	7.45	T4A		Py QV Zone <5% Q	mSi, mSer. 1% Q veinlet, no sulphide.	5.50	6.45	31403	0.95	0.90	6%	0.94	0.47	0.00	0.00	0.00	0.00	0.00	0.00
						6.45	7.45	31404	1.00	0.05	1%	0.99	0.50	0.00	0.00	0.00	0.00	0.00	0.00
7.45	8.65	T4		Py QV Zone >5% Q	25% Q/Ca veinlets, irregular 1-10cm. In volcanics cgr Py 70%, fractured controlled, 30% diss fgr Py, 20% diss, 30% fracture controlled. Trace sulphide in Q veinlets, especially at selvages.	7.45	8.65	31405	1.20	4.42	25%	5.25	1.50	0.00	0.00	0.00	1.50	0.00	0.00
8.65	14.30	T2		Altered Basalt	Weak to moderately fractured, mostly hairline. Few Q/Ca +/- Chl veinlets, mm scale. No PDO.	8.65	10.30	31406	1.65	0.01	1%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
						10.30	11.80	31407	1.50	0.01	1%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
						11.80	13.00	31408	1.20	0.01	2%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
						13.00	14.30	31409	1.30	0.01	2%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
14.30	15.05	T4A		Py QV Zone <5% Q	iD iSer. 5% Q veinlets mm-4cm. Note Q veinlets offset seen twice. Few Py, espcially at veinlets and selvages. Note diagram drawn in notes.	14.30	15.05	31411	0.75	9.70	5%	2.85	4.75	0.00	0.00	0.00	0.00	0.00	0.00
15.05	17.50	T2		Altered Basalt	Weakly fractured, few Q/Ca +/- Chl veinlets, mm scale @45-50TCA.	15.05	16.20	31412	1.15	0.03	1%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
						16.20	17.50	31413	1.30	0.05	1%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
17.50	18.30	T4A		Py QV Zone <5% Q	No Q stringers. fgr diss Py from 17.5-17.9 T3? (Very marked 1-2cm zone of D to cgr Py diss) 17.9-18.3 7% cgr Py. 17.5-17.9 15% fgr diss Py	17.50	18.30	31414	0.80	4.49	4%	3.36	6.72	0.00	0.00	0.00	0.00	0.00	0.00

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18.30	18.80	T5	BX	QV	Mostly white Q hosts 25-30% volcanic fragments (int. alteration). Fragments are 75% well digested and 25% fresh. QV contacts vague, LC appears to grade into irregular stringers. QV is weakly fractured. cgr Py appears to mostly associate with remnant and fresh fragments. Some diss in Q, some fracture controlled. cgr fragments 2%, cgr diss 0.25%, cgr fractures 1%. Total 2.5%. fgr Py in frags 1%, fgr Py fractured 0.5%, fgr Py diss 0.25%, f-mgr Aspy, total 1.75%.	18.30	18.80	31415	0.50	12.50	75%	0.63	0.44	0.00	0.00	0.00	0.03	0.00	0.00
18.80	19.20	T4A		Py QV Zone <5% Q	Intense fracture near LC T5 (20cm). 4cm Q stringer reworked "cherty" intense fracture. cgr Py 10%, fgr Py 7%, both in volcanics. cgr Py in Q stringer, especially in fracture 1%. fgr Py in Q stringer, especially in fracture, 0.5%. Aspy? Trace.	18.80	19.20	31416	0.40	1.18	1%	9.91	6.94	0.00	0.00	0.00	0.00	0.00	0.00
19.20	19.50	T2		Altered Basalt	19.2-25.5 Medium grey, fgr, intensely fractured. iK(f) mK(p). Few Q/Ca veinlets, some veinlets filled with white clay, trace cgr Py in Q veinlets, no PDO veinlets. Note regarding veinlets: perpendicular offsets of veinlets. (see diagram in logs).	19.20	20.70	31417	1.50	0.01	1%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
19.50	22.20	T2	FLT	Altered Basalt	Weak fault, intensely fractured subparallel TCA. Volcanics have only trace Py. 8cm Q veinlet @60TCA. No sulphide.	20.70	22.20	31418	1.50	0.01	5%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
22.20	25.50	T2		Altered Basalt	As noted in 19.2-19.5.	22.20	23.70	31419	1.50	0.01	4%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
						23.70	24.50	31421	0.80	0.19	20%	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00
						24.50	25.50	31422	1.00	0.01	1%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00

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25.50	26.60	T4A		Py QV Zone <5% Q	25.5-29.15 5% white Q stringers and veinlets @40TCA. Q veinlets are white with local bands of grey Q/digested fragments of iD volcanics parallel to veinlet selvages, local vugs to 0.5cm. Q veinlets host mSer in weak bands and localized clots to 1cm. mK(p) and localized clay filled fractures, hairline, to mm size. *Please check this to see that is it formatted correctly. There were a number of arrows in the logs directing the order of observations.*	25.50	26.95	31423	1.45	0.87	2%	4.90	2.94	0.00	0.00	0.00	0.00	0.00	0.00
26.60	26.70	FLT	FLT	Py QV Zone <5% Q	Volcanics. Fault @30TCA 1cm wide. Clay/Py matrix hosts Q veinlet fragments, very vuggy, matrix locally dissolved. No sulphide in Q veinlet fragments														
26.70	29.15	T4A		Py QV Zone <5% Q	26.95-28.45 In volcanics: cgr Py local 40%, average 15%, fgr diss 10%. In Q stringers: cgr Py 1% especially at veinlet selvages. Trace Sph, trace Aspy, trace Cpy. 28.45-29.15 cgr Py average 11% (local	26.95	28.45	31424	1.50	2.47	10%	13.60	9.10	0.10	0.10	0.00	0.01	0.00	0.00
						28.45	29.15	31425	0.70	0.20	1%	0.99	0.50	0.00	0.00	0.00	0.00	0.00	0.00
29.15	32.85	T2		Altered Basalt	Weak fracture with white clay filling. Few Q/Ca +/-K +/- Chl veinlets- irregular. No sulphide. 0.5cm fault at 29.15 @20TCA, Q veinlet no sulphide.	29.15	30.55	31426	1.40	0.03	1%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
						30.55	32.05	31427	1.50	0.03	1%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
						32.05	32.85	31428	0.80	0.04	1%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
32.85	33.00	T4A		Py QV Zone <5% Q	5% irregular Q veinlet, vuggy 0.5-1cm. Volcanics intensely vuggy. (See diagram in logs). In Q veinlet: 0.25% Tet, 0.25% Sph, trace Cpy, 0.25% cgr Py. In volcanics: 2% cgr, 1% fgr.	32.85	33.00	31429	0.15	0.91	3%	1.95	0.98	0.10	0.25	0.01	0.00	0.00	0.00
33.00	34.35	T2	BX	Altered Basalt	As above. Local BX with Ca +/- Q fragments. Very dry, trace Py, iK(f) and m-iK(p).	33.00	34.35	31431	1.35	0.10	2%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
34.35	37.00	T4A		Py QV Zone <5% Q	34.35-38.3 7-10% white Q/Ca veinlets. Very irregular with displacement to 5cm on approx parallel fault (TCA). Volcanics. mK(p) iSer both diss and banded (yellow tinge) subparallel to veinlets. Trace Py in veinlets especially at veinlet selvages.	34.35	35.85	31432	1.50	0.48	3%	2.91	2.91	0.00	0.00	0.00	0.00	0.00	0.00
						35.85	37.35	31433	1.50	0.61	10%	4.50	2.70	0.00	0.00	0.00	0.00	0.00	0.00
37.00	37.35	FLT	FLT	Py QV Zone <5% Q	Moderate fault, iK gouge @10TCA.														
37.35	38.30	T4A		Py QV Zone <5% Q	As noted in 34.35-37.0.	37.35	38.30	31434	0.95	0.42	4%	0.96	0.48	0.00	0.00	0.00	0.00	0.00	0.00

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38.30	42.70	T2		Altered Basalt	Weak to moderate fracture with few Q/Ca +/- Chl veinlets. mm scale, no PDO. 41.2-42.7 Increase in Ca alteration and local m-iSer.	38.30	39.80	31435	1.50	0.03	2%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
						39.80	41.30	31436	1.50	0.01	1%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
						41.30	42.70	31437	1.40	0.09	4%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
42.70	43.40	T4		Py QV Zone >5% Q	10cm Q stringer @60TCA. Marked change in hostrock from weak to moderate Ca alteration, no suphide, to classic T4 iCa alteration with cgr Py around Q stringer. mK(p) volcanics. In volcanics: cgr Py 10%, fgr Py 7%, mgr Aspy 1%. In Q stringer: trace cgr Py, trace cgr Aspy.	42.70	43.40	31438	0.70	2.36	15%	8.52	5.97	0.00	0.00	0.00	0.87	0.00	0.00
43.40	44.35	T2		Altered Basalt	Moderate to intense Ca alteration, few Q/Ca veinlets +/- Ser, very irregular.	43.40	44.35	31439	0.95	0.05	1%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
44.35	45.60	T4A		Py QV Zone <5% Q	Less than 1% Q veinlets. Intense Ca alteration, weak to locally moderate fracture, mK(p).	44.35	45.60	31441	1.25	8.02	1%	6.93	4.95	0.00	0.00	0.00	0.99	0.00	0.00
45.60	48.75	T2		Altered Basalt	As above.	45.60	47.10	31443	1.50	0.04	1%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
						47.10	48.75	31444	1.65	0.15	1%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
48.75	49.98	T4A		Py QV Zone <5% Q	Q veinlets, intense fracture, mSer, very irregular. 10% Q veinlets and stockwork hosted in iCa, wSer, locally w-mK(p). 48.75-50.25 cgr Py 7% (locally up to 20%).	48.75	50.25	31445	1.50	4.41	20%	5.60	3.20	0.00	0.00	0.00	0.80	0.00	0.00
49.98	50.00	FLT	FLT	Py QV Zone <5% Q	Fault 1cm, iK gouge @10TCA.														
50.00	52.55	T4A		Py QV Zone <5% Q		50.25	51.55	31446	1.30	3.24	3%	6.79	3.88	0.00	0.00	0.00	0.97	0.00	0.00
						51.55	52.85	31447	1.30	0.97	3%	6.79	3.88	0.00	0.00	0.00	0.97	0.00	0.00
52.55	52.85	FLT	FLT	Py QV Zone <5% Q	Intensely rubbly, iK gouge. Fault @25TCA.	52.85	54.25	31448	1.40	0.05	1%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
52.85	57.00	T2		Altered Basalt	Moderate to locally iCBX, iCa, mK(p) (yellowish tinge), mSer? Few Q/Ca veinlets, no sulphide. average 0.2-0.75cm, no PDO.	54.25	55.65	31449	1.40	0.06	1%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
						55.65	57.00	32001	1.35	0.01	1%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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57.00	57.40	T4A		Py QV Zone <5% Q	10% Q/Ca stockwork in iCa volcanic. Q/Ca is two types: first older intensely fractured iSer alteration with no sulphide and second fresh white/grey Q with sulphide as noted: In volcanics, especially at veinlet selvages cgr Py 2%, cgr Py 1%, f-mgr Tet 0.5%, trace Cpy, trace Sph. In Q veinlets cgr Py 0.5%, trace Cpy, trace Tet, trace Sph.	57.00	57.40	32002	0.40	0.37	10%	1.85	0.95	0.10	0.10	0.46	0.00	0.00	0.00
57.40	59.25	T2		Altered Basalt	iCa, mK(p) and local iK(f). Trace cgr Py and fgr Py, especially at 58.6.	57.40	58.30	32003	0.90	0.01	1%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
						58.30	59.25	32004	0.95	0.01	2%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
59.25	60.45	T4A		Py QV Zone <5% Q	5% weakly mineralized Q veinlets hosted in iCa wSer volcanics. Veinlets @25-30TCA. iK(f) in volcanics.	59.25	60.45	32005	1.20	0.01	5%	0.95	0.48	0.00	0.00	0.00	0.00	0.00	0.00
60.45	66.40	T2		Altered Basalt	Ca alteration grades from intense to w-m at 61.5. Few cgr Py mK(f) and (p). Local iCBX.	60.45	61.95	32006	1.50	0.01	1%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
						61.95	63.45	32007	1.50	0.01	1%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
						63.45	64.95	32008	1.50	0.01	1%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
						64.95	66.40	32009	1.45	0.05	1%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
66.40	67.60	T4A		Py QV Zone <5% Q	5% Q veinlets and stringers hosted in iCa iSer alteration volcanics, moderately fractured, local iCBX. In volcanics: cgr Py diss 7%, fgr diss 3%, f-mgr Aspy 3%. In quartz: cgr Py 0.5%, fgr 0.25%, f-mgr Aspy 0.25%.	66.40	67.80	32011	1.40	11.20	10%	6.35	2.75	0.00	0.00	0.00	2.73	0.00	0.00
67.60	67.74	QSTR		Quartz Stringer	Q stringer, 14cm, weakly vuggy. Euhedral Py crystals to 3mm, weakly fractured @30TCA. iSer at veinlet selvages.														
67.74	69.70	T4A		Py QV Zone <5% Q	As above. 67.8-69.2 No Q. 69.2-69.7 cgr Py 2% especially near 3cm Q veinlets, fgr Py 1%, fgr Aspy 0.75%	67.80	69.20	32012	1.40	0.15	1%	0.99	0.74	0.00	0.00	0.00	0.00	0.00	0.00
						69.20	69.70	32013	0.50	1.59	10%	1.80	0.90	0.00	0.00	0.00	0.68	0.00	0.00
69.70	76.00	T2		Altered Basalt	mCa alteration, few Q/Ca veinlets. mSer, moderate fracture with wht clay and or chlorite filling.	69.70	71.20	32014	1.50	0.01	2%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
						71.20	72.80	32015	1.60	0.01	3%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
						72.80	74.40	32016	1.60	0.01	1%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
						74.40	76.00	32017	1.60	0.01	1%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
76.00	77.00	T4A		Py QV Zone <5% Q	3% Q veinlets, iSer in Q veinlets @30TCA iD.	76.00	77.00	32018	1.00	0.91	5%	2.85	1.90	0.00	0.00	0.00	0.00	0.00	0.00
77.00	78.90	T2		Altered Basalt	wCa alteration, few Q/Ca +/- Chl veinlets,	77.00	78.50	32019	1.50	0.01	1%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00

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					irregular, anastomosing networks. Average PDO @30TCA.	78.50	80.00	32021	1.50	0.01	2%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
78.90	85.20	T1		Basalt	Medium green fine grain, numerous Chl +/- Q/Ca veinlets, somewhat clay fracture filling, mm scale, irregular.	80.00	81.50	32022	1.50	0.01	1%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
						81.50	83.00	32023	1.50	0.01	1%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
						83.00	84.50	32024	1.50	0.01	1%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
						84.50	86.00	32025	1.50	0.01	1%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
85.20	88.00	T2		Altered Basalt	Medium greyish brown, wK(p). Numerous chloritic fractures. No PDO. Weak local iK gougey zones (not really faultish).	86.00	87.50	32026	1.50	0.01	1%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
						87.50	88.00	32027	0.50	0.01	1%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
88.00	96.60	T4A		Py QV Zone <5% Q	5% white Q/Ca veinlets hosted in iCa, moderate to locally intense fracture. Moderate to locally intense sericitic, local iSi. Volcanics are locally vuggy. Q/Ca/Ser veinlets, average @30TCA. 88.0-89.5 In volcanics: cgr Py 3%, fgr Py 3%. In Q veinlets: Trace Py,Aspy. 89.5-91.0 1% cgr Py mostly fracture controlled, 0.25% fgr Py diss, 0.25% Q/Ca/Ser veinlets. Trace fgr Py in Q veinlets. 91.0-92.5 1% cgr Py especially fracture controlled, 0.5% fgr Py diss, 4cm Q veinlet with trace cgr Sph. Trace Tet (fgr), trace fgr Py. 92.5-94.0 3% cgr Py diss and fracture controlled, 3% fgr Py fracture controlled and diss, two 1cm Q/Ca/iSer veinlets with trace cgr and trace fgr Py. 94.0-95.5 5% cgr Py diss, 4% fgr Py diss, 1% Aspy especially at veinlet selvages. In Q veinlets trace Py, trace Aspy at selvages. 95.5-96.6 iSer iK(p). 7% cgr diss and fracture controlled, 10% fgr diss Py (locally 50%), 4cm Q veinlet iSer, 0.5% diss Py,	88.00	89.50	32028	1.50	0.38	7%	2.79	2.79	0.00	0.00	0.00	0.01	0.00	0.00
						89.50	91.00	32029	1.50	0.05	1%	0.99	0.25	0.00	0.00	0.00	0.00	0.00	0.01
						91.00	92.50	32031	1.50	0.23	5%	0.95	0.48	0.00	0.10	0.01	0.00	0.00	0.00
						92.50	94.00	32032	1.50	0.17	2%	2.94	2.94	0.00	0.00	0.00	0.00	0.00	0.00
						94.00	95.50	32033	1.50	0.56	10%	4.50	3.60	0.00	0.00	0.00	0.91	0.00	0.00
						95.50	96.60	32034	1.10	0.70	5%	6.65	9.50	0.00	0.00	0.00	0.01	0.00	3.00
96.60	98.10	T2		Altered Basalt	m-iK(p), few hairline white clay filled fractures, relatively massive. Pale blue "blebs" clay throughout to 1%. 96.6-99.6 Trace cgr Py, trace fgr Py, iSer. 1.5% cgr Py diss, 1% fgr Py diss, no Q.	96.60	99.60	32035	3.00	0.01	1%	0.74	0.50	0.00	0.00	0.00	0.00	0.00	0.00

Depth From	To (m)	Lith. Code	Struc	Lithology	Description	From (m)	To (m)	Sample #	Width (m)	AU g/t	Q %	Py (%) Cgr	Py (%) Fgr	Cpy (%)	Sph (%)	Tet (%)	Aspy (%)	VG Occ	Alt'n Ser
98.10	100.50	T4A		Py QV Zone <5% Q	98.1-103.8 Intensely sericitized, moderate to locally intense K alteration. Few Q/Ca +/-Chl irregular veinlets/fracture filling. 1% Q/Ca veinlets. 99.6-101.1 No Q	99.60	101.10	32036	1.50	0.05	2%	1.47	0.98	0.00	0.00	0.00	0.00	0.00	0.00
100.50	101.50	FLT	FLT	Py QV Zone <5% Q	Moderate fault. Intense broken core, iK gouge (local).														
101.50	103.80	T4A		Py QV Zone <5% Q	As described in 98.1-100.5	101.10	102.60	32037	1.50	0.77	3%	4.85	0.97	0.10	0.25	0.00	2.43	0.00	0.00
					101.1-102.6 5% cgr Py (local to 0.75cm), 1% fgr (local 10%), 2.5% m-cgr Aspy diss. Three 1cm Q veinlets with trace Aspy, Cpy 0.25% Sph.	102.60	103.80	32038	1.20	0.28	2%	2.94	1.96	0.00	0.00	0.00	0.10	0.00	0.00
103.80	104.90	FLT	BX	Fault	Fault breccia/stockwork/Q flood. Intensely broken, intense gougey Ca altered volcanics appear to grade into mD, iK volcanics and Q/Ca fragments hosted in both Q/Ca and altered volcanics (both are fragments ?? matrix throughout unit). iK(f). w-mSer in volcanics. Local Ser in Q/Ca structures	103.80	104.90	32039	1.10	0.01	25%	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00
104.90	106.30	T4A		Py QV Zone <5% Q	1% Q veinlets average less than 1cm. Average PDO @30TCA. iCa wSer, local mSer in volcanics, numerous K filled fractures, mm scale, no PDO. Q/Ca veinlets iSer	104.90	106.30	32041	1.40	0.01	3%	0.49	0.24	0.00	0.10	0.00	0.00	0.00	0.00
106.30	106.70	T2		Altered Basalt	106.3-109.0 wCa.	106.30	107.80	32042	1.50	0.01	2%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
106.70	107.20	FLT	FLT	Altered Basalt	Weak fault @30TCA. iK gouge, very discrete iK(p) and moderately broken core. Few barren Q/Ca veinlets.														
107.20	109.00	T2		Altered Basalt	108.85-109.3 Trace fgr Py in gouge, trace Py in Q veinlets.	107.80	108.85	32043	1.05	0.01	3%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
					109.3-110.4 Trace cgr and trace fgr Py.	108.85	109.30	32044	0.45	0.01	75%	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00
109.00	109.15	FLT	FLT	Altered Basalt	Fault. iK gouge @45TCA. iD.														
109.15	109.30	QSTR		Quartz Stringer	Q/Ca stringer. Yellow Ca halos around fracture. wSer.														
109.30	112.65	T2		Altered Basalt	Moderate to locally intense Ca alteration. Weak to local iCBX, mSi.	109.30	110.40	32045	1.10	0.01	2%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
						110.40	111.50	32046	1.10	0.01	1%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						111.50	112.65	32047	1.15	0.01	1%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112.65	114.70	T4A		Py QV Zone <5% Q	6% Q/Ca veinlets @35TCA hosted iCa wK(p) mSer. Few hairline irregular fractures filled with white clay or Q/Ca.	112.65	113.65	32048	1.00	0.12	2%	0.49	0.49	0.00	0.00	0.00	0.00	0.00	0.00
						113.65	114.70	32049	1.05	0.01	1%	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00
114.70	116.00	T2		Altered Basalt	m-iCa, wSer.	114.70	116.20	31351	1.50	0.01	5%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
116.00	116.20	FLT	FLT	Fault	Fault/breccia @20TCA. Intense vuggy gougey fragments of both iCa volcanics and Q angular slicks of graphite/chlorite.														

Depth From	To (m)	Lith. Code	Struc	Lithology	Description	From (m)	To (m)	Sample #	Width (m)	AU g/t	Q %	Py (%) Cgr	Py (%) Fgr	Cpy (%)	Sph (%)	Tet (%)	Aspy (%)	VG Occ	Alt'n Ser
116.20	117.90	T2		Altered Basalt	wCa, mCBX.	116.20	117.70	31352	1.50	0.01	1%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
						117.70	119.20	31353	1.50	0.01	1%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
117.90	121.05	T1		Basalt	UC marked by shear zone and 1cm Q stringer @50TCA. mSi(p), few Q/Ca +/- Chl veinlets mm to 0.5cm scale.	119.20	121.05	31354	1.85	0.01	1%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
EOH																			

Cusac Gold Mines Ltd.	07 Taurus	Diamond Drill Hole Log	07TC-03

Collar Details		
Longitude	459657.0	E
Latitude	6570422.0	N
Elevation	1112.0	m ASL
End of Hole	142.3	m
Azimuth	177.8	
Dip	-53.5	

Purpose:
Infill & Metallurgical Drilling 88 Hill

Started	June 23, 2007
Finished	June 25, 2007
Logged By:	C. Zwarich / S. Anderson

Tests	Depth	Az	Dip
	0.0	177.8	-53.5

Depth From	To (m)	Lith. Code	Struc	Lithology	Description	From (m)	To (m)	Sample #	Width (m)	AU g/t	Q %	Py (%) Cgr	Py (%) Fgr	Cpy (%)	Sph (%)	Tet (%)	Aspy (%)	VG Occ	Alt'n Ser
0	3.00	OB		Overburden															
3.00	3.50	T2		Altered Basalt	iFeOx	3.00	3.50	31278	0.50	0.03	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3.50	13.45	T1		Basalt	Medium green-grey, fgr, massive. Weakly fractured, filled with siliceous graphite. Jasper on some break surfaces. Few Q/Ca veinlets, most @45TCA, others no PDO or discontinuous. 5.00-13.45 0.5% cgr diss Py- euhedral.	3.50	5.00	31279	1.50	0.01	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						5.00	6.50	31281	1.50	0.01	0%	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						6.50	8.00	31282	1.50	0.01	0%	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						8.00	9.50	31283	1.50	0.01	0%	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						9.50	11.00	31284	1.50	0.01	0%	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						11.00	12.50	31285	1.50	0.01	0%	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						12.50	13.45	31286	0.95	0.01	0%	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13.45	14.80	T2		Altered Basalt	Medium grey, slightly green, fgr, massive. Few Ca/Q blebs and veinlets.	13.45	14.80	31287	1.35	0.01	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14.80	18.70	T4		Py QV Zone >5% Q	Light grey, fgr, massive approx 15% Q. Three major Q stringers: at 15.60 approx 20cm @45TCA, at 16.55 approx 15cm @45TCA, at 17.80 approx 10cm @45TCA. Many minor Q stringers approx 1-2cm. Many Q veinlets- mm scale. 14.8-15.25 vcgr Py, up to 1cm euhedral, concentrated around Q stringer. Approx 15% local fgr Py, 5% fgr Py overall, 15% local cgr Py, 10% cgr Py overall, 0.5% cgr Py within Q stringer, 1% fgr Py in graphite filled fracture within Q stringer. wSer, 1% Aspy. 16.6-16.77 Q stringer with gold flake in core -ICP. Trace Aspy. 16.77-17.8 Approx 1% Aspy. vcgr Py, up to 1cm. fgr Py diss, fracture controlled. Approx 6% clotty Py, 6% diss cgr Py, 12% cgr Py overall. Approx 5% fgr fracture controlled Py, 2% fgr Py diss, 1% fgr fracture controlled Py in Q stringer, 0.25% cgr Py diss in Q stringer. w-mSer. 17.8-18.7 Approx 1% Aspy. cgr Py	14.80	15.25	31288	0.45	2.47	2%	14.70	0.00	0.00	0.00	0.00	0.98	0.00	0.98
						15.25	16.60	31306	1.35	1.60	20%	12.00	0.00	0.00	0.00	0.00	0.80	0.00	0.80
						16.60	16.77	31307	0.17	111.00	99%	0.50	0.50	0.00	0.00	0.00	0.10	1.00	0.00
						16.77	17.80	31289	1.03	4.48	3%	11.65	6.80	0.00	0.00	0.00	0.97	0.00	0.00

Depth From	To (m)	Lith. Code	Struc	Lithology	Description	From (m)	To (m)	Sample #	Width (m)	AU g/t	Q %	Py (%) Cgr	Py (%) Fgr	Cpy (%)	Sph (%)	Tet (%)	Aspy (%)	VG Occ	Alt'n Ser
					approx up to 0.5cm euhedral. Approx 1% fgr diss Py, 10% diss cgr Py, 2% clotted cgr Py, 1% fgr fracture controlled Py, 20% local cgr Py clotted, 0.25% cgr Py diss in Q stringer. w-mSer.	17.80	18.70	31291	0.90	4.63	8%	11.06	1.86	0.00	0.00	0.00	0.92	0.00	0.92
18.70	20.15	T4		Py QV Zone >5% Q	Light-medium grey, slightly green, fgr, massive. Two Q/Ca veinlets approx 5mm approx @45TCA. Weakly fractured filled with G.	18.70	20.10	31292	1.40	0.04	2%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
					20.1-21.5 cgr euhedral Py. 7% cgr Py diss, 3% cgr Py clotted, local 10% fgr and cgr Aspy, 5% overall Aspy, 0.5% fgr Py, 2% Aspy in fractures in Q stringers, 1% cgr Py in fractures in Q stringers.	20.10	21.50	31293	1.40	3.13	7%	9.37	0.54	0.00	0.00	0.00	4.79	0.00	0.93
20.15	21.50	T4A		Py QV Zone <5% Q	Light grey, fgr, massive weakly fractured filled with siliceous graphite. Three Q stringers: first at 20.4 approx 7cm approx @50TCA, second at 20.7 approx 12cm with no PDO (graphite veinlets) and third at 30.05 approx 5cm perpendicular TCA.														
21.50	23.95	T2		Altered Basalt	Light grey, slightly green. fgr, massive. Weakly fractured, filled with siliceous graphite. Few Q/Ca veinlets @40-45TCA or no PDO. wSer.	21.50	22.70	31294	1.20	0.01	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.99
						22.70	23.95	31295	1.25	0.01	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.99
23.95	25.50	T4A		Py QV Zone <5% Q	Light grey, fgr, massive. Weakly fractured, filled with Si/G. One Q stringer at 25.0 approx 10cm approx @45TCA. w-mSer, buff colour. Few Q/Ca veinlets. wSer. Py concentrated around Q stringer- local 2% cgr Py and 7% fgr Py. Overall 7% cgr Py, 3% fgr Py, 1% Aspy.	23.95	25.50	31296	1.55	1.43	5%	9.50	0.00	0.00	0.00	0.00	0.95	0.00	0.95
25.50	27.00	T2		Altered Basalt	Light-medium grey-green, fgr, massive. Moderately fractured, filled with Si/G. Few Q/Ca veinlets, no PDO. wSer.	25.50	27.00	31297	1.50	0.01	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.99

Depth From	To (m)	Lith. Code	Struc	Lithology	Description	From (m)	To (m)	Sample #	Width (m)	AU g/t	Q %	Py (%) Cgr	Py (%) Fgr	Cpy (%)	Sph (%)	Tet (%)	Aspy (%)	VG Occ	Alt'n Ser
27.00	28.00	T4A		Py QV Zone <5% Q	Light grey, fgr, massive. Weakly fractured, filled with Si/G. One Q stringer at approx 27.35 approx @45TCA. wSer. Py concentrated around Q stringer. Locally 5% cgr Py, 7% fgr Py. Overall 2% cgr Py, 2% fgr Py. 0.5% fgr Py fracture controlled within Q stringer. 2% Aspy in volcanics.	27.00	28.00	31298	1.00	0.49	5%	1.90	1.90	0.00	0.00	0.00	1.90	0.00	0.95
28.00	28.85	T2		Altered Basalt	Medium green grey, fgr, massive, moderately fractured filled with Si/G, few Q/Ca veinlets. No PDO.	28.00	28.85	31299	0.85	0.01	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28.85	31.45	T4A		Py QV Zone <5% Q	Light grey, fgr, massive. Weakly fractured, locally moderately fractured, filled with Si/G. One Q stringer at 29.8 approx 15cm angle TCA not clear, moderately fractured, crumbly and broken. wSer. One Q stringer approx at 29.7- discontinuous, moderately fractured. 28.85-30.15 wSer. Py concentrated around Q stringers. 2% cgr Py (7% locally), 1% fgr Py, 1% fgr fracture controlled Py, 1% fracture controlled fgr Py in Q stringer. 30.15-31.45 0.25% fgr Py, 0.25% fracture controlled fgr Py.	28.85	30.15	31301	1.30	10.90	15%	2.55	1.70	0.00	0.00	0.00	1.70	0.00	0.85
						30.15	31.45	31302	1.30	0.10	1%	0.99	0.50	0.00	0.00	0.25	0.00	0.00	0.99
31.45	33.60	T2		Altered Basalt	Light grey, fgr. Massive, weakly fractured filled with Si/G.	31.45	32.60	31303	1.15	0.01	1%	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						32.60	33.60	31304	1.00	0.29	1%	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33.60	35.00	T4A		Py QV Zone <5% Q	Light grey, fgr, massive. Weakly fractured, filled with siliceous graphite. Many Q/Ca veinlets. No PDO. Few Q blebs - intensely fractured. Py concentrates in and around Q blebs. cgr Py up to 1cm, euhedral. 2% cgr Py diss, 2% fractured controlled fgr Py, 1% fgr Py diss, 1% cgr Py in Q blebs, 1% fgr Py in Q blebs, locally 10% fgr Py. 34.8-35.0 m-clay zone locally- still competent.	33.60	35.00	31305	1.40	1.90	2%	2.95	1.97	0.00	0.00	0.00	0.00	0.00	0.00

Depth From	To (m)	Lith. Code	Struc	Lithology	Description	From (m)	To (m)	Sample #	Width (m)	AU g/t	Q %	Py (%) Cgr	Py (%) Fgr	Cpy (%)	Sph (%)	Tet (%)	Aspy (%)	VG Occ	Alt'n Ser
35.00	36.23	T2	SHRZ	Altered Basalt	Light grey, fgr, massive. Moderate-intensely fractured, filled with Si/G. Few Q/Ca veinlets.	35.00	36.23	31308	1.23	0.06	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
36.23	37.20	T2	SHRZ	Altered Basalt	Light grey, fgr, massive, moderate fractured filled with Si F. Many Q/Ca veinlets. No PDO. iK lower 2cm.	36.23	37.80	31309	1.57	0.03	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
37.20	39.55	T2		Altered Basalt	Light grey, fgr, massive. Weakly fractured, filled with siliceous graphite. Few Q/Ca veinlets mm scale. Shear zone at approx 38.35-38.95.	37.80	38.60	31311	0.80	0.01	2%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						38.60	39.55	31312	0.95	0.04	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
39.55	40.20	T4A		Py QV Zone <5% Q	Light grey, fgr, massive. Weakly fractured, filled with Si/G. At 39.95-40.2 Q stringer banded by darker softer clay and graphite. Q contains wSer. 2% Aspy, 3% cgr Py diss euhedral, 2% cgr Py clotted, concentrated in and around siliceous graphite filled fractures. fgr fracture controlled Py in Q stringers and in G banding, Q locally about 10%. Overall approx 1% fgr Py diss, 1% fracture controlled fgr Py.	39.55	40.20	31313	0.65	6.96	6%	4.70	1.88	0.00	0.00	0.00	1.88	0.00	0.00
40.20	42.15	T2		Altered Basalt	Light buff-grey, fgr, massive. Weakly fractured, filled with Si/G, Few Q/Ca veinlets mm scale, no PDO. Fault gouge zone at 41.25-41.55. wSer.	40.20	41.25	31314	1.05	0.18	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.99
42.15	43.35	T4A		Py QV Zone <5% Q	Light grey, fgr, massive. Weakly fractured, filled with Si/G. Few QCa veinlets (no PDO), one Q stringer approx 2cm, perpendicular TCA. Weak fault, blocky. cgr Py fades out at 42.8-43.00. Soft graphite and clay at LC of fault. wSer.	41.25	42.15	31315	0.90	0.34	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.99
						42.15	43.35	31316	1.20	2.42	1%	8.91	0.99	0.00	0.00	0.00	0.50	0.00	0.99
43.35	43.60	T5	QV	QV	Milky white Q moderately fractured, filled with Si/G. Volcanic clast inclusions containing Aspy and Py (cgr). UC approx @45TCA, LC approx perpendicular TCA. Fractures contain Py. 0.25% cgr Py-fracture controlled, trace Aspy, 0.25% fgr fracture controlled Py, trace cgr diss Py.	43.35	43.60	31317	0.25	2.34	97%	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
43.60	46.15	T4A		Py QV Zone <5% Q	Light buff grey. i-mSer. Weak fault,	43.60	45.10	31318	1.50	0.56	3%	0.97	0.00	0.00	0.00	0.00	0.24	0.00	1.94

Depth From	To (m)	Lith. Code	Struc	Lithology	Description	From (m)	To (m)	Sample #	Width (m)	AU g/t	Q %	Py (%) Cgr	Py (%) Fgr	Cpy (%)	Sph (%)	Tet (%)	Aspy (%)	VG Occ	Alt'n Ser
					blocky. One Q stringer approx 5cm. Many Q veinlets, either @60-70TCA or no PDO.	45.10	46.15	31319	1.05	0.10	2%	0.98	0.00	0.00	0.00	0.25	0.00	0.00	1.96
46.15	48.00	T2		Altered Basalt	Medium green-grey, fgr, massive. m-iSer. Weakly fractured, filled with Si/G, few Q/Ca veinlets. No PDO. Weak fault zones- blocky.	46.15	47.20	31321	1.05	0.01	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						47.20	48.00	31322	0.80	0.01	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
48.00	48.65	T4A		Py QV Zone <5% Q	Purple/green grey, weak fault, blocky, fgr, massive.	48.00	48.65	31323	0.65	0.01	1%	1.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00
48.65	49.90	T2		Altered Basalt	m-iSer. Light buff-grey, slightly green, fgr, massive. Weakly fractured, filled with Si/G. Few Q/Ca veinlets, mm scale.	48.65	49.90	31324	1.25	0.01	4%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
49.90	52.40	T4A		Py QV Zone <5% Q	Light grey, fgr, massive. Weakly fractured, filled with Si/G. Locally moderately fractured. Blocky. Few Q/Ca strigners approx perpendicular TCA. Few Q/Ca veinlets, no PDO. One large Q stringer approx perpendicular TCA at approx 51.75 approx 1.6cm, contains iSer green and white. Locally mBX. wSer. 49.9-51.15 1% cgr Py diss- euhedral. 51.15-52.4 2% cgr Py diss- euhedral, up to 1cm.	49.90	51.15	31325	1.25	0.34	2%	0.98	0.00	0.00	0.00	0.00	0.00	0.00	0.98
						51.15	52.40	31326	1.25	0.99	12%	1.76	0.09	0.00	0.00	0.00	0.00	0.00	0.88
52.40	53.00	T2		Altered Basalt	Light buff-grey fgr massive. Weakly fractured filled with Si/G. Few Q/Ca veinlets. No PDO. Trace cgr Py diss. wSer.	52.40	53.00	31327	0.60	0.03	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.99
53.00	55.50	T2	FLT	Altered Basalt	Fault gouge. Light buff grey, fgr, massive, m-iK very broken. iSer in Q, wSer in volcanics. *** Missing core between 54 and 57.	53.00	54.00	31328	1.00	0.01	2%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	1.02
						54.00	55.50	31329	1.50	0.01	10%	0.09	0.00	0.00	0.00	0.00	0.00	0.00	1.10
55.50	57.00	T4A	FLT	Py QV Zone <5% Q	Same fault as in previous interval. Fault gouge, blocky. Light buff grey, fgr, massive. Locally intensely fractured, filled with Si/G. Locally mBX, m-iSer concentrates in BX zones.	55.50	57.00	31331	1.50	0.21	5%	1.90	0.00	0.00	0.00	0.00	0.00	0.00	1.90
57.00	57.60	T4A		Py QV Zone <5% Q	Light buff grey, fgr, massive. mSer. Many Q/Ca veinlets perpendicular TCA or no PDO. Weakly fractured, filled with Si/G.	57.00	57.60	31332	0.60	0.32	8%	0.92	0.00	0.00	0.00	0.46	0.00	0.00	1.84

Depth From	To (m)	Lith. Code	Struc	Lithology	Description	From (m)	To (m)	Sample #	Width (m)	AU g/t	Q %	Py (%) Cgr	Py (%) Fgr	Cpy (%)	Sph (%)	Tet (%)	Aspy (%)	VG Occ	Alt'n Ser
57.60	58.85	T2		Altered Basalt	Light grey, fgr, massive. Weakly fractured, filled with Si/G. wSer.	57.60	58.85	31333	1.25	0.12	5%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.95
58.85	63.90	T4		Py QV Zone >5% Q	Light grey, fgr, massive. m-iSer. Moderate-intensely fractured, filled with Si/G. Local iBX zones. iSer. Many Q/Ca veinlets mm scale approx @60TCA or no PDO. Q/Ca stringers at 59.25 (approx 5cm), 59.80 (approx 15cm), 60.85 (approx 5cm) and 61.45 (approx 10cm), all approx perpendicular TCA. Fault gouge at 58.85 approx 25cm. iK. Approx 10% Q in T4 zone. Q stringers at 62.3 (approx 3cm), 62.6 (approx 4cm) and 63.1 (approx 12cm), all approx perpendicular TCA. iSer in Q. 58.85-60.35 mSer in Q. 5% cgr Py diss. iSer at BX zones, m-iSer overall. 1% fracture control cgr Py, 1% Aspy, 1% fracture controlled fgr Py in fractures in Q. 60.35-61.85 iSer, wBX zones. m-iSer overall. 1% fracture controlled cgr Py, 5% diss cgr Py, 1% Aspy, 1% fracture controlled fgr Py in Q. mSer in Q. 0.5% fgr diss Py. 61.85-62.85 3% cgr Py diss, 0.5% cgr Py fracture controlled, 0.5% Aspy. 62.85-63.9 Locally 75% cgr Py! Approx 8% cgr Py overall diss. 1% Aspy, 2% clotted cgr Py, 1% cgr Py in Q (euhedral).	58.85	60.35	31334	1.50	1.16	15%	5.10	0.00	0.00	0.00	0.00	0.85	0.00	2.00
						60.35	61.85	31335	1.50	1.20	5%	5.70	0.48	0.00	0.00	0.00	0.95	0.00	2.00
						61.85	62.85	31336	1.00	2.27	5%	7.60	0.00	0.00	0.00	0.00	0.48	0.00	0.00
						62.85	63.90	31337	1.05	3.02	7%	9.37	0.07	0.00	0.00	0.00	0.93	0.00	0.00
63.90	71.00	T2		Altered Basalt	Light grey, fgr, massive. Weakly fractured filled with Si/G. Few Q/Ca veinlets, locally abundant, anostamosing network, mm scale. mSer.	63.90	64.95	31338	1.05	0.04	1%	0.25	0.00	0.00	0.00	0.00	0.00	0.00	1.98
						64.95	66.50	31339	1.55	0.01	1%	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						66.50	68.00	31341	1.50	0.03	2%	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						68.00	69.50	31342	1.50	0.01	3%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						69.50	71.00	31343	1.50	0.01	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
71.00	74.00	T4A		Py QV Zone <5% Q	Light grey, fgr, massive. Moderate	71.00	72.50	31344	1.50	1.30	2%	3.19	0.00	0.00	0.00	0.98	0.00	0.00	0.00

Depth From	To (m)	Lith. Code	Struc	Lithology	Description	From (m)	To (m)	Sample #	Width (m)	AU g/t	Q %	Py (%) Cgr	Py (%) Fgr	Cpy (%)	Sph (%)	Tet (%)	Aspy (%)	VG Occ	Alt'n Ser
					fractured, filled with Si F. Many Q veinlets mm scale. No PDO. Q stringer banded by graphite approx 3cm at approx 71.75 approx @50TCA. 71.0-71.2 Fault gouge iK. Local m-iBX, highly fractured. mSer. 71.0-72.5 3% cgr Py overall diss, 5-7% locally. 0.25% fracture controlled cgr Py. 72.5-74.0 Locally 10% cgr Py diss euhedral, up to 1cm. Overall cgr Py approx 3% diss, 0.25% Tet, 0.25% fgr diss Py. mSer.	72.50	74.00	31345	1.50	0.69	1%	2.97	0.25	0.00	0.00	0.25	0.00	0.00	1.98
74.00	74.75	T4A	FLT	Py QV Zone <5% Q	Fault gouge. Light grey, fgr, massive. Soft clay zone. iK. Trace cgr Py at contacts.T11 by La…	74.00	74.75	31346	0.75	0.29	0%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74.75	75.75	T5	QV	QV	Milky white carbonate rich Q. Rubbly and blocky. Moderately fractured, filled with Si/G. wSer. UC undetermined, LC approx @55TCA. 0.25% cgr Py in Q, 0.25% fgr fracture controlled Py. Py concentration at contacts in volcanics, locally 12% cgr Py in volcanics.	74.75	75.75	31347	1.00	0.37	99%	0.25	0.25	0.00	0.00	0.00	0.00	0.00	0.99
75.75	79.60	T4A		Py QV Zone <5% Q	Light-medium grey, fgr, massive. Locally intensely fractured, filled with siliceous graphite, local BX. Few Q stringers 1-3cm approx @50TCA, few Q veinlets, no PDO. Fault gouge at 75.95 approx 20cm, iK, banded by two Q stringers. Weak fault 78.55-79.5 blocky and mK near end. mSer, locally iSer. 75.75-77.25 5% cgr Py diss, m-iSer, 0.25% Aspy, 5% cgr Py in Q, 0.5% Tet in Q, 0.5% fgr fracture controlled Py cgr. 77.25-78.75 3% cgr Py diss, m-iSer, 0.25% Aspy, trace cgr Py in Q, 0.5% fracture controlled Py cgr. 78.75-79.6 0.25% fgr Py diss, 0.5% fgr Py fracture controlled.	75.75	77.25	31348	1.50	3.20	3%	5.49	0.15	0.00	0.00	0.02	0.24	0.00	1.94
						77.25	78.75	31349	1.50	1.02	3%	3.40	0.00	0.00	0.00	0.00	0.10	0.00	1.94
						78.75	79.60	32101	0.85	0.08	1%	0.50	0.74	0.00	0.00	0.00	0.10	0.00	1.98
79.60	84.20	T4	BX	Py QV Zone >5% Q	Light grey, fgr, massive. i-mBX m-iSer. 12% Q. Many Q veinlets, no PDO. Q stringers: at 80.3 approx 13cm @55TCA,	79.60	81.10	32102	1.50	1.83	7%	5.60	0.02	0.00	0.00	0.00	0.23	0.00	1.86
						81.10	82.50	32103	1.40	0.17	5%	0.95	0.00	0.00	0.00	0.00	0.10	0.00	1.90
						82.50	83.50	32104	1.00	0.91	5%	0.95	0.00	0.00	0.00	0.00	0.24	0.00	0.00

Depth From	To (m)	Lith. Code	Struc	Lithology	Description	From (m)	To (m)	Sample #	Width (m)	AU g/t	Q %	Py (%) Cgr	Py (%) Fgr	Cpy (%)	Sph (%)	Tet (%)	Aspy (%)	VG Occ	Alt'n Ser
					at 82.2 approx 6cm approx perpendicular TCA, at 82.85 approx 5cm @80TCA, at 83.55 approx 5cm approx perpendicular TCA, at 83.7 approx 5cm. BX highly fractured, filled with Si/G. Blocky -weak fault approx 81.1-82.0. 79.6-81.1 Locally 10% cgr Py diss, 3% cgr Py overall diss, 0.25% Aspy, 3% cgr fracture controlled cgr Py, 0.25% cgr Py in Q. mSer. 82.5-83.5 Locally 12% cgr Py fracture controlled around Q in volcanics. 83.5-84.2 mSer in Q. 3% cgr Py diss, trace cgr Py in Q	83.50	84.20	32105	0.70	1.14	50%	1.55	0.10	0.00	0.00	0.00	0.00	0.00	1.00
84.20	85.00	T4A	BX	Py QV Zone <5% Q	m-iSer. Light buff grey, fgr, massive. Highly fractured filled with Si/G. BX- Q clasts mm scale to 3cm. Many Q veinlets, no PDO.	84.20	85.00	32106	0.80	0.61	1%	1.98	0.00	0.00	0.00	0.00	0.00	0.00	1.98
85.00	85.65	T4A	BX	Py QV Zone <5% Q	Weak fault- blocky. iSer. Light buff grey, fgr, massive. Intensely fractured filled with Si/G. Few Q veinlets, no PDO up to 1cm clasts Q.	85.00	85.65	32107	0.65	0.90	1%	2.97	0.00	0.00	0.00	0.00	0.00	0.00	1.98
85.65	87.20	T2		Altered Basalt	Local BX. Light buff grey, fgr, massive. Highly fractured filled with Si/G. Clasts in BX zone up to 1cm, mSer.	85.65	87.20	32108	1.55	0.28	3%	0.10	0.24	0.00	0.00	0.00	0.00	0.00	0.00
87.20	90.50	T4A	BX	Py QV Zone <5% Q	iSer. Light buff grey, fgr, massive. Q altered volcanic clasts in BX up to 3cm. Highly fractured filled with Si/G. Q stringer at 89.9, approx 15cm, approx @45TCA. 88.7-89.6 2% cgr Py diss, 1% fgr Py diss. mSer in Q and in volcanics. 89.6-90.5 1% cgr Py in diss, 1% clotted cgr Py.	87.20	88.70	32109	1.50	1.10	3%	1.94	0.24	0.00	0.00	0.00	0.00	0.00	1.94
						88.70	89.60	32111	0.90	2.01	12%	1.76	0.88	0.00	0.00	0.00	0.00	0.00	2.00
						89.60	90.50	32112	0.90	1.23	2%	1.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90.50	92.35	T2	BX	Altered Basalt	iSer. Light buff grey, fgr, massive. Intensely fractured, filled with Si/G. Q and altered volcanic clasts up to approx 3cm.	90.50	91.35	32113	0.85	0.16	2%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						91.35	92.35	32114	1.00	0.13	2%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
92.35	92.80	T2	BX	Altered Basalt	iSer. Light buff grey, fgr, massive. Intensely fractured filled with Si/G. Clasts of Q and altered volcanics approx up to 5cm. Few Q/Ca veinlets, no PDO.	92.35	92.80	32115	0.45	0.55	2%	1.96	0.25	0.00	0.00	0.00	0.00	0.00	0.00
92.80	99.30	T2		Altered Basalt	Local BX. mSer. Light buff grey. Many	92.80	94.30	32116	1.50	0.09	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Depth From	To (m)	Lith. Code	Struc	Lithology	Description	From (m)	To (m)	Sample #	Width (m)	AU g/t	Q %	Py (%) Cgr	Py (%) Fgr	Cpy (%)	Sph (%)	Tet (%)	Aspy (%)	VG Occ	Alt'n Ser
					Q/Ca veinlets, no PDO. Moderate-intensely fractured, filled with Si/G.	94.30	95.30	32117	1.00	0.05	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						95.30	96.80	32118	1.50	0.05	3%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						96.80	98.30	32119	1.50	0.16	3%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						98.30	99.30	32121	1.00	0.13	10%	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00
99.30	100.60	T4A	BX	Py QV Zone <5% Q	m-iSer. Light-medium buff grey, fgr, massive. Intensely fractured, filled with Si, G. Many Q veinlets and blebs, no PDO. Q stringers at 99.67, approx 12cm, perpendicular TCA. Clasts of altered volcanics and Q up to 3cm. Locally 10% cgr Py, 3% cgr Py diss overall. m-iSer, mSer in Q stringer, 0.5% fgr Py, 0.25% fgr Py fracture controlled.	99.30	100.60	32122	1.30	0.92	6%	2.82	0.71	0.00	0.00	0.47	0.00	0.00	2.00
100.60	101.00	T5	QV	QV	Milky white Q. Moderately fractured, filled with Si/G. mSer. Ca. UC and LC approx perpendicular TCA.	100.60	101.00	32123	0.40	0.12	95%	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00
101.00	102.00	T4A	BX	Py QV Zone <5% Q	mSer. Medium-light buff grey, fgr, massive. Intensely fractured, filled with Si/G. Clasts and altered volcanics- Q mm to cm scale. Few Q/Ca veinlets- no PDO, mm scale.	101.00	102.00	32124	1.00	0.98	1%	2.97	0.00	0.00	0.00	0.00	0.10	0.00	1.98
102.00	108.30	T2		Altered Basalt	Local BX. Light buff grey, fgr, massive. Many Q/Ca veinlets, no PDO, mm scale. wSer. Lower 1m contains mK.	102.00	103.50	32125	1.50	0.13	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.99
						103.50	105.00	32126	1.50	0.08	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.99
						105.00	106.50	32127	1.50	0.01	2%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.98
						106.50	107.70	32128	1.20	0.04	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.99
						107.70	108.30	32129	0.60	0.12	1%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
108.30	111.75	T1	BX	Basalt	Locally intense Ser in upper 1m. Dark purple/green. Many Q blebs and veinlets. No PDO. fgr, massive. No apparent sulphides.	108.30	109.80	32131	1.50	0.10	3%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						109.80	110.70	32132	0.90	0.05	1%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						110.70	111.75	32133	1.05	0.03	1%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						111.75	113.20	32134	1.45	0.03	3%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						113.20	114.70	32135	1.50	0.04	7%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						114.70	116.20	32136	1.50	0.05	2%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						116.20	117.70	32137	1.50	0.06	1%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						117.70	119.30	32138	1.60	0.06	1%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
111.75	119.00	T1	FLT	Basalt	iK fault gouge. Major fault. BX. Highly fractured, Q/Ca stringer, m-iSer. No apparent sulphides. Q veinlets network, mm scale.														
119.00	142.34	T1F		Basalt	Dark green/purple/red. Few to many Q veinlets, no PDO. Local serpertinite, local Jasper.	119.30	120.35	32139	1.05	0.01	1%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EOH																			

Cusac Gold Mines Ltd.	07 Taurus	Diamond Drill Hole Log	07TC-04

Collar Details			Purpose:	Started	June 25, 2007		
Longitude	459696.0	E	Infill & Metallurgical Drilling 88 Hill	Finished	June 27, 2007		
Latitude	6570361.0	N		Logged By:	L. Hunt		S. Anderson
Elevation	1115.0	m ASL		Tests	Depth	Az	Dip
End of Hole	141.4	m			0.0	180.8	-44.3
Azimuth	180.8						
Dip	-44.3						

Depth From	To (m)	Lith. Code	Struc	Lithology	Description	From (m)	To (m)	Sample #	Width (m)	AU g/t	Q %	Py (%) Cgr	Py (%) Fgr	Cpy (%)	Sph (%)	Tet (%)	Aspy (%)	VG Occ	Alt'n Ser
0	1.10	OB		Overburden															
1.10	1.40	T4A		Py QV Zone <5% Q	iFeOx. Buff grey, fgr, moderately fractured filled with G and cgr Py.	1.10	1.40	32296	0.30	4.82	3%	0.97	0.49	0.00	0.00	0.00	0.97	0.00	0.00
1.40	3.56	T2		Altered Basalt	iFeOx. Light grey, moderately fracture weathered, fgr, massive, wCa veinlets.	1.40	2.06	32297	0.66	0.01	1%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						2.06	3.56	32298	1.50	0.01	1%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3.56	4.27	T4A		Py QV Zone <5% Q	iFeOx. Heavily weathered, moderately fractured, Q stringer approx 2cm, approx @80TCA. Q stringer trace Aspy, trace Cse Py.	3.56	4.27	32299	0.71	1.53	2%	2.94	0.49	0.00	0.00	0.00	0.98	0.00	0.00
4.27	5.00	FLTZ		Fault Zone	iFeOx, heavily weathered. Intense fracture, iK gouge localized throughout. Q fragments. Trace Aspy in Q.	4.27	5.00	31355	0.73	2.36	5%	2.85	0.48	0.00	0.00	0.01	0.48	0.00	0.00
5.00	5.60	T4A		Py QV Zone <5% Q	iFeOx. Light grey with purple hue. Weak fracture, localized. iQ/Ca veinlets 1mm anastamosing, LC approx @45TCA.	5.00	5.60	31356	0.60	3.13	1%	4.95	0.99	0.00	0.00	0.99	0.50	0.00	0.99
5.60	6.45	T2		Altered Basalt	As above.	5.60	6.45	31357	0.85	0.11	1%	0.10	0.00	0.00	0.00	0.00	0.10	0.00	0.99
6.45	6.65	T4A		Py QV Zone <5% Q	As above.	6.45	6.65	31358	0.20	3.94	1%	2.97	0.99	0.00	0.00	0.00	0.99	0.00	1.98
6.65	6.98	T5		QV	iFeOx. Milky white Q matrix, contains T4A xenoliths and 4cm band, 1cm dark chert veinlet, intensely fractured Q filled with chert.	6.65	6.98	31359	0.33	10.95	90%	0.10	0.10	0.10	0.00	0.00	0.01	0.00	0.00
6.98	7.50	T4A		Py QV Zone <5% Q	iFeOx. Light grey with light green tinge. Moderate clay specs, intense fracture weathered or filled with graphite or Q/Ca veinlets. Contains 1cm Q veinlet which is moderately fractured.	6.98	7.50	31361	0.52	1.62	2%	0.25	1.96	0.00	0.00	0.00	0.25	0.00	0.00
7.50	9.85	T2		Altered Basalt	mFeOx. Moderate weathering, light grey, moderately fractured, moderate Ca veinlets, f-mgr, massive.	7.50	9.00	31362	1.50	0.06	2%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						9.00	9.85	31363	0.85	0.03	1%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9.85	10.60	T2		Altered Basalt	Grey-green to light grey-yellow. mgr, massive, weakly fractured, few Ca veinlets. Localized iSer.	9.85	10.60	31364	0.75	0.01	1%	0.00	0.10	0.00	0.00	0.00	0.00	0.00	1.98

Depth From	To (m)	Lith. Code	Struc	Lithology	Description	From (m)	To (m)	Sample #	Width (m)	AU g/t	Q %	Py (%) Cgr	Py (%) Fgr	Cpy (%)	Sph (%)	Tet (%)	Aspy (%)	VG Occ	Alt'n Ser
10.60	11.06	T4		Py QV Zone >5% Q	Buff grey with purple hue, intense fractured filled with clay and fgr Py. Contains two Q stringers 1cm and 3cm, iK throughout. Abrupt LC approx @50TCA. Q stringer has trace Tet, trace fgr Py, 0.25% CSE Py rimming	10.60	11.06	31365	0.46	1.29	6%	0.49	1.90	0.00	0.00	0.48	0.00	0.00	0.00
11.06	14.90	T1		Basalt	Medium green, f-mgr, massive, many Ca veinlets, no PDO. Weakly fractured filled with G.	11.06	12.56	31366	1.50	0.01	1%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						12.56	14.06	31367	1.50	0.03	1%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						14.06	14.90	31368	0.84	0.06	1%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14.90	15.05	T2		Altered Basalt	Light grey, mgr, iK, iCa veinlets. Clasts of Ca with boudinage fabric approx @45TCA, UC @25TCA, LC @40TCA.	14.90	15.05	31369	0.15	0.13	2%	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00
15.05	17.40	T1		Basalt	As per above, with two Q/Ca stringers: the first 2cm @60TCA, the second 3cm @50TCA, both joining together at 16.50m When combined, @35TCA, contains T1 xenoliths and graphitic blebs, no sulphide.	15.05	16.70	31371	1.65	0.01	3%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						16.70	17.40	31372	0.70	0.01	1%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17.40	17.71	T2		Altered Basalt	Sharp UC @60TCA, gradational LC @45TCA. Grey-green, mgr, weakly fractured filled with G, few Ca veinlets. iK throughout.	17.40	17.71	31373	0.31	0.05	1%	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00
17.71	19.06	T4		Py QV Zone >5% Q	Light grey with slight purple hue, fgr, massive weakly fractured. Five Q stringers from 3-15cm, intensely fractured unfilled or with grey Q. Contains volcanic xenoliths, mineralization within Q is found predominantly in and around grey Q. 18.6m hosts 3cm Q stringer chevron fold mostly milky white Q.	17.71	18.41	31374	0.70	2.04	12%	2.64	4.40	0.00	0.00	0.88	0.00	0.00	0.00
						18.41	19.06	31375	0.65	1.53	20%	2.40	2.40	0.10	0.10	0.00	0.45	0.00	0.00
19.06	20.98	T2		Altered Basalt	Buff brown with purple hue, mgr, abundant Ca specs, mK throughout. Moderately fractured filled with iSer/K, contains calcite veinlet approx 1cm, euhedral crystal faces on down hole side suggesting that fracture was not yet fully filled at 20.75m, approx @20TCA.	19.06	20.18	31376	1.12	0.05	1%	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00
						20.18	20.98	31377	0.80	0.11	1%	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00
20.98	24.30	T1		Basalt	As per 11.06-14.90	20.98	22.48	31378	1.50	0.09	1%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						22.48	23.95	31379	1.47	0.03	1%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						23.95	25.10	31381	1.15	0.04	1%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24.30	26.25	T1	FLTZ	Basalt	As per above. Incompetent core, rubble with iK gouge throughout.	25.10	26.25	31382	1.15	0.01	1%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26.25	26.45	T2	FLTZ	Altered Basalt	Grey rubble and incompetent core.	26.25	26.45	31383	0.20	0.01	1%	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00

Depth From	To (m)	Lith. Code	Struc	Lithology	Description	From (m)	To (m)	Sample #	Width (m)	AU g/t	Q %	Py (%) Cgr	Py (%) Fgr	Cpy (%)	Sph (%)	Tet (%)	Aspy (%)	VG Occ	Alt'n Ser
26.45	27.65	T4A	FLTZ	Py QV Zone <5% Q	Grey with purple hue, fgr, massive. Intensely fractured, trace Ca veinlets, localized Q stringer zone of approx four randomly oriented 2-4cm width milky white Q, some grey Q along fractures and rims of stringers	26.45	27.65	31384	1.20	0.76	2%	2.94	0.98	0.00	0.00	0.49	0.00	0.00	0.00
27.65	29.93	T2		Altered Basalt	Buff brown , mgr, some Ca veinlets no PDO. Medium green colouring on fracture faces, some dark chert with Q/Ca veinlets.	27.65	28.65	31385	1.00	0.01	1%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						28.65	29.93	31386	1.28	0.01	1%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29.93	31.17	T2	QSTR	Altered Basalt	Light grey, fgr, locally intensely fractured filled with anastamosing Ca veinlets 5-10mm, cut across by two joining Q stringers, one @10TCA, the other @40TCA. Q is milky white, contains dark chert veinlets, Ser veinlets. At 31.10m milky Q veinlet cutting through cgr variable grey to white Q all approx @50TCA. Q system cross cuts talc veinlet system oriented @30TCA in down hole direction (oppositeQ system).	29.93	31.17	31387	1.24	0.01	12%	0.09	0.00	0.00	0.10	0.00	0.00	0.00	0.36
31.17	32.05	T2		Altered Basalt	As per 27.65-29.93.	31.17	32.05	31388	0.88	0.18	1%	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00
32.05	33.75	T4		Py QV Zone >5% Q	Light grey to buff brown, fgr, massive. Weakly fractured, few Ca veinlets, six Q stringers @45 +/-5 TCA, milky white.	32.05	33.00	31389	0.95	1.07	3%	2.93	0.99	0.00	0.00	0.00	0.49	0.00	1.94
						33.00	33.75	31391	0.75	7.16	8%	6.52	2.84	0.00	0.00	0.00	0.94	0.00	0.00
33.75	36.50	T2		Altered Basalt	Buff brown, fgr, massive. Moderately fractured filled with Q/Ca veinlets approx 6cm wide milky white Q stringer at 35.0m approx @50TCA. Intensely fractured filled with Ca or unfilled. At 36.4m approx 3cm Q stringer as per above and bounded by 1cm on either side with iK alteration of T1.	33.75	35.00	31392	1.25	0.03	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						35.00	36.50	31393	1.50	0.01	5%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
36.50	43.50	T1		Basalt	Medium green, f-mgr, chaotic fracture fill and anastamosing graphitic fabric. iK, few Ca veinlets @45+/-5TCA from 1mm to 20mm thickness, Ca speckled throughout.	36.50	38.10	31394	1.60	0.01	1%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						38.10	39.45	31395	1.35	0.01	1%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						39.45	41.03	31396	1.58	0.06	1%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						41.03	42.60	31397	1.57	0.04	1%	0.00	0.10	0.00	0.00	0.10	0.00	0.00	0.00
						42.60	43.50	31398	0.90	0.03	1%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
43.50	43.68	T2		Altered Basalt	Buff brown, fgr, massive, pervasive K replacement. 1cm Q/Ca stringer at UC approx @35TCA, LC approx @45TCA. no sulphide in volcanics. Trace fgr Py, trace Tet in Q stringer	43.50	45.13	31399	1.63	0.01	1%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
43.68	46.42	T1		Basalt	As per 36.5-46.5	45.13	46.42	32051	1.29	0.01	1%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46.42	49.60	T2		Altered Basalt	Buff, fgr. Few Q/Ca veinlets, no sulphide	46.42	48.00	32052	1.58	0.04	1%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00

Depth From	To (m)	Lith. Code	Struc	Lithology	Description	From (m)	To (m)	Sample #	Width (m)	AU g/t	Q %	Py (%) Cgr	Py (%) Fgr	Cpy (%)	Sph (%)	Tet (%)	Aspy (%)	VG Occ	Alt'n Ser
					in Q. QSTR PDO approx @45TCA, mSer.	48.00	49.60	32053	1.60	0.07	2%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
49.60	52.70	T4A		Py QV Zone <5% Q	Approx 10% Q/Ca stringers and veinlets hosted in w-mCa w-mSer, wK(p).	49.60	51.10	32054	1.50	0.72	10%	0.45	0.23	0.50	0.10	0.01	0.00	0.00	0.00
						51.10	52.70	32055	1.60	0.05	1%	0.50	0.25	0.50	0.10	0.00	0.00	0.00	0.00
52.70	52.90	T2		Altered Basalt	As above.	52.70	54.00	32056	1.30	2.30	1%	6.93	2.97	0.00	0.00	0.00	0.99	0.00	0.00
52.90	53.40	T2	FLT	Altered Basalt	mCa wM mK(f) mK(p).														
53.40	54.00	T4A	BX	Py QV Zone <5% Q	Relatively recent Intensely fractured, iCa, local iK gouge, iSi.														
54.00	55.20	T4A		Py QV Zone <5% Q	iCa mSer mK(p) iK(f) hosts 3% Q/Ca veinlets.	54.00	55.20	32057	1.20	0.25	3%	0.97	0.49	0.00	0.00	0.00	0.00	0.00	0.00
55.20	55.50	T5	BX	QV	UC @45TCA, LC @50TCA. Mostly white Q moderately fractured- hairline, with G/Py +/- Tet filling and numerous Ser clots and patchy host iCa iK iPy fragments to 3cm x 2cm. Some fragments are well digested and pinch out into fractures with iSx. See diagram in logs. 1% Aspy cgr and fgr especially at vein selvages. 0.5% cgr Sph, one patch with VG specks (3-4). 3cgr VG approx 4mm x 2mm.	55.20	55.50	32058	0.30	221.00	90%	4.50	4.50	0.25	0.50	0.00	0.90	7.00	0.00
55.50	59.45	T2		Altered Basalt	Buff grey with very slight purple hue, fgr, massive, moderately fractured filled with G, many Q/Ca whispy veinlets approx @45TCA. w-mSer, mK throughout.	55.50	56.50	32061	1.00	3.25	5%	0.48	0.48	0.00	0.00	0.00	0.48	0.00	1.90
						56.50	58.00	32062	1.50	0.08	1%	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.99
						58.00	59.45	32063	1.45	0.03	1%	0.00	0.10	0.00	0.00	0.00	0.00	0.00	1.98
59.45	60.25	T4		Py QV Zone >5% Q	Buff yellow brown, iSer, fgr weakly fractured, unfilled. Many whispy Q/Ca veinlets, 1x15cm Q stringer approx @50TCA. Moderately fractured, milky white, trace sulphide, mK throughout	59.45	60.25	32064	0.80	2.02	20%	0.42	0.42	0.00	0.00	0.00	0.82	0.00	2.40
60.25	64.10	T2		Altered Basalt	As per above.	60.25	61.75	32065	1.50	0.04	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						61.75	64.10	32066	2.35	0.01	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
64.10	64.55	T4A		Py QV Zone <5% Q	Buff brown, fgr, massive few Q/Ca veinlets generally @45TCA, weakly fractured. UC @35TCA, LC @35TCA.	64.10	64.55	32068	0.45	8.12	99%	0.01	0.01	0.00	0.00	0.01	0.00	0.00	0.02
64.55	64.85	T5		QV	Milky white, grey Q predominant along contacts, many carbonate clots. Moderately fractured, unfilled or with grey Q.	64.55	64.85	32069	0.30	3.08	1%	0.50	0.25	0.00	0.00	0.00	0.00	0.00	0.00
64.85	65.85	T4A		Py QV Zone <5% Q	Light grey with purple hue, fgr, massive. Intense mineralization, localized iSer (apple green). Whispy veinlets, few Ca veinlets UC @50TCA, LC @20TCA	64.85	65.85	32071	1.00	11.60	10%	18.00	2.70	0.00	0.00	0.00	0.45	0.00	0.00

Depth From	To (m)	Lith. Code	Struc	Lithology	Description	From (m)	To (m)	Sample #	Width (m)	AU g/t	Q %	Py (%) Cgr	Py (%) Fgr	Cpy (%)	Sph (%)	Tet (%)	Aspy (%)	VG Occ	Alt'n Ser
65.85	66.85	T2		Altered Basalt	Buff yellow brown, iSer, fgr, moderately fractured. Localized iSer (apple green) anastamosing patches and veinlets, five Q stringers with sharp contacts and intensely digesting T2 host rock with engulfed clasts. Two phases of Q, milky white and clear grey, stringers approx @30TCA, vuggy, unfilled fractures, contains 1cm fault at 66.80m, few Ca veinlets.	65.85	66.85	32072	1.00	0.11	8%	0.25	0.11	0.00	0.00	0.10	0.00	0.00	2.76
66.85	67.86	T4		Py QV Zone >5% Q	Buff brown with purple hue, weakly fractured filled with clay, wK(P). Localized intense carbonate anastomosing veinlets, localized iSer (apple green) patches. Contains 2x6cm Q stringer, milky white with grey clear Q along fractures.	66.85	67.86	32073	1.01	5.80	3%	4.85	0.49	0.10	0.25	0.25	0.00	0.00	2.91
67.86	69.60	T2		Altered Basalt	Buff grey, fgr, few Q/Ca veinlets, iK(F), moderately fractured. Gradational transition into T1 volcanics over latter 70cm.	67.86	68.66	32074	0.80	0.13	2%	0.00	0.10	0.00	0.00	0.10	0.00	0.00	0.00
						68.66	69.60	32075	0.94	0.01	1%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
69.60	72.40	T1		Basalt	Green-grey, mgr, moderately fractured filled with G +/-K, few whispy Q/Ca veinlets gradational UC, LC approx @40TCA.	69.60	71.00	32076	1.40	0.01	1%	0.10	0.00	0.00	0.00	0.10	0.00	0.00	0.00
						71.00	72.40	32077	1.40	0.01	1%	0.10	0.00	0.00	0.00	0.10	0.00	0.00	0.00
72.40	77.88	T2		Altered Basalt	Green-grey to buff yellow brown localized iSer, f-mgr, iK(F). Moderately fractured, chaotic Ca +/-K +/- Chl veinlets offset by later iK(F), localized contains three Q stringers approx @45TCA, approx 1.2m	72.40	73.50	32078	1.10	0.01	1%	0.00	0.10	0.00	0.00	0.10	0.00	0.00	2.97
						73.50	74.70	32079	1.20	0.01	2%	0.00	0.10	0.00	0.00	0.10	0.00	0.00	3.00
						74.70	75.40	32081	0.70	0.01	1%	0.10	0.00	0.00	0.00	0.10	0.00	0.00	0.00
						75.40	76.10	32082	0.70	0.01	5%	0.29	0.05	0.00	0.00	0.10	0.00	0.00	2.85
						76.10	77.10	32083	1.00	0.01	1%	0.00	0.25	0.00	0.00	0.10	0.00	0.00	0.00

Depth From	To (m)	Lith. Code	Struc	Lithology	Description	From (m)	To (m)	Sample #	Width (m)	AU g/t	Q %	Py (%) Cgr	Py (%) Fgr	Cpy (%)	Sph (%)	Tet (%)	Aspy (%)	VG Occ	Alt'n Ser
					stringers approx @ 45TCA, approx 1.2m apart, approx 5cm width further detailed below. Moderate fault, iK gouge with rubble at 73.87m bounded by parallel TCA principle fracture 73.5m-73.87m, 73.9m-74.1m. Q stringer one, at 73.42m, variable grey to clear white. Intensely fractured filled with dark grey Q. Contains abundant Ca. Q stringer two, at 74.62m, intensely fractured. Milky white, pervasive Ser alteration. Trace cgr Py, very little dark grey Q presence. Q stringer three at 75.90m, variably grey to clear Q. Intensely fractured, contains many T2 xenoliths partially digested, abundant sulphide mineralization. 77.1m-78.5m In volcanic fragments in QVBX 0.25% fgr Py, 0.25% cgr, 0.25% fgr Py in Q.	77.10	78.50	32084	1.40	1.68	10%	0.23	0.23	0.00	0.00	0.00	0.00	0.00	0.00
77.88	78.20	QVBX	FLT	Quartz Vein Breccia	QVBX/Fault parallel TCA. 30% white Q/Ca matrix supports mCa alteration angular fragments, matrix.														
78.20	78.50	T4A		Py QV Zone <5% Q	Ser 1-2mm size porphyroblasts weak to moderately fractured with few Q/Ca +/- Ser filled fractures.														
78.50	81.85	T2		Altered Basalt	Medium brownish mK(f), few Q/Ca veinlets approx @40TCA. Last 20cm vuggy and unfilled fracture, abundant Ca speckled fabric.	78.50	80.00	32085	1.50	0.04	1%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
						80.00	81.10	32086	1.10	0.01	2%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						81.10	81.85	32087	0.75	0.03	1%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
81.85	82.50	T4	FLTZ	Py QV Zone >5% Q	Buff brown, fgr, mK(f), few Ca veinlets. iSer alteration, Q stringer @45TCA contains abundant Ca, milky white, weakly fractured, vuggy, bounded by iK gouge.	81.85	82.50	32088	0.65	0.78	8%	0.23	0.23	0.00	0.00	0.00	0.23	0.00	0.00
82.50	83.22	T2		Altered Basalt	Olive brownish with iChl patches. m(k) (f).	82.50	83.22	32089	0.72	0.01	2%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
83.22	90.55	T1		Basalt	Dark greenish fgr local isolated patches of iChl +/-K, +/-leucox? Weak white K on fracture (mm scale), no PDO. Few Q/Ca veinlets at 84.3. Tension gashes filled with white Q @30TCA. See diagram in notes.	83.22	84.72	32091	1.50	0.01	0%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
						84.72	86.22	32092	1.50	0.01	1%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
						86.22	88.00	32093	1.78	0.01	0%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						88.00	89.30	32094	1.30	0.01	1%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						89.30	90.55	32095	1.25	0.01	1%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90.55	102.00	T2		Altered Basalt	fgr buff-mauve colour, mCa mSi, few Q veinlets to 1cm average PDO @30-40TCA. Q veinlets locally contain Ser, no sulphide	90.55	91.90	32096	1.35	0.03	5%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
						91.90	93.40	32097	1.50	0.04	1%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
						93.40	94.90	32098	1.50	0.01	3%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00

Depth From	To (m)	Lith. Code	Struc	Lithology	Description	From (m)	To (m)	Sample #	Width (m)	AU g/t	Q %	Py (%) Cgr	Py (%) Fgr	Cpy (%)	Sph (%)	Tet (%)	Aspy (%)	VG Occ	Alt'n Ser
					in veinlets.	94.90	96.40	32099	1.50	0.10	3%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
					91.83-91.9 Q veinlet with few well digested T2 fragments, no sulphide @45TCA. Four Q veinlets with moderate yellow Ca, 5cm, no sulphide. @40TCA, graphitic +/- Ser contacts, very discreet.	96.40	97.90	31146	1.50	0.03	3%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						97.90	99.50	31147	1.60	0.05	7%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						99.50	100.90	31148	1.40	0.01	3%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						100.90	102.00	31149	1.10	0.01	2%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
102.00	107.40	T1		Basalt	Few patches iSer, mSi(p) Medium-dark green, mSi. Numerous irregular Q stockworks and veinlets. No sulphide in Q.	102.00	103.45	27001	1.45	0.01	1%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
						103.45	104.85	27002	1.40	0.01	1%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
						104.85	106.10	27003	1.25	0.01	1%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
						106.10	107.40	27004	1.30	0.01	2%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
107.40	113.65	T2		Altered Basalt	Very weak Ca alteration, numerous mm scale Q veinlets (fractured infill) and weak stockworks with creamy Ca rims around Q/Ca veinlets. No obvious PDO for Q/Ca structure.	107.40	108.90	27005	1.50	0.01	1%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
						108.90	110.40	27006	1.50	0.01	2%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						110.40	111.90	27007	1.50	0.01	1%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						111.90	113.40	27008	1.50	0.11	4%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
					111.9-117.25 At this point, T2 changes in character. mm scale Q veinlets change to Chl fracture filled with 3cm Q veinlets. (no mm scale Q/Ca structure). Chl +/- clay alteration fragments angular in Q/Ca veinlets and stockworks. Local iCBX with Chl filled fractures.	113.40	114.25	27009	0.85	0.13	3%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
113.65	114.25	T4A		Py QV Zone <5% Q	iCa mSer with 3cm Q/Ca veinlet @30TCA. Q veinlet has numerous clots of Ser espeically near selvage. Locally vuggy, no sulphide in veinlet.														
114.25	117.20	T2		Altered Basalt	Buff-grey fgr, mCa wSer, few barren Q veinlets less than 1cm. No sulphide. Local K(f).	114.25	115.75	27011	1.50	0.01	1%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
						115.75	117.20	27012	1.45	0.01	1%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
117.20	117.96	T4A		Py QV Zone <5% Q	iCa, moderately fractured, local iCBX mSi, local iK(f). LC very discrete with 2-3cm graphitic/pyritic band @50TCA. 0.5% irregular blebs and mm scale veinlets. 0.5% fgr Aspy Very bright whitish silver, diss. Few mgr Aspy.	117.20	117.96	27013	0.76	1.27	1%	2.97	2.97	0.00	0.00	0.00	0.99	0.00	0.00
117.96	126.95	T2		Altered Basalt	117.96-121.0 iSer(p), local iK(p), local iK(f). Very irregular Q/Ca +/- Ser veinlets, local T2 fragments (fresh and moderately digested). Q veinlets locally vuggy.	117.96	119.46	27015	1.50	0.08	3%	0.10	0.10	0.10	0.00	0.00	0.00	0.00	0.00
						119.46	120.95	27016	1.49	0.03	2%	0.10	0.10	0.10	0.00	0.00	0.00	0.00	0.00
						120.95	122.56	27017	1.61	0.21	2%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						122.56	124.06	27018	1.50	0.22	1%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
					120.95-124.0 iSer(p), "yellowish tinge"	124.06	125.56	27019	1.50	0.01	1%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Depth From	To (m)	Lith. Code	Struc	Lithology	Description	From (m)	To (m)	Sample #	Width (m)	AU g/t	Q %	Py (%) Cgr	Py (%) Fgr	Cpy (%)	Sph (%)	Tet (%)	Aspy (%)	VG Occ	Alt'n Ser
					121.0 Few Q veinlets, PDO @40-45TCA. Shearing/boudinage @45TCA. 122.4 Q stringer @60TCA. HW intensely vuggy, blue clay on fracture. See diagram in logs	125.56	126.96	27021	1.40	0.01	1%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
126.95	130.00	T2	BX	Altered Basalt	Medium buff-grey, fgr fragments locally are hosted by Chl/G +/- Si matrix. Some zones are more BX than others. Fragments at mK(p). Few Q veinlets, no sulphide. 128.5-130.0 Local 0.25% cgr Py.	126.96	128.50	27022	1.54	0.03	5%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
						128.50	130.00	27023	1.50	0.01	1%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
130.00	131.80	T2		Altered Basalt	Relatively massive, medium buff, few Q veinlets to 6mm, PDO @50TCA.	130.00	130.90	27024	0.90	0.04	1%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
						130.90	131.80	27025	0.90	0.04	1%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
131.80	132.35	T4A	FLT	Py QV Zone <5% Q	Intensely broken core, wK(f) mK(p). Medium buff, intensely vuggy wth very irregular Q veinlets.	131.80	132.35	27026	0.55	0.56	2%	0.98	0.49	0.00	0.00	0.00	0.00	0.00	0.00
132.35	132.55	T5		QV	Discrete contacts @45TCA. White Q, intensely fractured, with white and grey and intense yellow Ca 2cm stringer selvages. Vuggy along fractures. 1.5% fgr Py especially at stringer selvages.	132.35	132.55	27027	0.20	1.26	99%	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00
132.55	134.00	T2	FLT	Altered Basalt	w-mCa, intensely broken core to 133.5, mK(p) especially 135.3. Moderately vuggy throughout. Few Q blebs and irregular veinlets. No sulphide in Q.	132.55	134.00	27028	1.45	0.49	1%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
134.00	135.30	T2	BX	Altered Basalt	Less Ca alteration fragments rounded, hosted by iK matrix, fragments:matrix 85:15. Few Q filled fractures (veinlets), few Chl filled fractures. Q/Ca vnlts. No sulphide. 5cm grades into mD iK gouge at LC zone.	134.00	135.30	27029	1.30	0.03	1%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.30	141.40	T1		Basalt	iK(p), numerous white Q irregular veinlets and patches. No PDO. Few local zones of BX with T1 fragments in iK matrix.	135.30	136.80	27031	1.50	0.01	1%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						136.80	138.30	27032	1.50	0.03	1%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						138.30	139.80	27033	1.50	0.01	1%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						139.80	141.40	27034	1.60	0.01	1%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EOH																			

Cusac Gold Mines Ltd.	07 Taurus	Diamond Drill Hole Log	07TC-05

Collar Details			Purpose:	Started	June 27, 2007		
Longitude	459721.0	E	Infill & Metallurgical Drilling 88 Hill	Finished	June 30, 2007		
Latitude	6570434.0	N		Logged By:	C. Zwarich		
Elevation	1119.0	m ASL		Tests	Depth	Az	Dip
End of Hole	190.8	m			0.0	179.1	-45.5
Azimuth	179.1						
Dip	-45.5						

Depth From	To (m)	Lith. Cod	Struc	Lithology	Description	From (m)	To (m)	Sample #	Width (m)	AU g/t	Q %	Py (%) Cgr	Py (%) Fgr	Cpy (%)	Sph (%)	Tet (%)	Aspy (%)	VG Occ	Alt'n Ser
0	3.30	OB		Overburden	0-3.00 Casing. 3.0-3.10 Overburden. 3.10-3.30 Subcrop.														
3.30	7.85	T1		Basalt	Dark blue/green, fgr, massive. Weakly fractured, filled with Si/G. Few Q/Ca veinlets, no PDO, mm scale. Few Q/Ca whisps mm-cm scale, FeOx along fractures.	3.30	4.80	32141	1.50	0.01	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						4.80	6.30	32142	1.50	0.01	1%	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						6.30	7.85	32143	1.55	0.01	0%	0.25	0.10	0.00	0.00	0.00	0.00	0.00	0.00
7.85	8.85	T4A		Py QV Zone <5% Q	Light grey, fgr, massive. Moderately fractured, filled with Si/G. FeOx along fractures, few Q/Ca veinlets, no PDO. T4A fades into T1- gradual. Locally 3% Aspy, 4% cgr.	7.85	8.85	32144	1.00	0.69	1%	2.48	0.25	0.00	0.00	0.00	0.99	0.00	0.00
8.85	11.70	T1		Basalt	Dark blue/green, fgr, massive. Weakly fractured, filled with Si/G, many Q/Ca veinlets/blebs mm scale, no PDO. FeOx along fractures. Weak fault, blocky ~9.5-11.0. **Missing core between ~ 9.5-11.0.	8.85	10.30	32145	1.45	1.00	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						10.30	11.70	32146	1.40	0.01	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11.70	15.65	T4		Py QV Zone >5% Q	Light grey, fgr, massive. Weak-moderately fractured, filled with Si/G, FeOx along fractures. Few Q/Ca veinlets and whisps, no PDO, mm scale. Five Q stringers: at 12.2, ~ 18cm @~75TCA, at 12.6 ~ 10cm contacts TCA not clear, at 13.1 ~ 12cm contacts TCA not clear, at 14.05 ~ 3cm ~ perpendicular TCA, at 15.00 ~ 6cm ~ perpendicular TCA. Q stringer - wSer. 12% Q in zone. wSer near end of unit.	11.70	13.50	32147	1.80	3.20	25%	7.56	0.06	0.25	0.25	0.00	0.19	0.00	0.25
						13.50	15.00	32148	1.50	2.28	50%	0.50	0.25	0.50	0.50	0.00	0.25	0.00	0.50
						15.00	15.65	32149	0.65	0.21	25%	0.25	0.06	0.25	0.25	0.00	0.19	0.00	0.25
15.65	18.90	T4		Py QV Zone >5% Q	w-mSer, light grey, fgr, massive. Weakly fractured, filled with Si/G Many Q/Ca veinlets, either no PDO or @~50TCA. Q stringers as noted: at 16.75, ~ 20cm, @~45TCA. At 17.15 ~10cm, @~45TCA. At 18.3 ~8cm, @~50TCA.	15.65	17.00	32151	1.35	0.64	25%	2.31	0.06	0.25	0.25	0.00	0.19	0.00	0.25
						17.00	18.00	32152	1.00	2.07	100%	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00
						18.00	18.90	32153	0.90	0.12	7%	0.25	0.02	0.00	0.00	0.00	0.00	0.00	2.00
18.90	20.50	T2		Altered Basalt	Light green/grey, fgr, massive. Moderately fractured, filled with Si/G. Many Q/Ca veinlets and whisps, mm scale, no PDO. mSer.	18.90	20.50	32154	1.60	0.03	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	1.98
20.50	24.45	T1		Basalt	Dark grey/green, fgr, massive. Moderate-intensely fractured, filled with Si/G, local BX zones. Many Q/Ca blebs and veinlets, no PDO. One Q veinlet @~45TCA, mm scale.	20.50	22.00	32155	1.50	0.01	1%	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						22.00	23.50	32156	1.50	0.01	0%	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						23.50	24.45	32157	0.95	0.04	1%	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Depth From	To (m)	Lith. Cod	Struc	Lithology	Description	From (m)	To (m)	Sample #	Width (m)	AU g/t	Q %	Py (%) Cgr	Py (%) Fgr	Cpy (%)	Sph (%)	Tet (%)	Aspy (%)	VG Occ	Alt'n Ser
24.45	25.05	T2		Altered Basalt	Medium grey/green, fgr, massive. Weakly fractured, filled with Si/G. Many Q veinlets, whisps. No PDO, mm scale, one Q stringer ~3cm.	24.45	25.05	32158	0.60	0.01	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25.05	25.80	T4A		Py QV Zone <5% Q	Light grey, slightly green, fgr, massive. Weakly fractured, filled with Si/G. Many Q veinlets, whisps, no PDO, mm scale. One Q stringer ~ 3cm.	25.05	25.80	32159	0.75	0.17	1%	0.25	0.00	0.00	0.00	0.10	0.00	0.00	0.00
25.80	28.45	T2		Altered Basalt	Medium green/grey, fgr, massive. Moderately fractured, filled with Si/G. Few-many Q/Ca veinlets and whisps @~45TCA or no PDO.	25.80	27.30	32161	1.50	0.04	0%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						27.30	28.45	32162	1.15	0.01	0%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28.45	29.30	T4A		Py QV Zone <5% Q	Light grey-mauve, fgr, massive. Weakly fractured, filled with Si/G. 2% cgr diss Py, up to 1cm, euhedral.	28.45	29.30	32163	0.85	3.74	0%	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00
29.30	29.60	T5	QV	QV	Milky white, Ca rich Q. Weakly fractured, filled with Si/G. Blocky, weak fault?	29.30	29.60	32164	0.30	20.30	98%	0.26	0.25	0.00	0.00	0.00	0.00	0.00	0.00
29.60	30.30	T4A		Py QV Zone <5% Q	Light grey, fgr, massive. Few Q/Ca veinlets, no PDO. Blocky, weak fault?	29.60	30.30	32165	0.70	0.01	2%	4.90	0.00	0.00	0.00	0.00	0.98	0.00	0.00
30.30	30.80	T2		Altered Basalt	Medium green/grey, fgr, massive. Weakly fractured, filled with Si/G.	30.30	30.80	32166	0.50	0.05	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30.80	31.90	T4A		Py QV Zone <5% Q	As above. One Q stringer at ~ 5cm, angle TCA not clear. Few Q/Ca veinlets, no PDO, mm scale. Blocky, weak fault?	30.80	31.90	32167	1.10	13.90	2%	4.90	0.98	0.00	0.00	0.00	0.25	0.00	0.00
31.90	34.90	T2		Altered Basalt	Medium green/grey, fgr, massive. Few Q/Ca veinlets, mm scale, @~45TCA.	31.90	32.90	32168	1.00	0.04	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						32.90	33.90	32169	1.00	0.03	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						33.90	34.90	32171	1.00	0.01	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
34.90	35.55	T4A		Py QV Zone <5% Q	Light grey, fgr, massive. Weakly fractured, filled with Si/G. Few Q/Ca veinlets, no PDO.	34.90	35.55	32172	0.65	3.17	1%	7.92	0.00	0.00	0.00	0.00	0.25	0.00	0.00
35.55	36.00	T5	QV	QV	Milky white Q, volcanic and graphite inclusions and veinlets containing Py. UC and LC @~45TCA.	35.55	36.00	32173	0.45	7.98	95%	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
36.00	39.90	T4A		Py QV Zone <5% Q	Light grey, fgr, massive. Few Q/Ca veinlets, mm scale, @~50TCA, some perpendicular TCA. Few chert and Q blebs 0.5-3cm width. Q stringers as noted, all @~50TCA: at 37.10 (2cm), at 37.55 (3cm), at 38.15 (2cm), at 39.40 (10cm). w-mSer.	36.00	37.50	32175	1.50	2.36	2%	1.96	0.98	0.00	0.00	0.00	1.47	0.00	0.00
						37.50	38.70	32176	1.20	0.70	2%	1.96	0.49	0.00	0.00	0.00	0.98	0.00	0.00
						38.70	39.90	32177	1.20	2.72	3%	0.97	0.49	0.00	0.00	0.00	0.24	0.00	1.94
39.90	41.35	T2		Altered Basalt	Medium green/grey, fgr, massive, mottled texture-colours. Few Q/Ca veinlets, no PDO. Ca talc seen on fracture surfaces. mSer.	39.90	41.35	32178	1.45	0.01	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	1.98
41.35	42.50	T2	FLT	Altered Basalt	Light green/grey, fgr, massive. Upper ~15cm iK. Blocky, rubbly small broken pieces. Few Q/Ca veinlets and blebs, no PDO, mm-1cm scale.	41.35	42.50	32179	1.15	0.04	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
42.50	44.65	T4A	FLT	Py QV Zone <5% Q	Light mauve-grey, fgr, massive. Moderately fractured, filled with Si/G. Many Q/Ca veinlets, mm scale, no PDO. Few Q stringers ~3cm @~50TCA. wSer. mK throughout. 42.5-43.65 Locally 30% cgr Py (7% overall). 43.65-44.65 Locally 10% cgr Py (3% overall).	42.50	43.65	32181	1.15	5.55	2%	6.86	0.49	0.00	0.00	0.00	0.98	0.00	0.98
						43.65	44.65	32182	1.00	0.80	1%	2.97	0.25	0.00	0.00	0.00	0.25	0.00	0.00
44.65	44.95	T5	QV	QV	Milky white Q/Ca. Few fractures- graphite. No sulphide in Q, fgr Py in volcanics. G at contacts.	44.65	44.95	32183	0.30	6.40	99%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Depth From	To (m)	Lith. Cod	Struc	Lithology	Description	From (m)	To (m)	Sample #	Width (m)	AU g/t	Q %	Py (%) Cgr	Py (%) Fgr	Cpy (%)	Sph (%)	Tet (%)	Aspy (%)	VG Occ	Alt'n Ser
44.95	52.65	T2		Altered Basalt	Medium green, slightly altered volcanics. Few to many Q/Ca veinlets, no PDO. Little fault at 51.5 ~30cm, mK. Also at 52.4 ~15cm, mK.	44.95	46.40	32184	1.45	0.43	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						46.40	47.90	32185	1.50	0.01	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						47.90	49.40	32186	1.50	0.01	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						49.40	50.90	32187	1.50	0.01	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						50.90	51.90	32188	1.00	0.01	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						51.90	52.65	32189	0.75	0.03	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
52.65	52.95	T4A		Py QV Zone <5% Q	Light grey, fgr, massive. Few Q/Ca veinlets, no PDO.	52.65	52.95	32191	0.30	1.25	1%	2.97	0.99	0.00	0.00	0.00	0.00	0.00	0.00
52.95	53.30	T5	QV	QV	Bands of volcanics and graphite- sulphide @~50TCA, some discontinuous.	52.95	53.30	32192	0.35	16.20	90%	6.09	0.09	0.00	0.00	0.00	2.09	0.00	0.00
53.30	53.90	T4A		Py QV Zone <5% Q	Light grey, fgr, massive. Many Q/Ca veinlets, no PDO, mm scale.	53.30	53.90	32193	0.60	1.53	1%	0.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00
53.90	58.30	T2		Altered Basalt	Dark green grey, fgr, massive. Slightly altered volcanics, many Q/Ca veinlets, no PDO. Weak to moderate fractured, filled with Si/G.	53.90	55.40	32194	1.50	0.03	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						55.40	56.90	32195	1.50	0.03	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						56.90	57.40	32196	0.50	0.01	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						57.40	58.30	32197	0.90	0.03	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
58.30	59.05	T4A		Py QV Zone <5% Q	Light grey, fgr, massive. Few Q/Ca veinlets @~45TCA. Q stringer ~6cm @~50TCA.	58.30	59.05	32198	0.75	0.61	3%	1.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00
59.05	60.00	T2		Altered Basalt	Medium green/grey, weakly fractured, filled with Si/G, fgr, massive.	59.05	60.00	32199	0.95	0.01	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60.00	60.35	T4A		Py QV Zone <5% Q	Light grey, fgr, massive. Few Q/Ca veinlets @~45TCA.	60.00	60.35	43101	0.35	2.25	1%	9.90	0.00	0.00	0.00	0.00	0.50	0.00	0.00
60.35	60.60	T5	QV	QV	Milky white, no sulphides in Q. Few fractures, filled with G, containing sulphides.	60.35	60.60	43102	0.25	2.44	99%	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60.60	61.95	T4A	FLT	Py QV Zone <5% Q	Light grey, fgr, massive. Upper 15cm iK. Blocky, rubbly and broken. Few Q/Ca veinlets, no PDO. mSer.	60.60	61.95	43103	1.35	1.19	1%	6.93	0.00	0.00	0.00	0.00	0.50	0.00	1.98
61.95	62.55	T2	FLT	Altered Basalt	As above. Few Q/Ca veinlets, no PDO, broken and blocky.	61.95	62.55	43104	0.60	0.01	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
62.55	63.10	T4A	FLT	Py QV Zone <5% Q	Light grey, fgr, massive. Intensely fractured. Q/Ca veinlets, no PDO, mm scale. Q/Ca blebs ~ 2-3cm.	62.55	63.10	43105	0.55	0.35	1%	0.99	0.00	0.00	0.00	0.00	0.25	0.00	0.00
63.10	63.75	T2	FLT	Altered Basalt	As above.	63.10	63.75	43106	0.65	0.01	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
63.75	64.35	T4A	FLT	Py QV Zone <5% Q	As above. Q stringer ~6cm @~50TCA.	63.75	64.35	43107	0.60	6.42	3%	0.97	0.00	0.00	0.10	0.00	0.49	0.00	0.00
64.35	71.30	T2		Altered Basalt	As above. Becomes greener and less altered at ~67.9. Two Q stringers at 67.35 and 66.80, both ~ 6cm. Contain Py at contacts, locally 2%.	64.35	65.85	43108	1.50	0.19	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						65.85	67.35	43109	1.50	0.31	3%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						67.35	68.85	43111	1.50	0.01	2%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						68.85	69.85	43112	1.00	0.01	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						69.85	71.30	43113	1.45	0.01	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
71.30	72.80	T1		Basalt	Dark green, fgr, massive. Very few Q/Ca veinlets, no PDO, mm scale.	71.30	72.80	43114	1.50	0.01	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
72.80	73.80	T2		Altered Basalt	As above.	72.80	73.80	43115	1.00	0.03	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
73.80	76.85	T1	FLT	Basalt	As above. Local iK, green. Very crumbly and broken, with local clay rich zones.	73.80	75.25	43116	1.45	0.01	0%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						75.25	76.85	43117	1.60	0.01	0%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
76.85	78.60	T4A	FLT	Py QV Zone <5% Q	As above. Local iK, broken, blocky, wSer. QV at 78.3	76.85	78.30	43118	1.45	0.43	1%	4.95	0.00	0.00	0.00	0.00	2.97	0.00	0.99

Depth From	To (m)	Lith. Cod	Struc	Lithology	Description	From (m)	To (m)	Sample #	Width (m)	AU g/t	Q %	Py (%) Cgr	Py (%) Fgr	Cpy (%)	Sph (%)	Tet (%)	Aspy (%)	VG Occ	Alt'n Ser
					~30cm, UC and LC not clear. Intensely broken, fractured, many clay/volcanic inclusions comtaining sulphides (Py). 76.85-78.3 Locally 20% Aspy.	78.30	78.60	43119	0.30	1.93	80%	1.40	0.00	0.00	0.00	0.00	1.00	0.00	0.00
						78.60	80.10	43121	1.50	0.24	1%	0.50	0.00	0.00	0.00	0.00	0.10	0.00	0.00
78.60	84.30	T4A		Py QV Zone <5% Q	Light grey, fgr, massive. Weakly fratured filled with Si/G. Few to many Q/Ca veinlets. Local w-mSer. Two Q/Ca stringers, at 83.05 ~ 3cm @~55TCA and at ~82.4 ~5cm.	80.10	81.60	43122	1.50	0.01	1%	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						81.60	83.10	43123	1.50	0.05	2%	0.49	0.00	0.00	0.00	0.10	0.00	0.00	0.00
						83.10	84.30	43124	1.20	0.01	1%	0.50	0.00	0.00	0.00	0.10	0.00	0.00	0.00
84.30	86.85	T2		Altered Basalt	Light, buff grey, fgr, massive. Moderately fractured, filled with Si/G. Many Q/Ca veinlets, no PDO, mm scale.	84.30	85.80	43125	1.50	0.01	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	1.98
						85.80	86.85	43126	1.05	0.01	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
86.85	94.95	T4A		Py QV Zone <5% Q	As above. Q stringer at ~86.85 ~15cm, angle TCA not clear. Q stringers as noted below: Q stringer at 92.55, ~10cm, @~50TCA. Q stringer at 94.15, ~5cm, @~45TCA. Q stringer at 94.5, ~15cm, @~45TCA.	86.85	88.35	43127	1.50	0.07	25%	0.44	0.06	0.25	0.25	0.00	0.19	0.00	0.25
						88.35	89.80	43128	1.45	0.01	1%	0.50	0.00	0.00	0.00	0.00	0.25	0.00	0.00
						89.80	91.30	43129	1.50	0.17	1%	0.50	0.00	0.00	0.00	0.00	0.25	0.00	0.00
						91.30	92.55	43131	1.25	0.47	2%	0.49	0.00	0.00	0.00	0.00	0.25	0.00	0.00
						92.55	94.00	43132	1.45	0.14	10%	0.45	0.00	0.00	0.00	0.00	0.23	0.00	0.00
						94.00	94.95	43133	0.95	0.75	90%	0.10	0.00	0.00	0.00	0.00	0.05	0.00	0.00
94.95	95.55	T5	QV	QV	Int. fractured, filled with siliceous G, milky white Q.	94.95	95.55	43134	0.60	0.52	1%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95.55	96.30	T4A		Py QV Zone <5% Q	Light grey, fgr, massive. Highly fracture filled with Si/G. Few Q/Ca veinlets, no PDO, mm scale.	95.55	96.30	43135	0.75	0.63	1%	4.95	0.00	0.00	0.00	0.00	0.99	0.00	0.00
96.30	103.35	T2		Altered Basalt	Light green/grey, fgr, massive. Weakly fractured, filled with Si/G. Few Q/Ca veinlets, no PDO, mm scale.	96.30	97.80	43136	1.50	0.03	0%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						97.80	99.30	43137	1.50	0.01	0%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						99.30	100.80	43138	1.50	0.01	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						100.80	102.30	43139	1.50	0.01	2%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						102.30	103.35	43141	1.05	0.01	2%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
103.35	106.05	T4A		Py QV Zone <5% Q	As above. Q stringer at ~104.0, ~25cm @~50TCA. Q stringer at ~105.5, ~5cm, @~50TCA. Q stringer at ~105.6, ~5cm, @~80TCA. Few Q/Ca veinlets @~50TCA.	103.35	104.60	43142	1.25	0.90	100%	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00
						104.60	106.05	43143	1.45	0.75	25%	1.56	0.25	0.25	0.25	0.00	0.19	0.00	0.25
106.05	107.10	T4A	FLT	Py QV Zone <5% Q	As above. Locally iK, blocky and broken. Local BX, intensely fractured. Many Q/Ca veinlets @~80TCA to perpendicular TCA, or no PDO.	106.05	107.10	43144	1.05	0.42	50%	0.75	0.35	0.50	0.50	0.00	0.25	0.00	0.50
107.10	109.50	T4A		Py QV Zone <5% Q	Light grey, fgr, massive. Weakly fractured, filled with Si/G. Few Q/Ca veinlets, no PDO. Little fault-gouge at 107.45, iK, ~10cm, @~50TCA.	107.10	108.60	43145	1.50	0.17	50%	0.50	0.25	0.50	0.50	0.00	0.25	0.00	0.50
						108.60	109.50	43146	0.90	0.01	50%	0.50	0.25	0.50	0.50	0.00	0.25	0.00	0.50
109.50	110.05	T4A	BX	Py QV Zone <5% Q	Light grey, fgr, massive. Intensely fractured, filled with Si/G. mSer.	109.50	110.05	43147	0.55	1.28	1%	11.88	0.50	0.00	0.00	0.00	2.97	0.00	1.98
110.05	110.35	T5	QV	QV	Milky white Q, few G and volcanic bands.	110.05	110.35	43148	0.30	0.30	99%	0.10	0.10	0.10	0.00	0.00	0.00	0.00	0.00
110.35	111.65	T4A	BX	Py QV Zone <5% Q	As above. More iBX and fractured. Small fault gouge zone ~1cm at 110.35 next to QV. mSer. Q stringer at 111.56, ~8cm, @~50TCA, mSer in Q. Locally 5% cgr Py	110.35	111.65	43149	1.30	0.17	3%	1.46	0.00	0.00	0.00	0.00	0.49	0.00	1.94
111.65	116.40	T2		Altered Basalt	w-mSer. Light buff grey, fgr, massive. Weakly fractured, filled with Si/G. Few Q/Ca veinlets, mm scale, no PDO. Few Q stringers ~3cm.	111.65	113.00	43151	1.35	0.07	2%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						113.00	114.50	43152	1.50	0.01	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						114.50	115.50	43153	1.00	0.11	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						115.50	116.40	43154	0.90	0.01	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Depth From	To (m)	Lith. Cod	Struc	Lithology	Description	From (m)	To (m)	Sample #	Width (m)	AU g/t	Q %	Py (%) Cgr	Py (%) Fgr	Cpy (%)	Sph (%)	Tet (%)	Aspy (%)	VG Occ	Alt'n Ser
116.40	118.55	T2	FLT	Altered Basalt	As above. Fault gouge, local iK.	116.40	117.55	43155	1.15	0.03	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						117.55	118.55	43156	1.00	0.01	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
118.55	121.90	T4A		Py QV Zone <5% Q	Light grey, fgr, massive. Moderately fractured, filled with Si/G, local mBX. Q/Ca stringer at 121.2, ~12cm @~45TCA.	118.55	120.00	43157	1.45	0.01	1%	0.50	0.00	0.00	0.00	0.25	0.00	0.00	0.00
						120.00	121.00	43158	1.00	0.11	1%	1.98	0.00	0.00	0.00	0.00	0.99	0.00	0.00
						121.00	121.90	43159	0.90	0.45	3%	1.94	0.00	0.00	0.00	0.00	0.97	0.00	0.00
121.90	127.05	T2		Altered Basalt	Medium green grey, fgr, massive. Moderately fractured. Q/Ca blebs, veinlets. Q/Ca stringer at 126.5, ~10cm, @~45TCA.	121.90	123.40	43161	1.50	0.03	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						123.40	124.90	43162	1.50	0.01	3%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						124.90	126.40	43163	1.50	0.03	3%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						126.40	127.05	43164	0.65	0.01	3%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
127.05	127.35	T5	QV	QV	Milky white Ca rich Q, few graphitic whisps.	127.05	127.35	43165	0.30	0.01	100%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
127.35	128.60	T2		Altered Basalt	Medium green, fgr, massive. Few Q/Ca veinlets @~45TCA or no PDO, mm scale. Q/Ca stringer at 128.8, ~15cm, @~50TCA.	127.35	128.60	43166	1.25	0.01	10%	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00
128.60	133.75	T1		Basalt	Dark green, fgr, massive. Few Q/Ca veinlets, no PDO, mm scale. Last 20cm T2.	128.60	130.10	43167	1.50	0.01	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						130.10	131.60	43168	1.50	0.01	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						131.60	132.60	43169	1.00	0.01	0%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						132.60	133.75	43171	1.15	0.01	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
133.75	138.20	T4A		Py QV Zone <5% Q	Light grey, fgr, massive. Few Q/Ca veinlets, mm scale, no PDO. Weakly fractured, filled with Si/G.	133.75	135.20	43173	1.45	0.86	3%	0.97	0.00	0.00	0.00	0.00	0.97	0.00	0.00
						135.20	136.70	43174	1.50	11.10	1%	9.90	0.00	0.00	0.00	0.00	1.98	0.00	0.00
						136.70	138.20	43175	1.50	0.39	1%	0.99	0.00	0.00	0.00	0.00	0.99	0.00	0.00
138.20	139.40	T2	FLT	Altered Basalt	Light grey, fgr, massive, local iK, blocky. Few Q/Ca veinlets, mm scale, no PDO. Weakly fractured, filled with Si/G.	138.20	139.40	32274	1.20	0.04	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
139.40	141.90	T2		Altered Basalt	Light grey, fgr, massive. Few chert and Q blebs ~2cm width. Weakly fractured, filled with Si/G. Few-many Q/Ca veinlets, mm scale, no PDO. mSer. Lower ~40cm fault, mK.	139.40	140.90	32275	1.50	0.01	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	1.98
						140.90	141.90	32276	1.00	0.08	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	1.98
141.90	148.55	T4A	BX	Py QV Zone <5% Q	mBX. Light grey, fgr, massive. Upper 2m iBX, rest mBX. Fractured filled with Si/G. Many Q/Ca veinlets, mm scale, @~55TCA or no PDO. Q stringer at 142.75, ~8cm, @~50TCA. Q stringer at 142.90, ~8cm, @~50TCA. mSer.	141.90	143.40	32277	1.50	2.59	8%	2.07	0.46	0.00	0.00	0.00	0.92	0.00	1.84
						143.40	144.90	32278	1.50	0.14	1%	0.25	0.00	0.00	0.00	0.00	0.25	0.00	1.98
						144.90	146.40	32279	1.50	1.23	1%	0.99	0.00	0.00	0.00	0.00	0.99	0.00	1.98
						146.40	147.90	32281	1.50	0.32	100%	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00
						147.90	148.60	32282	0.70	0.01	25%	0.25	0.06	0.25	0.25	0.00	0.19	0.00	0.25
148.55	148.80	T4A	FLT	Py QV Zone <5% Q	Light grey, fgr, massive. m-iK, blocky.	148.60	149.20	32283	0.60	0.01	1%	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.99
148.80	150.25	T4A		Py QV Zone <5% Q	Light grey, fgr, massive. Moderately fractured, filled with Si/G. Few Q/Ca veinlets, mm scale, @~45TCA or no PDO.	149.20	150.25	32284	1.05	0.01	1%	0.25	0.00	0.00	0.00	0.00	0.25	0.00	0.99
150.25	154.20	T2		Altered Basalt	Light grey, fgr, massive. Weakly fractured, filled with Si/G. Many Q/Ca veinlets, mm scale, no PDO. Q stringer at ~151.55, ~8cm ~perpendicular TCA. Q stringer at 152.55, ~12cm, @~55TCA. Few Q/chert blebs. Upper 60cm mK, weak-fault	150.25	151.75	32285	1.50	0.03	5%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						151.75	153.25	32286	1.50	0.01	5%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						153.25	154.20	32287	0.95	0.01	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
154.20	159.60	T2		Altered Basalt	Medium green, fgr,massive. Moderately fractured, filled with Si/G. Many Q/Ca veinlets, mm scale, no PDO or @~50TCA. Fault at 154.6-155.5.	154.20	155.70	32288	1.50	0.01	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						155.70	157.20	32289	1.50	0.01	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						157.20	158.70	32291	1.50	0.01	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						158.70	159.60	32293	0.90	0.01	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
159.60	160.30	T1		Basalt	Dark green, fgr, massive.	159.60	160.30	32294	0.70	0.01	0%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.30	181.20	T2		Altered Basalt	As above. Q/Ca stringer at 124.20 ~3cm @~50TCA.	160.30	161.80	32295	1.50	0.08	2%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Depth From	To (m)	Lith. Cod	Struc	Lithology	Description	From (m)	To (m)	Sample #	Width (m)	AU g/t	Q %	Py (%) Cgr	Py (%) Fgr	Cpy (%)	Sph (%)	Tet (%)	Aspy (%)	VG Occ	Alt'n Ser
						161.80	163.30	178651	1.50	0.01	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						163.30	164.80	178652	1.50	0.01	2%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						164.80	166.30	178653	1.50	0.01	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						166.30	167.80	178654	1.50	0.01	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						167.80	169.30	178655	1.50	0.01	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						169.30	170.80	178656	1.50	0.01	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						170.80	172.30	178657	1.50	0.01	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						172.30	173.80	178658	1.50	0.04	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						173.80	175.30	178659	1.50	0.03	2%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						175.30	176.80	178661	1.50	0.01	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						176.80	178.30	178662	1.50	0.01	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						178.30	179.80	178663	1.50	0.05	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						179.80	181.20	178664	1.40	0.12	3%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
181.20	186.15	T1		Basalt	As above.	181.20	182.70	178665	1.50	0.01	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						182.70	184.20	178666	1.50	0.01	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						184.20	185.70	178667	1.50	0.01	2%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						185.70	186.15	178668	0.45	0.01	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
186.15	190.80	T2		Altered Basalt	As above. ~187.65 green turns to grey rock last ~10cm.	186.15	187.65	178669	1.50	0.01	2%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						187.65	189.15	178671	1.50	0.06	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						189.15	190.80	178672	1.65	0.01	5%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EOH																			

Cusac Gold Mines Ltd.	07 Taurus	Diamond Drill Hole Log	07TC-06

Collar Details			Purpose:	Started	June 30, 2007		
Longitude	459772.0	E	Infill & Metallurgical Drilling 88 Hill	Finished	July 2, 2007		
Latitude	6570415.0	N		Logged By:	L. Hunt	S. Anderson	
Elevation	1117.0	m ASL		Tests	Depth	Az	Dip
End of Hole	203.0	m			0.0	180.0	-45.0
Azimuth	180.0						
Dip	-45.0						

Depth From	To (m)	Lith. Code	Struc	Lithology	Description	From (m)	To (m)	Sample #	Width (m)	AU g/t	Q %	Py (%) Cgr	Py (%) Fgr	Cpy (%)	Sph (%)	Tet (%)	Aspy (%)	VG Occ	Alt'n Ser
0	1.52	OB		Overburden	Casing through overburden.														
1.52	2.12	T1	FLT	Basalt	Subcrop.	1.52	2.12	27035	0.60	0.01	0%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.12	3.60	T1		Basalt	Fault. UC @10TCA, LC @60TCA. iK gouge.	2.12	3.60	27036	1.48	0.06	1%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
3.60	4.20	T2		Altered Basalt	Subcrop.	3.60	4.20	27037	0.60	0.01	0%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
4.20	4.75	T4A		Py QV Zone <5% Q	Subcrop. Buff mauve with Q vein inclusions 3%, to 4x5cm, rounded. No sulphide in Q.	4.20	5.40	27038	1.20	1.15	1%	4.95	1.98	0.00	0.00	0.00	2.97	0.00	0.00
4.75	5.10	T4A	FLT	Py QV Zone <5% Q	iK gouge. iFeOx fracture.														
5.10	5.40	T4A		Py QV Zone <5% Q	1% Q/Ca veinlets to 3mm, no PDO.														
5.40	5.70	T5		QV	White Q, iFeOx fracture. Moderately fractured often with Py/G/clay filling to 2mm, no PDO. UC and LC are both clay, Py gouge.	5.40	5.70	27039	0.30	8.28	99%	0.03	0.02	0.00	0.00	0.00	0.02	0.00	0.00
5.70	6.65	T4A		Py QV Zone <5% Q	1% Q/Ca veinlets, mm scale. SOme clear and dark green Q, some irregular clot. White and grey Q. No sulphide in Q.	5.70	6.65	27041	0.95	2.92	1%	2.97	0.99	0.00	0.00	0.00	5.94	0.00	0.00
6.65	7.90	T2		Altered Basalt	Subcrop. wCa alteration, weak to moderately fractured with Chl fill, mm scale, no PDO.	6.65	7.90	27042	1.25	0.01	0%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7.90	17.60	T1		Basalt	Medium-dark green, few mm scale clay +/- Q filled fractures.	7.90	9.50	27043	1.60	0.01	0%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						9.50	11.00	27044	1.50	0.01	1%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						11.00	12.50	27045	1.50	0.01	0%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						12.50	14.02	27046	1.52	0.01	0%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						14.02	15.52	27047	1.50	0.01	1%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						15.52	16.62	27048	1.10	0.01	1%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						16.62	17.60	27049	0.98	0.01	1%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17.60	18.07	T2		Altered Basalt	Buff brown, weak to moderately fractured filled with K, locally K(P). Some Ca specs, some Q/Ca veinlets, no PDO.	17.60	18.07	27051	0.47	0.06	0%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
18.07	19.40	T4A	FLT	Py QV Zone <5% Q	Buff grey with purple hue, few mm scale Ca +/-K veinlets. Local K(p), mK gouge and rubble from 18.7m-19.2m, local iSer.	18.07	19.40	27052	1.33	1.02	2%	0.25	0.25	0.00	0.00	0.00	0.34	0.00	1.96
19.40	20.95	T2		Altered Basalt	Buff brown-grey, moderately fractured filled with K, w-mK(p), few Q/Ca veinlets mm scale. Two Q veinlets clear grey, less than 1cm @45TCA. Contains patchy section filled of clear grey Q, Jasper Q, yellowish Ca.	19.40	20.95	27053	1.55	0.06	1%	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00
20.95	21.75	T4A	FLT	Py QV Zone <5% Q	iK gouge. UC @15TCA, iK(p) throughout. Rubble or intensely fractured filled with fgr Py +/- K. Some Ca and volcanic clasts supported by fracture fills.	20.95	21.75	27054	0.80	1.01	1%	0.00	0.99	0.00	0.00	0.00	0.25	0.00	0.00

Depth From	To (m)	Lith. Code	Struc	Lithology	Description	From (m)	To (m)	Sample #	Width (m)	AU g/t	Q %	Py (%) Cgr	Py (%) Fgr	Cpy (%)	Sph (%)	Tet (%)	Aspy (%)	VG Occ	Alt'n Ser
21.75	23.10	T2		Altered Basalt	Medium-light grey, localized purple hue or buff brown. Moderately fractured, unfilled or filled with G +/- clay. Localized intensely fractured, same fill, mod K(p) in intense fracture zones. Dark speckles throughout zone, few Ca veinlets.	21.75	23.10	27055	1.35	0.01	1%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.98
23.10	23.30	T4		Py QV Zone >5% Q	Light grey with slight purple hue, weakly fractured K filled. Few Ca veinlets, mm scale, localized patchy Ca, Ca speckled volcanics. Contains one ~6.5cm Q stringer @80TCA. Milky white, moderately fractured, contains grey Q, mineralized Q stringer.	23.10	23.30	27056	0.20	2.37	25%	2.31	0.44	0.25	0.25	0.06	0.21	0.00	0.25
23.30	23.85	T2		Altered Basalt	Light grey, locally purple hue or buff brown colouring. Intensely Ca speckled throughout. Contains Q/Ca stringer ~2.5cm @~80TCA. Intensely fractured filled with Ca, grey Q. Contains apple green sericite local carbonate patchy alteration.	23.30	23.85	27057	0.55	0.13	1%	0.00	0.10	0.00	0.00	0.00	0.00	0.00	1.98
23.85	24.37	T4A		Py QV Zone <5% Q	Light grey, with slight purple hue, moderately silicified. Few Ca veinlets and local Ca veinlet system @50TCA. Ca contains mQ, Ca speckels thoughout 1-2mm diameter, some replaced by cgr Py.	23.85	24.37	27058	0.52	3.39	1%	2.97	0.50	0.00	0.00	0.00	0.00	0.00	0.00
24.37	26.05	T2		Altered Basalt	Green-grey to buff green grey, intensely Ca speckled 1-2mm diameter. Moderately fractured filled with Ca +/-K +/- Chl. Few Ca veinlets generally ~20TCA.	24.37	26.05	27059	1.68	0.04	1%	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00
26.05	26.50	T4A		Py QV Zone <5% Q	Buff grey with purple hue, mK(p), moderately fractured filled with K +/- Chl. Few whisp Ca veinlets, mineralized.	26.05	26.50	27061	0.45	6.30	1%	4.95	0.50	0.00	0.00	0.00	0.20	0.00	0.00
26.50	26.97	T5		QV	Milky white Q, contains patchy Ca rich patches. Moderately fractured filled with grey Q (impurities), most recent weak fracture unfilled. Mineralization occurs hear or within grey Q fracture fillings. UC @50TCA, LC indistinct.	26.50	26.97	27062	0.47	3.79	98%	0.49	0.49	0.00	0.00	0.00	0.00	0.00	0.00
26.97	27.25	T4A		Py QV Zone <5% Q	Buff brown grey, intensely fractured based on poor core quality. Otherwise weakly fractured filled with K or unfilled. mK(p), few Ca veinlets, no PDO. Most intense mineralization near UC with T5, gradational decrease towards LC. mm scale Ca veinlet is LC from T4A to T2 @60TCA, contains Q stringer offshoot at T5 (QV), milky white Q with grey Q fractured filling.	26.97	27.25	27064	0.28	2.67	5%	6.68	0.98	0.00	0.00	0.00	0.10	0.00	0.00
27.25	29.25	T2	mFLT	Altered Basalt	Medium green, intensely Ca speckled ~1-2mm diameter. Moderate silification, subparallel TCA (less than 10 degrees). Fault, iK gouge, few Ca veinlets.	27.25	28.25	27065	1.00	0.05	0%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						28.25	29.25	27066	1.00	0.01	0%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29.25	30.60	T1	FLT	Basalt	Dark green, vfgr, massive. Moderately fractured filled with Ca +/-K, iK gouge +/- Ca +/-Chl in faults @~20TCA or indistinct.	29.25	30.60	27067	1.35	0.01	1%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30.60	34.36	T1		Basalt	Dark green, vfgr, massive. Moderately fractured	30.60	32.10	27068	1.50	0.03	0%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Depth From	To (m)	Lith. Code	Struc	Lithology	Description	From (m)	To (m)	Sample #	Width (m)	AU g/t	Q %	Py (%) Cgr	Py (%) Fgr	Cpy (%)	Sph (%)	Tet (%)	Aspy (%)	VG Occ	Alt'n Ser
					filled with Ca +/-K. Light to medium green volcanics	32.10	33.25	27069	1.15	0.01	0%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
					surrounding localized anastomosing chaotic fractures, K filled +/- Chl, many whisp Ca veinlets.	33.25	34.36	27071	1.11	0.01	0%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
34.36	34.66	T1	FLT	Basalt	iK gouge, contains volcanic rubble. mK(p) clasts. No distinct contacts.	34.36	34.66	27072	0.30	0.03	0%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
34.66	36.90	T1		Basalt	As per 30.6-34.36.	34.66	35.80	27073	1.14	0.01	0%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						35.80	36.90	27074	1.10	0.01	0%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
36.90	37.75	T1	FLT	Basalt	As per 34.36-34.66.	36.90	37.75	27075	0.85	0.01	0%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
37.75	40.20	T1		Basalt	Medium green, many Ca veinlets, moderate to	37.75	38.70	27076	0.95	0.01	1%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
					intensely fracture filled with Ca, K +/-Chl, mK(p). 38.70m-39.45m Principle fault, parallel TCA iK(p) near fault.	38.70	40.20	27077	1.50	0.01	1%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40.20	42.25	T2		Altered Basalt	Buff grey, localized m-iSer zones, moderately	40.20	41.15	27078	0.95	0.01	1%	0.00	0.10	0.00	0.00	0.10	0.00	0.00	1.98
					fractured filled with K +/- Chl, moderate silification. Few mm scale Q/Ca veinlets, milky white-clear grey Q, yellowish Ca @~60TCA Contains Q/Ca stringer ~11cm, barren, milky white, rimmed by grey Q @60TCA.	41.15	42.25	27079	1.10	0.01	8%	0.00	0.09	0.00	0.00	0.09	0.00	0.00	1.84
42.25	42.95	T4A		Py QV Zone <5% Q	Buff gry with faint purple hue. Weakly fractured filled with K or unfilled. Few Ca veinlets, contains one off-shoot Q stringer from T5 (next unit). Milky white-clear grey Q, minor mineralization.	42.25	42.95	27081	0.70	3.15	3%	2.91	0.49	0.00	0.00	0.00	1.22	0.00	0.00
42.95	43.55	T5		QV	Milky white Q, green Q occupying fractures and surrounding halo around fractures. Moderately fractured, no PDO, most mineralization is found within or near grey Q. Vuggy and unfilled fractures found locally moderate occurrence, contains volcanic clasts heavily K altered or CSE Py replaced, contains VG! VG (2) ~0.5mm x 0.5mm within or completely replacing volcanics	42.95	43.55	27082	0.60	3.99	95%	2.48	0.53	0.00	0.00	0.00	0.01	2.00	0.00
43.55	43.85	T4A		Py QV Zone <5% Q	Buff brown, mK(p), moderately fractured filled with K or K replaced by CSE Py, near perpendicular TCA, UC with T1 fault @ near perpendicular TCA.	43.55	43.85	27084	0.30	2.61	2%	2.94	0.25	0.00	0.00	0.00	1.96	0.00	2.94
43.85	44.20	T1	FLT	Basalt	Dark green, K(f), UC @near perpendicular TCA, contains Ca blebs and veinlets (initial 8cm), rest of unit iK(p) gouge, pale green.	43.85	44.20	27085	0.35	0.10	1%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
44.20	45.00	T2		Altered Basalt	Buff brown-grey, few Q/Ca veinlets mm scale, pitted texture, localized iCa speckles 1-2mm in diameter. Chaoric Ca veinlet system near LC, contains ~3cm wide barren milky white Q stringer.	44.20	45.00	27086	0.80	0.17	3%	0.24	0.10	0.00	0.00	0.00	0.00	0.00	1.94
45.00	47.85	T4		Py QV Zone >5% Q	Light grey with slight purple hue, localized buff brown	45.00	45.85	27087	0.85	8.84	8%	18.41	2.77	0.00	0.10	0.00	3.22	0.00	1.84
					(iSEr), greater than 5% Q stringer. Q stringers	45.85	46.40	27088	0.55	1.28	12%	0.44	0.22	0.00	0.00	0.00	0.00	0.00	0.00

Depth From	To (m)	Lith. Code	Struc	Lithology	Description	From (m)	To (m)	Sample #	Width (m)	AU g/t	Q %	Py (%) Cgr	Py (%) Fgr	Cpy (%)	Sph (%)	Tet (%)	Aspy (%)	VG Occ	Alt'n Ser
					generally @50TCA. mK(f), local mK(p), few veinlets contain apple green Ser Q stringers within zone bounded by intense sulphide. Q stringer one: Milky white Q, rimmed by grey Q, moderate fractures filled with grey Q, abundant iK(p) volcanic clasts. Q stringer two: Milky white Q, rimmed by grey Q, mCa patches. Q stringer three: LC volcanics, intense sulphie. Milky white Q, fractures filled and haloed by grey Q, moderately fractured. Most mineralization occuring within or near grey Q. Q stringer four: milky white, weakly fractured, no grey Q. LC rimmed with Chl +/- K, trace mineralization. Q stringer five: Milky white, few Ca veinlets, iSer	46.40	47.85	27089	1.45	1.58	15%	12.80	0.48	0.25	0.00	0.02	0.19	0.00	0.15
47.85	50.90	T2		Altered Basalt	Buff brown with slight purple tinge. Many Q/Ca veinlets generally @~50+/-5TCA, locally anastomosing, moderately fractured filled with K +/- Chl, mK(p), localized mCa speckles.	47.85	49.35	27091	1.50	0.01	1%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
						49.35	50.90	27092	1.55	0.04	2%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
50.90	52.15	T4		Py QV Zone >5% Q	Buff grey, recent intense fractures into blocky core. Few Ca veinlets, moderately fractured filled with K +/- Chl, mK(p). Two Q strigners contain patchy Ca @~40TCA. Further detail below: QSTR One: Milky white with clear grey Q, few Ca veinlets, anastamosing in/our around volcanic clasts. QSTR Two: Milky white, unfilled fractures and voids.	50.90	52.15	27093	1.25	0.72	12%	2.77	1.01	0.00	0.00	0.00	0.01	0.00	0.00
52.15	53.70	T2		Altered Basalt	Buff brown-grey-green, contains apple green (Ser) small specs, less than 1mm diameter. Contains Ca whispy veinlets and specs, recent fractures (blocky core)	52.15	53.70	27094	1.55	0.04	1%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
53.70	54.00	T4A		Py QV Zone <5% Q	Buff grey, slight purple tinge, moderately fractured K)f), moderate silicificated (p), few Ca veinlets.	53.70	54.00	27095	0.30	0.21	1%	0.50	0.25	0.00	0.00	0.00	0.20	0.00	0.00
54.00	55.15	T5	BX	QV	Polyphase Q, milky white, clear and grey Q, anastomosing chaotically. Clear grey Q found within centre of milky white veinlets. Clear grey Q clasts 2-20mm, subangular colvanic clasts 1-30mm in size. Volcanic host rock and clasts buff brown, iK(p), many mm scale Q/Ca veinlets. Within volcanics, some dark black Q bands anastamosing through milky white Q, (graphite?), iK +/- Chl (f) with volcanics.	54.00	55.15	27096	1.15	1.27	30%	2.40	2.40	1.00	0.00	0.00	0.53	0.00	0.00
55.15	57.30	T2		Altered Basalt	Buff brown-green, chaotic whispy Ca +/- Chl veinlets. Localized iCa speckling, moderately fractured filled with K +/-Chl.	55.15	56.50	27097	1.35	0.01	1%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	1.98
						56.50	57.30	27098	0.80	0.01	1%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	1.98

Depth From	To (m)	Lith. Code	Struc	Lithology	Description	From (m)	To (m)	Sample #	Width (m)	AU g/t	Q %	Py (%) Cgr	Py (%) Fgr	Cpy (%)	Sph (%)	Tet (%)	Aspy (%)	VG Occ	Alt'n Ser
57.30	57.95	T4A		Py QV Zone <5% Q	Buff brown with slight purple hue. m-iK(f) +/- Chl, few no PDO Ca veinlets. iSer.	57.30	57.95	27099	0.65	1.15	1%	2.97	2.97	0.00	0.00	0.00	0.00	0.00	2.97
57.95	58.95	T4A	FLT	Py QV Zone <5% Q	Initial 25cm iK gouge, remainder of section blocky core. Buff brown, iK(p), intensely fractured, unfilled. Few Ca veinlets, intense sulphide near LC with T5 (~40%).	57.95	58.95	27101	1.00	3.42	1%	29.70	6.93	0.00	0.00	0.00	0.00	0.00	0.00
58.95	59.40	T5	FLT	QV	Very blocky core. Milky white with grey Q +/- K filling. Moderately fractured vein, LC @near perpendicular TCA.	58.95	59.40	27102	0.45	0.18	99%	0.25	0.25	0.25	0.25	0.00	0.10	0.00	0.00
59.40	60.90	T4A	FLT	Py QV Zone <5% Q	Buff grey - buff brown, mK(f), few patchy Ca zones, few Ca veinlets. Contains ~3cm Q stringer, milky white barren of sulphide.	59.40	60.90	27103	1.50	1.74	2%	14.70	6.86	0.00	0.00	0.00	0.00	0.00	0.00
60.90	62.00	T2	FLT	Altered Basalt	Buff brown blocky core, few mm scale Ca veinlets. Two barren ~2cm Q/Ca veinlets @~45+/-5TCA. Localized Ca speckles 1-2mm, localized Ca whisps. mSer	60.90	62.00	27104	1.10	0.05	1%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	1.98
62.00	62.92	T4A		Py QV Zone <5% Q	Buff grey with localized purple hue of buff brown colouring. mK(f) locally replaced by CSE Py. mSi(p), few Q/Ca veinlets, no PDO. Localized patchy Ca zone	62.00	62.92	27105	0.92	2.27	1%	4.95	2.97	0.00	0.00	0.00	0.00	0.00	0.00
62.92	63.35	T2		Altered Basalt	Locally iSEr gradation to wSer(p) iSer(f) zoning. Few Q/Ca veinlets @40TCA with one at @60TCA. Moderately fractured iSer +/-K +/- Chl.	62.92	63.35	27106	0.43	0.06	1%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
63.35	64.35	T4		Py QV Zone >5% Q	Buff brown, chaotic moderately to intensely fractured filled with K +/- Chl +/- G. Few Ca veinlets @60TCA, localized mCa speckling. Q stringer ~10cm @~50TCA LC and UC. Milky white Q bounded by grey Q at contacts, most sulphide occuring near Q stringer. iSer	63.35	64.35	27107	1.00	1.51	7%	2.79	0.93	0.00	0.00	0.00	0.00	0.00	2.79
64.35	64.80	T2		Altered Basalt	Buff grey, moderately fractured filled K+/- Chl. Few Ca veinlets, wK(p).	64.35	64.80	27108	0.45	0.17	1%	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00
64.80	66.20	T4		Py QV Zone >5% Q	Buff brown with slight localized purple hue. Moderately fractured K +/- Chl(f). Few Ca veinlets. 1x15cm Q stringer, LC and UC @55TCA. Milky white with grey Q in weak fracture. Contains some patchy Ca. 1x2cm Q stringer milky white clear Q with Ca patches cut through ~ centre secondary clear-grey Q stringer, system @55TCA. 1x1cm milky white Q stringer @~30TCA contains patchy Ca, Q veinlets mm scale generally @30TCA. Sulphide mineralization in volcanics generally follows fracture replacin gK @~50TCA, intensely sulphide around	64.80	66.20	27109	1.40	3.47	15%	8.50	2.55	0.00	0.00	0.00	0.00	0.00	0.00
66.20	68.35	T2		Altered Basalt	Pale green with localized mSer zones characterized by buff brown colouration. mK(mF) +/- Chl. few Ca veinlets, localized chaotic anastomosing Ca +/- Chl patches.	66.20	67.10	27111	0.90	0.01	1%	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00
						67.10	68.35	27112	1.25	0.01	0%	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00
68.35	69.17	T4A		Py QV Zone <5% Q	UC indistinct, gradational LC to T2 @~50TCA. Buff grey with slight yellow tinge, weakly fractured filled with K +/- Chl or unfilled. Few Q/Ca veinlets, no PDO, dark blebs found moderately throughout	68.35	69.17	27113	0.82	0.08	1%	2.97	0.50	0.00	0.00	0.00	0.00	0.00	0.00

Depth From	To (m)	Lith. Code	Struc	Lithology	Description	From (m)	To (m)	Sample #	Width (m)	AU g/t	Q %	Py (%) Cgr	Py (%) Fgr	Cpy (%)	Sph (%)	Tet (%)	Aspy (%)	VG Occ	Alt'n Ser
69.17	71.93	T1		Basalt	Medium green, weakly fractured filled K +/- Chl. Few Q/Ca @~55TCA, many whispy Ca mm scale veinlets @~35+/-5TCA.	69.17	70.40	27114	1.23	0.01	0%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						70.40	71.93	27115	1.53	0.01	0%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
71.93	73.00	T2		Altered Basalt	Pale green-yellow, no Ca veinlets, moderate Ca speckling less than 1mm diameter. One occurrence of chaotic patchy Ca +/- K +/- Chl +/- Si veinlets system. DIssolution upper and lower contacts @~40TCA and near perpendicular TCA respectively.	71.93	73.00	27116	1.07	0.01	0%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
73.00	73.50	T4A		Py QV Zone <5% Q	Transition from UC perpendicular TCA through buff brown (iSEr) to buff grey colouration, coinciding progression from moderately to intensely fractured filled with K +/-Chl, few Ca veinlets	73.00	73.50	27117	0.50	0.94	1%	4.95	1.98	0.00	0.00	0.00	0.00	0.00	0.00
73.50	74.10	T4		Py QV Zone >5% Q	Buff brown-grey, m-iK(p), iK(mf), few unfilled fractures. ~9cm Q stringer UC and LC @~45TCA, milky white contains few open voids and unfilled fractures, few patchy Ca, bounded by anastamosingQ and Q/Ca stringers ~2mm-30mm. Heavily sulphide mineralized zone, anastamosing Q is clear to variable grey and milky white	73.50	74.10	27118	0.60	1.01	30%	7.60	4.10	0.10	0.25	0.00	0.35	0.00	0.00
74.10	76.20	T4A		Py QV Zone <5% Q	Buff brown-grey, moderately to intensely fractured filled with K +/- Chl, locally mK(p). Few Q/Ca veinlets @~65TCA, contains one Q stringer ~2cm milky white, barren @~45TCA. cgr Py zones in/on, qx60cm zone of volcanics with little cgr Py.	74.10	75.10	27119	1.00	0.58	1%	4.95	0.99	0.00	0.00	0.00	0.00	0.00	0.00
						75.10	76.20	27121	1.10	0.74	2%	4.90	0.98	0.00	0.00	0.00	0.00	0.00	0.00
76.20	79.50	T2		Altered Basalt	Buff grey, mCa speckling less than 1mm. Less than 1mm appel green sericite speckled, moderately fractured filled with K +/- Chl. Few mm scale Q/Ca veinlets, local zone of three Q stringers @~45TCA from 1cm-5cm. Milky white, clear grey Q, all barren of sulphide minerals. Largest (5cm) numerous iSer (apple green) parches, also many Ca patches throughout	76.20	77.20	27122	1.00	0.01	1%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
						77.20	78.20	27123	1.00	0.01	3%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.03
						78.20	79.50	27124	1.30	0.01	1%	0.25	0.10	0.00	0.00	0.00	0.00	0.00	0.00
79.50	82.90	T4A		Py QV Zone <5% Q	Buff brown dominantly localized (Ser) deficient grey buff colour. Moderately fractured filled with K +/-Chl. Numerous grey Q/Ca veinlets anywhere from @35-55TCA, localized chaotic patchy anastomosing Ca and apple green Ser +/-Q. Section contains four 1-2cm Q stringers, milky white, bounded by grey-clear Q. Some sulphide mineralization, intense sulphide bounding 5mm veinlet grey Q at 81.5m.	79.50	80.70	27125	1.20	1.62	1%	1.98	0.50	0.00	0.00	0.00	0.35	0.00	0.00
						80.70	81.60	27126	0.90	2.95	1%	3.96	0.99	0.00	0.00	0.00	0.10	0.00	0.00
						81.60	82.90	27127	1.30	1.61	1%	6.93	0.99	0.00	0.00	0.00	0.25	0.00	0.01
82.90	84.55	T2		Altered Basalt	initially buff brown transitionsto pale green colour. mCa speckled 1mm-2mm diameter moderately fractured filled with K +/-Chl +/- Q, some Ca veinlets.	82.90	84.55	27128	1.65	0.01	1%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
84.55	88.20	T1		Basalt	medium green, moderately fractured filled with K +/- Chl. Few Q/Ca veinlets, mm scale, no PDO.	84.55	85.75	27129	1.20	0.01	1%	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00
						85.75	87.17	27131	1.42	0.01	1%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
						87.17	88.20	27132	1.03	0.01	0%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00

Depth From	To (m)	Lith. Code	Struc	Lithology	Description	From (m)	To (m)	Sample #	Width (m)	AU g/t	Q %	Py (%) Cgr	Py (%) Fgr	Cpy (%)	Sph (%)	Tet (%)	Aspy (%)	VG Occ	Alt'n Ser
88.20	95.30	T2		Altered Basalt	Initial 30cm iK(p), variable colouration from buff brown with slight purple hue to pale green-grey, locally Ca speckled less than 1mm in diameter. Weak to moderately fractured filled with K +/-Chl. Few Q/Ca veinlets. Q stringers detailed below: 90.45: 5cm milky white bounded by grey Q, contains few Ca parches @~50TCA. 91.5: 2cm milky white-clear Q, abundant Ca patches, abundant apple green Ser (p) @40TCA. 94.9: 1cm and 3cm milky white Q stringers @~30TCA, bounded by grey Q. Contains few Ca patches, very few mm scale volcanic clasts within Q stringers.	88.20	89.80	27133	1.60	0.01	2%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
						89.80	91.32	27134	1.52	0.03	3%	0.10	0.10	0.10	0.00	0.00	0.00	0.00	0.00
						91.32	92.75	27135	1.43	0.16	2%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.40
						92.75	94.05	27136	1.30	0.01	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						94.05	95.30	27137	1.25	0.22	1%	0.10	0.25	0.00	0.00	0.00	0.25	0.00	0.00
95.30	95.37	T2	FLT	Altered Basalt	Initial 25cm consists of iK gouge with rubble and incompetent core. Later 15cm of core relatively competent except principle fracture parallel TCA. Buff brown grey colouration, modeartely fractured filled with K +/- G and locally intensely fractured. Few Q/Ca veinlets within incompetent core and rubble.	95.30	95.70	27138	0.40	0.16	1%	0.10	0.25	0.00	0.00	0.00	0.00	0.00	0.00
95.37	97.50	T2		Altered Basalt	Buff brown - dark grey, intensely fractured filled with K +/- G, mK(p). Locally near BX fabric due to intense fracture filled with graphitic clay. Very few Ca veinlets, speckled Chl throughout.	95.70	96.70	27139	1.00	0.10	1%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
						96.70	97.50	27141	0.80	0.01	1%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
97.50	97.93	T4		Py QV Zone >5% Q	Buff hrey brown, iK +/- G (iF), mK(p). No Ca veinlets, local near BX fabrix by intense fracture zones. Contains ~3.5cm Q stringer bounded by grey Q. Moderately fratured filled by grey Q, dominantly milky white Q @45TCA.	97.50	97.93	27142	0.43	1.06	8%	0.00	1.84	0.00	0.00	0.00	0.00	0.00	0.00
97.93	101.35	T2		Altered Basalt	Buff brown, moderately fractured filled with K +/-Chl +/- G. Locally intensely fractured. Moderate Ca speckling less than 2mm in diameter. Few Q/Ca	97.93	99.00	27143	1.07	0.01	1%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	2.97
						99.00	100.30	27144	1.30	0.01	1%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	2.97
						100.30	101.35	27145	1.05	0.05	1%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	2.97
101.35	103.50	T4A		Py QV Zone <5% Q	Buff grey with slight brown, locally buff brown (iSer). Moderately fractured filled with K +/- Chl +/- G. Few mm scale Ca veinlets, o PDO. Three Q stringers ranging from 1cm-3cm @~45+/-5TCA. Milky white Q contains abundant Ca parches, lacalized apple green sSer rich patches. Pyritehedrons range in size from mm scale to about 1cm across (width). Q stringer one contains numerous clasts of apple green Ser, Ca volcanics. Q stringers two and three are connected by mm scale fracture fills contains numerous clasts of Ca, apple green Ser and iK volcanics.	101.35	102.41	27146	1.06	0.88	3%	1.94	0.24	0.00	0.00	0.00	0.00	0.00	0.00
						102.41	103.50	27147	1.09	0.48	3%	0.97	0.49	0.00	0.00	0.00	0.00	0.00	0.00

Depth From	To (m)	Lith. Code	Struc	Lithology	Description	From (m)	To (m)	Sample #	Width (m)	AU g/t	Q %	Py (%) Cgr	Py (%) Fgr	Cpy (%)	Sph (%)	Tet (%)	Aspy (%)	VG Occ	Alt'n Ser
103.50	103.77	T2		Altered Basalt	Pale yellowish green, iCa speckled less than 1mm. moderately fractured filled with K +/- Chl +/- G, no PDO. No Ca veinlets, UC @45TCA, LC dissolution indistinct contact.	103.50	103.77	27148	0.27	0.03	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
103.77	104.85	T4A		Py QV Zone <5% Q	Buff brown, locally buff grey. Intensely fractured filled with grey Q +/- C, K +/- G +/- sulphide. Few chaotic anastomosing G +/- K veinlet junctions, few Q/Ca mm scale veinlets. Two milky white Q stringers ~1cm @~60TCA, some sulphide. Fault at 104.26, iK gouge. UC ~perpendicular TCA, LC@50TCA. Fault system bounded by intense sulphide. ***See diagrem in logs.	103.77	104.85	27149	1.08	2.18	1%	6.93	4.95	0.10	0.00	0.00	0.00	0.00	0.00
104.85	109.10	T2		Altered Basalt	Buff brown buff greenish brown, buff hrey with purple hue. Note: this section is found within box 28 which was accidentally spilled. Very blocky, assumed as a result of spill. Moderately fractured filled with K +/- G, contains 1mm - 10mm diameter apple green patches, locally m-iCa speckles 1-2mm. Contains zone of anastamosing grey Q stringers, abundant Ca patches throughout, ~5cm @60TCA, cross cut by milky white S~2cm Q stringers @30TCA.	104.85	106.40	27151	1.55	0.01	1%	0.00	0.10	0.00	0.00	0.00	0.00	0.00	2.97
						106.40	107.90	27152	1.50	0.03	3%	0.00	0.10	0.00	0.00	0.00	0.00	0.00	2.91
						107.90	109.10	27153	1.20	0.01	1%	0.00	0.10	0.00	0.00	0.00	0.00	0.00	2.97
109.10	110.20	T4		Py QV Zone >5% Q	Buff grey with slight brown, locally iSer apple green patches ~5-10mm width. Moderately fractured filled with G +/- Si +/- K +/- fgr Py. No Ca veinlets, one 1cm Q stringer @30TCA, milky white with some Ca patches. Trace sulphide, one 8cm Q stringer @30TCA. Milky white, grey Q in/around fractures, abundant Ca patches, moderately fractured, filled with G +/- clay as well as grey Q	109.10	110.20	27154	1.10	5.99	8%	0.94	1.40	0.10	0.00	0.00	0.23	0.00	0.00
110.20	116.50	T2		Altered Basalt	Buff brown - buff grey, moderately fractured filled with K +/- Chl or unfilled. mK(p), locally Ca speckled 1-2mm diameter. Local Ca whispy veinlets, few Q, Ca, G +/-K veinlets, all @~45TCA. Contains barren Q stringer at 114.9 @~45TCA. Abundnat yellow Ca parches, graphitic whispy veinlets and unfilled fractures and voids. Fault movement of Q stringer ~3cm or open irregular fracture filled by Q stringer. LC @35TCA with iK T2. *** Note diagram drawn in logs.	110.20	111.70	27155	1.50	0.04	1%	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00
						111.70	113.35	27156	1.65	0.01	1%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						113.35	114.85	27157	1.50	0.01	1%	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						114.85	116.50	27158	1.65	0.03	5%	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00
116.50	117.10	T2		Altered Basalt	Buff greenish brown, iK(p), mCa whisps and speckles, no Ca veinlets. UC @35TCA, intensely baked by lamprophyre dyke at LC @~35TCA.	116.50	117.10	27159	0.60	0.01	1%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
117.10	126.30	T11		Lamprophyre	Dark grey to black, porphyritic fabric, phenocrysts include amphibole, pyroxene crystals less than 2mm, kspar crystals 2-20mm average ~4mm, plg crystals 2-	117.10	118.25	27161	1.15	0.03	1%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						118.25	125.40	NS	7.15									0.00	0.00

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					6mm aerage ~4mm. Chaotic anastamsing tiger fabric near contacts as well as transitional phenocryst appearances and sizes. Decrease in kspar phenocrysts toward contacts, contains few Ca veinlets generally @40TCA. mK(p), iK(p). Light grey zones representing possible faults detailed below: 117.7 @15TCA begins at centre of core to one side ~8cm along core length (see diagram). 120.6 @25TCA, ~3cm. 121.6 @~10TCA, ~2cm filled by (P) Ca stringer +/- K throughout. 123.6-123.75 @40TCA 126.0-126.3 Three principle fractures @~10TCA offsetting Ca stringer in three locations by 10-15mm, bounded LC with 5cm iK gouge and iBX.	125.40	126.30	27162	0.90	0.01	1%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
126.30	127.65	T4A	FLT	Py QV Zone <5% Q	T2BX / T4A. Faultzone. ***See diagrams in logs. UC iK gouge @~45TCA, 4cm wide, continues subparallel TCA for 7cm decreasing from 1cm width. in T2BX. Following iK gouge is 33cm iBX zone where anastomosing Ca veinlet system makes up the matrix supporting T2 clasts mm scale to 5cm, BX zone intensely silicified. Following 39cm T@, iCa speckling 1-2mm, moderate fractures with K +/-Chl, few Ca veinlets @50TCA. Fianl 59cm T4A faultzone. Buff grey with purple tinge. Intensely fractured filled with iK chaotic anastamosing 1mm-30mm Ca veinlets/stringers, contains parasitic Q stringer ~1.5cm wide, milky white. Contains iSer apple green patches moderately through volcanics.	126.30	127.65	27163	1.35	0.80	10%	2.71	0.46	0.10	0.10	0.01	0.00	0.00	0.10
127.65	127.95	T2		Altered Basalt	T11 transition. Transitional increase from pale green to medium green with many offset Ca stringers to dark grey-black porphyritic fabric with the same phenocrysts as per 117.1-126.3	127.65	128.65	27164	1.00	0.04	2%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
127.95	131.90	T11	FLT	Lamprophyre	Blocky core with locally principle fracture orientation subparallel TCA. Locally iK, light grey, intensely fractured zones throughout, same rock description as 117.1-126.3	128.65	135.75	NS	7.10									0.00	0.00
131.90	136.75	T11		Lamprophyre	As per 117.1-126.3	135.75	136.75	27165	1.00	0.01	2%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
136.75	137.55	T2		Altered Basalt	Transition from T11, chaotic anastomosing T11 veinlets through standard volcanics. Spotted fabric as well, few random Ca veinlets.	136.75	137.55	27166	0.80	1.35	1%	2.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00
137.55	137.90	T4A	FLT	Py QV Zone <5% Q	iK gouge, T4A rubble and low compency core. UC indistinct, lC near perpendicular TCA. Intensely fractured filled with K +/- G +/- Chl in remaining core, no Ca veinlets.	137.55	137.90	27167	0.35	2.27	1%	0.99	0.99	0.00	0.00	0.00	0.00	0.00	0.00

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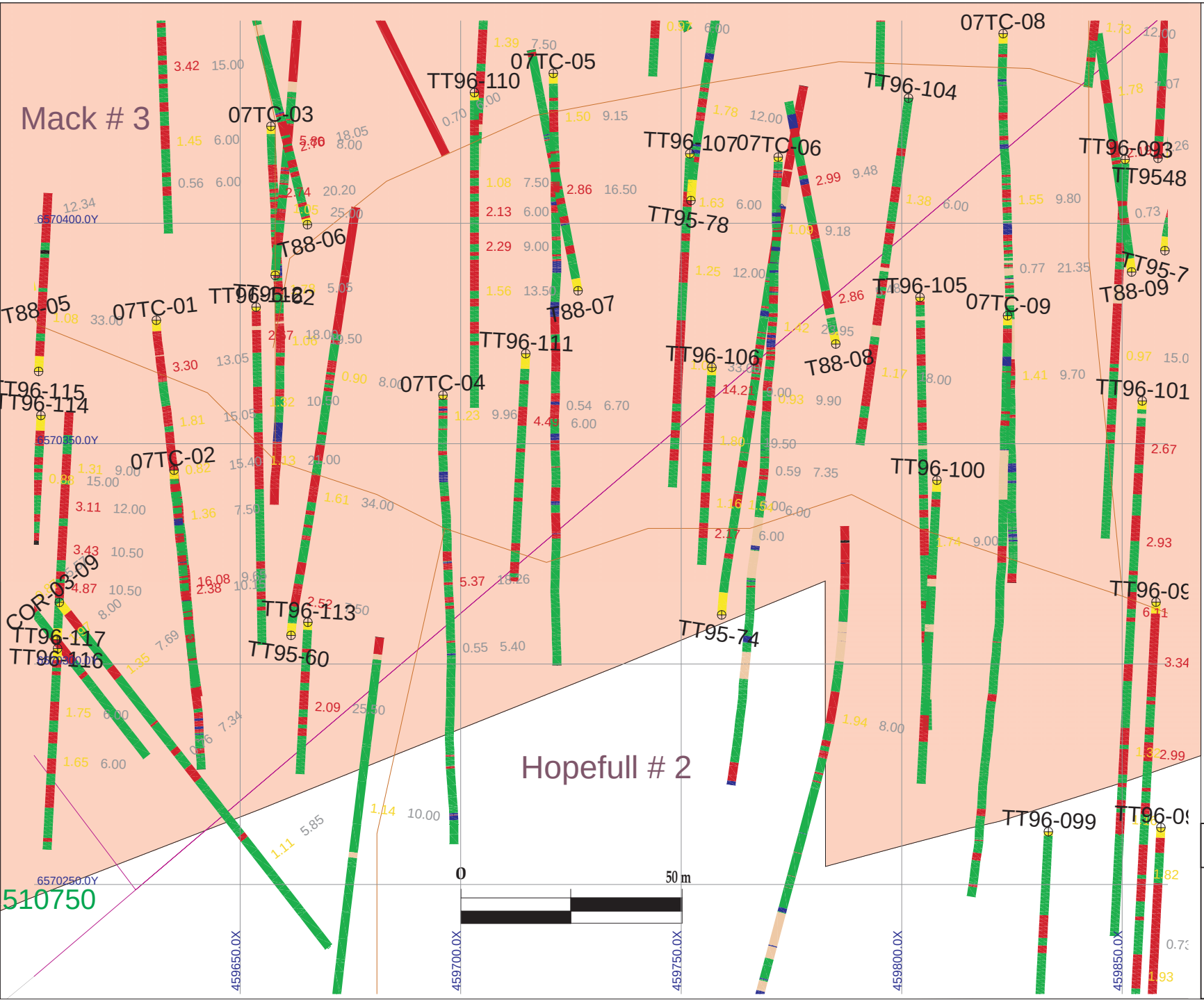
137.90	139.20	T2		Altered Basalt	Contacts interpreted, buff brown locally pale green (lack of Ser). Moderately to intensely fracture filled with K +/- G +/- Chl. Few anastomosing Ca veinlets, no PDO.	137.90	139.20	27168	1.30	0.05	1%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	1.98
139.20	139.73	T4		Py QV Zone >5% Q	Buff brown with purple hue. Intensely ffractured filled with K +/- G. Few Q/Ca veinlets, locally abundant Ca patches. Contains Q stringers ~3.5cm @50TCA, offset by 2cm milky white with clear-grey Q surrounding fracture, some Ca patches throughout.	139.20	139.73	27169	0.53	1.08	100%	1.00	1.00	1.00	1.00	0.00	1.00	0.00	1.00
139.73	143.15	T2		Altered Basalt	Buff brown with purple hue to pale green, colour dependant on level of Ser alteration. Moderately fractured filled with K +/- Chl +/- G. Few Q/Ca veinlets, no PDO except between 139.73-139.9 where gour mm scale grey Q/Ca veinlets cross cut Ca veinlet all @~20TCA, local moderate Ca speckle less than 1mm.	139.73	140.70	27171	0.97	0.01	1%	0.00	0.10	0.00	0.00	0.00	0.00	0.00	2.97
						140.70	141.90	27172	1.20	0.01	1%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
						141.90	143.15	27173	1.25	0.01	0%	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00
143.15	146.80	T1		Basalt	Medium green, weakly fractured filled with K +/- Chl +/- G. Many Q/Ca veinlets, mostly random with few @~40TCA, mgr, no fabric.	143.15	144.75	27174	1.60	0.01	0%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						144.75	145.75	27175	1.00	0.01	0%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						145.75	146.80	27176	1.05	0.01	1%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146.80	147.50	T2		Altered Basalt	T2 transition. Pale green with chaotic fabric of dark highly silicified volcanic stringer with anastomosing Q/Ca veinlets less than 10mm. Surrounding volcanics are pale green iK(p), iK(f), sharp contact at 147.5 with 2mm grey Q/Ca veinlet and iSer T2 downhole of veinlet.	146.80	147.50	27177	0.70	0.01	3%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
147.50	149.20	T2		Altered Basalt	Buff brown, moderately fractured filled with K +/-G, few random Q/Ca veinlets. UC @35TCA.	147.50	149.20	27178	1.70	0.01	1%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
149.20	150.00	T2	QSTRZ	Altered Basalt	Buff brown, intensely fractured filled with K +/- Chl +/- Si +/- G, mK(p) locally iK(p). Few Ca patches, three Q stringers: First anastomosing through volcanic wall rock ~4cm thick @~30TCA, milky white to clear grey Q, some Ca patches. Second milky white, ~1cm @30TCA, contains few T2 volcanic clasts, some sulphide, some Ca patches. Third anastamosing through T2, many T2 clasts supported in stringer, milky white to clear Q, abundant Ca patches, subparallel TCA, 2cm wide.	149.20	150.00	27179	0.80	0.20	20%	0.00	0.08	0.75	0.00	0.12	0.02	0.00	0.22
150.00	155.30	T2		Altered Basalt	Buff brown, moderately fractured filled with K +/- Chl +/- G, locally iCa speckles 1-2mm and Ca whisps. Some Q/Ca veinlets and stringers, milky white-clear grey Q. At 153.55 is a 4cm Q stringer @~45TCA, multiple offsets by about 1-2cm, abundant Ca patches, few apple green Ser patches.	150.00	151.45	27181	1.45	0.01	2%	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00
						151.45	152.85	27182	1.40	0.01	1%	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00
						152.85	154.25	27183	1.40	0.01	5%	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00
						154.25	155.30	27184	1.05	0.09	3%	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00
155.30	157.45	T2	FLT	Altered Basalt	Buff greenish brown, recently fractured into very	155.30	156.20	27185	0.90	0.01	1%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Depth From	To (m)	Lith. Code	Struc	Lithology	Description	From (m)	To (m)	Sample #	Width (m)	AU g/t	Q %	Py (%) Cgr	Py (%) Fgr	Cpy (%)	Sph (%)	Tet (%)	Aspy (%)	VG Occ	Alt'n Ser
					blocky core. Abundant Ca speckles 1-2mm. Few grey Q/Ca veinlets, last meter principle fracture subparallel TCA. Few barren, milky white - clear grey Q veinlets anastamosig through T2 altered volcanic wall rock.	156.20	157.45	27186	1.25	0.01	1%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157.45	160.45	T2		Altered Basalt	T11 transitional zone. Intensely baked rock, chaotic fabric of anastomosing Q/Ca veinlets and stringers.	157.45	158.95	27187	1.50	0.13	5%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						158.95	160.45	27188	1.50	0.01	2%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.45	169.05	T11		Lamprophyre	As per 117.1-126.3. Contains granitic xenoliths.	160.45	161.45	27189	1.00	0.01	0%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						161.45	168.10	NS	6.65									0.00	0.00
						168.10	169.05	27191	0.95	0.01	1%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
169.05	170.20	T2		Altered Basalt	T11 transitional zone. As per above.	169.05	170.20	27192	1.15	0.01	8%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.20	172.10	T2		Altered Basalt	Buff brown-greyish green. Moderately fractured filled with K +/- Chl +/- Ca. Few Q/Ca veinlets subparallel	170.20	171.10	27193	0.90	0.01	2%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						171.10	172.10	27194	1.00	0.01	10%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172.10	201.80	T1		Basalt	Medium green, local 10cm, intermittent zones of pale green fgr halos, possibly outer edge of pillow basalts rapidly cooling. Entire zone contains whispy Chl rich patches and veinlets, locally abundant Q/Ca veinlets @30TCA or no PDO, 1-10mm. Further downhole experiences Q stringers and chaotic Q veinlet systems. All are milky white, abundant Ca patches, some contain T1 volcanic clasts, most are @35+/-5TCA, all barren but still sampled through for verification as can be seen mineralization and sampling on p.52. Localized flow breccia within section, jasperoid appears at 195.8. T1F? ***See diagram in logs.	172.10	173.70	27195	1.60	0.01	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						173.70	175.25	27196	1.55	0.01	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						175.25	176.75	27197	1.50	0.01	1%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						176.75	177.50	27198	0.75	0.01	5%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						177.50	185.25	NS	7.75										0.00
						185.25	186.30	27199	1.05	0.06	3%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						186.30	188.00	36501	1.70	0.01	2%	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
						188.00	189.55	36502	1.55	0.01	10%	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00
						189.55	191.10	36503	1.55	0.01	8%	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00
						191.10	192.70	36504	1.60	0.01	3%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						192.70	193.95	36505	1.25	0.01	2%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						193.95	195.10	36506	1.15	0.01	2%	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						195.10	196.60	36507	1.50	0.01	2%	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						196.60	198.00	36508	1.40	0.01	1%	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						198.00	199.25	36509	1.25	0.01	2%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
201.80	203.00	T1	FLT	Basalt	Intemittent iK gouge with rubble and incompletent core. UC @40TCA.														
EOH																			

APPENDIX D

DIAMOND DRILL SECTIONS & PLANS

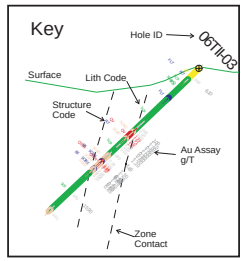


2007 Taurus Deposit Drilling Plan Legend

- Taurus Deposit
- Access Roads
- Claim Boundary

Mack # 3 American Bonanza Claim

510750 Cusac Claim



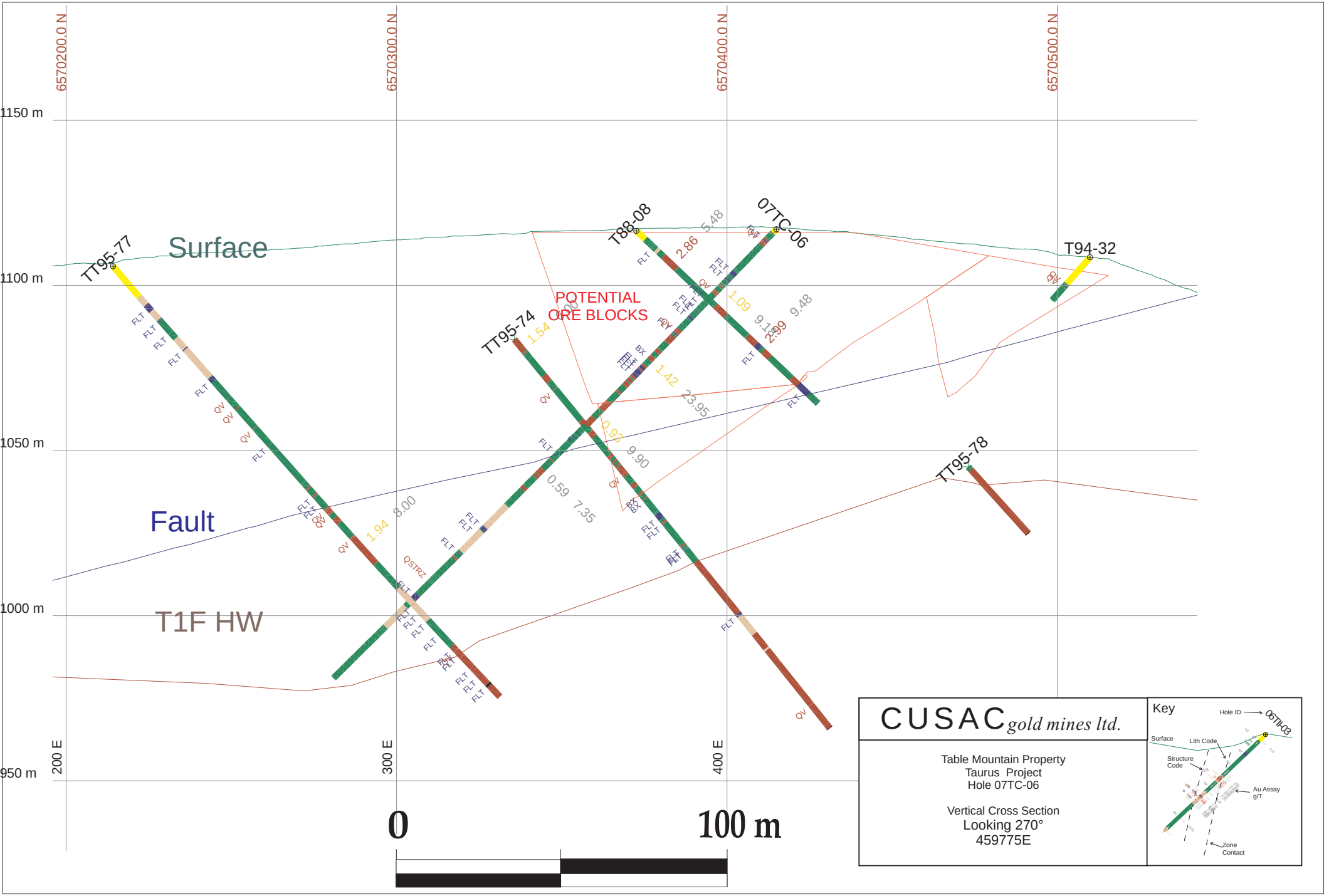
CUSAC gold mines ltd.

2007 Taurus Project

Plan View
(including)
07TC-01 - 07TC-06

Lesley Hunt

November, 2007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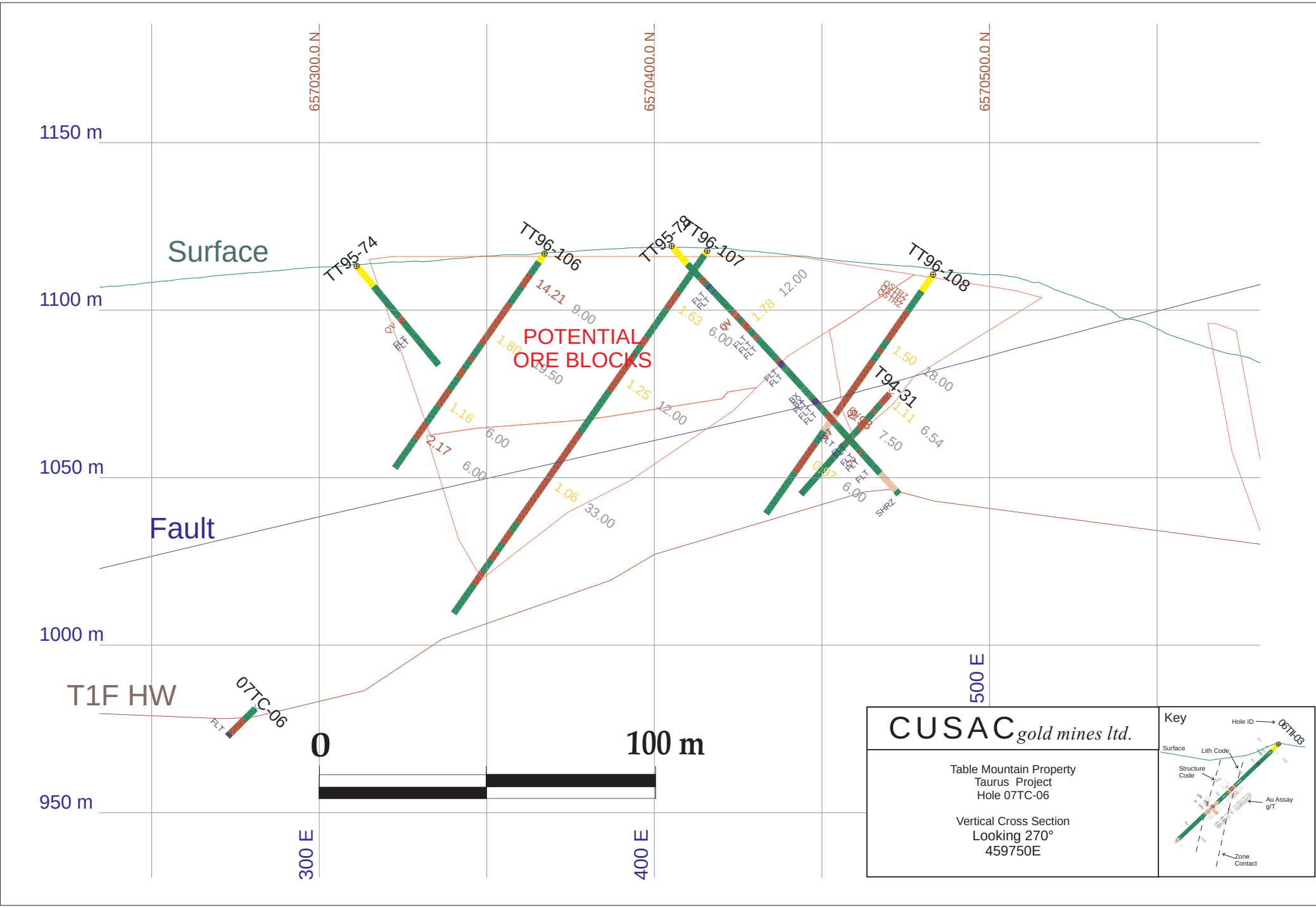
1000 m
950 m
200 E
300 E
400 E
Surface
Fault
T1F HW
POTENTIAL ORE BLOCKS
TT95-77
T88-08
07TC-06
T94-32
TT95-74
TT95-78
0
100 m
CUSAC gold mines ltd.
Table Mountain Property
Taurus Project
Hole 07TC-06
Vertical Cross Section
Looking 270°
459775E
Key
Hole ID
07TM08
Surface
Lith Code
Structure Code
Au Assay g/T
Zone Contact

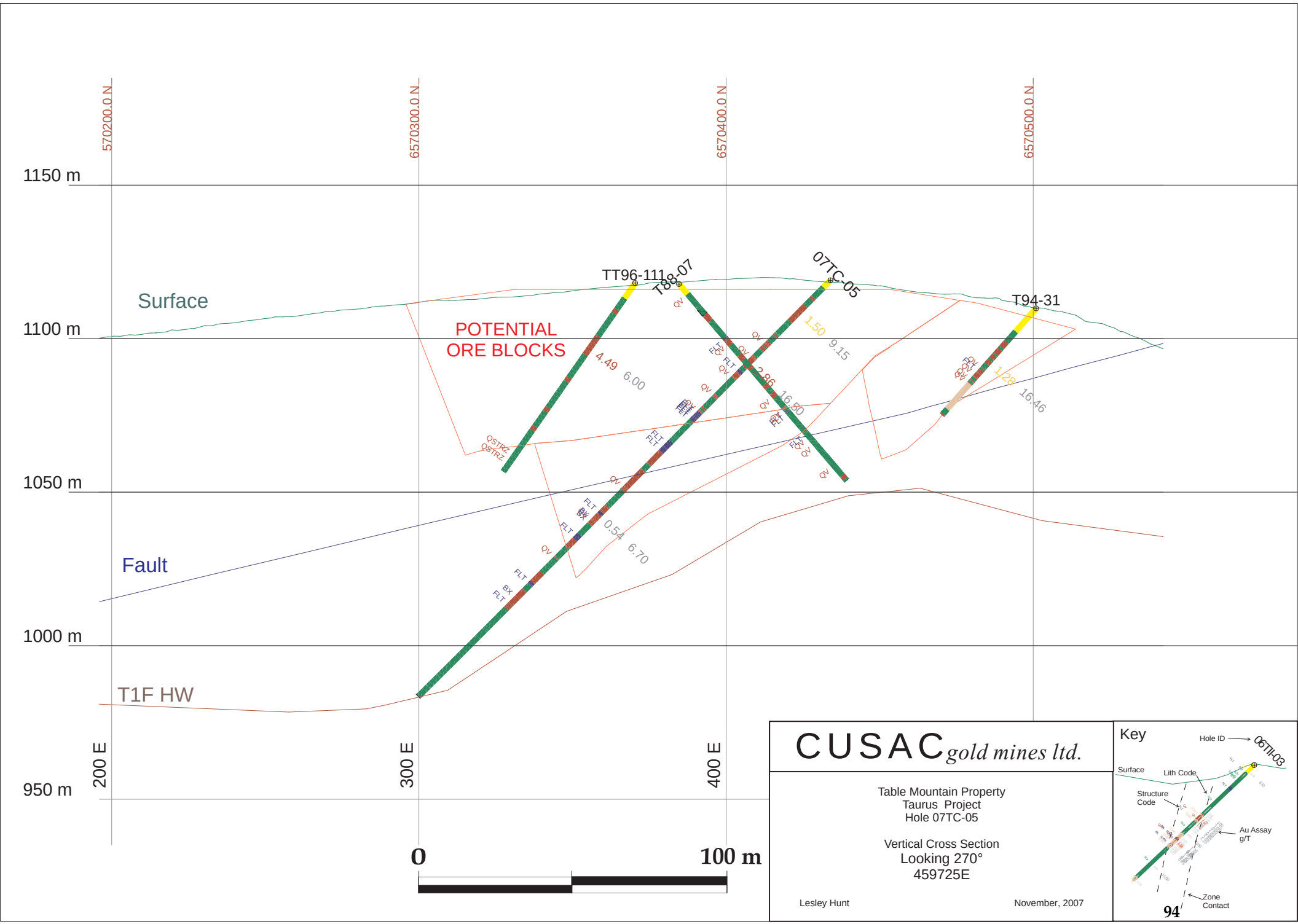


CUSAC *gold mines ltd.*

Table Mountain Property
Taurus Project
Hole 07TC-06

Vertical Cross Section
Looking 270°
459750E

Key



CUSAC *gold mines ltd.*

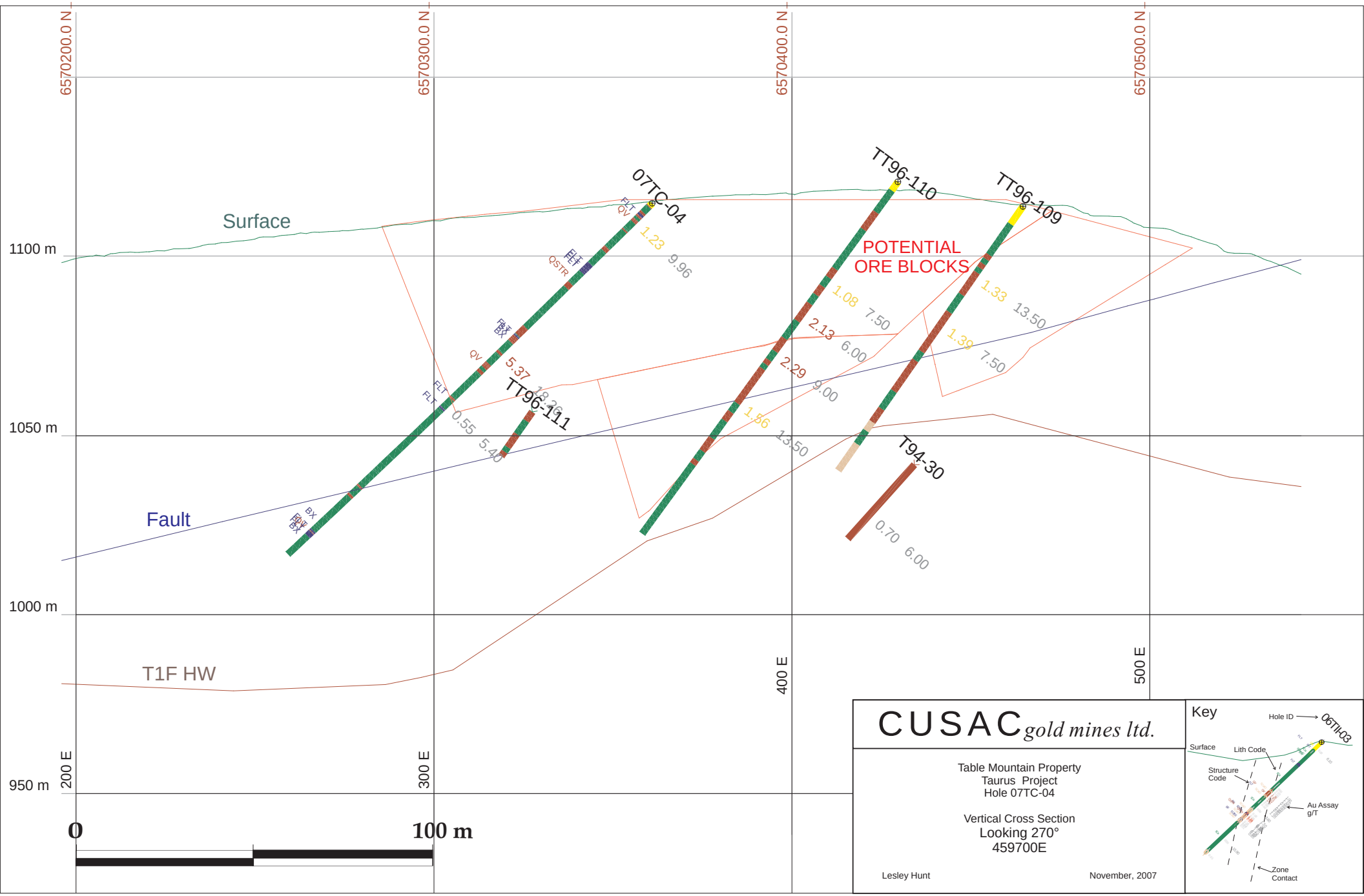
Table Mountain Property
Taurus Project
Hole 07TC-05

Vertical Cross Section
Looking 270°
459725E

Lesley Hunt

November, 2007

Key



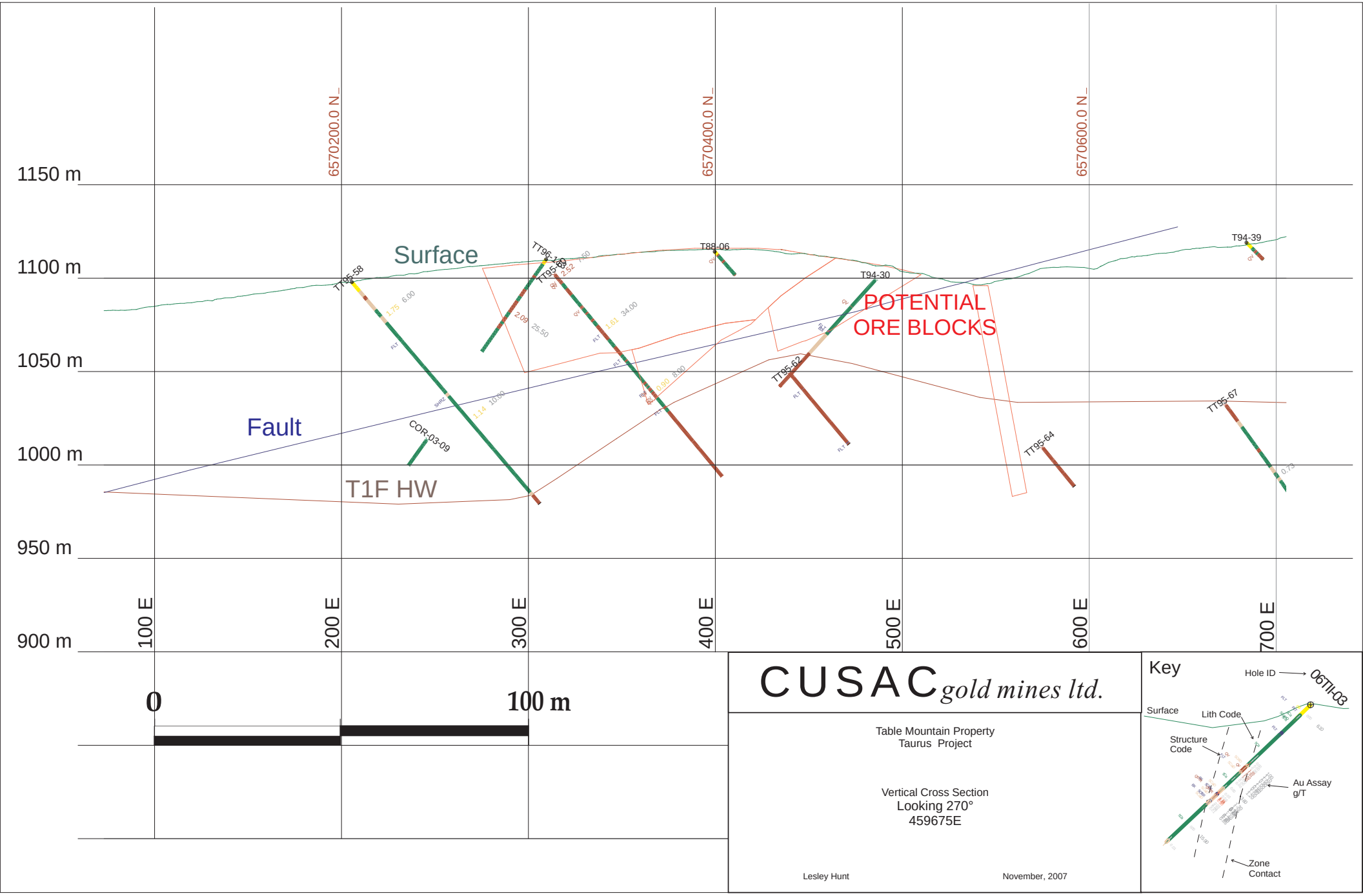
CUSAC *gold mines ltd.*

Table Mountain Property
Taurus Project
Hole 07TC-04

Vertical Cross Section
Looking 270°
459700E

Lesley Hunt November, 2007

Key



CUSAC *gold mines ltd.*

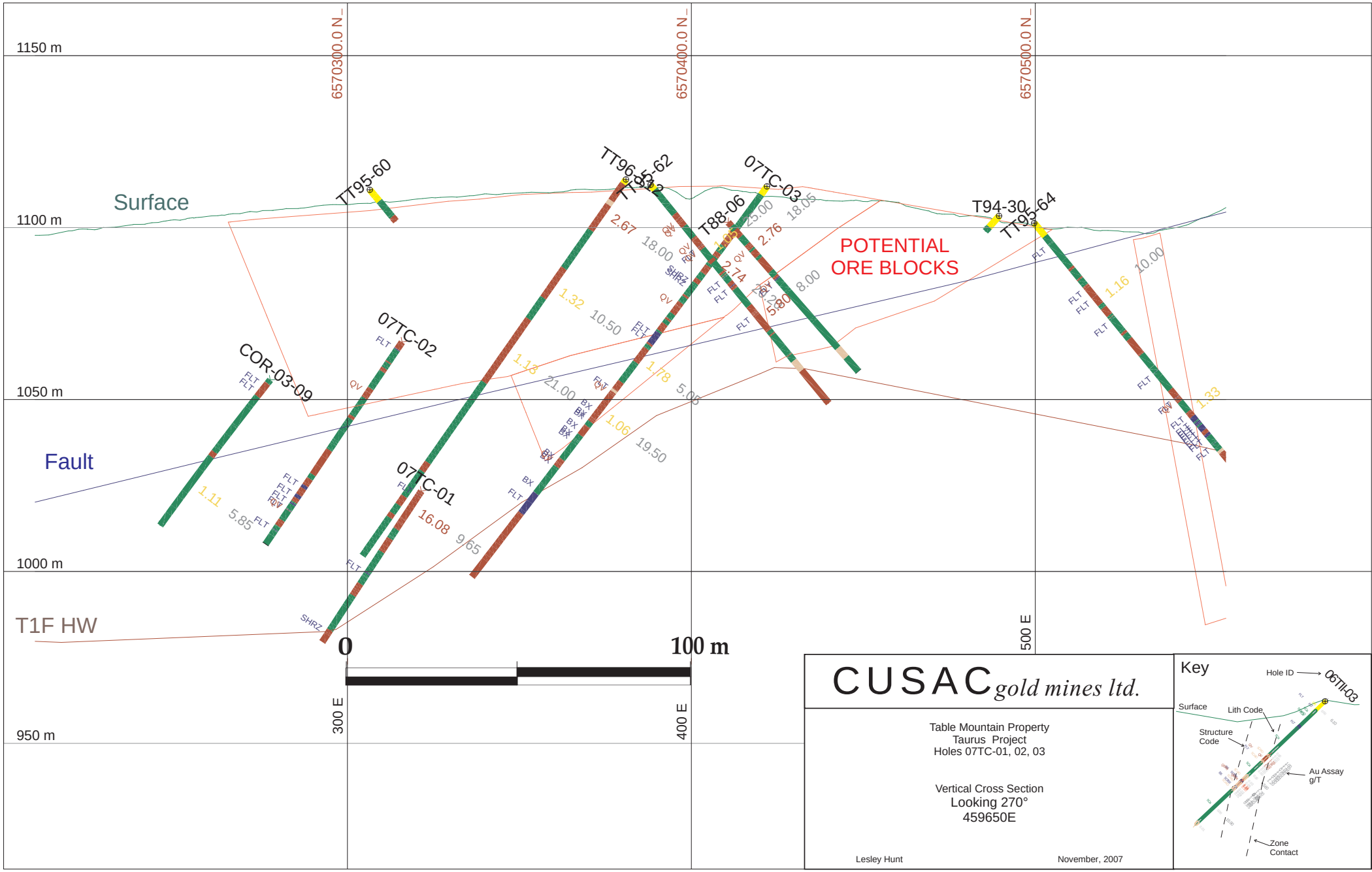
Table Mountain Property
Taurus Project

Vertical Cross Section
Looking 270°
459675E

Lesley Hunt

November, 2007

Key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1100 m
1050 m
1000 m
950 m
900 m
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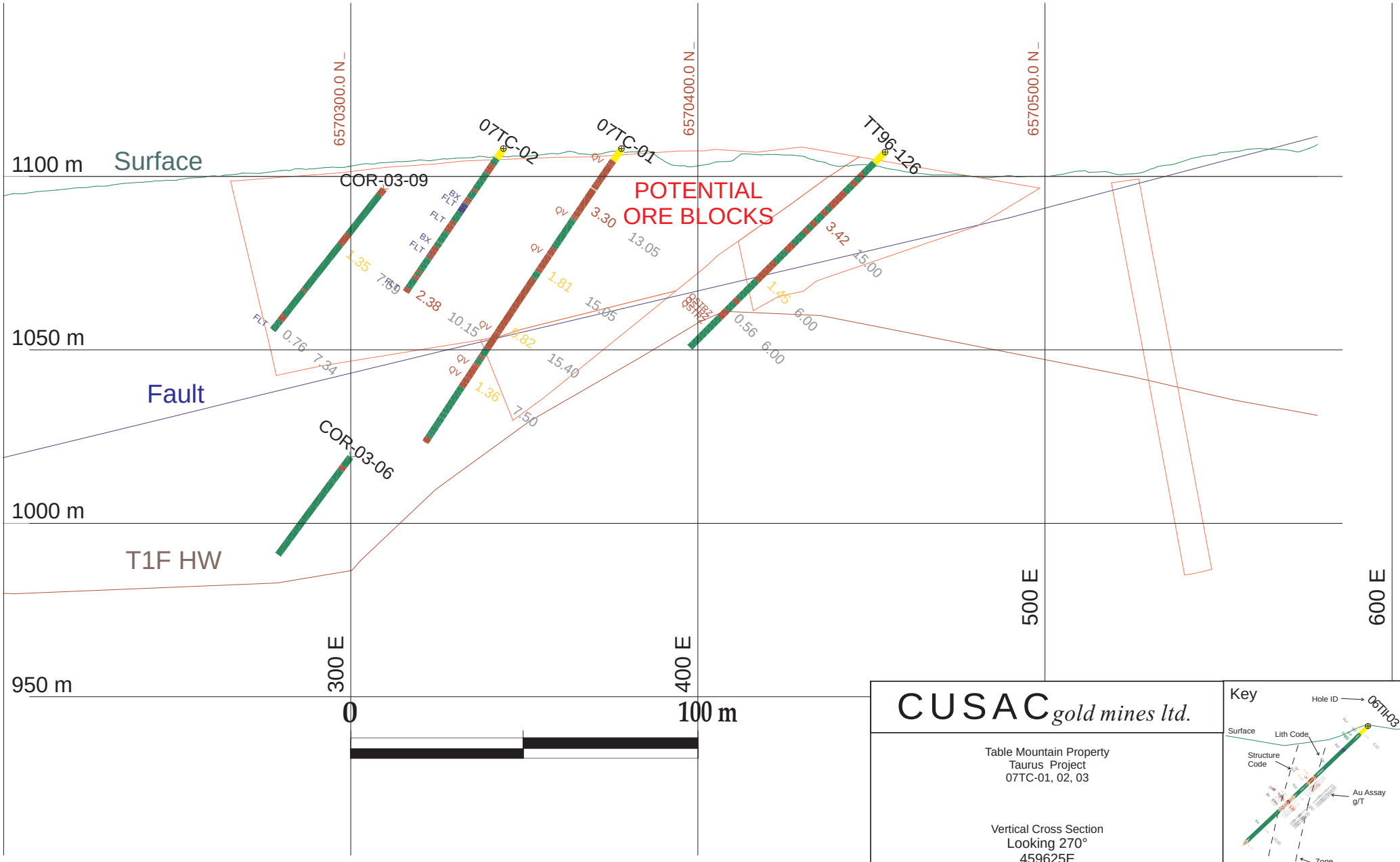
6570500.0 N
300 E
400 E
500 E
Surface
Fault
T1F HW
TT95-60
TT96-55-62
07TC-03
T88-06
T94-30-64
TT95-64
07TC-02
COR-03-09
07TC-01
POTENTIAL
ORE BLOCKS
0
100 m
CUSAC gold mines ltd.
Table Mountain Property
Taurus Project
Holes 07TC-01, 02, 03
Vertical Cross Section
Looking 270°
459650E
Lesley Hunt
November, 2007
Key
Hole ID
07TI-03
Surface
Lith Code
Structure Code
Au Assay g/T
Zone Contact



CUSAC *gold mines ltd.*

Table Mountain Property
Taurus Project
07TC-01, 02, 03

Vertical Cross Section
Looking 270°
459625E

Key

APPENDIX E

ASSAY & ANALYSIS PROCEDURES

ASSAY & ANALYSIS PROCEDURES

GOLD ASSAY

Samples are sorted and dried (if necessary). The samples are crushed through a jaw crusher and cone or rolls crusher to –10 mesh. The sample is split through a Jones riffle until a –250 gram sub sample is achieved. The sub-sample is pulverized in a ring & puck pulverizer to 95% - 140 mesh. The sample is rolled to homogenize.

A 30 g sample size is fire assayed using appropriate fluxes. The resultant dore bead is parted and then digested with aqua regia and then analyzed on a Perkin Elmer AA instrument.

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

METALLIC GOLD ASSAY

Samples are catalogued and dried. Rock samples are two stage crushed to minus 10 mesh, then split to achieve a 250 gram (approximate) sub-sample. The sample is pulverized to 95% -140 mesh. The sample is weighed, then rolled and homogenized and screened at 140 mesh.

The –140 mesh fraction is homogenized and 2 samples are fire assayed for Au. The +140 mesh material is assayed entirely. The resultant fire assay bead is digested with acid and after parting is analyzed on a Perkin Elmer atomic absorption machine using air-acetylene flame to .03 grams/t detection limit.

The entire set of samples is redone if the quality control standard is outside 2 standard deviations or if the blank is greater than 0.015 g/t.

The values are calculated back to the original sample weight providing a net gold value as well as 2-140 values and a single +140 mesh value.

Results of all assays 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 emailed or faxed and mailed to the client.

MULTI ELEMENT ICP ANALYSIS

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. Table 5 below, summarizes the detection limit for the ICP elements analysis.

	Detection Limit			Detection Limit	
	Low	Upper		Low	Upper
Ag	0.2 ppm	30.0 ppm	Fe	0.01%	10.00%
Al	0.01%	10.0%	La	10 ppm	10,000 ppm
As	5 ppm	10,000 ppm	Mg	0.01%	10.00%
Ba	5 ppm	10,000 ppm	Mn	1 ppm	10,000 ppm
Bi	5 ppm	10,000 ppm	Mo	1 ppm	10,000 ppm
Ca	0.01%	10,00%	Na	0.01%	10.00%
Cd	1 ppm	10,000 ppm	Ni	1 ppm	10,000 ppm
Co	1 ppm	10,000 ppm	P	10 ppm	10,000 ppm
Cr	1 ppm	10,000 ppm	Pb	2 ppm	10,000 ppm
Cu	1 ppm	10,000 ppm	Sb	5 ppm	10,000 ppm
Sn	20 ppm	10,000 ppm	Sr	1 ppm	10,000 ppm
Ti	0.01%	10.00%	U	10 ppm	10,000 ppm
V	1 ppm	10,000 ppm	Y	1 ppm	10,000 ppm
Zn	1 ppm	10,000 ppm			

APPENDIX F

ORIGINAL ASSAY & ANALYSIS CERTIFICATES

AUG 2 0 2007

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 2007-7092

Cusac Gold Mines Ltd.
Ste. 1600-409 Granville St.
Vancouver, BC
V6C 1T2

10-Jul-07

Attention: Lesley Hunt

No. of samples received: 141
Sample Type: Core
Project: Taurus
Shipment #:07-004
Submitted by: Lesley Hunt/Mike Glover

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)
1	31151	0.48	0.014		
2	31152	0.50	0.015		
3	31153	1.90	0.055		
4	31154	0.27	0.008		
5	31155	<0.03	<0.001		
6	31156	0.22	0.006		
7	31157	<0.03	<0.001		
8	31158	0.85	0.025		
9	31159	7.00	0.204		
10	31160	5.10	0.149		
11	31161	2.40	0.070		
12	31162	0.91	0.027		
13	31163	1.05	0.031		
14	31164	7.9	0.230		
15	31165	3.10	0.090		
16	31166	0.68	0.020		
17	31167	0.03	0.001		
18	31168	0.69	0.020		
19	31169	4.30	0.125		
20	31170	0.29	0.008		
21	31171	1.93	0.056		
22	31172	<0.03	<0.001		
23	31173	<0.03	<0.001		
24	31174	<0.03	<0.001		
25	31175	<0.03	<0.001		

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

AUG 2 0 2007

Cusac Gold Mines Ltd. AW7-7092 10-Jul-07

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)
26	31176	<0.03	<0.001		
27	31177	<0.03	<0.001		
28	31178	0.78	0.023		
29	31179	1.79	0.052		
30	31180	2.01	0.059		
31	31181	4.50	0.131		
32	31182	14.9	0.435		
33	31183	3.90	0.114		
34	31184	<0.03	<0.001		
35	31185	<0.03	<0.001		
36	31186	<0.03	<0.001		
37	31187	1.07	0.031		
38	31188	<0.03	<0.001		
39	31189	<0.03	<0.001		
40	31190	1.04	0.030		
41	31191	<0.03	<0.001		
42	31192	1.76	0.051		
43	31193	3.10	0.090		
44	31194	0.60	0.017		
45	31195	0.65	0.019		
46	31196	0.22	0.006		
47	31197	2.30	0.067		
48	31198	1.41	0.041		
49	31199	0.95	0.028		
50	31200	1.00	0.029		
51	31201	0.35	0.010		
52	31202	0.89	0.026		
53	31203	0.53	0.015		
54	31204	0.94	0.027		
55	31205	1.05	0.031		
56	31206	<0.03	<0.001		
57	31207	0.10	0.003		
58	31208	<0.03	<0.001		
59	31209	1.12	0.033		
60	31210	4.99	0.146		
61	31211	0.26	0.008		
62	31212	<0.03	<0.001		
63	31213	<0.03	<0.001		
64	31214	<0.03	<0.001		
65	31215	<0.03	<0.001		
66	31216	<0.03	<0.001		
67	31217	0.09	0.003		
68	31218	0.98	0.029	38.0	1.108
69	31219	1.73	0.050		
70	31220	1.98	0.058		
71	31221	0.76	0.022		
72	31222	1.03	0.030		
73	31223	0.11	0.003		

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

Cusac Gold Mines Ltd. AW7-7092 10-Jul-07

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)
74	31224	1.64	0.048		
75	31225	1.85	0.054		
76	31226	<0.03	<0.001		
77	31227	<0.03	<0.001		
78	31228	<0.03	<0.001		
79	31229	<0.03	<0.001		
80	31230	0.96	0.028		
81	31231	<0.03	<0.001		
82	31232	<0.03	<0.001		
83	31233	<0.03	<0.001		
84	31234	0.19	0.006		
85	31235	<0.03	<0.001		
86	31236	<0.03	<0.001		
87	31237	<0.03	<0.001		
88	31238	<0.03	<0.001		
89	31239	<0.03	<0.001		
90	31240	5.00	0.146		
91	31241	<0.03	<0.001		
92	31242	0.63	0.018		
93	31243	1.00	0.029		
94	31244	3.60	0.105		
95	31245	1.13	0.033		
96	31246	123	3.587		
97	31247	0.17	0.005		
98	31248	0.09	0.003		
99	31249	0.93	0.027		
100	31250	4.89	0.143		
101	31251	<0.03	<0.001		
102	31252	<0.03	<0.001		
103	31253	0.17	0.005		
104	31254	<0.03	<0.001		
105	31255	<0.03	<0.001		
106	31256	0.09	0.003		
107	31257	1.16	0.034		
108	31258	<0.03	<0.001		
109	31259	<0.03	<0.001		
110	31260	5.01	0.146		
111	31261	0.03	0.001		
112	31262	<0.03	<0.001		
113	31263	<0.03	<0.001		
114	31264	<0.03	<0.001		
115	31265	<0.03	<0.001		
116	31266	<0.03	<0.001		
117	31267	0.60	0.017		
118	31268	<0.03	<0.001		
119	31269	0.19	0.006		
120	31270	1.02	0.030		
121	31271	<0.03	<0.001		

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

Cusac Gold Mines Ltd. AW7-7092 10-Jul-07

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)
122	31272	<0.03	<0.001		
123	31273	<0.03	<0.001		
124	31274	<0.03	<0.001		
125	31275	<0.03	<0.001		
126	31276	<0.03	<0.001		
127	31277	<0.03	<0.001		
128	31401	<0.03	<0.001		
129	31402	<0.03	<0.001		
130	31403	0.90	0.026		
131	31404	0.05	0.001		
132	31405	2.30	0.067		
133	31406	<0.03	<0.001		
134	31407	<0.03	<0.001		
135	31408	<0.03	<0.001		
136	31409	<0.03	<0.001		
137	31410	4.96	0.145		
138	31411	7.40	0.216		
139	31412	0.03	0.001		
140	31413	0.05	0.001		
141	31414	3.80	0.111		

QC DATA:

Repeat:

1	31151	0.56	0.016		
36	31186	<0.03	<0.001		
45	31195	0.79	0.023		
52	31202	1.08	0.031		
54	31204	1.02	0.030		
71	31221	0.84	0.024		
74	31224	1.83	0.053		
81	31231	<0.03	<0.001		
89	31239	<0.03	<0.001		
106	31256	0.03	0.001		

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Jutta Jealouse
B.C. Certified Assayer

AUG 2 0 2007

Cusac Gold Mines Ltd. AW7-7092 10-Jul-07

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)
115	31265	0.06	0.002		
124	31274	<0.03	<0.001		
Resplit:					
1	31151	0.60	0.017		
36	31186	<0.03	<0.001		
71	31221	0.84	0.024		
106	31256	0.08	0.002		
Standard:					
OXK48		3.60	0.105		
OXK48		3.56	0.104		
OXK48		3.59	0.105		
SI25		1.81	0.053		
SI25		1.83	0.053		
SI25		1.81	0.053		

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

JJ/sa/jl
XLS/07

Eco Tech Laboratory Ltd.

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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 2007- 7092 - Revised

Cusac Gold Mines Ltd.
Ste. 1600-409 Granville St.
Vancouver, BC
V6C 1T2

20-Aug-07

Attention: Lesley Hunt

No. of samples received: 141
Sample Type: Core
Project: Taurus
Shipment #:07-004
Submitted by: Lesley Hunt/Mike Glover

		Metallic Assay	
		Au	**Au**
ET #.	**Tag #**	**(g/t)**	**(oz/t)**
9	31159	9.22	0.269
11	31161	3.39	0.099
13	31163	1.31	0.038
14	31164	32.8	0.957
15	31165	4.31	0.126
16	31166	1.02	0.030
19	31169	5.73	0.167
31	31181	4.75	0.139
32	31182	17.5	0.510
33	31183	3.87	0.113
43	31193	4.15	0.121
47	31197	2.70	0.079
94	31244	3.65	0.106
96	31246	145	4.229
132	31405	4.42	0.129
138	31411	9.70	0.283
141	31414	4.49	0.13

QC DATA:

Standard:

SI25	1.82	0.053

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Jutta Jealouse
B.C. Certified Assayer

JJ/jl
XLS/06

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Phone (250) 573-5700 Fax (250) 573-4557
E-mail: info@ecotechlab.com
www.ecotechlab.com

CERTIFICATE OF ASSAY AK 2007-7102

Cusac Gold Mines Ltd.
Ste. 1600-409 Granville St.
Vancouver, BC
V6C 1T2

17-Jul-07

Attention: Lesley Hunt

No. of samples received: 166
Sample Type: Core
Project: Taurus
Shipment #: 07-005
Submitted by: Lesley Hunt/Mike Glover

ET #.	Tag #	Au (g/t)	Au (oz/t)
1	G31415	11.6	0.338
2	G31416	1.18	0.034
3	G31417	<0.03	<0.001
4	G31418	<0.03	<0.001
5	G31419	<0.03	<0.001
6	G31420	5.10	0.149
7	G31421	0.19	0.006
8	G31422	<0.03	<0.001
9	G31423	0.87	0.025
10	G31424	2.06	0.060
11	G31425	0.20	0.006
12	G31426	0.03	0.001
13	G31427	0.03	0.001
14	G31428	0.04	0.001
15	G31429	0.91	0.027
16	G31430	5.40	0.157
17	G31431	0.10	0.003
18	G31432	0.48	0.014
19	G31433	0.61	0.018
20	G31434	0.42	0.012
21	G31435	0.03	0.001
22	G31436	<0.03	<0.001
23	G31437	0.09	0.003
24	G31438	1.78	0.052

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Cusac Gold Mines Ltd.-7102 17-Jul-07

ET #.	Tag #	Au (g/t)	Au (oz/t)
25	G31439	0.05	0.001
26	G31440	0.30	0.009
27	G31441	6.70	0.195
28	G31442	0.23	0.007
29	G31443	0.04	0.001
30	G31444	0.15	0.004
31	G31445	4.20	0.122
32	G31446	2.05	0.060
33	G31447	0.97	0.028
34	G31448	0.05	0.001
35	G31449	0.06	0.002
36	G31450	0.98	0.029
37	G32001	<0.03	<0.001
38	G32002	0.37	0.011
39	G32003	<0.03	<0.001
40	G32004	<0.03	<0.001
41	G32005	<0.03	<0.001
42	G32006	<0.03	<0.001
43	G32007	<0.03	<0.001
44	G32008	<0.03	<0.001
45	G32009	0.05	0.001
46	G32010	5.10	0.149
47	G32011	10.1	0.295
48	G32012	0.15	0.004
49	G32013	1.59	0.046
50	G32014	<0.03	<0.001
51	G32015	<0.03	<0.001
52	G32016	<0.03	<0.001
53	G32017	<0.03	<0.001
54	G32018	0.91	0.027
55	G32019	<0.03	<0.001
56	G32020	0.32	0.009
57	G32021	<0.03	<0.001
58	G32022	<0.03	<0.001
59	G32023	<0.03	<0.001
60	G32024	<0.03	<0.001
61	G32025	<0.03	<0.001
62	G32026	<0.03	<0.001
63	G32027	<0.03	<0.001
64	G32028	0.38	0.011
65	G32029	0.05	0.001

Lydia Bruce/pcr

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Jutta Jealouse
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Cusac Gold Mines Ltd.-7102 17-Jul-07

ET #.	Tag #	Au (g/t)	Au (oz/t)
66	G32030	0.96	0.028
67	G32031	0.23	0.007
68	G32032	0.17	0.005
69	G32033	0.56	0.016
70	G32034	0.70	0.020
71	G32035	<0.03	<0.001
72	G32036	0.05	0.001
73	G32037	0.77	0.022
74	G32038	0.28	0.008
75	G32039	<0.03	<0.001
76	G32040	5.10	0.149
77	G32041	<0.03	<0.001
78	G32042	<0.03	<0.001
79	G32043	<0.03	<0.001
80	G32044	<0.03	<0.001
81	G32045	<0.03	<0.001
82	G32046	<0.03	<0.001
83	G32047	<0.03	<0.001
84	G32048	0.12	0.003
85	G32049	<0.03	<0.001
86	G32050	0.30	0.009
87	G31351	<0.03	<0.001
88	G31352	<0.03	<0.001
89	G31353	<0.03	<0.001
90	G31354	<0.03	<0.001
91	G31278	0.03	0.001
92	G31279	<0.03	<0.001
93	G31280	1.03	0.030
94	G31281	<0.03	<0.001
95	G31282	<0.03	<0.001
96	G31283	<0.03	<0.001
97	G31284	<0.03	<0.001
98	G31285	<0.03	<0.001
99	G31286	<0.03	<0.001
100	G31287	<0.03	<0.001
101	G31288	1.52	0.044
102	G31289	4.20	0.122
103	G31290	0.31	0.009
104	G31291	4.90	0.143
105	G31292	0.04	0.001
106	G31293	2.80	0.082

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Cusac Gold Mines Ltd.-7102 17-Jul-07

ET #.	Tag #	Au (g/t)	Au (oz/t)
107	G31294	<0.03	<0.001
108	G31295	<0.03	<0.001
109	G31296	1.43	0.042
110	G31297	<0.03	<0.001
111	G31298	0.49	0.014
112	G31299	<0.03	<0.001
113	G31300	5.20	0.152
114	G31301	9.40	0.274
115	G31302	0.10	0.003
116	G31303	<0.03	<0.001
117	G31304	0.29	0.008
118	G31305	1.90	0.055
119	G31306	1.68	0.049
120	G31307	21.8	0.636
121	G31308	0.06	0.002
122	G31309	0.03	0.001
123	G31310	0.30	0.009
124	G31311	<0.03	<0.001
125	G31312	0.04	0.001
126	G31313	5.40	0.157
127	G31314	0.18	0.005
128	G31315	0.34	0.010
129	G31316	1.55	0.045
130	G31317	2.04	0.059
131	G31318	0.56	0.016
132	G31319	0.10	0.003
133	G31320	5.10	0.149
134	G31321	<0.03	<0.001
135	G31322	<0.03	<0.001
136	G31323	<0.03	<0.001
137	G31324	<0.03	<0.001
138	G31325	0.34	0.010
139	G31326	0.99	0.029
140	G31327	0.03	0.001
141	G31328	<0.03	<0.001
142	G31329	<0.03	<0.001
143	G31330	0.97	0.028
144	G31331	0.21	0.006
145	G31332	0.32	0.009
146	G31333	0.12	0.003
147	G31334	1.16	0.034

Lydia Braca /pm

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Cusac Gold Mines Ltd.-7102 17-Jul-07

ET #.	Tag #	Au (g/t)	Au (oz/t)
148	G31335	1.20	0.035
149	G31336	1.72	0.050
150	G31337	2.62	0.076
151	G31338	0.04	0.001
152	G31339	<0.03	<0.001
153	G31340	0.31	0.009
154	G31341	0.03	0.001
155	G31342	<0.03	<0.001
156	G31343	<0.03	<0.001
157	G31344	1.30	0.038
158	G31345	0.69	0.020
159	G31346	0.29	0.008
160	G31347	0.37	0.011
161	G31348	2.67	0.078
162	G31349	1.02	0.030
163	G31350	0.30	0.009
164	G32101	0.08	0.002
165	G32102	1.83	0.053
166	G32103	0.17	0.005

QC DATA:

Repeat:

2	G31416	1.06	0.031
19	G31433	0.60	0.017
37	G32001	<0.03	<0.001
45	G32009	0.10	0.003
49	G32013	1.66	0.048
80	G32044	<0.03	<0.001
89	G31353	<0.03	<0.001
115	G31302	0.09	0.003
119	G31306	1.76	0.051
124	G31311	<0.03	<0.001
129	G31316	1.89	0.055
139	G31326	1.18	0.034
141	G31328	<0.03	<0.001
147	G31334	1.22	0.036
148	G31335	1.11	0.032
149	G31336	1.95	0.057
157	G31344	1.59	0.046
159	G31346	0.27	0.008
162	G31349	0.81	0.024
165	G32102	1.64	0.048

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Cusac Gold Mines Ltd. AW7 - 7102

ET #.	Tag #	Au (g/t)	Au (oz/t)
QC DATA:			
Standard:			
	SI25	1.80	0.052
	SI25	1.77	0.052
	SI25	1.79	0.052
	SI25	1.81	0.053
	SI25	1.79	0.052
	SI25	1.79	0.052
	SJ32	2.66	0.078

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www.ecotechlab.com

CERTIFICATE OF ASSAY AK 2007- 7102

Cusac Gold Mines Ltd.
Ste. 1600-409 Granville St.
Vancouver, BC
V6C 1T2

15-Aug-07

Attention: Lesley Hunt

No. of samples received: 166
Sample Type: Core
Project: Taurus
Shipment #: 07-005
Submitted by: Lesley Hunt/Mike Glover

		Metallic Assays	
		Au	Au
ET #.	Tag #	(g/t)	(oz/t)
1	G31415	12.5	0.365
10	G31424	2.47	0.072
24	G31438	2.36	0.069
27	G31441	8.02	0.234
31	G31445	4.41	0.129
32	G31446	3.24	0.094
47	G32011	11.2	0.327
101	G31288	2.47	0.072
102	G31289	4.48	0.131
104	G31291	4.63	0.135
106	G31293	3.13	0.091
114	G31301	10.9	0.318
119	G31306	1.60	0.047
120	G31307	111	3.237
126	G31313	6.96	0.203
129	G31316	2.42	0.071
130	G31317	2.34	0.068
149	G31336	2.27	0.066
150	G31337	3.02	0.088
161	G31348	3.20	0.093

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Cusac Gold Mines Ltd. AW7 - 7102

ET #.	Tag #	Metallic Assays Au (g/t)	Au (oz/t)
QC DATA:			
Standard:			
	SI25	1.80	0.052
	SI25	1.81	0.053

JJ/jl
XLS/06

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

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E-mail: info@ecotechlab.com
www.ecotechlab.com

CERTIFICATE OF ASSAY AK 2007-7124

Cusac Gold Mines Ltd.
Ste. 1600-409 Granville St.
Vancouver, BC
V6C 1T2

26-Jun-07

Attention: Lesley Hunt

No. of samples received: 162
Sample Type: Core
Project: Taurus
Shipment #:07-006
Submitted by: Lesley Hunt/Mike Glover

ET #.	Tag #	Au (g/t)	Au (oz/t)
1	G32104	0.91	0.027
2	G32105	1.14	0.033
3	G32106	0.61	0.018
4	G32107	0.90	0.026
5	G32108	0.28	0.008
6	G32109	1.10	0.032
7	G32110	1.03	0.030
8	G32111	1.73	0.050
9	G32112	1.23	0.036
10	G32113	0.16	0.005
11	G32114	0.13	0.004
12	G32115	0.55	0.016
13	G32116	0.09	0.003
14	G32117	0.05	0.001
15	G32118	0.05	0.001
16	G32119	0.16	0.005
17	G32120	4.90	0.143
18	G32121	0.13	0.004
19	G32122	0.92	0.027
20	G32123	0.12	0.003
21	G32124	0.98	0.029
22	G32125	0.13	0.004
23	G32126	0.08	0.002
24	G32127	<0.03	<0.001

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Cusac Gold Mines Ltd. AW7-7124 26-Jun-07

ET #.	Tag #	Au (g/t)	Au (oz/t)
25	G32128	0.04	0.001
26	G32129	0.12	0.003
27	G32130	1.06	0.031
28	G32131	0.10	0.003
29	G32132	0.05	0.001
30	G32133	0.03	0.001
31	G32134	0.03	0.001
32	G32135	0.04	0.001
33	G32136	0.05	0.001
34	G32137	0.06	0.002
35	G32138	0.06	0.002
36	G32139	<0.03	<0.001
37	G32140	4.99	0.146
38	G32296	3.50	0.102
39	G32297	<0.03	<0.001
40	G32298	<0.03	<0.001
41	G32299	1.53	0.045
42	G31355	1.94	0.057
43	G31356	2.50	0.073
44	G31357	0.11	0.003
45	G31358	3.70	0.108
46	G31359	9.60	0.280
47	G31360	0.31	0.009
48	G31361	1.62	0.047
49	G31362	0.06	0.002
50	G31363	0.03	0.001
51	G31364	<0.03	<0.001
52	G31365	1.29	0.038
53	G31366	<0.03	<0.001
54	G31367	0.03	0.001
55	G31368	0.06	0.002
56	G31369	0.13	0.004
57	G31370	4.93	0.144
58	G31371	<0.03	<0.001
59	G31372	<0.03	<0.001
60	G31373	0.05	0.001
61	G31374	1.80	0.052
62	G31375	1.53	0.045
63	G31376	0.05	0.001
64	G31377	0.11	0.003
65	G31378	0.09	0.003
66	G31379	0.03	0.001

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Cusac Gold Mines Ltd. AW7-7124 26-Jun-07

ET #.	Tag #	Au (g/t)	Au (oz/t)
67	G31380	0.99	0.029
68	G31381	0.04	0.001
69	G31382	<0.03	<0.001
70	G31383	<0.03	<0.001
71	G31384	0.76	0.022
72	G31385	<0.03	<0.001
73	G31386	<0.03	<0.001
74	G31387	<0.03	<0.001
75	G31388	0.18	0.005
76	G31389	1.07	0.031
77	G31390	5.03	0.147
78	G31391	7.40	0.216
79	G31392	0.03	0.001
80	G31393	<0.03	<0.001
81	G31394	<0.03	<0.001
82	G31395	<0.03	<0.001
83	G31396	0.06	0.002
84	G31397	0.04	0.001
85	G31398	0.03	0.001
86	G31399	<0.03	<0.001
87	G31400	0.98	0.029
88	G32051	<0.03	<0.001
89	G32052	0.04	0.001
90	G32053	0.07	0.002
91	G32054	0.72	0.021
92	G32055	0.05	0.001
93	G32056	2.01	0.059
94	G32057	0.25	0.007
95	G32058	790	23.039
96	G32059	0.04	0.001
97	G32060	5.00	0.146
98	G32061	2.60	0.076
99	G32062	0.08	0.002
100	G32063	0.03	0.001
101	G32064	1.71	0.050
102	G32065	0.04	0.001
103	G32066	<0.03	<0.001
104	G32068	11.7	0.341
105	G32069	1.89	0.055
106	G32070	0.33	0.010
107	G32071	8.70	0.254
108	G32072	0.11	0.003

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Cusac Gold Mines Ltd. AW7-7124 26-Jun-07

ET #.	Tag #	Au (g/t)	Au (oz/t)
109	G32073	3.10	0.090
110	G32074	0.13	0.004
111	G32075	<0.03	<0.001
112	G32076	<0.03	<0.001
113	G32077	<0.03	<0.001
114	G32078	<0.03	<0.001
115	G32079	<0.03	<0.001
116	G32080	1.04	0.030
117	G32081	<0.03	<0.001
118	G32082	<0.03	<0.001
119	G32083	<0.03	<0.001
120	G32084	1.68	0.049
121	G32085	0.04	0.001
122	G32086	<0.03	<0.001
123	G32087	0.03	0.001
124	G32088	0.78	0.023
125	G32089	<0.03	<0.001
126	G32090	5.10	0.149
127	G32091	<0.03	<0.001
128	G32092	<0.03	<0.001
129	G32093	<0.03	<0.001
130	G32094	<0.03	<0.001
131	G32095	<0.03	<0.001
132	G32096	0.03	0.001
133	G32097	0.04	0.001
134	G32098	<0.03	<0.001
135	G32099	0.10	0.003
136	G32100	1.02	0.030
137	G31146	0.03	0.001
138	G31147	0.05	0.001
139	G31148	<0.03	<0.001
140	G31149	<0.03	<0.001
141	G31150	0.30	0.009
142	G27001	<0.03	<0.001
143	G27002	<0.03	<0.001
144	G27003	<0.03	<0.001
145	G27004	<0.03	<0.001
146	G27005	<0.03	<0.001
147	G27006	<0.03	<0.001
148	G27007	<0.03	<0.001
149	G27008	0.11	0.003
150	G27009	0.13	0.004

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Cusac Gold Mines Ltd. AW7-7124 26-Jun-07

ET #.	Tag #	Au (g/t)	Au (oz/t)
151	G27010	1.03	0.030
152	G27011	<0.03	<0.001
153	G27012	<0.03	<0.001
154	G27013	1.27	0.037
155	G27014	<0.03	<0.001
156	G27015	0.08	0.002
157	G27016	0.03	0.001
158	G27017	0.21	0.006
159	G27018	0.22	0.006
160	G27019	<0.03	<0.001
161	G27020	4.97	0.145
162	G27021	<0.03	<0.001

QC DATA:

Repeat:

1	G32104	0.91	0.027
2	G32105	1.30	0.038
6	G32109	0.98	0.029
10	G32113	0.14	0.004
19	G32122	0.67	0.020
21	G32124	1.11	0.032
36	G32139	<0.03	<0.001
54	G31367	<0.03	<0.001
62	G31375	1.41	0.041
71	G31384	0.70	0.020
80	G31393	<0.03	<0.001
89	G32052	0.03	0.001
115	G32079	<0.03	<0.001
120	G32084	1.75	0.051
124	G32088	0.80	0.023
150	G27009	0.15	0.004
159	G27018	0.23	0.007

Resplits:

1	G32104	0.83	0.024
36	G32139	<0.03	<0.001
71	G31384	0.80	0.023
142	G27001	<0.03	<0.001

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Jutta Jealouse
B.C. Certified Assayer

Cusac Gold Mines Ltd. AW7-7124 26-Jun-07

ET #.	Tag #	Au (g/t)	Au (oz/t)
Standard:			
	SI25	1.80	0.052
	SI25	1.82	0.053
	SI25	1.82	0.053
	SJ32	2.60	0.076
	SJ32	2.63	0.077

JJ/nl
XLS/07

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E-mail: info@ecotechlab.com
www.ecotechlab.com

CERTIFICATE OF ASSAY AK 2007-7124

Cusac Gold Mines Ltd.
Ste. 1600-409 Granville St.
Vancouver, BC
V6C 1T2

15-Aug-07

Attention: Lesley Hunt

No. of samples received: 162
Sample Type: Core
Project: Taurus
Shipment #:07-006
Submitted by: Lesley Hunt/Mike Glover

ET #.	Tag #	Metallic Assay Au (g/t)	Au (oz/t)
8	G32111	2.01	0.059
38	G32296	4.82	0.141
42	G31355	2.36	0.069
43	G31356	3.13	0.091
45	G31358	3.94	0.115
46	G31359	11.0	0.319
61	G31374	2.04	0.059
78	G31391	7.16	0.209
93	G32056	2.30	0.067
95	G32058	221	6.445
98	G32061	3.25	0.095
101	G32064	2.02	0.059
104	G32068	8.12	0.237
105	G32069	3.08	0.090
107	G32071	11.6	0.338
109	G32073	5.80	0.169

QC DATA:

Standard:

SI25	1.80	0.052
SI25	1.82	0.053
SI25	1.82	0.053
SJ32	2.60	0.076
SJ32	2.63	0.077

JJ/jl
XLS/06

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CERTIFICATE OF ASSAY AK 2007-7126 Revised

Cusac Gold Mines Ltd.
Ste. 1600-409 Granville St.
Vancouver, BC
V6C 1T2

20-Aug-07

Attention: Lesley Hunt

No. of samples received: 160
Sample Type: Core
Submitted by: L. Hunt
Project: Taurus
Shipment #: 07-006

ET #.	Tag #	Au (g/t)	Au (oz/t)
1	27022	0.03	0.001
2	27023	<0.03	<0.001
3	27024	0.04	0.001
4	27025	0.04	0.001
5	27026	0.56	0.016
6	27027	1.26	0.037
7	27028	0.49	0.014
8	27029	0.03	0.001
9	27030	1.00	0.029
10	27031	<0.03	<0.001
11	27032	0.03	0.001
12	27033	<0.03	<0.001
13	27034	<0.03	<0.001
14	32141	<0.03	<0.001
15	32142	<0.03	<0.001
16	32143	<0.03	<0.001
17	32144	0.69	0.020
18	32145	1.00	0.029
19	32146	<0.03	<0.001
20	32147	3.30	0.096
21	32148	6.00	0.175
22	32149	0.21	0.006
23	32150	0.31	0.009
24	32151	0.64	0.019
25	32152	1.82	0.053
26	32153	0.12	0.003

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Cusac Gold Mines Ltd. AK7 - 7126 23-Jul-07

ET #.	Tag #	Au (g/t)	Au (oz/t)
27	32154	0.03	0.001
28	32155	<0.03	<0.001
29	32156	<0.03	<0.001
30	32157	0.04	0.001
31	32158	<0.03	<0.001
32	32159	0.17	0.005
33	32160	1.01	0.029
34	32161	0.04	0.001
35	32162	<0.03	<0.001
36	32163	3.50	0.102
37	32164	12.9	0.376
38	32165	<0.03	<0.001
39	32166	0.05	0.001
40	32167	11.5	0.335
41	32168	0.04	0.001
42	32169	0.03	0.001
43	32170	4.90	0.143
44	32171	<0.03	<0.001
45	32172	2.40	0.070
46	32173	7.60	0.222
47	32174	<0.03	<0.001
48	32175	2.50	0.073
49	32176	0.70	0.020
50	32177	2.06	0.060
51	32178	<0.03	<0.001
52	32179	0.04	0.001
53	32180	0.31	0.009
54	32181	2.28	0.066
55	32182	0.80	0.023
56	32183	3.30	0.096
57	32184	0.43	0.013
58	32185	<0.03	<0.001
59	32186	<0.03	<0.001
60	32187	<0.03	<0.001
61	32188	<0.03	<0.001
62	32189	0.03	0.001
63	32190	4.95	0.144
64	32191	1.25	0.036
65	32192	17.3	0.505
66	32193	1.53	0.045
67	32194	0.03	0.001
68	32195	0.03	0.001

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Cusac Gold Mines Ltd. AK7 - 7126 23-Jul-07

ET #.	Tag #	Au (g/t)	Au (oz/t)
69	32196	<0.03	<0.001
70	32197	0.03	0.001
71	32198	0.61	0.018
72	32199	<0.03	<0.001
73	32200	1.04	0.030
74	43101	1.93	0.056
75	43102	1.23	0.036
76	43103	1.19	0.035
77	43104	<0.03	<0.001
78	43105	0.35	0.010
79	43106	<0.03	<0.001
80	43107	5.89	0.172
81	43108	0.19	0.006
82	43109	0.31	0.009
83	43110	0.30	0.009
84	43111	<0.03	<0.001
85	43112	<0.03	<0.001
86	43113	<0.02	<0.001
87	43114	<0.03	<0.001
88	43115	0.03	0.001
89	43116	<0.03	<0.001
90	43117	<0.03	<0.001
91	43118	0.43	0.013
92	43119	1.76	0.051
93	43120	1.03	0.030
94	43121	0.24	0.007
95	43122	<0.03	<0.001
96	43123	0.05	0.001
97	43124	<0.03	<0.001
98	43125	<0.03	<0.001
99	43126	<0.03	<0.001
100	43127	0.07	0.002
101	43128	<0.03	<0.001
102	43129	0.17	0.005
103	43130	0.32	0.009
104	43131	0.47	0.014
105	43132	0.14	0.004
106	43133	0.75	0.022
107	43134	0.52	0.015
108	43135	0.63	0.018
109	43136	0.03	0.001
110	43137	<0.03	<0.001

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Cusac Gold Mines Ltd. AK7 - 7126 23-Jul-07

ET #.	Tag #	Au (g/t)	Au (oz/t)
111	43138	<0.03	<0.001
112	43139	<0.03	<0.001
113	43140	5.10	0.149
114	43141	<0.03	<0.001
115	43142	0.90	0.026
116	43143	0.75	0.022
117	43144	0.42	0.012
118	43145	0.17	0.005
119	43146	<0.03	<0.001
120	43147	1.28	0.037
121	43148	0.30	0.009
122	43149	0.17	0.005
123	43150	0.98	0.029
124	43151	0.07	0.002
125	43152	<0.03	<0.001
126	43153	0.11	0.003
127	43154	<0.03	<0.001
128	43155	0.03	0.001
129	43156	<0.03	<0.001
130	43157	<0.03	<0.001
131	43158	0.11	0.003
132	43159	0.45	0.013
133	43160	0.32	0.009
134	43161	0.03	0.001
135	43162	<0.03	<0.001
136	43163	0.03	0.001
137	43164	<0.03	<0.001
138	43165	<0.03	<0.001
139	43166	<0.03	<0.001
140	43167	<0.03	<0.001
141	43168	<0.03	<0.001
142	43169	<0.03	<0.001
143	43170	0.31	0.009
144	43171	<0.03	<0.001
145	43172	<0.03	<0.001
146	43173	0.86	0.025
147	43174	11.2	0.327
148	43175	0.39	0.011
149	32274	0.04	0.001
150	32275	<0.03	<0.001
151	32276	0.08	0.002
152	32277	2.38	0.069

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Cusac Gold Mines Ltd. AK7 - 7126 23-Jul-07

ET #.	Tag #	Au (g/t)	Au (oz/t)
153	32278	0.14	0.004
154	32279	1.23	0.036
155	32280	4.97	0.145
156	32281	0.32	0.009
157	32282	<0.03	<0.001
158	32283	<0.03	<0.001
159	32284	<0.03	<0.001
160	32292	<0.03	<0.001

QC DATA:

Repeat:

1	27022	0.03	0.001
10	27031	<0.03	<0.001
19	32146	0.05	0.001
71	32198	0.70	0.020
89	43116	<0.03	<0.001
106	43133	0.80	0.023
115	43142	0.84	0.024
124	43151	0.05	0.001
141	43168	<0.03	<0.001
150	32275	<0.03	<0.001
159	32284	0.03	0.001

Resplits:

1	27022	0.03	0.001
6	27027	1.35	0.039
66	32193	1.38	0.040
71	32198	0.57	0.017
106	43133	0.67	0.020
120	43147	1.21	0.035
141	43168	<0.03	<0.001
148	43175	0.41	0.012
154	32279	1.23	0.036

Standard:

SJ32	2.60	0.076
SJ32	2.63	0.077
SJ32	2.62	0.076
SI25	1.78	0.052
SI25	1.80	0.052

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CERTIFICATE OF ASSAY AK 2007-7126

Cusac Gold Mines Ltd.
Ste. 1600-409 Granville St.
Vancouver, BC
V6C 1T2

20-Aug-07

Attention: Lesley Hunt

No. of samples received: 160
Sample Type: Core
Submitted by: L. Hunt
Project: Taurus
Shipment #: 07-006

		Metallic Assay	
		Au	**Au**
ET #.	**Tag #**	**(g/t)**	**(oz/t)**
20	32147	3.20	0.093
21	32148	2.28	0.066
25	32152	2.07	0.060
36	32163	3.74	0.109
37	32164	20.3	0.592
40	32167	13.9	0.405
45	32172	3.17	0.092
46	32173	7.98	0.233
48	32175	2.36	0.069
50	32177	2.72	0.079
54	32181	5.55	0.162
56	32183	6.40	0.187
65	32192	16.2	0.472
74	43101	2.25	0.066
75	43102	2.44	0.071
80	43107	6.42	0.187
92	43119	1.93	0.056
147	43174	11.1	0.324
152	32277	2.59	0.076

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CERTIFICATE OF ASSAY AK 2007-7158

Cusac Gold Mines Ltd.
Ste. 1600-409 Granville St.
Vancouver, BC
V6C 1T2

7-Aug-07

Attention: Lesley Hunt

No. of samples received: 99
Sample Type: Core
Project: Taurus
Shipment #:07-007
Submitted by: Lesley Hunt/Mike Glover

ET #.	Tag #	Au (g/t)	Au (oz/t)
1	G32285	0.03	0.001
2	G32286	<0.03	<0.001
3	G32287	<0.03	<0.001
4	G32288	<0.03	<0.001
5	G32289	<0.03	<0.001
6	G32290	1.06	0.031
7	G32291	<0.03	<0.001
8	G32293	<0.03	<0.001
9	G32294	<0.03	<0.001
10	G32295	0.08	0.002
11	G32300	0.32	0.009
12	178651	<0.03	<0.001
13	178652	<0.03	<0.001
14	178653	<0.03	<0.001
15	178654	<0.03	<0.001
16	178655	<0.03	<0.001
17	178656	<0.03	<0.001
18	178657	<0.03	<0.001
19	178658	0.04	0.001
20	178659	0.03	0.001
21	178660	1.09	0.032
22	178661	<0.03	<0.001

ECO TECH LABORATORY LTD.
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Cusac Gold Mines Ltd. AW7 - 7158 7-Aug-07

ET #.	Tag #	Au (g/t)	Au (oz/t)
23	178662	<0.03	<0.001
24	178663	0.05	0.001
25	178664	0.12	0.003
26	178665	<0.03	<0.001
27	178666	<0.03	<0.001
28	178667	<0.03	<0.001
29	178668	<0.03	<0.001
30	178669	<0.03	<0.001
31	178670	0.32	0.009
32	178671	0.06	0.002
33	178672	<0.03	<0.001
34	27035	<0.03	<0.001
35	27036	0.06	0.002
36	27037	<0.03	<0.001
37	27038	1.15	0.034
38	27039	8.10	0.236
39	27040	0.30	0.009
40	27041	2.15	0.063
41	27042	<0.03	<0.001
42	27043	<0.03	<0.001
43	27044	<0.03	<0.001
44	27045	<0.03	<0.001
45	27046	<0.03	<0.001
46	27047	<0.03	<0.001
47	27048	<0.03	<0.001
48	27049	<0.03	<0.001
49	27050	5.06	0.148
50	27051	0.06	0.002
51	27052	1.02	0.030
52	27053	0.06	0.002
53	27054	1.01	0.029
54	27055	<0.03	<0.001
55	27056	2.04	0.059
56	27057	0.13	0.004
57	27058	2.14	0.062
58	27059	0.04	0.001
59	27060	0.98	0.029
60	27061	5.10	0.149
61	27062	2.14	0.062
62	27063	0.06	0.002
63	27064	2.16	0.063
64	27065	0.05	0.001
65	27066	<0.03	<0.001
66	27067	<0.03	<0.001

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AUG 2 0 2007

Cusac Gold Mines Ltd. AW7 - 7158 7-Aug-07

ET #.	Tag #	Au (g/t)	Au (oz/t)
67	27068	0.03	0.001
68	27069	<0.03	<0.001
69	27070	0.31	0.009
70	27071	<0.03	<0.001
71	27072	0.03	0.001
72	27073	<0.03	<0.001
73	27074	<0.03	<0.001
74	27075	<0.03	<0.001
75	27076	<0.03	<0.001
76	27077	<0.03	<0.001
77	27078	<0.03	<0.001
78	27079	<0.03	<0.001
79	27080	4.96	0.145
80	27081	2.90	0.085
81	27082	1.27	0.037
82	27083	<0.03	<0.001
83	27084	2.60	0.076
84	27085	0.10	0.003
85	27086	0.17	0.005
86	27087	5.00	0.146
87	27088	1.28	0.037
88	27089	1.02	0.030
89	27090	1.03	0.030
90	27091	<0.03	<0.001
91	27092	0.04	0.001
92	27093	0.72	0.021
93	27094	0.04	0.001
94	27095	0.21	0.006
95	27096	1.27	0.037
96	27097	<0.03	<0.001
97	27098	<0.03	<0.001
98	27099	1.15	0.034
99	27100	1.01	0.029

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AUG 2 0 2007

Cusac Gold Mines Ltd. AW7 - 7158 7-Aug-07

ET #.	Tag #	Au (g/t)	Au (oz/t)
QC DATA:			
Repeat:			
1	G32285	0.03	0.001
10	G32295	0.06	0.002
19	178658	<0.03	<0.001
36	27037	<0.03	<0.001
37	27038	1.20	0.035
45	27046	<0.03	<0.001
51	27052	0.96	0.028
53	27054	0.94	0.027
54	27055	0.03	0.001
71	27072	<0.03	<0.001
90	27091	<0.03	<0.001
95	27096	1.27	0.037
98	27099	1.26	0.037
Resplits:			
1	G32285	<0.03	<0.001
36	27037	<0.03	<0.001
71	27072	<0.03	<0.001
Standard:			
SJ32		2.65	0.077
SJ32		2.62	0.076
SJ32		2.63	0.077

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XLS/07

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AUG 2 0 2007

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CERTIFICATE OF ASSAY AW 2007-7158

Cusac Gold Mines Ltd.
Ste. 1600-409 Granville St.
Vancouver, BC
V6C 1T2

9-Aug-07

Attention: Lesley Hunt

No. of samples received: 99
Sample Type: Core
Project: Taurus
Shipment #:07-007
Submitted by: Lesley Hunt/Mike Glover

		Metallic Assay	
		Au	**Au**
ET #.	**Tag #**	**(g/t)**	**(oz/t)**
38	27039	8.28	0.242
40	27041	2.92	0.085
55	27056	2.37	0.069
57	27058	3.39	0.099
60	27061	6.30	0.184
61	27062	3.79	0.111
63	27064	2.67	0.078
80	27081	3.15	0.092
81	27082	3.99	0.116
83	27084	2.61	0.076
86	27087	8.84	0.258
88	27089	1.58	0.046

QC DATA:

Standard:		
SJ32	2.60	0.076
SJ32	2.65	0.077

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JJ/bp
XLS/06

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CERTIFICATE OF ASSAY AK 2007-7159

Cusac Gold Mines Ltd.
Ste. 1600-409 Granville St.
Vancouver, BC
V6C 1T2

7-Aug-07

Attention: Lesley Hunt

No. of samples received: 150
Sample Type: Core
Project: Taurus II
Shipment #: 07-007
Submitted by: Lesley Hunt/Mike Glover

ET #.	Tag #	Au (g/t)	Au (oz/t)
1	27101	1.86	0.054
2	27102	0.13	0.004
3	27103	1.74	0.051
4	27104	0.05	0.001
5	27105	2.04	0.059
6	27106	0.06	0.002
7	27107	1.51	0.044
8	27108	0.17	0.005
9	27109	3.00	0.087
10	27110	1.56	0.045
11	27111	<0.03	<0.001
12	27112	<0.03	<0.001
13	27113	0.08	0.002
14	27114	<0.03	<0.001
15	27115	<0.03	<0.001
16	27116	<0.03	<0.001
17	27117	0.94	0.027
18	27118	1.67	0.049
19	27119	0.58	0.017
20	27120	5.07	0.148
21	27121	0.74	0.022
22	27122	<0.03	<0.001

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Cusac Gold Mines Ltd. AW7 - 7159

ET #.	Tag #	Au (g/t)	Au (oz/t)
23	27123	<0.03	<0.001
24	27124	<0.03	<0.001
25	27125	1.90	0.055
26	27126	3.00	0.087
27	27127	1.61	0.047
28	27128	<0.03	<0.001
29	27129	<0.03	<0.001
30	27130	2.03	0.059
31	27131	<0.03	<0.001
32	27132	<0.03	<0.001
33	27133	<0.03	<0.001
34	27134	0.03	0.001
35	27135	0.16	0.005
36	27136	<0.03	<0.001
37	27137	0.22	0.006
38	27138	0.16	0.005
39	27139	0.10	0.003
40	27140	1.06	0.031
41	27141	<0.03	<0.001
42	27142	1.06	0.031
43	27143	<0.03	<0.001
44	27144	<0.03	<0.001
45	27145	0.05	0.001
46	27146	0.78	0.023
47	27147	0.43	0.013
48	27148	0.03	0.001
49	27149	2.02	0.059
50	27150	5.10	0.149
51	27151	<0.03	<0.001
52	27152	0.03	0.001
53	27153	<0.03	<0.001
54	27154	5.50	0.160
55	27155	0.04	0.001
56	27156	<0.03	<0.001
57	27157	<0.03	<0.001
58	27158	0.03	0.001
59	27159	<0.03	<0.001
60	27160	2.01	0.059
61	27161	0.03	0.001
62	27162	<0.03	<0.001
63	27163	0.80	0.023
64	27164	0.04	0.001
65	27165	<0.03	<0.001
66	27166	1.35	0.039
67	27167	2.14	0.062

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

Cusac Gold Mines Ltd. AW7 - 7159

ET #.	Tag #	Au (g/t)	Au (oz/t)
68	27168	0.05	0.001
69	27169	1.08	0.031
70	27170	5.06	0.148
71	27171	<0.03	<0.001
72	27172	<0.03	<0.001
73	27173	<0.03	<0.001
74	27174	<0.03	<0.001
75	27175	<0.03	<0.001
76	27176	<0.03	<0.001
77	27177	<0.03	<0.001
78	27178	<0.03	<0.001
79	27179	0.20	0.006
80	27180	1.06	0.031
81	27181	<0.03	<0.001
82	27182	<0.03	<0.001
83	27183	<0.03	<0.001
84	27184	0.09	0.003
85	27185	<0.03	<0.001
86	27186	<0.03	<0.001
87	27187	0.13	0.004
88	27188	<0.03	<0.001
89	27189	<0.03	<0.001
90	27190	5.01	0.146
91	27191	<0.03	<0.001
92	27192	<0.03	<0.001
93	27193	<0.03	<0.001
94	27194	<0.03	<0.001
95	27195	<0.03	<0.001
96	27196	<0.03	<0.001
97	27197	<0.03	<0.001
98	27198	<0.03	<0.001
99	27199	0.06	0.002
100	27200	2.16	0.063
101	36501	<0.03	<0.001
102	36502	<0.03	<0.001
103	36503	<0.03	<0.001
104	36504	<0.03	<0.001
105	36505	<0.03	<0.001
106	36506	<0.03	<0.001
107	36507	<0.03	<0.001
108	36508	<0.03	<0.001
109	36509	<0.03	<0.001
110	36510	1.03	0.030
111	178673	<0.03	<0.001

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

Cusac Gold Mines Ltd. AW7 - 7159

ET #.	Tag #	Au (g/t)	Au (oz/t)
112	178674	<0.03	<0.001
113	178675	<0.03	<0.001
114	178676	0.24	0.007
115	178677	0.99	0.029
116	178678	0.63	0.018
117	178679	1.67	0.049
118	178680	5.09	0.148
119	178681	1.78	0.052
120	178682	0.59	0.017
121	178683	0.79	0.023
122	178684	0.41	0.012
123	178685	0.05	0.001
124	178686	<0.03	<0.001
125	178687	0.04	0.001
126	178688	0.03	0.001
127	178689	0.13	0.004
128	178690	1.06	0.031
129	178691	0.10	0.003
130	178692	<0.03	<0.001
131	178693	<0.03	<0.001
132	178694	<0.03	<0.001
133	178695	<0.03	<0.001
134	178696	<0.03	<0.001
135	178697	<0.03	<0.001
136	178698	0.04	0.001
137	178699	<0.03	<0.001
138	178700	5.05	0.147
139	178701	<0.03	<0.001
140	178702	<0.03	<0.001
141	178703	<0.03	<0.001
142	178704	<0.03	<0.001
143	178705	<0.03	<0.001
144	178706	<0.03	<0.001
145	178707	<0.03	<0.001
146	178708	<0.03	<0.001
147	178709	<0.03	<0.001
148	178710	0.31	0.009
149	178711	<0.03	<0.001
150	178712	<0.03	<0.001

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

ET #.	Tag #	Au (g/t)	Au (oz/t)
QC DATA:			
Repeat:			
3	27103	1.59	0.046
11	27111	<0.03	<0.001
19	27119	0.57	0.017
21	27121	0.80	0.023
36	27136	<0.03	<0.001
45	27145	0.08	0.002
66	27166	1.44	0.042
69	27169	1.09	0.032
71	27171	<0.03	<0.001
81	27181	<0.03	<0.001
89	27189	<0.03	<0.001
106	36506	<0.03	<0.001
115	178677	1.07	0.031
124	178686	<0.03	<0.001
141	178703	<0.03	<0.001
150	178712	<0.03	<0.001
Resplits:			
36	27136	<0.03	<0.001
71	27171	<0.03	<0.001
106	36506	<0.03	<0.001
141	178703	<0.03	<0.001
Standard:			
SJ32		2.66	0.078
OXK48		3.56	0.104
OXK48		3.57	0.104
OXK48		3.58	0.104
OXK48		3.58	0.104

JJ/jl
XLS/06

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 AW 2007-7159

Cusac Gold Mines Ltd.
Ste. 1600-409 Granville St.
Vancouver, BC
V6C 1T2

10-Aug-07

Attention: Lesley Hunt

No. of samples received: 150
Sample Type: Core
Project: Taurus II
Shipment #: 07-007
Submitted by: Lesley Hunt/Mike Glover

		Metallic Assay	
ET #.	Tag #	Au (g/t)	Au (oz/t)
1	27101	3.42	0.100
2	27102	0.18	0.005
5	27105	2.27	0.066
9	27109	3.47	0.101
18	27118	1.01	0.029
25	27125	1.62	0.047
26	27126	2.95	0.086
46	27146	0.88	0.026
47	27147	0.48	0.014
49	27149	2.18	0.064
54	27154	5.99	0.175
67	27167	2.27	0.066
111	178673	<0.03	<0.001
112	178674	<0.03	<0.001
113	178675	<0.03	<0.001
114	178676	0.37	0.011

QC DATA:

Standard:		
S125	1.82	0.053
SJ32	2.60	0.076

JJ/bp
XLS/06

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

11-Jul-07

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 2007- 7092

Cusac Gold Mines Ltd.
Ste. 1600-409 Granville St.
Vancouver, BC
V6C 1T2

No. of samples received: 141
Sample Type: Core
Project: Taurus
Shipment #:07-004
Submitted by: Lesley Hunt/Mike Glover

Values in ppm unless otherwise reported

Et #.	Tag #	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	31151	0.5	0.59	865	80	15	>10	11	44	33	78	7.82	<10	1.99	1564	5	0.02	44	230	8	10	<20	99	0.04	<10	38	<10	<1	59
2	31152	0.4	0.36	715	80	10	>10	10	43	28	62	7.19	<10	3.49	1456	6	0.02	42	250	8	35	<20	165	0.04	<10	25	<10	2	55
3	31153	11.1	0.06	2435	25	<5	1.59	24	8	167	228	1.63	<10	0.37	203	<1	<0.01	7	30	2	80	<20	37	0.01	<10	7	<10	2	53
4	31154	<0.2	2.27	375	85	20	>10	8	47	44	59	9.61	<10	3.52	1471	8	0.02	39	570	34	10	<20	88	0.05	<10	169	<10	<1	87
5	31155	<0.2	3.87	10	65	15	9.86	3	45	67	57	8.93	<10	3.63	1480	8	0.02	42	570	58	15	<20	54	0.07	<10	330	<10	3	81
6	31156	<0.2	2.96	60	60	15	>10	3	44	72	66	7.92	<10	3.81	1510	6	0.02	41	400	44	15	<20	111	0.05	<10	229	<10	5	79
7	31157	<0.2	3.42	<5	55	10	>10	1	45	80	71	8.01	<10	3.94	1489	7	0.03	43	400	50	15	<20	110	0.06	<10	266	<10	3	72
8	31158	0.2	0.30	675	100	15	9.38	8	46	31	50	8.00	<10	3.51	1465	5	0.02	38	390	10	10	<20	148	0.05	<10	34	<10	3	72
9	31159	0.6	0.95	3115	80	20	6.83	33	46	64	35	9.24	30	2.69	1237	7	0.02	41	1140	20	10	<20	214	0.08	<10	67	<10	4	47
10	31160	<0.2	1.84	40	130	5	1.70	<1	29	907	68	3.49	<10	0.85	539	15	0.16	705	500	36	<5	<20	52	0.12	<10	77	<10	7	31
11	31161	0.4	0.33	2560	95	20	8.27	32	44	29	24	9.17	<10	3.11	1720	9	0.02	42	550	10	25	<20	180	0.05	<10	36	<10	4	53
12	31162	0.3	0.56	6000	95	15	9.24	69	45	34	40	9.12	<10	2.88	1508	7	0.02	36	440	12	10	<20	156	0.05	<10	33	<10	<1	63
13	31163	0.2	0.23	>10000	85	20	8.66	110	52	45	10	8.00	<10	3.03	1536	7	0.01	52	260	8	25	<20	226	0.05	<10	32	<10	3	43
14	31164	4.4	0.11	5865	35	<5	3.00	73	13	153	222	2.23	<10	0.71	403	5	0.01	14	30	4	30	<20	64	0.02	<10	14	<10	2	999
15	31165	1.1	0.33	3870	85	15	7.45	46	52	31	33	9.99	<10	3.01	1688	6	0.02	42	470	10	10	<20	173	0.05	<10	36	<10	1	53
16	31166	<0.2	2.13	1190	75	15	9.90	16	48	59	40	9.32	<10	3.26	1487	6	0.02	38	660	36	<5	<20	119	0.05	<10	180	<10	13	82
17	31167	<0.2	4.14	30	70	20	>10	2	49	69	66	9.56	<10	3.37	1708	8	0.02	40	720	68	10	<20	120	0.07	<10	328	<10	22	92
18	31168	<0.2	2.77	1310	85	15	>10	16	49	54	65	>10	<10	3.47	1660	9	0.01	43	650	48	15	<20	122	0.06	<10	150	<10	13	102
19	31169	0.6	0.04	745	20	<5	0.49	8	4	213	4	0.62	<10	0.09	86	1	<0.01	8	90	4	<5	<20	18	<0.01	<10	4	<10	4	11
20	31170	0.6	0.57	190	55	<5	0.25	<1	23	663	80	2.97	<10	0.13	197	11	0.01	526	260	18	<5	<20	11	0.02	<10	23	<10	7	40
21	31171	0.8	1.33	1330	95	20	>10	16	51	50	50	8.62	<10	3.09	1505	5	0.02	39	610	24	5	<20	181	0.05	<10	73	<10	8	83
22	31172	<0.2	3.53	25	160	15	7.03	3	57	79	73	8.19	10	2.94	1379	12	0.02	54	1010	64	35	<20	114	0.07	<10	259	<10	39	84
23	31173	<0.2	3.26	15	75	25	2.95	1	52	69	77	8.73	<10	3.19	1111	5	0.03	41	800	56	10	<20	34	0.31	<10	275	<10	23	98
24	31174	<0.2	3.12	20	60	20	7.95	2	49	82	66	8.22	<10	3.17	1474	5	0.04	41	600	54	15	<20	89	0.18	<10	309	<10	29	97
25	31175	<0.2	3.71	<5	145	30	7.15	2	52	49	70	9.61	<10	3.50	1524	8	0.03	36	850	66	20	<20	53	0.27	<10	334	<10	27	107

Et #.	Tag #	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
26	31176	<0.2	3.93	120	60	10	>10	3	42	66	33	8.56	<10	3.27	1487	7	0.02	38	670	68	15	<20	84	0.07	<10	332	<10	26	84
27	31177	<0.2	4.39	50	70	15	9.12	3	52	71	41	9.54	<10	3.53	1512	11	0.02	45	750	72	30	<20	81	0.06	<10	400	<10	17	93
28	31178	<0.2	2.07	240	105	20	>10	5	45	60	73	8.29	<10	3.52	1638	7	0.02	38	610	38	15	<20	112	0.05	<10	218	<10	9	74
29	31179	0.6	0.37	4945	90	10	9.57	56	45	36	32	9.38	<10	3.20	1603	6	0.02	38	490	10	10	<20	195	0.05	<10	29	<10	5	58
30	31180	4.8	1.29	300	85	<5	0.51	4	16	33	580	5.07	<10	1.27	318	14	0.02	18	320	116	35	<20	11	0.04	<10	25	<10	5	603
31	31181	0.9	0.25	4595	95	30	7.36	54	46	45	30	9.42	<10	3.00	1523	6	0.02	40	370	12	25	<20	194	0.05	<10	29	<10	6	48
32	31182	2.2	0.12	1425	65	15	0.98	16	27	181	8	6.85	<10	0.20	149	4	0.01	30	30	10	<5	<20	25	0.03	<10	10	<10	<1	13
33	31183	0.7	1.26	3315	100	15	7.64	35	53	49	40	>10	<10	3.40	1709	12	0.02	53	570	26	35	<20	171	0.05	<10	137	<10	6	62
34	31184	<0.2	3.83	30	70	20	>10	2	49	63	57	9.85	<10	3.51	1654	8	0.02	40	740	68	5	<20	100	0.07	<10	361	<10	16	102
35	31185	<0.2	4.04	35	80	25	7.94	2	52	73	64	>10	<10	3.61	1605	11	0.02	45	780	72	15	<20	91	0.06	<10	350	<10	15	118
36	31186	<0.2	3.64	45	90	25	9.45	2	53	62	58	>10	<10	3.19	1650	9	0.01	46	800	72	15	<20	116	0.06	<10	308	10	21	114
37	31187	<0.2	0.68	1750	90	15	8.75	20	41	61	43	7.99	<10	2.60	1365	4	0.01	31	540	16	10	<20	154	0.05	<10	37	<10	5	69
38	31188	<0.2	3.94	20	80	25	8.33	1	50	77	60	9.27	<10	3.49	1653	7	0.02	42	770	72	15	<20	118	0.09	<10	265	<10	26	101
39	31189	<0.2	4.49	15	75	30	>10	2	52	79	63	>10	<10	3.52	1487	10	0.01	45	780	82	25	<20	116	0.06	<10	328	<10	18	105
40	31190	1.7	0.31	340	50	10	0.36	4	12	31	60	3.50	<10	0.07	160	10	0.01	17	370	28	25	<20	11	0.02	<10	19	<10	7	102
41	31191	<0.2	1.22	25	105	25	9.89	2	49	63	63	9.19	<10	2.40	1986	6	0.01	39	720	24	10	<20	71	0.06	<10	269	<10	19	102
42	31192	0.5	0.37	6080	85	15	9.62	62	43	70	45	8.28	<10	2.56	1244	6	0.01	42	320	24	10	<20	160	0.05	<10	45	<10	2	53
43	31193	1.0	0.26	595	85	20	>10	9	47	52	65	7.81	<10	3.23	1504	9	0.01	54	310	22	40	<20	179	0.04	<10	33	<10	<1	59
44	31194	0.4	0.32	670	80	15	>10	8	36	77	60	6.28	<10	3.15	1286	4	0.01	53	500	16	20	<20	134	0.04	<10	28	<10	7	57
45	31195	0.3	0.30	1425	80	15	>10	18	44	50	43	8.08	<10	3.06	1405	5	0.01	54	340	12	20	<20	157	0.04	<10	33	<10	2	48
46	31196	<0.2	0.34	800	95	25	8.64	12	48	32	24	>10	<10	2.54	1868	8	0.03	38	830	12	10	<20	78	0.06	<10	66	<10	2	129
47	31197	0.7	0.25	>10000	80	20	5.46	174	50	60	19	>10	<10	1.94	1319	6	0.01	42	810	10	10	<20	145	0.06	<10	34	<10	<1	50
48	31198	0.3	0.62	1895	95	10	>10	19	47	44	63	9.82	<10	2.88	1581	6	0.02	51	610	18	15	<20	130	0.05	<10	42	<10	2	96
49	31199	0.9	0.47	6175	80	<5	>10	63	44	51	43	7.93	<10	2.90	1571	6	0.02	46	380	14	25	<20	185	0.04	<10	32	<10	<1	73
50	31200	1.7	0.30	370	45	15	0.35	4	12	32	60	3.59	<10	0.06	163	10	0.01	17	390	30	30	<20	6	0.01	<10	19	<10	8	106
51	31201	0.2	0.84	1985	75	15	>10	22	45	48	58	7.99	<10	2.91	1416	6	0.01	45	560	22	35	<20	128	0.04	<10	33	<10	5	79
52	31202	1.0	0.29	1765	80	15	>10	20	45	51	63	8.51	<10	2.99	1540	5	0.01	45	480	12	25	<20	217	0.05	<10	31	<10	3	64
53	31203	0.6	0.33	955	80	10	>10	12	48	51	43	8.39	<10	2.84	1506	5	0.01	47	840	10	25	<20	172	0.04	<10	34	<10	2	77
54	31204	0.6	0.27	890	75	20	>10	12	45	64	31	8.00	<10	2.90	1549	7	0.02	49	750	8	30	<20	215	0.04	<10	32	<10	2	59
55	31205	<0.2	0.33	730	100	15	>10	9	52	41	63	9.20	<10	3.13	1664	9	0.02	56	730	14	20	<20	133	0.05	<10	42	<10	2	72
56	31206	<0.2	0.02	50	20	5	2.40	<1	3	187	4	0.89	<10	0.50	237	<1	<0.01	4	30	8	<5	<20	43	<0.01	<10	7	<10	4	16
57	31207	<0.2	0.32	235	80	5	>10	4	46	39	44	8.81	<10	3.26	1578	5	0.02	43	550	8	10	<20	91	0.05	<10	41	<10	<1	82
58	31208	<0.2	0.33	70	65	15	>10	3	42	46	42	8.63	<10	3.30	1751	6	0.04	42	660	14	15	<20	66	0.05	<10	42	<10	4	98
59	31209	0.3	0.28	3505	85	20	>10	44	45	46	54	8.24	<10	3.16	1635	5	0.03	38	540	14	20	<20	191	0.06	<10	38	<10	9	68
60	31210	<0.2	1.94	75	140	15	1.84	<1	31	966	69	3.72	<10	0.86	569	16	0.16	762	580	48	<5	<20	55	0.14	<10	83	<10	9	35
61	31211	<0.2	0.57	230	80	25	>10	5	45	37	49	8.62	<10	3.48	1764	6	0.03	41	560	20	15	<20	103	0.05	<10	55	<10	5	84
62	31212	<0.2	3.68	40	60	30	>10	1	49	81	59	8.76	<10	3.56	1474	7	0.03	45	620	76	15	<20	66	0.08	<10	290	<10	3	100
63	31213	<0.2	4.13	70	90	30	>10	2	47	74	61	9.08	<10	3.36	1292	10	0.01	44	690	92	30	<20	77	0.06	<10	319	<10	7	91
64	31214	<0.2	1.11	50	75	15	>10	3	47	87	71	7.05	<10	2.60	1586	8	0.02	54	480	26	30	<20	64	0.04	<10	203	<10	14	101
65	31215	<0.2	2.86	75	55	10	>10	1	45	114	72	7.53	<10	3.82	1387	6	0.03	52	430	56	15	<20	70	0.05	<10	216	<10	8	79

Et #.	Tag #	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
66	31216	<0.2	2.75	80	60	25	>10	3	46	122	53	8.28	<10	4.08	1471	8	0.03	59	390	58	25	<20	66	0.05	<10	181	<10	5	89
67	31217	<0.2	0.50	180	60	15	>10	4	43	44	63	6.87	<10	3.15	1516	5	0.02	48	430	16	30	<20	93	0.04	<10	55	<10	8	71
68	31218	>30	0.08	2335	40	<5	2.06	27	9	159	793	1.92	<10	0.20	141	4	<0.01	10	20	8	395	<20	31	<0.01	<10	9	<10	3	600
69	31219	0.5	0.30	2100	85	30	>10	28	46	28	54	9.53	<10	3.06	1484	6	0.02	38	570	12	25	<20	152	0.05	<10	32	<10	2	85
70	31220	5.0	1.29	325	70	<5	0.53	5	17	35	577	5.24	<10	1.24	325	13	0.02	19	350	128	40	<20	12	0.04	<10	27	<10	5	646
71	31221	0.9	0.25	1160	80	30	>10	13	48	37	46	8.82	<10	3.20	1697	5	0.02	38	440	10	25	<20	174	0.05	<10	35	<10	<1	74
72	31222	0.5	0.33	2625	90	20	9.97	28	44	45	39	9.00	<10	3.11	1634	6	0.02	32	530	10	25	<20	162	0.05	<10	38	<10	<1	79
73	31223	<0.2	0.02	1780	10	5	1.24	17	3	170	4	0.71	<10	0.22	141	1	<0.01	4	<10	6	<5	<20	29	<0.01	<10	7	<10	5	17
74	31224	0.8	0.26	5345	85	10	8.69	55	46	29	35	>10	<10	3.18	1680	10	0.01	41	530	8	30	<20	208	0.04	<10	31	<10	<1	66
75	31225	<0.2	0.35	3020	75	15	9.93	29	47	38	52	9.26	<10	2.94	1666	5	0.01	37	540	10	10	<20	197	0.05	<10	50	<10	<1	73
76	31226	<0.2	1.51	80	60	15	9.73	2	56	58	65	9.76	<10	2.41	2762	6	0.01	35	850	30	5	<20	76	0.06	<10	321	<10	6	126
77	31227	<0.2	1.67	125	70	25	>10	4	57	49	78	9.20	<10	2.86	2045	7	0.01	43	950	36	20	<20	93	0.06	<10	256	<10	9	122
78	31228	<0.2	4.40	40	70	25	9.68	<1	51	59	73	>10	<10	3.22	1629	7	0.01	39	860	86	<5	<20	95	0.08	<10	384	<10	11	121
79	31229	<0.2	3.78	40	135	20	9.02	<1	54	61	72	9.23	<10	3.29	1722	6	0.02	36	860	76	10	<20	96	0.25	<10	312	<10	27	110
80	31230	2.0	0.31	400	30	15	0.38	3	12	32	62	3.66	<10	0.07	168	9	0.01	18	400	28	25	<20	7	0.03	<10	20	<10	8	107
81	31231	<0.2	3.43	40	60	30	5.25	1	57	62	78	8.56	<10	3.02	1526	5	0.03	36	930	72	25	<20	53	0.40	<10	255	<10	18	114
82	31232	<0.2	4.13	55	65	25	>10	1	53	54	70	9.69	<10	2.98	1484	7	0.02	36	870	84	15	<20	88	0.13	<10	333	<10	31	107
83	31233	<0.2	0.87	220	65	25	>10	4	50	33	59	9.27	<10	3.16	1536	6	0.06	35	750	22	15	<20	112	0.05	<10	52	<10	10	89
84	31234	<0.2	2.25	1495	75	15	>10	16	44	63	47	9.99	<10	3.25	1284	7	0.02	33	640	44	15	<20	114	0.05	<10	84	<10	3	73
85	31235	<0.2	3.22	40	55	25	>10	3	52	57	59	>10	<10	3.59	1715	11	0.04	38	850	64	25	<20	81	0.05	<10	276	<10	11	114
86	31236	<0.2	3.15	15	55	20	>10	2	51	60	64	>10	<10	3.49	1729	8	0.03	37	850	66	15	<20	82	0.06	<10	292	<10	9	112
87	31237	<0.2	4.64	35	455	35	7.53	1	54	71	64	9.68	<10	3.62	1777	8	0.02	42	900	92	20	<20	103	0.19	<10	328	<10	15	126
88	31238	<0.2	4.48	35	570	25	7.71	2	53	68	68	9.65	<10	3.41	1761	9	0.02	40	890	90	35	<20	84	0.24	<10	304	<10	16	117
89	31239	<0.2	4.65	50	200	25	>10	<1	52	62	65	9.73	<10	3.31	1675	9	0.02	38	870	92	20	<20	91	0.11	<10	364	<10	17	110
90	31240	<0.2	2.00	75	125	15	1.90	<1	32	994	71	3.80	<10	0.87	581	15	0.16	782	600	48	<5	<20	51	0.14	<10	87	<10	8	36
91	31241	<0.2	4.01	75	60	25	>10	1	52	60	64	9.94	<10	3.45	1641	10	0.02	42	860	78	25	<20	70	0.07	<10	319	<10	11	117
92	31242	0.2	0.71	290	75	20	>10	4	48	40	64	8.47	<10	3.16	1672	5	0.02	42	640	18	20	<20	122	0.05	<10	54	<10	8	96
93	31243	0.3	1.16	1125	95	25	>10	12	54	34	53	>10	<10	3.27	1501	6	0.02	47	590	32	10	<20	154	0.06	<10	36	<10	7	105
94	31244	0.9	0.29	>10000	80	20	7.98	198	47	43	35	9.77	<10	2.81	1392	7	0.01	44	290	14	35	<20	184	0.05	<10	29	<10	3	61
95	31245	0.8	0.30	5020	65	10	>10	50	49	27	60	9.19	<10	3.23	1640	5	0.01	43	540	12	20	<20	183	0.05	<10	29	<10	<1	75
96	31246	15.8	0.22	>10000	95	40	5.04	271	61	42	43	>10	<10	2.67	1364	13	0.01	65	320	14	50	<20	147	0.05	<10	29	<10	<1	49
97	31247	<0.2	0.64	250	60	15	9.80	3	47	48	54	8.56	<10	3.09	1348	5	0.02	44	510	18	30	<20	84	0.05	<10	39	<10	1	108
98	31248	<0.2	0.46	170	70	10	>10	3	48	38	67	8.40	<10	3.47	1491	6	0.02	50	420	12	25	<20	109	0.05	<10	35	<10	4	83
99	31249	<0.2	0.76	2855	75	15	>10	28	49	26	51	8.73	<10	3.51	1602	6	0.01	47	320	22	25	<20	213	0.05	<10	26	<10	6	68
100	31250	<0.2	1.98	90	135	20	1.92	<1	33	990	70	3.86	<10	0.86	586	16	0.16	786	620	52	10	<20	53	0.15	<10	87	<10	9	38
101	31251	<0.2	1.39	130	65	20	>10	3	50	29	64	9.14	<10	3.10	1517	6	0.03	44	830	34	25	<20	85	0.05	<10	40	<10	4	101
102	31252	<0.2	0.54	115	70	<5	>10	2	46	31	62	9.08	<10	3.18	1582	6	0.03	39	780	12	15	<20	91	0.05	<10	39	<10	<1	98
103	31253	<0.2	0.39	105	80	25	>10	2	48	37	69	9.20	<10	3.31	1746	6	0.02	40	760	14	15	<20	144	0.05	<10	39	<10	7	79
104	31254	<0.2	4.43	60	40	10	>10	1	49	88	69	9.10	<10	3.25	1553	9	0.01	45	850	92	25	<20	105	0.06	<10	298	<10	5	97
105	31255	<0.2	2.59	30	90	5	>10	<1	49	76	65	8.63	<10	2.89	1612	6	0.02	44	870	58	15	<20	69	0.05	<10	270	<10	10	107

Et #.	Tag #	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
106	31256	<0.2	0.34	245	60	15	>10	3	43	29	57	8.14	<10	2.98	1493	6	0.02	37	620	10	30	<20	104	0.04	<10	42	<10	4	73
107	31257	<0.2	0.39	>10000	60	15	>10	104	49	28	42	8.92	<10	3.78	1863	4	0.02	49	500	10	25	<20	254	0.05	<10	40	<10	4	54
108	31258	<0.2	0.40	150	55	10	>10	4	47	40	57	8.65	<10	3.31	1589	6	0.05	57	680	8	40	<20	64	0.05	<10	38	<10	<1	85
109	31259	<0.2	0.43	395	55	20	>10	5	45	51	51	8.52	<10	3.31	1477	6	0.06	58	630	14	45	<20	87	0.05	<10	49	<10	5	88
110	31260	<0.2	1.94	85	115	15	1.83	<1	31	983	69	3.78	<10	0.84	573	16	0.15	781	610	48	<5	<20	52	0.14	<10	85	<10	7	37
111	31261	<0.2	0.80	215	50	25	>10	3	48	51	111	8.50	<10	3.08	1336	7	0.07	60	720	20	45	<20	66	0.04	<10	42	<10	2	75
112	31262	<0.2	0.91	115	55	25	>10	2	48	45	52	8.84	<10	3.34	1463	5	0.08	60	710	22	15	<20	46	0.05	<10	48	<10	3	87
113	31263	<0.2	0.94	80	60	15	>10	1	46	53	68	8.57	<10	3.25	1412	6	0.08	59	700	26	20	<20	46	0.05	<10	49	<10	6	85
114	31264	<0.2	0.63	115	60	25	>10	2	46	46	77	8.12	<10	3.17	1425	4	0.08	56	680	20	20	<20	51	0.05	<10	47	<10	9	80
115	31265	<0.2	0.49	125	55	25	>10	2	47	51	56	8.63	<10	3.53	1518	6	0.08	59	730	18	20	<20	54	0.05	<10	45	<10	5	84
116	31266	<0.2	0.70	170	60	15	>10	4	50	41	52	8.66	<10	3.27	1362	8	0.07	69	710	18	40	<20	62	0.04	<10	46	<10	5	92
117	31267	<0.2	1.39	9255	70	25	>10	90	48	50	45	9.32	<10	3.51	1930	6	0.02	60	410	34	35	<20	163	0.06	<10	36	<10	3	69
118	31268	0.2	0.82	235	75	20	>10	3	49	32	59	8.53	<10	3.34	1329	6	0.04	64	690	20	25	<20	100	0.05	<10	33	<10	4	80
119	31269	<0.2	0.27	1150	90	30	>10	13	44	51	63	7.86	<10	3.44	1323	5	0.03	64	530	14	15	<20	105	0.05	<10	28	<10	7	71
120	31270	2.0	0.31	405	60	15	0.37	3	13	33	63	3.66	<10	0.06	167	9	0.01	17	430	34	35	<20	12	0.02	<10	19	<10	13	109
121	31271	<0.2	0.31	255	60	25	>10	3	45	50	44	8.15	<10	3.55	1422	4	0.06	64	730	12	10	<20	74	0.05	<10	32	<10	6	65
122	31272	<0.2	1.31	160	50	10	>10	2	47	47	68	9.08	<10	3.43	1567	5	0.05	37	820	28	10	<20	63	0.05	<10	104	<10	1	80
123	31273	<0.2	2.24	135	45	15	>10	2	47	107	52	8.92	<10	3.48	1589	4	0.05	62	730	46	10	<20	58	0.05	<10	165	<10	<1	94
124	31274	<0.2	2.16	125	50	15	>10	2	49	101	54	9.22	<10	3.22	1767	5	0.04	52	760	46	5	<20	55	0.06	<10	244	<10	1	88
125	31275	<0.2	4.21	140	45	20	>10	<1	48	117	50	9.08	<10	2.96	1430	5	0.02	51	880	88	<5	<20	65	0.08	<10	364	<10	2	104
126	31276	<0.2	4.27	110	45	25	>10	<1	49	120	55	8.88	<10	3.10	1356	6	0.02	50	870	94	15	<20	63	0.07	<10	366	<10	3	91
127	31277	<0.2	4.57	125	55	20	>10	2	51	114	51	9.07	<10	3.50	1490	9	0.02	55	800	98	30	<20	71	0.07	<10	379	<10	6	98
128	31401	<0.2	2.34	120	60	30	>10	2	50	57	52	>10	<10	2.99	1866	7	0.02	41	790	54	15	<20	71	0.06	<10	215	<10	6	101
129	31402	<0.2	2.95	80	55	15	9.36	<1	52	59	58	>10	<10	3.17	1724	5	0.03	42	790	62	<5	<20	64	0.07	<10	309	<10	2	108
130	31403	<0.2	0.59	1580	75	25	>10	13	47	39	51	9.54	<10	2.97	1738	4	0.03	40	640	16	10	<20	130	0.06	<10	59	<10	2	71
131	31404	0.2	0.53	360	70	20	9.87	4	49	30	65	>10	<10	2.81	1650	5	0.03	39	750	14	<5	<20	81	0.06	<10	44	<10	<1	97
132	31405	0.6	0.27	9040	65	15	>10	76	41	45	43	8.25	<10	2.36	1404	4	0.01	29	610	10	10	<20	190	0.05	<10	31	<10	1	46
133	31406	<0.2	2.47	90	45	20	>10	1	50	63	59	9.59	<10	2.79	1621	4	0.03	41	740	54	<5	<20	77	0.06	<10	269	<10	<1	96
134	31407	<0.2	2.65	70	55	30	9.85	<1	49	63	49	9.84	<10	2.86	1618	5	0.03	42	770	56	<5	<20	64	0.06	<10	296	<10	4	103
135	31408	<0.2	2.84	65	40	20	>10	2	47	61	69	>10	<10	2.85	1563	6	0.03	38	760	54	<5	<20	76	0.06	<10	312	<10	<1	113
136	31409	<0.2	2.30	70	55	10	9.93	<1	48	51	75	>10	<10	2.93	1511	5	0.03	39	720	46	<5	<20	85	0.06	<10	227	<10	<1	116
137	31410	<0.2	1.98	95	130	10	1.86	<1	32	987	71	3.85	<10	0.83	583	13	0.16	783	620	48	<5	<20	55	0.16	<10	84	<10	7	37
138	31411	1.1	0.61	945	85	15	9.97	8	49	54	74	9.74	<10	2.50	1521	6	0.01	41	600	18	15	<20	162	0.05	<10	58	<10	3	68
139	31412	<0.2	2.87	60	40	20	9.99	<1	56	56	79	>10	<10	3.10	1796	4	0.02	42	800	58	<5	<20	72	0.06	<10	283	<10	2	112
140	31413	<0.2	3.23	70	55	25	9.26	<1	50	60	53	>10	<10	3.27	1756	5	0.02	41	830	68	<5	<20	69	0.07	<10	319	<10	6	115
141	31414	1.5	0.25	2125	80	25	6.01	18	54	25	73	>10	<10	2.98	1993	5	0.01	41	620	16	5	<20	187	0.06	<10	27	<10	<1	76
QC DATA:																													
Repeat:																													
1	31151	0.3	0.60	850	85	15	>10	11	46	33	78	7.96	<10	2.03	1583	4	0.02	45	240	10	10	<20	104	0.06	<10	38	<10	2	59
19	31169	0.4	0.04	760	15	<5	0.49	7	4	208	4	0.61	<10	0.09	85	<1	<0.01	6	80	4	<5	<20	13	<0.01	<10	5	<10	3	11
36	31186	<0.2	3.59	45	85	20	9.47	2	52	60	56	>10	<10	3.15	1644	9	0.01	45	800	66	10	<20	110	0.06	<10	306	<10	16	109

Et #.	Tag #	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
45	31195	0.3	0.28	1490	80	15	>10	20	48	50	44	8.10	<10	2.99	1404	9	0.01	60	360	16	35	<20	162	0.04	<10	33	<10	3	47
54	31204	0.5	0.26	880	80	20	>10	11	46	63	31	7.98	<10	2.93	1548	5	0.02	45	760	10	25	<20	218	0.05	<10	31	<10	4	59
71	31221	0.7	0.24	1165	90	20	>10	13	47	38	48	8.68	<10	3.17	1685	6	0.02	39	440	10	35	<20	181	0.05	<10	36	<10	2	74
89	31239	<0.2	4.55	45	200	20	>10	2	52	62	62	9.81	<10	3.21	1671	9	0.02	38	890	98	15	<20	85	0.10	<10	362	<10	13	112
106	31256	<0.2	0.36	245	70	10	>10	4	44	32	58	8.24	<10	3.04	1515	5	0.02	39	650	12	30	<20	115	0.05	<10	43	<10	8	74
115	31265	<0.2	0.49	135	50	15	>10	2	46	50	55	8.51	<10	3.45	1493	4	0.08	57	700	14	10	<20	52	0.05	<10	45	<10	3	84
124	31274	<0.2	2.26	150	45	20	>10	1	49	105	54	9.48	<10	3.34	1775	5	0.04	55	790	46	10	<20	54	0.06	<10	253	<10	2	89
141	31414	1.5	0.24	2100	75	25	6.32	18	53	25	69	>10	<10	2.96	1980	5	0.01	41	630	12	10	<20	168	0.06	<10	27	<10	<1	68
Resplit:																													
1	31151	0.4	0.64	875	85	20	>10	14	48	34	75	8.19	<10	2.02	1655	5	0.02	49	200	14	10	<20	106	0.05	<10	42	<10	2	67
36	31186	<0.2	3.47	50	80	20	9.81	2	52	65	59	>10	<10	3.08	1679	8	<0.01	48	820	70	20	<20	115	0.06	<10	306	<10	19	112
71	31221	0.7	0.24	1145	75	15	>10	12	48	36	46	8.70	<10	3.15	1715	4	0.02	38	470	6	35	<20	176	0.05	<10	36	<10	<1	74
106	31256	<0.2	0.38	250	70	15	>10	2	43	33	57	8.12	<10	3.01	1531	4	0.02	36	660	12	20	<20	112	0.05	<10	43	<10	5	73
141	31414	1.7	0.26	2205	80	20	5.96	17	54	29	70	>10	<10	2.89	1974	5	0.01	42	620	12	10	<20	158	0.06	<10	28	<10	<1	71
Standard:																													
Pb113		11.3	0.28	60	65	<5	1.78	41	3	6	2380	1.12	<10	0.12	1605	64	0.02	1	70	5332	20	<20	72	0.02	<10	10	<10	3	6901
Pb113		11.5	0.25	55	60	<5	1.87	41	4	6	2355	1.16	<10	0.13	1537	62	0.02	3	70	5400	25	<20	73	0.01	<10	12	<10	2	6922
Pb113		11.0	0.28	65	70	<5	1.93	42	4	7	2385	1.17	<10	0.14	1570	63	0.02	5	50	5316	15	<20	65	<0.01	<10	13	<10	4	7085
Pb113		11.6	0.28	65	70	<5	1.88	41	4	7	2337	1.16	<10	0.12	1543	60	0.02	5	60	5538	20	<20	69	<0.01	<10	14	<10	2	7008
Pb113		11.1	0.27	70	60	<5	1.91	43	4	6	2384	1.17	<10	0.10	1568	61	0.02	4	60	5550	15	<20	68	<0.01	<10	14	<10	1	7062

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

JJ/sa
dl/7092
XLS/07

17-Jul-07

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 2007- 7102

Cusac Gold Mines Ltd.
Ste. 1600-409 Granville St.
Vancouver, BC
V6C 1T2

No. of samples received: 166
Sample Type: Core
Project: Taurus
Shipment #:07-005
Submitted by: Lesley Hunt/Mike Glover

Values in ppm unless otherwise reported

Et #.	Tag #	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	G31415	1.5	0.07	2495	30	<5	0.98	<1	15	111	5	3.01	<10	0.19	141	<1	<0.01	15	150	4	<5	<20	20	0.02	<10	5	<10	<1	9
2	G31416	0.6	0.28	4205	65	5	9.56	4	37	25	42	7.85	<10	2.67	1472	3	0.01	33	520	8	15	<20	173	0.05	<10	22	<10	<1	50
3	G31417	<0.2	2.13	45	60	5	>10	1	39	54	48	8.03	<10	3.09	1453	4	0.02	37	480	28	15	<20	80	0.06	<10	155	<10	2	69
4	G31418	<0.2	2.66	30	50	15	>10	2	48	50	67	9.01	<10	3.02	1661	5	0.02	39	850	34	10	<20	99	0.07	<10	263	<10	5	79
5	G31419	<0.2	3.20	10	45	10	8.71	2	45	54	60	9.37	<10	3.02	1648	5	0.02	42	850	40	25	<20	82	0.07	<10	343	<10	3	88
6	G31420	<0.2	1.77	40	115	5	1.61	<1	27	893	65	3.39	<10	0.79	520	12	0.15	695	610	30	<5	<20	44	0.12	<10	74	<10	4	30
7	G31421	<0.2	1.73	50	80	<5	8.46	2	43	52	133	9.21	<10	2.72	1416	5	0.02	44	620	24	5	<20	86	0.06	<10	103	<10	<1	87
8	G31422	<0.2	1.77	30	50	10	9.27	2	47	30	69	9.30	<10	2.88	1505	5	0.04	41	760	24	15	<20	65	0.06	<10	107	<10	<1	91
9	G31423	0.2	0.50	455	65	10	>10	3	42	24	46	8.22	<10	2.82	1502	5	0.02	34	650	10	20	<20	143	0.05	<10	38	<10	4	61
10	G31424	0.8	0.26	2305	75	10	5.43	1	50	31	47	>10	<10	2.43	1293	5	0.01	48	380	8	10	<20	143	0.07	<10	26	<10	<1	42
11	G31425	<0.2	1.47	180	65	<5	>10	2	49	49	81	7.20	<10	2.85	1827	6	0.01	32	800	20	20	<20	129	0.05	<10	152	<10	11	94
12	G31426	<0.2	3.10	35	65	10	9.46	3	48	49	64	>10	<10	3.39	1659	6	0.02	40	800	38	15	<20	88	0.07	<10	267	<10	10	86
13	G31427	<0.2	2.75	40	90	10	>10	2	49	44	66	9.12	<10	3.26	1708	5	0.01	38	850	34	15	<20	103	0.07	<10	261	<10	13	84
14	G31428	<0.2	3.33	40	70	10	>10	2	48	58	49	>10	<10	3.69	1705	7	0.01	43	780	40	20	<20	93	0.07	<10	249	<10	2	87
15	G31429	2.7	0.93	415	70	5	9.84	6	40	50	88	6.52	<10	2.46	1385	5	0.01	35	690	16	30	<20	135	0.05	<10	72	<10	6	551
16	G31430	<0.2	1.79	35	120	<5	1.64	<1	28	889	65	3.42	<10	0.80	526	12	0.15	693	620	30	<5	<20	45	0.12	<10	75	<10	4	31
17	G31431	<0.2	1.99	195	70	10	>10	2	50	43	60	8.71	<10	3.34	1490	6	0.02	47	660	26	20	<20	84	0.06	<10	133	<10	2	69
18	G31432	0.3	0.47	350	60	10	>10	1	41	45	53	6.50	<10	3.19	1468	2	0.01	51	310	10	10	<20	160	0.05	<10	49	<10	6	52
19	G31433	0.4	0.31	1660	60	10	>10	<1	38	47	45	6.29	<10	2.87	1354	2	0.01	47	420	8	15	<20	160	0.05	<10	33	<10	5	47
20	G31434	0.2	0.42	3055	60	<5	>10	<1	39	39	49	5.22	<10	3.13	1411	2	0.01	56	320	10	15	<20	152	0.04	<10	39	<10	8	43
21	G31435	<0.2	2.59	35	40	<5	9.76	1	44	168	70	6.91	<10	4.12	1352	4	0.04	68	440	32	15	<20	63	0.05	<10	150	<10	2	59
22	G31436	<0.2	1.61	45	45	<5	9.67	3	45	98	52	7.82	<10	3.60	1468	7	0.04	58	490	22	30	<20	69	0.05	<10	90	<10	3	67
23	G31437	<0.2	0.57	85	65	10	8.51	2	48	27	157	9.47	<10	2.77	1544	4	0.04	38	860	10	55	<20	73	0.06	<10	45	<10	<1	87
24	G31438	0.9	0.31	9660	70	5	8.54	<1	45	36	126	8.82	<10	2.33	1383	2	0.01	35	910	8	15	<20	161	0.06	<10	33	<10	1	43
25	G31439	<0.2	0.72	60	70	10	8.56	3	42	14	28	>10	<10	2.41	1659	6	0.03	29	1020	12	10	<20	78	0.07	<10	40	<10	<1	95

Et #.	Tag #	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
26	G31440	0.5	0.54	165	45	<5	0.24	<1	21	643	73	2.86	<10	0.11	187	10	0.01	512	300	14	<5	<20	4	0.02	<10	21	<10	4	38
27	G31441	0.6	0.56	5975	90	10	8.51	<1	48	21	41	>10	<10	2.43	1636	6	0.02	38	1040	12	10	<20	140	0.08	<10	35	<10	<1	65
28	G31442	<0.2	2.49	30	40	15	4.83	<1	33	127	86	3.55	<10	1.83	690	1	0.03	51	370	40	10	<20	26	0.22	<10	79	<10	<1	38
29	G31443	<0.2	0.54	115	50	15	9.01	2	41	17	29	>10	<10	2.27	1450	4	0.05	27	1000	10	10	<20	67	0.07	<10	51	<10	<1	96
30	G31444	<0.2	0.91	585	70	20	8.61	2	57	23	19	>10	<10	2.36	1859	5	0.05	43	990	16	<5	<20	72	0.08	<10	71	<10	<1	125
31	G31445	0.2	0.31	>10000	70	15	6.25	<1	54	43	9	>10	<10	2.19	1481	4	0.01	39	1920	12	15	<20	171	0.07	<10	36	<10	3	39
32	G31446	0.4	0.28	5300	75	20	6.40	<1	48	29	28	>10	<10	2.46	1580	3	0.01	36	950	10	<5	<20	157	0.07	<10	33	<10	<1	48
33	G31447	<0.2	0.34	1830	60	5	9.72	2	41	29	22	8.18	<10	2.92	1511	8	0.02	48	640	8	35	<20	137	0.04	<10	35	<10	<1	56
34	G31448	<0.2	0.38	295	55	<5	>10	2	43	25	49	8.04	<10	3.01	1506	3	0.02	43	620	8	20	<20	68	0.05	<10	33	<10	<1	72
35	G31449	<0.2	0.47	530	55	<5	>10	1	42	24	48	7.83	<10	2.95	1466	4	0.02	42	630	10	25	<20	72	0.05	<10	32	<10	2	69
36	G31450	2.2	0.29	325	40	<5	0.32	<1	11	30	56	3.36	<10	0.04	150	7	0.01	14	430	24	15	<20	5	0.02	<10	16	<10	5	96
37	G32001	<0.2	0.50	90	50	<5	9.64	1	43	29	62	8.24	<10	2.96	1463	3	0.04	42	640	10	15	<20	51	0.06	<10	40	<10	<1	81
38	G32002	<0.2	0.48	210	55	<5	8.96	1	45	39	244	8.05	<10	2.10	2084	3	0.03	49	580	8	10	<20	53	0.06	<10	41	<10	<1	93
39	G32003	<0.2	0.44	150	55	<5	>10	1	42	26	58	8.08	<10	3.28	1487	3	0.05	40	740	8	10	<20	65	0.06	<10	40	<10	2	65
40	G32004	<0.2	0.61	100	50	<5	>10	1	43	28	56	8.11	<10	2.99	1420	4	0.07	41	810	12	15	<20	64	0.06	<10	47	<10	5	69
41	G32005	<0.2	0.41	65	45	10	>10	2	36	46	61	7.19	<10	2.71	1332	2	0.07	31	1230	10	10	<20	64	0.05	<10	45	<10	10	46
42	G32006	<0.2	2.37	25	40	10	9.15	1	45	43	56	9.24	<10	3.23	1690	4	0.04	33	830	32	10	<20	52	0.07	<10	217	<10	<1	92
43	G32007	<0.2	4.28	15	45	10	8.87	3	46	52	66	9.47	<10	3.36	1591	10	0.02	36	890	56	30	<20	60	0.09	<10	363	<10	<1	94
44	G32008	<0.2	3.28	50	45	10	9.46	2	46	46	54	9.42	<10	3.28	1623	7	0.03	35	870	46	20	<20	49	0.07	<10	278	<10	<1	91
45	G32009	<0.2	1.76	220	65	5	>10	2	47	28	54	9.61	<10	3.20	1580	5	0.03	34	870	28	25	<20	86	0.07	<10	112	<10	<1	92
46	G32010	<0.2	1.82	45	115	<5	1.68	<1	28	887	65	3.44	<10	0.80	526	14	0.16	692	630	36	<5	<20	48	0.13	<10	75	<10	6	32
47	G32011	2.2	0.54	>10000	70	5	7.07	8	45	38	36	9.37	<10	2.45	1215	4	0.02	32	420	14	20	<20	158	0.06	<10	23	<10	<1	39
48	G32012	0.3	0.95	720	60	10	9.80	2	47	14	54	9.33	<10	3.04	1497	5	0.02	34	870	18	25	<20	104	0.06	<10	30	<10	<1	80
49	G32013	<0.2	1.14	>10000	60	5	>10	2	48	26	72	9.56	<10	2.76	1387	3	0.02	33	620	20	25	<20	137	0.06	<10	24	<10	<1	97
50	G32014	<0.2	1.27	130	55	10	>10	2	45	14	60	9.11	<10	2.99	1549	4	0.04	33	840	20	25	<20	82	0.06	<10	35	<10	<1	82
51	G32015	<0.2	1.49	45	45	15	9.65	2	44	40	58	9.09	<10	3.13	1458	5	0.05	33	850	24	10	<20	47	0.06	<10	109	<10	<1	86
52	G32016	<0.2	2.97	80	55	5	9.42	2	47	39	57	9.76	<10	3.42	1576	7	0.03	35	820	42	20	<20	54	0.06	<10	220	<10	<1	91
53	G32017	<0.2	2.73	150	45	10	8.84	2	48	44	75	9.14	<10	3.20	1545	6	0.02	36	840	40	20	<20	52	0.06	<10	227	<10	<1	89
54	G32018	<0.2	0.82	405	60	10	>10	1	44	32	64	7.22	<10	2.85	1563	3	0.02	34	560	16	10	<20	107	0.05	<10	72	<10	4	55
55	G32019	<0.2	3.05	20	40	10	>10	2	47	67	71	8.12	<10	3.63	1753	6	0.02	40	520	42	25	<20	103	0.07	<10	277	<10	5	75
56	G32020	0.7	0.58	180	50	<5	0.27	<1	23	691	77	2.99	<10	0.12	199	10	0.01	554	330	16	<5	<20	5	0.02	<10	23	<10	4	40
57	G32021	<0.2	4.06	25	40	10	9.71	<1	47	68	54	8.77	<10	3.77	1646	6	0.02	39	710	58	20	<20	119	0.10	<10	352	<10	<1	81
58	G32022	<0.2	3.76	15	40	5	9.44	2	43	49	97	7.93	<10	3.09	1497	5	0.01	37	710	54	20	<20	85	0.08	<10	311	<10	<1	83
59	G32023	<0.2	3.95	15	35	10	9.85	1	46	51	60	8.73	<10	3.31	1624	5	0.02	32	910	52	10	<20	79	0.09	<10	356	<10	<1	86
60	G32024	<0.2	4.36	15	40	10	8.95	1	45	51	55	8.99	<10	3.27	1488	5	0.02	33	860	62	10	<20	73	0.11	<10	367	<10	<1	90
61	G32025	<0.2	4.19	45	45	<5	9.68	1	45	50	54	9.08	<10	3.36	1527	6	0.02	34	890	58	15	<20	61	0.10	<10	354	<10	<1	89
62	G32026	<0.2	2.97	55	40	10	9.31	2	46	45	63	9.25	<10	3.37	1641	6	0.03	34	860	42	15	<20	61	0.06	<10	267	<10	<1	91
63	G32027	<0.2	2.85	65	40	10	9.35	2	46	47	57	9.07	<10	3.33	1650	6	0.03	34	870	44	15	<20	62	0.07	<10	291	<10	<1	89
64	G32028	<0.2	1.08	2475	60	<5	>10	6	45	23	58	8.75	<10	2.97	1572	7	0.03	35	640	18	45	<20	102	0.05	<10	49	<10	<1	76
65	G32029	<0.2	0.92	155	55	10	8.96	3	46	18	57	9.17	<10	3.11	1521	5	0.03	36	840	16	25	<20	80	0.06	<10	42	<10	<1	90

Et #.	Tag #	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
66	G32030	2.2	0.28	310	40	<5	0.33	<1	11	29	57	3.32	<10	0.05	150	7	0.01	14	440	26	25	<20	4	0.02	<10	16	<10	6	93
67	G32031	<0.2	0.41	100	80	15	9.78	3	45	24	31	8.78	<10	3.40	1736	6	0.02	33	630	10	25	<20	114	0.06	<10	39	10	<1	362
68	G32032	<0.2	0.26	195	65	15	>10	3	44	23	35	8.84	<10	3.01	1583	4	0.02	33	700	8	20	<20	136	0.06	<10	30	<10	3	64
69	G32033	0.2	0.71	9585	60	15	>10	35	40	37	39	8.46	<10	2.86	1427	4	0.02	28	560	16	25	<20	167	0.06	<10	27	<10	3	56
70	G32034	0.2	0.56	>10000	60	15	>10	35	42	34	31	8.71	<10	2.95	1571	4	0.02	30	590	16	25	<20	209	0.06	<10	27	<10	4	53
71	G32035	<0.2	3.84	55	40	15	9.94	1	48	53	60	9.58	<10	3.30	1506	5	0.02	33	970	64	5	<20	76	0.08	<10	293	<10	10	96
72	G32036	<0.2	0.57	90	55	5	9.55	3	46	31	52	8.82	<10	3.25	1457	3	0.05	38	790	14	15	<20	80	0.06	<10	44	<10	3	76
73	G32037	0.3	0.70	3595	60	10	>10	11	45	33	33	8.83	<10	3.37	1613	4	0.02	41	430	16	30	<20	181	0.06	<10	36	<10	4	58
74	G32038	<0.2	0.89	1130	55	<5	>10	4	44	40	47	8.37	<10	3.09	1641	6	0.02	41	730	20	40	<20	88	0.05	<10	103	<10	7	62
75	G32039	<0.2	0.53	55	50	10	>10	2	24	59	14	6.41	<10	2.72	1701	3	0.04	28	440	12	20	<20	82	0.05	<10	112	<10	23	44
76	G32040	<0.2	1.89	65	115	10	1.72	<1	29	920	68	3.56	<10	0.83	542	14	0.16	720	720	40	5	<20	48	0.14	<10	78	<10	8	33
77	G32041	<0.2	1.02	55	45	5	>10	<1	41	57	63	6.23	<10	2.31	1396	2	0.04	37	880	20	15	<20	64	0.05	<10	187	<10	23	85
78	G32042	<0.2	3.67	40	60	10	>10	<1	47	72	63	8.39	<10	2.79	1493	6	0.02	41	1010	64	15	<20	115	0.08	<10	315	<10	15	83
79	G32043	<0.2	1.56	30	80	10	>10	1	44	62	60	8.56	<10	2.38	1731	3	0.02	38	870	26	5	<20	83	0.07	<10	277	<10	10	85
80	G32044	<0.2	1.04	65	45	<5	>10	<1	28	113	86	5.86	<10	2.70	2681	2	0.01	19	710	20	15	<20	87	0.06	<10	143	<10	19	68
81	G32045	<0.2	2.55	70	50	<5	9.72	1	46	59	72	8.97	<10	3.09	1415	4	0.02	42	880	42	10	<20	63	0.07	<10	206	<10	3	88
82	G32046	<0.2	2.58	70	40	10	9.94	2	47	58	57	8.57	<10	3.24	1417	6	0.02	39	890	42	20	<20	50	0.06	<10	218	<10	6	90
83	G32047	<0.2	1.57	145	50	10	>10	1	45	45	54	8.39	<10	3.10	1829	5	0.02	39	860	28	20	<20	67	0.06	<10	158	<10	4	87
84	G32048	<0.2	0.56	365	65	20	>10	3	47	23	6	9.27	<10	3.82	2055	5	0.03	43	1950	14	15	<20	136	0.07	<10	44	<10	10	49
85	G32049	<0.2	1.04	110	75	15	9.79	2	52	42	35	9.65	<10	3.08	1662	7	0.02	47	790	26	25	<20	67	0.06	<10	135	<10	5	72
86	G32050	0.7	0.57	200	50	5	0.26	<1	23	662	77	2.98	<10	0.12	194	10	0.01	533	340	20	<5	<20	10	0.02	<10	23	<10	7	41
87	G31351	<0.2	1.22	110	50	10	>10	1	43	100	49	7.92	<10	2.74	1594	4	0.02	51	700	38	20	<20	54	0.06	<10	190	<10	10	77
88	G31352	<0.2	4.07	85	40	20	>10	<1	48	162	62	9.07	<10	3.95	1501	7	0.02	62	820	68	25	<20	46	0.10	<10	273	<10	7	79
89	G31353	<0.2	3.61	65	40	25	6.95	1	47	169	79	7.24	<10	3.30	1169	5	0.02	55	780	64	25	<20	30	0.27	<10	261	<10	15	68
90	G31354	<0.2	2.81	40	40	20	3.83	<1	49	140	81	6.17	<10	2.40	1041	3	0.05	49	960	52	15	<20	24	0.33	<10	186	<10	15	64
91	G31278	<0.2	4.34	140	70	15	6.81	1	48	36	50	>10	<10	3.13	1795	6	0.02	31	1040	72	10	<20	41	0.12	<10	410	<10	<1	111
92	G31279	<0.2	4.35	90	45	10	>10	2	47	42	51	9.56	<10	3.30	1505	7	0.02	33	830	66	20	<20	70	0.10	<10	393	<10	3	93
93	G31280	2.3	0.30	335	40	<5	0.35	1	12	31	60	3.51	<10	0.05	158	8	0.01	15	480	28	20	<20	8	0.03	<10	17	<10	8	98
94	G31281	<0.2	4.15	55	45	20	>10	1	51	94	82	8.28	<10	3.98	1607	5	0.02	45	600	68	25	<20	69	0.25	<10	300	<10	22	80
95	G31282	<0.2	2.68	45	120	15	3.88	<1	42	92	75	5.81	<10	2.63	1083	2	0.04	38	620	52	15	<20	37	0.30	<10	179	<10	17	59
96	G31283	<0.2	3.33	45	40	20	6.98	1	49	82	70	7.26	<10	3.25	1384	8	0.03	44	710	58	45	<20	43	0.36	<10	248	<10	13	75
97	G31284	<0.2	2.68	40	90	30	3.08	<1	51	62	69	6.65	<10	2.31	1257	2	0.05	37	1010	56	20	<20	19	0.54	<10	200	<10	<1	78
98	G31285	<0.2	3.08	35	75	25	3.94	<1	54	62	80	7.62	<10	2.71	1315	4	0.03	40	990	58	20	<20	21	0.49	<10	242	<10	<1	86
99	G31286	<0.2	3.89	30	45	30	9.02	<1	48	91	63	7.97	<10	3.64	1454	5	0.03	42	630	70	25	<20	74	0.22	<10	298	<10	18	76
100	G31287	<0.2	2.17	65	50	5	9.97	2	48	84	64	7.79	<10	3.86	1467	5	0.03	45	540	38	15	<20	88	0.06	<10	217	<10	7	73
101	G31288	0.2	0.19	2000	65	15	>10	15	46	30	34	7.84	<10	3.56	1545	4	0.01	44	280	12	25	<20	264	0.06	<10	21	<10	7	40
102	G31289	0.7	0.25	6135	75	15	9.32	31	54	36	49	9.69	<10	2.88	1481	4	0.02	40	610	8	15	<20	198	0.06	<10	27	<10	<1	50
103	G31290	0.6	0.56	185	40	<5	0.25	<1	22	666	76	2.97	<10	0.11	192	11	0.01	540	340	16	<5	<20	4	0.02	<10	22	<10	5	41
104	G31291	0.7	0.23	2130	70	<5	8.48	12	42	48	126	8.55	<10	2.26	1238	4	0.01	38	630	8	15	<20	169	0.05	<10	25	<10	<1	56
105	G31292	<0.2	0.72	50	60	10	8.63	2	46	35	55	9.87	<10	2.68	1439	3	0.03	37	910	16	10	<20	55	0.07	<10	69	<10	<1	98

Et #.	Tag #	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
106	G31293	2.0	0.23	>10000	70	15	9.11	87	43	41	72	8.53	<10	2.46	1411	4	0.02	35	750	10	30	<20	187	0.06	<10	25	<10	1	51
107	G31294	<0.2	1.46	200	60	10	9.33	2	49	41	49	9.81	<10	2.72	1410	5	0.02	39	820	26	15	<20	54	0.06	<10	116	<10	<1	96
108	G31295	<0.2	0.91	35	55	5	9.34	2	42	35	89	9.61	<10	2.54	1511	5	0.03	31	820	18	10	<20	53	0.06	<10	89	<10	<1	89
109	G31296	0.4	0.29	4880	70	20	8.73	38	41	40	40	9.05	<10	2.29	1294	4	0.01	37	590	12	25	<20	138	0.06	<10	25	<10	<1	55
110	G31297	<0.2	1.29	55	60	15	9.54	2	47	41	45	9.48	<10	2.71	1496	6	0.02	42	830	26	10	<20	68	0.06	<10	104	<10	1	87
111	G31298	<0.2	0.41	3410	70	<5	>10	23	46	36	29	8.22	<10	2.67	1553	4	0.02	39	720	12	15	<20	168	0.06	<10	28	<10	3	45
112	G31299	<0.2	2.35	55	55	<5	9.37	<1	46	47	55	9.66	<10	2.90	1528	2	0.02	37	840	36	<5	<20	60	0.07	<10	186	<10	<1	93
113	G31300	<0.2	1.91	55	120	10	1.73	<1	29	932	68	3.58	<10	0.84	542	14	0.16	731	700	40	<5	<20	45	0.15	<10	78	<10	7	33
114	G31301	1.2	0.35	9675	80	15	6.79	73	52	61	28	>10	<10	2.12	1283	5	0.01	50	740	12	20	<20	164	0.07	<10	28	<10	<1	40
115	G31302	<0.2	0.71	195	75	15	>10	2	48	29	49	9.45	<10	2.77	1510	4	0.02	39	820	16	10	<20	87	0.06	<10	61	<10	<1	84
116	G31303	<0.2	2.04	80	65	10	>10	3	44	66	63	8.66	<10	3.35	1588	7	0.02	48	670	36	25	<20	76	0.06	<10	195	<10	<1	82
117	G31304	<0.2	0.55	120	75	10	>10	2	48	26	40	7.36	<10	4.16	2127	3	0.02	43	700	12	25	<20	155	0.06	<10	61	<10	8	51
118	G31305	2.5	0.31	4775	80	15	8.20	41	52	53	103	>10	<10	2.63	1373	4	0.01	45	630	14	15	<20	182	0.07	<10	30	<10	<1	73
119	G31306	0.4	0.20	2995	60	10	9.10	29	34	75	30	5.71	<10	2.60	1174	4	0.01	34	340	14	25	<20	209	0.04	<10	21	<10	9	33
120	G31307	0.4	0.05	1070	15	<5	1.73	9	7	204	6	1.67	<10	0.41	236	2	<0.01	9	10	6	<5	<20	37	0.01	<10	7	<10	<1	155
121	G31308	<0.2	1.31	155	75	15	>10	3	51	50	60	7.75	<10	3.08	1795	4	0.02	48	740	28	20	<20	134	0.06	<10	131	<10	5	67
122	G31309	<0.2	3.07	140	65	10	>10	2	51	58	63	>10	<10	3.28	1720	6	0.02	50	870	50	20	<20	88	0.07	<10	293	<10	4	100
123	G31310	0.7	0.62	210	40	<5	0.29	<1	24	704	83	3.15	<10	0.14	207	12	0.01	569	370	20	10	<20	5	0.02	<10	25	<10	6	42
124	G31311	<0.2	3.79	80	55	10	8.27	2	55	68	98	>10	<10	3.41	1599	6	0.02	45	1010	66	5	<20	59	0.08	<10	348	<10	2	115
125	G31312	<0.2	2.67	120	125	10	>10	2	70	49	35	>10	<10	3.28	1780	5	0.02	70	1030	44	10	<20	86	0.07	<10	228	<10	2	99
126	G31313	0.4	0.35	7105	75	15	6.97	67	48	46	29	>10	<10	2.51	1467	6	0.01	40	1160	12	15	<20	161	0.07	<10	39	<10	<1	43
127	G31314	<0.2	0.83	575	70	15	>10	7	49	47	52	9.76	<10	2.37	1895	8	0.01	40	830	20	30	<20	72	0.06	<10	228	<10	2	99
128	G31315	<0.2	0.58	205	80	<5	>10	3	49	37	52	9.97	<10	2.78	1887	4	0.01	37	930	12	15	<20	98	0.07	<10	141	<10	1	87
129	G31316	0.3	0.29	3300	90	<5	>10	28	44	24	35	>10	<10	3.09	1739	5	0.02	39	770	10	25	<20	176	0.07	<10	37	<10	<1	58
130	G31317	0.3	0.17	>10000	70	<5	6.76	85	54	124	10	6.08	<10	1.64	877	3	0.01	56	160	10	10	<20	145	0.04	<10	19	<10	<1	24
131	G31318	0.9	0.49	2005	75	5	7.11	38	49	46	68	9.74	<10	3.06	1554	5	0.03	41	670	12	15	<20	86	0.06	<10	60	<10	<1	87
132	G31319	<0.2	0.37	320	70	<5	>10	4	42	44	42	7.55	<10	3.79	1558	4	0.02	56	430	6	15	<20	136	0.05	<10	46	<10	<1	54
133	G31320	<0.2	1.95	60	120	10	1.72	<1	29	933	70	3.61	<10	0.87	545	13	0.16	727	690	38	<5	<20	48	0.16	<10	80	<10	10	32
134	G31321	<0.2	0.94	100	60	5	>10	2	43	67	67	7.31	<10	3.78	1520	4	0.04	65	350	18	30	<20	80	0.05	<10	79	<10	8	59
135	G31322	<0.2	1.45	35	55	10	>10	3	46	93	54	8.35	<10	3.94	1625	5	0.05	61	500	26	15	<20	52	0.06	<10	101	<10	9	68
136	G31323	<0.2	0.46	65	75	10	9.59	3	59	44	203	>10	<10	3.28	1341	5	0.08	47	690	10	20	<20	41	0.06	<10	65	<10	<1	73
137	G31324	<0.2	1.00	80	65	10	>10	2	45	48	54	8.69	<10	3.65	1406	4	0.07	55	580	18	30	<20	73	0.06	<10	50	<10	<1	75
138	G31325	<0.2	0.44	1330	75	<5	9.33	15	45	50	76	8.06	<10	3.62	1309	7	0.04	48	630	8	35	<20	93	0.05	<10	46	<10	<1	72
139	G31326	<0.2	0.35	1050	85	10	9.81	13	53	48	98	8.54	<10	3.57	1252	5	0.02	61	550	8	25	<20	152	0.05	<10	37	<10	<1	54
140	G31327	<0.2	0.39	100	75	<5	9.98	3	48	39	73	8.08	<10	3.62	1209	4	0.03	45	620	10	25	<20	81	0.05	<10	37	<10	<1	71
141	G31328	<0.2	0.52	105	60	10	>10	2	53	41	53	8.70	<10	3.95	1463	4	0.03	54	550	12	25	<20	69	0.06	<10	50	<10	<1	83
142	G31329	<0.2	0.78	75	55	10	>10	3	47	47	56	8.19	<10	3.51	1268	6	0.05	44	560	14	20	<20	57	0.05	<10	52	<10	<1	75
143	G31330	2.3	0.31	315	40	<5	0.36	4	12	31	63	3.57	<10	0.06	161	8	0.01	15	480	26	25	<20	5	0.02	<10	17	<10	8	100
144	G31331	<0.2	0.51	755	70	10	>10	11	45	38	56	8.22	<10	3.53	1272	4	0.04	43	530	12	20	<20	81	0.05	<10	42	<10	<1	71
145	G31332	0.2	0.38	1035	70	10	>10	14	42	37	95	7.95	<10	3.51	1346	5	0.03	49	490	10	40	<20	95	0.05	<10	32	<10	<1	70

Et #.	Tag #	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
146	G31333	0.2	0.36	125	75	10	>10	4	44	47	60	7.76	<10	3.46	1307	5	0.03	47	510	10	35	<20	114	0.05	<10	33	<10	<1	95
147	G31334	5.1	0.28	4575	95	<5	>10	50	46	47	210	8.27	<10	3.25	1296	4	0.02	52	370	10	70	<20	217	0.06	<10	29	<10	<1	69
148	G31335	0.6	0.29	2980	95	15	>10	39	45	46	50	7.79	<10	3.34	1309	6	0.02	48	430	8	40	<20	166	0.05	<10	31	<10	1	60
149	G31336	0.7	0.32	3545	85	30	>10	49	52	33	61	9.66	<10	3.35	1461	5	0.02	38	830	12	15	<20	216	0.07	<10	34	<10	6	56
150	G31337	1.2	0.27	2205	100	10	7.11	28	50	40	47	>10	<10	3.02	1374	5	0.02	36	610	10	15	<20	173	0.07	<10	32	<10	<1	48
151	G31338	<0.2	0.47	110	80	20	>10	3	47	26	63	9.44	<10	3.47	1614	4	0.03	34	880	10	15	<20	91	0.06	<10	52	<10	1	83
152	G31339	<0.2	1.84	60	90	20	>10	3	47	46	61	9.45	<10	3.53	1511	6	0.03	34	830	30	15	<20	70	0.06	<10	143	<10	4	91
153	G31340	0.7	0.62	215	50	<5	0.29	<1	24	710	84	3.15	<10	0.14	205	13	0.01	570	370	18	15	<20	6	0.02	20	25	<10	4	41
154	G31341	<0.2	3.03	45	60	10	>10	<1	50	70	82	9.19	<10	3.95	1605	5	0.03	42	680	50	20	<20	72	0.07	<10	278	<10	10	89
155	G31342	<0.2	2.87	15	60	15	>10	2	45	58	57	8.70	<10	3.41	1660	5	0.02	35	640	46	10	<20	102	0.07	<10	275	<10	6	85
156	G31343	<0.2	3.87	50	85	15	>10	2	52	47	67	9.97	<10	3.56	1674	7	0.02	38	1030	60	10	<20	77	0.08	<10	350	<10	8	93
157	G31344	0.4	0.57	1255	80	20	>10	20	49	33	49	9.35	<10	3.32	1755	8	0.02	36	2630	16	40	<20	213	0.05	130	72	<10	13	67
158	G31345	0.8	0.46	910	75	<5	9.52	13	42	22	63	8.56	<10	3.36	1572	4	0.02	25	690	6	10	<20	130	0.06	<10	35	<10	2	63
159	G31346	0.3	2.00	155	80	<5	>10	5	54	43	135	5.57	210	1.88	697	7	0.02	55	5460	28	25	<20	554	0.03	<10	193	<10	15	80
160	G31347	0.2	0.06	615	30	<5	0.91	8	7	138	7	1.76	<10	0.24	139	<1	<0.01	8	60	2	<5	<20	19	0.01	<10	5	<10	<1	4
161	G31348	1.1	0.54	6045	90	20	8.30	91	46	29	52	9.75	<10	3.47	1499	6	0.01	35	540	6	30	<20	221	0.06	<10	38	<10	2	53
162	G31349	<0.2	0.45	1240	105	20	8.90	20	46	31	47	8.78	<10	3.46	1504	5	0.02	36	680	6	20	<20	144	0.06	<10	40	<10	4	54
163	G31350	0.7	0.57	125	50	<5	0.24	1	20	642	83	2.79	<10	0.13	185	10	0.01	494	290	10	<5	<20	4	0.02	<10	21	<10	4	32
164	G32101	<0.2	0.59	245	95	10	8.97	6	44	38	94	8.36	<10	3.71	1582	5	0.02	49	680	6	15	<20	101	0.06	<10	42	<10	3	73
165	G32102	0.4	0.37	1630	95	10	9.85	21	40	47	44	8.02	<10	3.33	1401	4	0.01	43	450	8	15	<20	200	0.06	<10	34	<10	1	47
166	G32103	0.4	0.39	85	95	5	8.64	4	42	35	53	8.26	<10	3.62	1428	5	0.02	35	640	6	15	<20	91	0.06	<10	44	<10	1	58
QC DATA:																													
Repeat:																													
1	G31415	1.6	0.07	2560	30	5	1.00	<1	16	113	5	3.08	<10	0.20	145	<1	<0.01	14	160	4	<5	<20	19	0.02	<10	5	<10	<1	8
10	G31424	0.8	0.25	2300	75	15	5.63	2	50	31	46	>10	<10	2.39	1278	5	0.01	49	380	10	15	<20	153	0.07	<10	26	<10	<1	40
19	G31433	0.3	0.30	1710	60	<5	>10	<1	39	47	45	6.40	<10	2.89	1370	3	0.01	50	430	8	20	<20	162	0.05	<10	33	<10	5	45
36	G31450	2.2	0.28	315	40	<5	0.33	<1	11	29	56	3.32	<10	0.05	150	7	0.01	14	430	24	20	<20	7	0.02	<10	16	<10	6	93
45	G32009	<0.2	1.66	195	55	10	>10	4	46	27	51	9.27	<10	3.08	1506	9	0.02	37	830	24	40	<20	81	0.05	<10	107	<10	<1	87
54	G32018	<0.2	0.81	405	60	15	>10	2	43	32	65	7.26	<10	2.85	1567	3	0.02	35	590	16	15	<20	107	0.06	<10	72	<10	4	54
71	G32035	<0.2	3.95	50	45	10	>10	1	49	54	62	9.68	<10	3.40	1523	5	0.02	35	950	64	15	<20	79	0.08	<10	299	<10	9	96
80	G32044	<0.2	1.05	60	40	<5	>10	1	28	117	85	5.92	<10	2.72	2700	4	0.01	22	700	20	20	<20	86	0.06	<10	144	<10	18	67
89	G31353	<0.2	3.97	60	45	25	7.01	<1	51	185	79	7.68	<10	3.61	1258	4	0.03	59	760	68	20	<20	30	0.35	<10	275	<10	12	75
106	G31293	2.1	0.25	>10000	75	20	9.15	103	48	43	74	8.84	<10	2.60	1465	3	0.02	38	780	12	30	<20	203	0.06	<10	26	<10	2	52
115	G31302	<0.2	0.73	180	80	10	>10	3	41	31	50	9.35	<10	2.77	1489	3	0.02	39	830	16	10	<20	91	0.07	<10	62	<10	<1	80
124	G31311	<0.2	4.02	65	70	20	8.78	1	64	73	100	>10	<10	3.62	1715	4	0.02	48	1050	60	<5	<20	63	0.09	<10	384	<10	<1	122
141	G31328	<0.2	0.55	110	65	10	>10	3	52	43	55	8.78	<10	4.02	1481	5	0.03	55	560	12	15	<20	74	0.06	<10	51	<10	<1	84
150	G31337	0.9	0.27	2085	100	20	6.95	34	47	37	48	>10	<10	3.04	1264	8	0.02	36	570	10	25	<20	161	0.05	<10	30	<10	<1	38
Resplit:																													
1	G31415	1.2	0.09	2435	25	<5	1.07	<1	17	120	5	3.26	<10	0.25	163	<1	<0.01	19	160	6	<5	<20	19	0.02	<10	8	<10	<1	6
37	G31450	<0.2	0.47	100	50	10	9.53	3	44	29	59	8.15	<10	2.87	1434	4	0.03	43	680	14	20	<20	48	0.05	<10	39	<10	3	74
71	G32035	<0.2	3.82	65	40	10	9.98	1	48	52	60	9.49	<10	3.30	1492	6	0.02	35	940	66	15	<20	77	0.07	<10	290	<10	8	95
106	G31293	2.2	0.26	>10000	80	20	9.28	134	48	50	92	9.28	<10	2.74	1490	4	0.02	41	760	12	45	<20	219	0.07	<10	27	<10	1	53
141	G31328	<0.2	0.56	120	75	15	>10	5	47	42	53	8.20	<10	4.14	1382	6	0.03	51	520	8	25	<20	74	0.06	<10	49	<10	2	74

150

Et #.	Tag #	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:																													
Pb113		10.8	0.26	65	65	<5	1.59	38	3	6	2283	1.06	<10	0.10	1518	61	0.02	1	70	5550	10	<20	69	0.02	<10	7	<10	<1	6976
Pb113		11.6	0.26	60	70	<5	1.66	41	3	6	2318	1.08	<10	0.10	1542	64	0.02	2	60	5456	15	<20	67	0.02	<10	8	<10	<1	6907
Pb113		11.2	0.28	60	65	<5	1.74	42	3	5	2383	1.12	<10	0.12	1577	59	0.02	3	60	5426	10	<20	76	0.01	<10	9	<10	<1	6917
Pb113		10.4	0.28	55	60	<5	1.75	44	3	6	2349	1.12	<10	0.12	1579	58	0.02	2	70	5594	15	<20	73	0.01	<10	9	<10	<1	7085
Pb113		11.0	0.28	55	65	<5	1.68	42	2	5	2234	1.05	<10	0.13	1519	62	0.02	3	80	5538	10	<20	63	<0.01	<10	8	<10	<1	7094

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

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23-Jul-07

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 2007- 7124

Cusac Gold Mines Ltd.
Ste. 1600-409 Granville St.
Vancouver, BC
V6C 1T2

No. of samples received: 162
Sample Type: Core
Project: Taurus
Shipment #:07-006
Submitted by: Lesley Hunt/Mike Glover

Values in ppm unless otherwise reported

Et #.	Tag #	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	G32104	0.8	0.44	1520	70	5	5.98	8	35	26	133	7.56	<10	3.32	1421	6	0.02	37	830	6	20	<20	176	0.06	<10	40	<10	<1	62
2	G32105	5.4	0.30	4155	50	<5	6.17	18	23	59	160	4.98	<10	2.64	1128	3	0.01	23	260	8	90	<20	287	0.05	<10	25	<10	2	76
3	G32106	1.0	0.37	1010	95	10	5.85	7	38	18	58	9.28	<10	3.85	1456	8	0.02	41	600	4	15	<20	214	0.07	<10	43	<10	<1	139
4	G32107	1.3	0.29	860	75	25	6.25	7	34	19	47	7.69	<10	3.39	1321	6	0.02	37	530	6	25	<20	304	0.06	<10	32	<10	<1	70
5	G32108	0.8	0.35	235	65	<5	5.20	3	27	51	45	6.00	<10	2.71	1138	5	0.02	41	430	4	15	<20	164	0.05	<10	37	<10	1	83
6	G32109	0.5	0.30	455	65	10	6.80	4	28	49	22	5.71	<10	3.09	1214	6	0.02	38	520	4	20	<20	298	0.04	<10	38	<10	3	34
7	G32110	2.0	0.27	370	40	5	0.30	1	9	27	54	3.38	<10	0.05	135	8	0.01	13	320	22	20	<20	7	0.03	<10	14	<10	2	93
8	G32111	0.9	0.28	1360	70	15	6.07	8	35	34	26	7.66	<10	3.18	1382	5	0.02	39	490	8	15	<20	331	0.06	<10	41	<10	3	35
9	G32112	1.2	0.41	1565	85	25	6.81	10	36	21	48	8.29	<10	3.28	1482	5	0.02	39	570	6	15	<20	268	0.07	<10	51	<10	3	51
10	G32113	0.5	0.48	175	65	20	7.74	3	27	32	22	6.54	<10	3.08	1346	5	0.04	28	500	6	10	<20	152	0.06	<10	57	<10	5	46
11	G32114	0.5	0.52	170	65	10	7.26	6	33	29	43	6.99	<10	3.43	1314	14	0.04	45	500	6	65	<20	189	0.03	<10	68	<10	4	58
12	G32115	0.5	0.33	315	55	15	6.61	3	28	43	34	6.31	<10	2.98	1135	4	0.03	28	530	6	10	<20	180	0.05	<10	47	<10	3	37
13	G32116	0.9	0.42	80	55	20	6.77	3	35	32	46	7.27	<10	3.63	1348	6	0.05	36	490	6	20	<20	165	0.06	<10	62	<10	4	55
14	G32117	0.4	0.38	35	110	15	6.76	3	28	37	44	6.91	<10	3.29	1262	5	0.05	31	420	4	15	<20	145	0.06	<10	67	<10	3	55
15	G32118	0.4	0.27	120	55	10	7.23	2	31	36	53	6.84	<10	3.06	1225	4	0.06	31	520	6	<5	<20	132	0.06	<10	48	<10	3	64
16	G32119	0.5	0.30	125	70	15	6.93	4	35	36	43	8.14	<10	3.59	1441	6	0.04	48	620	4	20	<20	160	0.08	<10	51	<10	2	62
17	G32120	<0.2	1.75	30	110	10	1.75	<1	27	892	63	3.33	<10	0.82	466	14	0.16	655	500	28	<5	<20	74	0.11	<10	72	<10	6	31
18	G32121	0.4	0.28	225	65	15	6.78	3	28	42	37	7.20	<10	3.29	1545	5	0.02	38	510	6	10	<20	183	0.06	<10	46	<10	1	65
19	G32122	0.9	0.22	1675	60	20	6.90	5	32	37	48	6.98	<10	3.16	1355	7	0.02	45	520	4	30	<20	320	0.05	<10	35	<10	<1	40
20	G32123	<0.2	0.05	325	20	10	3.40	<1	4	113	2	1.55	<10	0.89	407	<1	<0.01	1	1340	2	<5	<20	135	0.03	<10	11	<10	4	6
21	G32124	1.1	0.26	3910	70	15	4.39	6	41	25	23	10.00	<10	3.42	1411	7	0.02	54	510	8	15	<20	288	0.08	<10	39	<10	<1	40
22	G32125	0.5	0.27	120	60	5	7.17	4	31	30	44	7.52	<10	3.50	1387	9	0.02	44	600	4	35	<20	179	0.05	<10	53	<10	2	72
23	G32126	0.5	0.36	100	80	10	6.69	2	31	36	49	7.63	<10	3.36	1379	5	0.01	48	400	4	15	<20	190	0.07	<10	57	<10	4	59
24	G32127	0.5	0.31	90	70	15	7.11	2	31	40	71	6.69	<10	3.46	1446	5	0.01	46	380	4	15	<20	182	0.06	<10	52	<10	6	55
25	G32128	0.5	0.34	75	95	15	7.56	2	28	46	45	6.51	<10	3.47	1463	5	0.01	44	380	4	10	<20	192	0.06	<10	54	<10	4	69

Et #.	Tag #	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
26	G32129	0.5	0.50	155	80	<5	6.93	3	37	46	68	7.04	<10	3.07	1531	6	0.02	58	420	4	25	<20	191	0.06	<10	76	<10	6	95
27	G32130	1.9	0.27	395	35	5	0.27	2	9	28	56	3.41	<10	0.05	138	7	0.01	12	330	20	15	<20	5	0.03	<10	14	<10	2	99
28	G32131	0.5	1.74	195	85	20	7.79	1	41	54	76	6.98	<10	2.23	1564	4	0.02	40	490	16	10	<20	194	0.07	<10	217	<10	11	79
29	G32132	0.6	3.04	<5	80	20	5.87	2	42	40	80	8.37	<10	2.27	974	7	0.03	41	610	32	10	<20	220	0.08	<10	279	<10	21	80
30	G32133	0.7	3.24	<5	95	20	5.73	2	43	36	102	8.84	<10	2.20	871	9	0.04	46	650	50	15	<20	218	0.07	<10	296	<10	24	93
31	G32134	0.6	1.32	<5	50	10	9.22	1	37	66	102	5.99	<10	1.52	1531	4	0.03	33	430	36	5	<20	348	0.06	<10	191	<10	27	65
32	G32135	0.9	1.80	<5	55	<5	8.11	3	33	37	137	6.74	<10	1.21	1283	5	0.03	39	590	228	10	<20	341	0.06	<10	208	<10	20	86
33	G32136	0.6	1.85	<5	60	20	7.24	3	45	37	83	7.26	<10	1.41	1642	9	0.03	61	570	78	25	<20	379	0.05	<10	204	<10	20	68
34	G32137	0.7	1.84	<5	60	10	9.89	2	43	36	99	7.40	10	1.41	1712	7	0.02	63	550	64	5	<20	561	0.07	<10	198	<10	19	81
35	G32138	0.7	1.35	<5	80	<5	7.62	2	55	48	105	5.70	30	1.10	1507	6	0.02	70	1070	94	10	<20	667	0.05	<10	170	<10	17	92
36	G32139	0.5	2.13	15	1105	<5	5.97	1	23	273	65	4.51	130	2.34	809	5	0.03	124	3120	28	15	<20	724	0.20	<10	130	<10	7	41
37	G32140	0.2	1.82	30	115	10	1.79	<1	24	875	64	3.22	<10	0.84	479	14	0.17	677	490	30	<5	<20	60	0.12	<10	74	<10	6	31
38	G32296	1.5	0.23	1490	85	<5	5.50	8	42	19	78	9.47	<10	2.70	1489	6	0.02	44	470	4	15	<20	318	0.07	<10	25	<10	<1	67
39	G32297	0.5	1.35	<5	60	20	5.91	3	49	20	51	8.61	<10	2.66	1229	7	0.04	49	640	12	15	<20	127	0.07	<10	38	<10	<1	89
40	G32298	0.5	0.97	20	65	10	5.90	3	44	21	49	8.70	<10	2.67	1215	7	0.05	46	640	8	10	<20	112	0.07	<10	36	<10	<1	88
41	G32299	1.2	0.33	6665	80	15	5.65	15	55	22	30	8.62	<10	2.36	1418	7	0.02	59	520	6	20	<20	329	0.06	<10	22	<10	<1	56
42	G31355	1.1	0.23	3330	55	10	4.53	4	29	58	35	6.53	<10	2.05	1053	4	0.01	30	360	6	10	<20	310	0.06	<10	19	<10	<1	35
43	G31356	2.1	0.23	1310	70	25	4.39	6	44	25	63	9.33	<10	2.94	1411	10	0.01	47	480	8	35	<20	288	0.06	<10	28	<10	<1	72
44	G31357	0.5	0.66	95	65	15	5.85	3	41	15	44	8.64	<10	2.86	1313	6	0.02	41	600	8	15	<20	171	0.08	<10	29	<10	<1	86
45	G31358	1.8	0.22	7485	70	15	6.74	4	38	13	40	8.67	<10	2.84	1357	8	0.01	41	510	6	30	<20	368	0.06	<10	25	<10	<1	50
46	G31359	19.9	0.14	1055	45	<5	3.19	2	10	111	680	2.45	<10	0.57	326	2	<0.01	14	370	6	40	<20	98	0.02	<10	27	<10	2	181
47	G31360	0.5	0.54	170	45	10	0.15	<1	18	627	73	2.71	<10	0.11	172	11	0.01	493	240	10	<5	<20	7	0.02	<10	20	<10	2	40
48	G31361	1.6	0.27	505	55	10	7.37	2	36	38	54	5.90	<10	3.69	1238	5	0.01	69	160	6	20	<20	376	0.05	<10	31	<10	3	38
49	G31362	0.6	0.53	105	70	<5	6.24	2	34	40	49	6.60	<10	4.23	1294	5	0.02	63	270	6	10	<20	177	0.06	<10	30	<10	<1	51
50	G31363	0.8	2.30	25	125	20	6.19	3	39	130	69	7.72	<10	4.51	1335	8	0.03	67	360	16	25	<20	160	0.06	<10	120	<10	<1	64
51	G31364	0.5	1.36	10	35	10	6.93	2	37	92	65	6.22	<10	3.22	1401	5	0.02	44	500	12	15	<20	125	0.06	<10	131	<10	3	72
52	G31365	0.7	0.84	360	70	20	6.07	3	36	54	27	7.99	<10	2.75	1142	4	0.01	42	560	8	10	<20	279	0.07	<10	49	<10	<1	45
53	G31366	0.6	3.72	<5	45	10	5.48	1	42	62	67	7.46	<10	3.08	1357	9	0.02	43	670	24	25	<20	144	0.11	<10	328	<10	3	93
54	G31367	0.6	3.61	<5	45	25	4.25	2	43	60	37	7.21	<10	3.16	1277	8	0.02	41	680	28	15	<20	99	0.12	<10	294	<10	9	98
55	G31368	0.7	3.76	<5	45	20	6.59	2	38	54	58	7.73	<10	3.03	1396	10	0.02	40	680	28	25	<20	167	0.09	<10	312	<10	5	93
56	G31369	0.6	1.73	15	40	20	8.84	2	45	59	50	6.75	<10	1.68	1592	7	<0.01	52	630	14	15	<20	227	0.07	<10	341	<10	9	118
57	G31370	<0.2	1.81	20	115	15	1.80	<1	28	916	65	3.24	<10	0.84	478	12	0.17	674	500	22	<5	<20	678	0.12	<10	74	<10	6	32
58	G31371	0.7	3.31	<5	50	20	5.63	2	47	62	58	8.67	<10	2.88	1382	7	0.02	47	660	26	<5	<20	174	0.08	<10	351	<10	2	95
59	G31372	0.8	3.35	<5	60	30	4.48	3	44	64	74	9.93	<10	3.10	1368	11	0.02	45	650	26	20	<20	139	0.07	<10	410	<10	<1	104
60	G31373	0.7	2.43	<5	85	25	6.31	3	35	39	49	8.98	<10	3.12	1325	10	0.01	40	680	20	20	<20	207	0.07	<10	149	<10	<1	87
61	G31374	2.5	0.22	975	60	20	4.66	8	33	53	38	6.92	<10	2.50	1207	6	0.01	29	390	6	30	<20	341	0.05	<10	19	<10	<1	41
62	G31375	3.0	0.17	2045	60	15	4.80	16	27	54	70	5.95	<10	2.05	949	2	0.02	28	490	6	30	<20	326	0.06	<10	14	<10	<1	58
63	G31376	0.6	0.68	55	70	20	6.55	4	46	38	66	8.98	<10	3.21	1716	7	0.01	50	690	8	15	<20	202	0.07	<10	102	<10	<1	92
64	G31377	0.6	0.74	10	70	25	8.26	4	41	41	89	8.60	<10	2.08	1667	7	0.01	50	910	6	15	<20	125	0.06	<10	255	<10	2	103
65	G31378	0.7	3.00	70	45	20	6.30	3	39	107	72	7.41	<10	3.92	1342	8	0.02	51	430	24	20	<20	185	0.08	<10	227	<10	<1	73

Et #.	Tag #	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
66	G31379	0.6	2.93	<5	45	15	5.86	3	41	122	65	6.89	<10	4.13	1364	10	0.03	52	410	26	30	<20	168	0.07	<10	242	<10	<1	76
67	G31380	2.0	0.27	380	40	10	0.25	2	10	28	55	3.27	<10	0.05	138	7	0.01	13	340	22	15	<20	6	0.03	<10	15	<10	3	98
68	G31381	0.5	3.01	<5	35	20	4.78	2	38	131	104	6.17	<10	3.93	1015	7	0.03	44	520	28	25	<20	119	0.06	<10	217	<10	<1	76
69	G31382	0.6	2.56	5	50	15	5.63	2	41	104	66	6.72	<10	4.08	1240	8	0.02	50	490	26	25	<20	124	0.05	<10	133	<10	<1	76
70	G31383	0.5	0.92	<5	50	25	6.14	2	31	38	34	5.84	<10	3.07	1098	5	0.02	38	420	10	20	<20	170	0.07	<10	26	<10	2	57
71	G31384	1.1	0.24	650	65	10	8.04	4	36	27	26	6.58	<10	3.34	1373	4	0.02	38	310	4	15	<20	336	0.06	<10	23	<10	<1	50
72	G31385	0.4	0.78	<5	65	15	5.70	2	39	46	53	6.96	<10	3.43	1068	6	0.03	47	400	10	20	<20	122	0.05	<10	38	<10	<1	76
73	G31386	0.4	0.49	<5	90	15	5.68	2	42	48	42	6.63	<10	3.62	1143	6	0.07	54	360	6	20	<20	98	0.05	<10	50	<10	<1	74
74	G31387	0.8	0.26	10	40	10	>10	2	25	27	35	4.80	<10	2.27	1117	5	0.04	32	290	6	30	<20	107	0.03	<10	23	<10	<1	43
75	G31388	0.7	0.37	1265	60	10	6.39	3	42	32	69	7.62	<10	3.60	1276	6	0.02	51	380	6	25	<20	201	0.06	<10	23	<10	<1	68
76	G31389	1.5	0.21	2710	55	15	5.82	4	31	55	49	5.79	<10	2.61	960	5	0.01	46	290	4	30	<20	281	0.05	<10	15	<10	<1	46
77	G31390	<0.2	1.79	35	110	15	1.71	<1	25	882	64	3.31	<10	0.83	486	14	0.16	694	530	26	<5	<20	73	0.12	<10	74	<10	5	35
78	G31391	1.7	0.20	2870	60	35	5.11	5	40	56	16	8.52	<10	3.05	1179	5	0.01	48	180	10	15	<20	326	0.06	<10	15	<10	<1	32
79	G31392	0.8	0.38	100	65	5	6.22	3	45	34	50	8.05	<10	3.66	1181	6	0.04	63	400	6	25	<20	193	0.06	<10	34	<10	<1	70
80	G31393	0.5	0.56	60	40	15	5.86	2	40	56	70	7.11	<10	3.37	1085	4	0.07	49	440	8	15	<20	143	0.06	<10	43	<10	<1	71
81	G31394	0.7	3.75	20	40	<5	6.51	1	38	121	77	7.29	<10	3.58	1213	7	0.03	44	510	36	15	<20	167	0.09	<10	290	<10	<1	76
82	G31395	0.7	4.05	<5	35	10	6.40	1	35	129	82	6.90	<10	3.40	1180	7	0.02	43	480	40	20	<20	175	0.09	<10	304	<10	<1	73
83	G31396	0.7	4.07	15	85	15	5.52	2	41	128	100	7.03	<10	3.51	1130	9	0.02	56	480	42	25	<20	139	0.08	<10	291	<10	<1	78
84	G31397	0.6	3.00	<5	45	20	4.76	2	43	124	90	7.69	<10	3.58	1145	9	0.03	53	430	30	20	<20	88	0.06	<10	292	<10	<1	83
85	G31398	0.6	2.81	15	40	15	5.25	2	44	119	71	7.28	<10	3.78	1221	11	0.02	56	450	30	35	<20	105	0.05	<10	270	<10	<1	79
86	G31399	0.7	2.64	<5	40	15	6.50	3	38	114	68	7.22	<10	3.69	1221	11	0.03	51	420	28	35	<20	98	0.05	<10	275	<10	<1	76
87	G31400	2.0	0.27	345	50	5	0.20	2	10	28	54	3.20	<10	0.05	139	7	0.01	14	340	24	20	<20	5	0.03	<10	15	<10	2	101
88	G32051	0.7	2.27	25	45	15	5.93	2	44	102	76	7.48	<10	3.68	1164	8	0.06	58	440	24	20	<20	93	0.06	<10	195	<10	<1	76
89	G32052	0.5	0.51	135	45	15	6.12	2	36	26	58	7.26	<10	3.46	1203	5	0.07	45	380	8	15	<20	120	0.06	<10	31	<10	<1	75
90	G32053	0.6	0.61	280	55	<5	6.22	2	40	26	79	7.81	<10	3.55	1180	6	0.05	51	410	8	45	<20	137	0.06	<10	28	<10	<1	67
91	G32054	1.4	0.86	380	55	10	6.27	2	42	34	177	7.73	<10	3.39	1178	5	0.04	52	250	12	30	<20	203	0.06	<10	33	<10	<1	136
92	G32055	0.6	0.92	95	55	10	5.96	1	39	36	59	7.58	<10	3.42	1160	6	0.05	44	430	10	15	<20	149	0.06	<10	37	<10	<1	67
93	G32056	0.8	0.69	5450	65	20	5.87	<1	39	26	50	7.98	<10	2.74	1363	5	0.02	38	570	12	10	<20	221	0.07	<10	30	<10	<1	67
94	G32057	0.6	0.94	1915	80	45	4.92	<1	48	29	10	9.87	<10	2.63	1442	6	0.02	34	990	18	10	<20	185	0.08	<10	34	<10	1	78
95	G32058	14.2	0.23	>10000	60	40	1.57	137	63	96	205	>10	<10	0.36	218	18	0.01	103	1820	16	115	<20	89	0.09	<10	13	<10	<1	3509
96	G32059	0.2	2.26	90	50	10	2.36	<1	25	119	83	2.75	<10	1.64	550	6	0.03	58	300	26	30	<20	32	0.15	<10	73	<10	3	40
97	G32060	<0.2	1.84	40	115	10	1.70	<1	25	898	65	3.35	<10	0.84	494	15	0.17	708	530	26	<5	<20	65	0.11	<10	75	<10	5	35
98	G32061	0.9	0.53	6385	70	30	4.84	<1	42	26	19	9.98	<10	2.37	1463	6	0.04	31	870	8	10	<20	167	0.08	<10	38	<10	<1	91
99	G32062	0.6	1.06	<5	55	25	4.80	3	43	33	52	>10	<10	2.60	1592	7	0.07	37	820	12	<5	<20	136	0.09	<10	137	<10	<1	127
100	G32063	0.6	0.99	35	60	15	5.30	2	50	32	29	>10	<10	2.61	1472	8	0.06	37	840	12	10	<20	156	0.08	<10	133	<10	<1	118
101	G32064	0.7	0.42	8130	65	20	3.75	<1	27	53	21	7.26	<10	1.70	934	4	0.02	20	690	8	10	<20	164	0.06	<10	22	<10	<1	66
102	G32065	0.6	1.86	50	45	15	5.49	2	38	36	32	9.69	<10	2.59	1517	7	0.03	28	890	20	10	<20	187	0.08	<10	256	<10	<1	113
103	G32066	0.8	3.08	<5	50	25	5.37	2	46	50	72	>10	<10	2.67	1564	8	0.03	37	850	30	10	<20	166	0.09	<10	396	<10	<1	113
104	G32068	2.6	2.21	490	70	35	5.10	3	47	36	19	>10	<10	2.57	1483	12	0.03	41	860	24	25	<20	212	0.08	<10	252	<10	<1	112
105	G32069	0.5	0.07	420	30	10	2.33	<1	11	109	2	3.13	<10	0.90	560	<1	<0.01	10	160	4	<5	<20	163	0.03	<10	9	<10	<1	12

Et #.	Tag #	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
106	G32070	0.5	0.54	195	45	<5	0.15	<1	19	631	73	2.80	<10	0.11	175	10	0.01	506	260	14	<5	<20	6	0.03	<10	21	<10	2	43
107	G32071	3.4	0.21	3930	80	45	2.77	<1	60	24	32	>10	<10	2.69	1538	9	0.01	67	390	12	25	<20	314	0.09	<10	28	<10	<1	63
108	G32072	0.4	0.20	185	50	<5	8.01	<1	39	50	2	4.71	<10	3.19	1747	2	0.01	29	380	6	10	<20	633	0.06	<10	28	<10	3	35
109	G32073	0.8	0.23	860	75	25	6.30	1	44	23	30	9.90	<10	3.06	1744	6	0.02	34	730	6	10	<20	369	0.08	<10	39	<10	<1	69
110	G32074	0.6	0.31	50	70	30	5.89	3	41	24	23	9.76	<10	2.61	1534	5	0.04	34	900	8	5	<20	153	0.08	<10	48	<10	<1	84
111	G32075	0.7	2.47	65	60	25	5.09	3	48	33	170	>10	<10	2.82	1459	9	0.03	42	890	24	10	<20	85	0.08	<10	248	<10	<1	120
112	G32076	0.6	3.09	25	45	20	4.88	1	43	130	51	7.89	<10	3.85	1375	9	0.04	54	540	32	20	<20	77	0.07	<10	272	<10	<1	82
113	G32077	0.6	2.71	20	35	20	5.65	2	39	110	71	6.99	<10	4.15	1214	7	0.04	53	420	28	15	<20	80	0.06	<10	203	<10	2	69
114	G32078	0.5	1.83	50	35	10	8.20	2	37	65	38	6.51	<10	4.01	1564	8	0.03	42	450	22	30	<20	160	0.05	<10	147	<10	1	75
115	G32079	0.7	2.66	65	45	25	6.20	3	39	61	62	8.19	<10	3.85	1392	11	0.05	48	640	26	35	<20	93	0.06	<10	208	<10	<1	92
116	G32080	2.0	0.27	350	40	10	0.30	1	10	29	55	3.30	<10	0.06	140	9	0.01	16	370	24	30	<20	6	0.02	<10	15	<10	3	101
117	G32081	0.5	1.50	85	50	15	6.15	2	37	36	44	8.19	<10	3.70	1271	7	0.05	43	630	18	15	<20	97	0.07	<10	112	<10	<1	89
118	G32082	0.4	0.43	90	45	20	7.01	2	36	27	46	7.26	<10	3.35	1282	4	0.07	39	510	10	10	<20	113	0.06	<10	41	<10	2	70
119	G32083	0.5	1.06	120	50	20	6.81	1	40	12	59	8.29	<10	3.60	1379	6	0.04	45	560	14	10	<20	141	0.07	<10	35	<10	<1	83
120	G32084	0.7	1.05	1845	60	<5	7.04	<1	39	20	62	7.56	<10	3.43	1241	6	0.02	45	530	14	20	<20	296	0.06	<10	26	<10	<1	61
121	G32085	0.6	1.55	105	55	20	6.02	2	41	13	68	8.37	<10	3.44	1245	8	0.04	47	600	16	20	<20	153	0.06	<10	40	<10	<1	86
122	G32086	0.5	1.79	110	55	25	5.59	2	40	21	51	8.35	<10	3.28	1018	8	0.03	46	560	20	20	<20	164	0.06	<10	40	<10	<1	85
123	G32087	0.4	1.08	70	100	10	5.67	2	36	16	51	7.32	<10	3.17	1231	5	0.03	39	510	12	10	<20	164	0.06	<10	38	<10	<1	66
124	G32088	0.8	0.74	6410	60	25	9.19	<1	33	21	27	8.03	<10	3.89	1528	5	0.02	37	560	12	20	<20	370	0.07	<10	37	<10	4	49
125	G32089	0.6	1.96	75	70	20	6.88	3	40	45	58	7.90	<10	3.80	1419	8	0.02	44	540	22	30	<20	127	0.07	<10	134	<10	<1	75
126	G32090	<0.2	1.81	45	110	10	1.74	<1	25	887	64	3.31	<10	0.83	488	13	0.16	701	530	26	<5	<20	63	0.11	<10	74	<10	5	35
127	G32091	0.7	3.74	80	45	20	6.19	3	40	72	59	7.74	<10	3.88	1276	12	0.02	47	560	38	40	<20	102	0.07	<10	317	<10	2	78
128	G32092	0.7	4.43	60	40	10	6.87	2	40	72	56	7.59	<10	4.02	1331	9	0.02	43	590	44	20	<20	124	0.09	<10	318	<10	2	79
129	G32093	0.6	4.13	20	40	25	5.43	2	40	80	60	7.47	<10	4.12	1363	8	0.02	44	640	42	25	<20	148	0.15	<10	313	<10	8	79
130	G32094	0.8	4.52	30	45	30	6.62	2	43	67	74	8.71	<10	3.86	1427	10	0.02	44	770	46	20	<20	183	0.09	<10	361	<10	3	89
131	G32095	0.7	4.16	45	40	15	5.08	2	41	70	48	8.13	<10	3.86	1330	12	0.02	42	640	40	25	<20	104	0.08	<10	355	<10	<1	86
132	G32096	0.7	0.81	70	55	30	6.40	2	35	43	38	7.27	<10	3.30	1303	6	0.05	37	420	10	15	<20	114	0.06	<10	78	<10	<1	67
133	G32097	0.5	0.47	215	60	25	5.81	2	43	24	67	8.84	<10	3.63	1420	6	0.06	37	510	8	20	<20	115	0.07	<10	48	<10	<1	96
134	G32098	0.5	0.43	40	85	15	5.71	3	41	31	57	8.13	<10	3.67	1444	7	0.05	42	550	8	25	<20	99	0.06	<10	47	<10	<1	86
135	G32099	0.4	0.40	415	55	15	6.83	3	37	29	53	7.30	<10	3.44	1330	7	0.03	39	470	4	25	<20	144	0.05	<10	39	<10	<1	65
136	G32100	2.0	0.27	335	40	5	0.28	1	10	29	55	3.34	<10	0.05	140	8	0.01	15	360	24	20	<20	7	0.02	<10	15	<10	3	103
137	G31146	0.5	0.79	265	50	20	6.70	2	38	30	56	8.12	<10	3.18	1475	5	0.04	34	610	10	15	<20	100	0.06	<10	93	<10	<1	76
138	G31147	0.6	2.77	155	45	20	7.34	3	33	67	36	7.45	<10	2.73	1269	12	0.02	35	740	28	40	<20	150	0.05	<10	243	<10	3	84
139	G31148	0.7	2.74	95	45	30	8.02	2	39	42	50	8.40	<10	3.46	1536	7	0.04	33	680	30	20	<20	195	0.07	<10	252	<10	5	86
140	G31149	0.8	4.50	50	50	15	7.75	2	42	70	62	8.96	<10	3.65	1437	11	0.02	40	710	44	20	<20	232	0.09	<10	363	<10	6	94
141	G31150	0.5	0.57	210	50	5	0.15	<1	20	665	74	2.90	<10	0.12	180	10	0.01	543	280	14	<5	<20	7	0.03	<10	22	<10	2	46
142	G27001	0.8	4.51	45	50	25	6.51	2	45	117	69	9.17	<10	3.86	1496	10	0.02	50	660	48	25	<20	160	0.10	<10	339	<10	10	95
143	G27002	0.8	3.83	40	70	15	5.71	2	47	121	66	9.58	<10	3.86	1521	9	0.03	49	640	44	20	<20	184	0.09	<10	341	<10	10	98
144	G27003	0.8	3.57	30	65	30	6.01	3	49	120	73	9.54	<10	3.99	1693	10	0.03	51	620	40	25	<20	166	0.08	<10	339	<10	8	97
145	G27004	0.7	3.34	25	55	20	6.14	4	45	121	58	8.93	<10	4.00	1535	9	0.03	51	600	36	25	<20	170	0.07	<10	301	<10	8	88

Et #.	Tag #	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
146	G27005	0.7	3.85	20	50	20	6.75	2	43	105	67	7.88	<10	3.75	1351	10	0.02	52	520	42	30	<20	186	0.06	<10	299	<10	6	85
147	G27006	0.7	3.81	50	55	15	6.44	1	44	76	73	7.86	<10	3.71	1338	9	0.02	50	490	42	25	<20	156	0.07	<10	270	<10	6	82
148	G27007	0.8	3.04	85	60	25	6.57	5	45	37	54	9.42	<10	3.77	1530	16	0.03	44	770	32	60	<20	121	0.06	<10	277	<10	2	95
149	G27008	0.7	0.89	605	75	35	7.62	5	45	23	31	9.31	<10	3.60	1478	10	0.03	43	770	12	40	<20	245	0.06	<10	44	<10	3	70
150	G27009	0.6	0.53	810	65	25	6.57	5	40	25	49	8.59	<10	3.34	1475	9	0.04	37	880	10	35	<20	194	0.06	<10	35	<10	2	77
151	G27010	2.1	0.31	355	45	5	0.22	2	11	31	60	3.43	<10	0.06	150	9	0.01	15	390	28	25	<20	9	0.03	<10	17	<10	4	107
152	G27011	0.4	0.83	70	50	20	5.83	2	43	21	58	8.33	<10	3.33	1490	6	0.06	32	770	14	15	<20	136	0.07	<10	70	10	2	98
153	G27012	0.5	1.21	50	60	30	5.81	3	44	25	67	9.25	<10	3.42	1595	8	0.05	35	760	18	20	<20	129	0.07	<10	66	<10	3	93
154	G27013	1.0	0.81	>10000	70	5	7.95	45	42	15	44	9.05	<10	3.40	1425	7	0.03	37	1160	14	35	<20	334	0.09	<10	33	<10	4	65
155	G27014	0.2	2.75	40	45	10	2.45	<1	34	126	86	4.03	<10	2.34	722	5	0.04	55	370	36	25	<20	27	0.23	<10	93	<10	5	53
156	G27015	0.5	0.77	145	60	15	6.44	3	37	38	43	8.07	<10	3.39	1443	8	0.07	41	760	12	30	<20	166	0.06	<10	63	<10	3	87
157	G27016	0.4	0.63	75	50	20	6.61	3	40	24	58	8.22	<10	3.44	1362	9	0.10	45	710	14	30	<20	112	0.06	<10	50	<10	2	85
158	G27017	0.6	0.48	355	65	20	7.20	4	41	29	94	8.29	<10	3.44	1405	7	0.05	43	680	10	20	<20	150	0.07	<10	39	<10	2	83
159	G27018	0.5	0.51	350	70	20	7.17	4	41	25	71	8.28	<10	3.44	1396	6	0.06	40	690	10	20	<20	149	0.07	<10	41	<10	2	85
160	G27019	0.6	2.18	60	50	15	6.89	3	42	51	57	8.42	<10	3.62	1503	10	0.05	45	760	30	30	<20	104	0.08	<10	173	<10	3	96
161	G27020	<0.2	1.88	50	120	10	1.78	<1	26	919	64	3.43	<10	0.85	504	14	0.17	649	570	34	<5	<20	84	0.13	<10	77	<10	7	37
162	G27021	0.6	2.79	95	50	15	6.44	2	45	59	78	8.75	<10	3.73	1485	8	0.04	45	780	36	20	<20	89	0.07	<10	243	<10	2	97

QC DATA:

Repeat:

1	G32104	0.9	0.42	1485	70	<5	5.90	10	34	24	133	7.47	<10	3.26	1402	6	0.02	36	850	4	20	<20	173	0.06	<10	39	<10	<1	64
10	G32113	0.5	0.48	185	60	10	7.62	2	28	31	23	6.47	<10	3.05	1342	5	0.04	27	490	6	10	<20	151	0.06	<10	57	<10	4	44
19	G32122	0.9	0.22	1745	65	10	6.99	<1	31	38	51	6.97	<10	3.17	1359	4	0.02	40	500	6	10	<20	328	0.06	<10	34	<10	1	44
36	G32139	0.5	2.10	10	1050	<5	6.01	<1	25	269	63	4.52	120	2.32	815	5	0.03	121	3080	30	10	<20	730	0.16	<10	128	<10	6	42
45	G31358	1.9	0.22	7410	70	25	6.50	23	38	13	40	8.74	<10	2.84	1356	7	0.01	43	510	6	25	<20	361	0.06	<10	25	<10	<1	51
54	G31367	0.7	3.71	<5	50	25	4.33	2	45	63	36	7.50	<10	3.23	1311	9	0.02	43	700	32	20	<20	99	0.13	<10	303	<10	10	103
71	G31384	1.1	0.25	675	60	15	8.03	2	35	27	26	6.61	<10	3.36	1386	5	0.02	36	310	6	20	<20	333	0.05	<10	23	<10	<1	48
80	G31393	0.5	0.56	55	40	15	5.86	2	37	56	68	7.10	<10	3.38	1089	6	0.07	48	430	10	25	<20	146	0.06	<10	43	<10	<1	70
89	G32052	0.5	0.53	150	45	15	6.24	1	37	27	59	7.39	<10	3.56	1231	4	0.07	44	380	8	10	<20	125	0.07	<10	32	<10	<1	78
115	G32079	0.7	2.70	70	50	15	6.18	1	40	59	64	8.21	<10	3.87	1391	8	0.05	47	610	28	25	<20	95	0.07	<10	209	<10	<1	84
124	G32088	0.7	0.74	6390	60	30	9.08	2	33	21	27	7.96	<10	3.81	1507	6	0.02	36	550	10	20	<20	359	0.07	<10	37	<10	3	49
150	G27009	0.7	0.50	765	70	15	6.52	8	39	24	49	8.54	<10	3.25	1456	11	0.03	39	880	10	55	<20	187	0.05	<10	34	<10	2	77

Resplit:

1	G32104	0.8	0.44	1485	80	5	5.87	9	35	29	152	7.58	<10	3.37	1421	6	0.02	40	850	6	25	<20	183	0.06	<10	40	<10	1	60
36	G32139	0.5	2.04	20	1070	<5	6.08	1	24	267	60	4.39	120	2.29	819	6	0.03	125	3120	32	20	<20	720	0.18	<10	126	<10	6	42
71	G31384	1.2	0.26	770	65	20	7.76	2	37	36	28	6.71	<10	3.39	1369	6	0.02	41	330	8	30	<20	338	0.06	<10	25	<10	<1	49
107	G32071	2.1	0.20	3865	85	40	3.02	2	58	21	32	>10	<10	2.84	1631	10	0.01	68	420	10	35	<20	405	0.08	<10	29	<10	<1	70
142	G27001	0.8	4.50	60	55	45	6.61	3	46	119	65	9.20	<10	3.85	1491	12	0.02	52	660	54	40	<20	163	0.10	<10	336	<10	10	95

Et #.	Tag #	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:																													
Pb113		11.3	0.25	50	55	<5	1.55	39	2	4	2313	0.98	<10	0.12	1374	75	0.02	3	70	5422	25	<20	70	<0.01	<10	7	10	<1	6985
Pb113		11.4	0.25	50	60	<5	1.57	39	2	5	2234	0.99	<10	0.12	1381	78	0.02	3	70	5364	25	<20	65	<0.01	<10	7	10	<1	7162
Pb113		11.4	0.25	60	55	<5	1.58	40	2	5	2249	1.00	<10	0.12	1402	62	0.02	4	70	5388	30	<20	69	<0.01	<10	8	10	<1	6902
Pb113		11.4	0.26	65	60	<5	1.60	40	2	5	2196	1.03	<10	0.12	1404	78	0.02	4	60	5648	30	<20	72	<0.01	<10	8	<10	<1	6967
Pb113		11.8	0.27	60	65	<5	1.64	41	3	5	2270	1.05	<10	0.12	1431	67	0.02	4	70	5574	30	<20	71	<0.01	<10	9	<10	<1	6965

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

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df/7124S
XLS/07

23-Jul-07

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

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

ICP CERTIFICATE OF ANALYSIS AW 2007- 7126

Cusac Gold Mines Ltd.
Ste. 1600-409 Granville St.
Vancouver, BC
V6C 1T2

No. of samples received: 160
Sample Type: Core
Submitted by: L. Hunt
Project: Taurus
Shipment #: 07-006

Values in ppm unless otherwise reported

Et #.	Tag #	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	27022	1.0	2.49	150	45	10	7.52	3	40	106	58	8.37	<10	3.91	1318	8	0.05	61	630	28	15	<20	98	0.06	<10	201	<10	<1	96
2	27023	1.0	2.64	75	45	5	7.25	2	42	98	93	7.91	<10	4.35	1360	7	0.05	57	450	32	20	<20	104	0.06	<10	171	<10	1	73
3	27024	0.9	2.24	60	60	20	6.74	2	46	67	86	7.87	<10	4.19	1273	8	0.07	56	340	26	20	<20	95	0.06	<10	120	<10	<1	80
4	27025	0.8	0.73	140	55	20	7.64	2	43	29	55	7.41	<10	4.15	1306	6	0.08	51	290	12	15	<20	151	0.06	<10	50	<10	<1	80
5	27026	1.3	1.38	4815	65	20	>10	21	41	32	39	8.92	<10	4.31	1500	9	0.02	51	200	20	35	<20	296	0.07	<10	85	<10	<1	64
6	27027	0.5	0.36	9275	30	15	7.59	43	14	89	16	4.84	<10	2.10	1009	<1	0.02	17	370	8	10	<20	214	0.05	<10	31	<10	2	40
7	27028	1.1	2.44	1895	55	15	6.86	12	44	76	73	9.05	<10	3.76	1254	7	0.03	58	750	28	20	<20	153	0.07	<10	158	<10	<1	95
8	27029	1.1	3.85	55	50	10	7.62	2	42	121	54	8.41	<10	3.56	1467	11	0.03	55	820	42	35	<20	133	0.07	<10	291	<10	8	104
9	27030	2.0	0.31	350	45	<5	0.22	<1	11	31	58	3.44	<10	0.06	149	7	0.01	15	370	26	20	<20	8	0.03	<10	17	<10	3	107
10	27031	1.1	4.57	10	55	35	5.50	2	52	154	75	9.61	<10	3.75	1603	8	0.03	62	820	50	15	<20	114	0.31	<10	372	<10	22	105
11	27032	1.1	4.38	15	55	55	5.50	2	54	158	65	9.29	<10	4.39	1646	11	0.05	64	820	48	35	<20	155	0.45	<10	362	<10	22	108
12	27033	1.1	4.46	15	60	55	4.59	1	56	144	73	9.72	<10	4.39	1518	7	0.05	62	930	54	20	<20	151	0.56	<10	368	<10	24	114
13	27034	1.1	3.92	<5	65	25	7.05	2	42	59	55	9.07	<10	3.59	1652	8	0.02	37	680	44	10	<20	98	0.15	<10	310	<10	8	98
14	32141	1.2	4.44	15	55	45	5.16	2	56	146	62	9.81	<10	4.17	1714	9	0.06	64	900	54	35	<20	144	0.54	<10	360	<10	24	111
15	32142	0.8	3.33	5	70	35	3.89	1	54	72	72	8.01	<10	2.89	1363	6	0.02	45	750	44	15	<20	62	0.24	<10	243	<10	21	96
16	32143	1.1	4.59	20	65	30	6.37	2	48	68	60	9.55	<10	3.68	1492	13	0.02	42	710	58	35	<20	123	0.10	<10	356	<10	8	106
17	32144	1.0	1.20	3170	90	20	7.71	16	39	30	55	6.90	<10	3.18	1324	3	0.02	40	330	20	10	<20	352	0.06	<10	46	<10	3	66
18	32145	1.1	4.17	45	60	20	6.31	2	44	69	68	9.09	<10	3.64	1460	9	0.01	41	700	56	20	<20	182	0.11	<10	308	<10	10	99
19	32146	1.1	4.49	20	165	30	5.21	2	47	76	61	9.72	<10	3.90	1486	12	0.02	43	710	60	30	<20	158	0.16	<10	316	<10	12	109
20	32147	1.1	0.31	3855	70	15	7.04	5	40	64	24	7.61	<10	2.95	1398	5	0.02	36	410	8	15	<20	414	0.06	<10	30	<10	<1	45
21	32148	1.0	0.41	1335	80	30	6.55	4	43	28	50	9.67	<10	3.03	1616	7	0.02	30	850	10	25	<20	240	0.08	<10	40	<10	<1	96
22	32149	1.0	0.33	200	70	25	5.41	5	42	49	46	9.21	<10	2.80	1585	11	0.03	37	600	10	45	<20	141	0.06	<10	43	<10	<1	94
23	32150	0.5	0.60	210	55	5	0.17	<1	21	703	79	3.03	<10	0.13	192	12	0.01	579	280	18	<5	<20	10	0.03	<10	24	<10	3	45
24	32151	1.0	0.30	3190	65	20	6.12	6	38	40	47	8.45	<10	2.76	1489	6	0.03	28	590	6	20	<20	204	0.07	<10	34	<10	<1	85
25	32152	1.4	0.65	7110	70	10	6.98	12	44	33	46	9.38	<10	2.92	1676	7	0.02	31	580	14	20	<20	256	0.08	<10	58	<10	<1	82

Et #.	Tag #	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
26	32153	0.8	0.36	150	70	5	7.88	3	43	36	78	9.01	<10	2.78	1531	5	0.02	26	540	8	25	<20	157	0.07	<10	33	<10	<1	77
27	32154	1.0	2.60	40	60	35	6.56	2	46	21	60	>10	<10	3.24	1673	7	0.03	33	710	32	10	<20	91	0.10	<10	222	<10	<1	119
28	32155	0.9	3.53	<5	195	50	3.93	2	52	39	60	9.01	<10	3.18	1504	6	0.03	32	740	50	15	<20	58	0.44	<10	302	<10	11	119
29	32156	0.8	3.04	20	240	50	2.68	2	51	34	61	8.47	<10	2.82	1317	5	0.03	32	770	48	20	<20	53	0.48	<10	281	<10	14	112
30	32157	0.9	3.46	20	100	40	4.07	1	49	40	80	8.64	<10	2.96	1318	7	0.03	31	780	50	15	<20	77	0.28	<10	270	<10	7	104
31	32158	0.9	2.48	50	45	15	6.65	2	45	196	67	8.33	<10	4.15	1562	9	0.04	60	500	32	25	<20	203	0.07	<10	301	<10	<1	96
32	32159	0.7	0.57	155	70	15	6.45	3	37	51	102	6.60	<10	3.57	1243	6	0.02	58	410	12	25	<20	235	0.05	<10	30	<10	3	67
33	32160	2.0	0.30	370	40	5	0.32	2	11	31	57	3.44	<10	0.06	149	9	0.01	16	370	28	30	<20	9	0.02	<10	17	<10	3	104
34	32161	0.9	2.51	75	50	30	6.06	1	46	191	67	7.61	<10	4.41	1300	6	0.03	76	400	36	15	<20	109	0.06	<10	147	<10	3	79
35	32162	1.0	3.38	30	55	30	5.31	2	52	126	86	9.69	<10	4.01	1410	10	0.03	55	600	48	25	<20	98	0.08	<10	267	<10	<1	107
36	32163	1.6	0.47	3240	70	40	8.09	15	45	20	30	9.24	<10	3.15	1690	10	0.01	33	580	12	35	<20	396	0.06	<10	39	<10	<1	59
37	32164	0.2	0.08	2550	25	<5	1.48	8	8	152	4	1.77	<10	0.53	289	<1	0.01	4	350	4	<5	<20	96	0.02	<10	9	<10	1	10
38	32165	2.0	0.64	5885	80	25	6.82	22	46	25	44	10.00	<10	3.04	1548	4	0.02	33	620	14	<5	<20	346	0.08	<10	45	<10	<1	86
39	32166	1.1	3.18	10	65	30	6.36	2	46	22	52	>10	<10	3.29	1534	11	0.02	31	780	40	20	<20	153	0.09	<10	172	10	<1	131
40	32167	2.8	0.42	2375	90	40	6.49	9	51	32	56	>10	<10	2.77	1732	4	0.02	31	590	12	<5	<20	341	0.09	<10	33	<10	<1	73
41	32168	1.1	3.99	30	55	40	5.90	2	49	29	57	>10	<10	3.13	1659	8	0.02	30	790	52	<5	<20	172	0.09	<10	389	<10	2	123
42	32169	1.3	4.57	15	60	30	6.34	3	52	32	68	>10	<10	3.61	1660	11	0.02	33	820	56	20	<20	178	0.10	<10	426	<10	2	126
43	32170	0.2	1.98	50	120	15	1.75	<1	28	971	67	3.69	<10	0.89	531	17	0.17	773	560	40	<5	<20	56	0.15	<10	82	<10	6	31
44	32171	1.2	3.55	35	60	45	5.95	3	50	29	66	>10	<10	3.52	1547	11	0.02	35	790	48	15	<20	136	0.09	<10	334	<10	4	124
45	32172	1.6	1.21	7190	70	20	6.35	39	44	40	45	9.38	<10	2.88	1414	9	0.01	30	580	24	30	<20	302	0.07	<10	99	<10	3	71
46	32173	2.2	0.32	4535	60	5	3.85	23	33	78	28	7.05	<10	1.40	801	4	0.01	24	360	8	15	<20	159	0.07	<10	24	<10	<1	45
47	32174	0.4	2.34	45	60	20	3.31	<1	30	130	61	3.38	<10	1.81	623	2	0.04	44	360	40	10	<20	45	0.26	<10	80	<10	5	47
48	32175	1.7	0.56	4100	80	35	7.15	30	42	30	63	9.44	<10	3.08	1616	6	0.02	27	570	14	35	<20	308	0.08	<10	30	10	1	96
49	32176	0.9	0.57	3540	90	40	6.67	25	42	23	39	9.20	<10	3.21	1672	6	0.02	29	610	14	20	<20	245	0.08	<10	39	<10	<1	79
50	32177	1.2	0.32	3745	85	30	5.50	24	44	31	41	9.76	<10	3.03	1505	6	0.02	31	500	10	15	<20	255	0.08	<10	26	<10	<1	86
51	32178	0.8	0.95	15	65	30	5.33	3	48	22	58	>10	<10	3.21	1586	8	0.07	35	710	16	15	<20	81	0.08	<10	49	<10	<1	120
52	32179	0.7	0.76	45	60	35	5.40	4	43	34	60	9.57	<10	2.63	1379	8	0.06	41	730	16	35	<20	108	0.07	<10	50	<10	<1	113
53	32180	0.5	0.58	190	50	<5	0.18	<1	21	682	77	3.08	<10	0.13	191	12	0.01	561	300	18	<5	<20	6	0.03	<10	23	<10	2	42
54	32181	1.0	0.54	4265	85	45	5.87	12	47	41	62	9.86	<10	2.88	1569	7	0.02	48	670	14	20	<20	259	0.07	<10	37	<10	<1	84
55	32182	1.5	0.36	1000	70	15	9.21	5	44	28	59	8.37	<10	3.96	1817	8	0.02	45	540	10	40	<20	595	0.06	<10	39	<10	3	66
56	32183	0.2	0.02	120	10	5	0.15	<1	4	189	5	1.02	<10	0.03	45	<1	<0.01	3	70	4	<5	<20	13	0.01	<10	2	<10	<1	6
57	32184	1.2	3.18	175	80	40	6.45	3	55	62	60	>10	<10	3.58	1530	8	0.02	48	840	48	15	<20	236	0.09	<10	250	<10	<1	130
58	32185	1.1	3.12	<5	55	30	5.93	3	48	71	59	>10	<10	3.47	1542	8	0.03	44	860	48	5	<20	199	0.09	<10	401	<10	<1	122
59	32186	1.1	3.28	<5	50	10	5.99	2	49	72	58	>10	<10	3.53	1642	8	0.03	48	760	50	5	<20	197	0.10	<10	396	<10	<1	120
60	32187	1.1	3.90	15	55	30	5.73	1	49	74	54	>10	<10	3.44	1465	8	0.03	46	740	60	10	<20	176	0.11	<10	439	<10	<1	126
61	32188	1.2	3.76	10	50	35	6.60	2	49	65	60	>10	<10	3.33	1512	9	0.02	50	760	58	10	<20	192	0.09	<10	389	<10	<1	128
62	32189	1.1	3.39	15	105	35	6.28	2	50	61	60	>10	<10	3.37	1541	10	0.02	48	790	54	15	<20	190	0.09	<10	362	<10	<1	128
63	32190	0.2	2.00	55	125	10	1.63	<1	28	970	68	3.73	<10	0.89	544	17	0.18	778	590	42	<5	<20	60	0.15	<10	84	<10	6	33
64	32191	1.0	0.26	8515	75	35	8.51	48	39	29	9	8.24	<10	3.53	1662	8	0.01	41	470	10	35	<20	584	0.06	<10	30	<10	<1	44
65	32192	3.0	0.16	>10000	75	25	1.85	140	45	102	45	>10	<10	0.61	355	7	0.01	48	80	14	20	<20	108	0.07	<10	13	<10	<1	26

Et #.	Tag #	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
66	32193	1.1	0.79	5505	65	30	8.30	10	46	28	36	9.16	<10	2.93	1418	5	0.01	44	630	16	15	<20	332	0.07	<10	50	<10	<1	91
67	32194	1.1	3.84	10	45	30	6.59	2	44	64	39	>10	<10	2.92	1545	9	0.03	45	700	60	15	<20	133	0.10	<10	374	<10	<1	121
68	32195	1.1	3.45	5	45	35	6.30	2	45	67	55	9.79	<10	3.04	1613	9	0.02	45	760	54	15	<20	149	0.10	<10	361	<10	<1	122
69	32196	1.2	4.08	10	50	20	6.49	2	52	67	55	>10	<10	3.48	1391	9	0.02	52	820	64	15	<20	166	0.13	<10	400	<10	<1	129
70	32197	1.1	3.36	5	45	15	6.07	2	50	62	50	>10	<10	3.44	1602	9	0.03	49	680	50	20	<20	157	0.10	<10	364	<10	<1	129
71	32198	1.0	0.41	1475	75	40	6.35	7	44	35	38	>10	<10	3.10	1437	6	0.02	42	580	14	15	<20	267	0.08	<10	36	<10	<1	82
72	32199	0.8	1.50	50	55	50	6.33	3	48	42	37	9.81	<10	3.19	1514	9	0.03	48	790	30	30	<20	174	0.07	<10	145	10	<1	117
73	32200	2.0	0.33	380	40	5	0.33	2	11	33	59	3.64	<10	0.06	156	9	0.01	16	410	30	25	<20	7	0.03	<10	19	<10	2	106
74	43101	2.9	0.29	1945	85	10	8.08	11	47	27	69	>10	<10	3.47	1610	12	0.02	50	630	10	65	<20	517	0.06	<10	29	<10	<1	69
75	43102	3.0	0.07	125	<5	<5	1.09	3	5	219	399	1.29	<10	0.30	199	2	<0.01	3	500	4	5	<20	71	0.01	<10	10	10	1	944
76	43103	1.4	0.64	2255	85	20	7.50	10	51	33	65	>10	20	3.17	1568	7	0.02	48	1130	20	10	<20	554	0.09	<10	79	<10	3	118
77	43104	1.0	1.81	135	80	25	6.90	3	52	28	61	>10	<10	3.25	1445	9	0.02	52	760	30	20	<20	245	0.09	<10	51	<10	<1	123
78	43105	0.8	0.64	1325	75	35	5.73	9	39	40	47	9.45	<10	2.71	1392	5	0.02	41	610	16	10	<20	200	0.07	<10	40	<10	<1	121
79	43106	0.9	2.06	70	75	35	6.35	3	48	26	57	>10	<10	2.98	1457	8	0.02	47	830	34	5	<20	215	0.09	<10	51	<10	<1	117
80	43107	2.1	1.09	7055	75	35	6.43	34	46	48	42	>10	<10	2.49	1309	8	0.02	47	510	26	20	<20	325	0.08	<10	44	<10	<1	55
81	43108	0.7	0.46	645	80	25	5.72	4	51	18	47	>10	<10	2.81	1444	7	0.02	53	800	12	25	<20	141	0.07	<10	39	<10	<1	117
82	43109	0.6	0.52	2000	75	50	5.39	8	48	28	44	>10	<10	3.08	1295	9	0.05	50	730	14	40	<20	137	0.07	<10	47	<10	<1	115
83	43110	0.5	0.60	215	55	5	0.17	<1	22	733	73	3.10	<10	0.13	193	12	0.01	606	300	22	<5	<20	6	0.02	<10	24	<10	2	44
84	43111	0.9	2.51	75	55	20	6.48	1	53	98	82	9.04	<10	3.28	1460	6	0.03	59	600	46	25	<20	153	0.08	<10	201	<10	<1	116
85	43112	1.0	4.37	30	45	25	6.42	2	49	152	71	9.03	<10	3.82	1460	13	0.02	62	550	78	40	<20	168	0.09	<10	350	<10	<1	108
86	43113	<0.2	4.14	25	40	15	6.51	1	52	151	72	8.85	<10	3.64	1440	8	0.02	66	580	70	15	<20	186	0.10	<10	351	<10	<1	107
87	43114	1.0	3.95	20	40	15	6.74	2	45	139	50	8.22	<10	3.52	1501	10	0.02	58	600	70	25	<20	201	0.09	<10	334	10	<1	102
88	43115	1.0	3.98	25	55	35	8.51	<1	42	111	55	8.04	<10	2.99	1454	9	<0.01	47	680	68	25	<20	210	0.08	<10	334	<10	6	102
89	43116	1.2	5.18	40	55	30	6.56	2	49	57	35	>10	<10	3.32	1602	10	0.01	36	1140	86	10	<20	131	0.13	<10	482	10	3	138
90	43117	1.1	4.97	35	55	30	6.68	1	48	53	40	>10	<10	3.00	1455	12	<0.01	37	1070	80	20	<20	114	0.12	<10	463	<10	2	135
91	43118	0.9	0.85	3400	70	45	6.55	8	41	39	56	>10	<10	2.84	1463	9	0.03	36	840	18	35	<20	174	0.07	<10	49	10	<1	102
92	43119	1.6	0.30	6530	55	15	5.53	12	36	103	34	6.66	<10	2.17	1043	5	0.01	42	620	10	25	<20	276	0.05	<10	29	<10	<1	37
93	43120	2.0	0.32	365	45	15	0.32	<1	11	33	58	3.61	<10	0.06	153	9	0.01	17	420	34	25	<20	8	0.03	<10	19	<10	3	107
94	43121	0.8	0.51	495	75	30	7.65	3	45	29	54	8.98	<10	3.73	1577	6	0.02	44	450	12	25	<20	254	0.07	<10	32	<10	<1	87
95	43122	0.6	1.37	10	50	15	7.70	2	44	50	63	8.19	<10	3.55	1543	6	0.03	42	510	26	20	<20	89	0.07	<10	116	<10	2	97
96	43123	0.8	0.60	55	75	35	7.32	4	45	43	43	9.03	<10	3.89	1568	9	0.03	49	460	14	45	<20	207	0.06	<10	42	10	<1	82
97	43124	0.8	0.62	25	70	45	6.72	2	44	36	55	8.97	<10	3.65	1329	3	0.07	45	560	16	<5	<20	116	0.08	<10	50	<10	<1	102
98	43125	0.6	0.70	110	50	30	7.28	2	43	29	65	8.79	<10	3.60	1414	5	0.09	47	600	18	15	<20	114	0.07	<10	50	<10	<1	107
99	43126	0.8	1.45	155	60	15	7.38	3	50	32	59	9.61	<10	3.72	1576	7	0.07	52	640	26	35	<20	123	0.08	<10	53	<10	<1	109
100	43127	0.7	0.74	375	45	20	7.59	4	42	46	71	8.35	<10	3.50	1451	6	0.06	43	630	16	25	<20	126	0.07	<10	43	<10	<1	86
101	43128	0.6	0.64	140	55	25	6.84	2	45	27	72	8.80	<10	3.84	1512	6	0.07	49	610	14	25	<20	112	0.07	<10	44	<10	<1	94
102	43129	0.7	0.79	1455	65	20	7.84	8	43	28	72	8.75	<10	3.67	1438	6	0.05	47	600	18	30	<20	149	0.07	<10	35	<10	<1	101
103	43130	0.5	0.63	210	55	<5	0.18	<1	22	742	78	3.16	<10	0.14	197	13	0.01	611	310	20	<5	<20	7	0.03	<10	25	<10	3	44
104	43131	1.0	1.17	955	70	45	7.76	7	47	26	71	9.27	<10	3.72	1430	7	0.04	50	580	22	40	<20	206	0.07	<10	36	10	<1	88
105	43132	0.8	0.55	280	80	10	7.08	3	45	33	54	8.94	<10	3.73	1504	6	0.02	48	770	14	25	<20	208	0.07	<10	33	<10	<1	90

Et #.	Tag #	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
106	43133	1.1	0.25	4715	65	20	9.89	12	34	64	20	7.23	<10	3.41	1610	7	0.02	40	540	12	30	<20	347	0.06	<10	27	<10	3	45
107	43134	1.0	0.09	2160	35	<5	>10	2	13	78	3	5.74	<10	4.86	2654	4	0.01	19	250	8	30	<20	601	0.07	<10	49	<10	6	22
108	43135	1.2	0.26	1635	80	<5	8.83	<1	43	33	35	8.84	<10	3.59	1591	3	0.01	45	480	10	5	<20	406	0.08	<10	26	<10	<1	58
109	43136	1.0	3.23	75	45	10	7.21	1	44	77	62	8.81	<10	3.86	1505	6	0.02	50	670	54	15	<20	159	0.08	<10	256	<10	2	97
110	43137	1.1	4.70	45	45	30	7.80	<1	46	94	66	9.09	<10	4.00	1530	8	0.02	52	690	76	20	<20	169	0.09	<10	362	<10	3	100
111	43138	1.1	4.79	45	45	10	7.85	<1	46	98	65	9.06	<10	4.09	1582	9	0.02	55	700	78	15	<20	241	0.09	<10	354	10	3	101
112	43139	1.1	4.48	50	60	45	6.98	2	47	82	66	9.23	<10	4.09	1442	9	0.02	55	720	74	30	<20	142	0.09	<10	327	<10	4	102
113	43140	0.2	2.12	50	125	10	1.59	<1	29	959	68	3.84	<10	0.91	562	16	0.18	780	630	48	<5	<20	61	0.16	<10	87	<10	6	38
114	43141	1.1	3.34	55	75	30	7.72	2	43	87	48	>10	<10	3.85	1592	12	0.02	52	640	56	25	<20	145	0.08	<10	261	<10	2	107
115	43142	10.9	0.44	2000	60	10	6.78	9	34	71	255	6.97	<10	2.61	1365	5	0.01	33	420	14	165	<20	251	0.06	<10	54	<10	3	239
116	43143	1.1	0.75	4585	80	10	7.24	15	44	44	48	9.42	<10	3.58	1487	9	0.02	54	450	16	40	<20	327	0.06	<10	31	<10	<1	77
117	43144	0.8	1.10	1245	70	15	8.01	6	45	38	26	9.77	<10	3.90	1594	7	0.03	60	480	20	15	<20	273	0.08	<10	40	<10	<1	84
118	43145	1.2	0.44	255	70	20	6.79	3	44	38	46	9.71	<10	3.64	1647	6	0.04	50	600	12	15	<20	178	0.08	<10	45	10	<1	98
119	43146	0.7	0.35	25	60	30	6.84	2	43	31	49	9.41	<10	3.32	1530	5	0.05	40	670	10	15	<20	131	0.08	<10	43	<10	3	104
120	43147	1.4	0.25	6355	85	20	7.64	30	43	25	41	9.79	<10	3.37	1556	7	0.02	46	640	10	25	<20	415	0.07	<10	28	<10	3	86
121	43148	5.7	0.05	2530	15	<5	2.22	10	6	162	118	1.54	<10	0.60	316	1	<0.01	6	50	6	80	<20	89	0.02	<10	9	<10	1	349
122	43149	0.9	0.34	445	75	25	6.86	4	40	39	48	8.75	<10	3.47	1389	7	0.02	47	580	12	30	<20	217	0.06	<10	33	<10	<1	94
123	43150	2.0	0.32	365	45	5	0.33	2	11	33	56	3.60	<10	0.06	154	10	0.01	18	420	34	25	<20	5	0.02	<10	19	<10	3	102
124	43151	0.7	0.42	145	50	15	7.70	2	42	27	56	8.60	<10	3.86	1600	7	0.06	49	450	10	25	<20	142	0.07	<10	40	<10	<1	83
125	43152	0.6	0.45	85	45	25	6.60	3	44	36	64	8.55	<10	3.98	1517	6	0.06	51	430	10	20	<20	113	0.07	<10	44	<10	2	88
126	43153	0.7	0.55	230	60	25	5.78	3	46	33	55	9.11	<10	3.75	1518	6	0.04	47	600	12	20	<20	100	0.07	<10	66	<10	<1	98
127	43154	0.7	0.90	55	50	15	6.47	4	46	45	53	9.36	<10	3.74	1603	10	0.07	48	630	18	35	<20	107	0.07	<10	92	<10	<1	99
128	43155	0.7	0.81	75	55	25	7.66	2	42	34	51	9.12	<10	3.73	1646	6	0.06	43	610	16	15	<20	149	0.07	<10	81	<10	<1	96
129	43156	0.7	0.57	80	55	15	6.05	2	45	32	54	9.49	<10	3.67	1515	7	0.08	46	690	14	20	<20	114	0.07	<10	50	<10	<1	107
130	43157	0.6	0.44	85	50	20	6.42	2	43	27	54	9.71	<10	3.36	1542	5	0.08	37	690	10	20	<20	84	0.08	<10	48	<10	<1	105
131	43158	0.7	0.36	565	60	25	6.75	4	44	25	45	9.99	<10	3.26	1529	7	0.07	34	720	10	15	<20	121	0.08	<10	47	<10	<1	113
132	43159	0.7	0.45	5990	75	20	7.45	15	40	39	47	8.86	<10	3.01	1516	6	0.03	32	680	12	10	<20	235	0.07	<10	37	<10	<1	89
133	43160	0.5	0.62	220	55	5	0.18	<1	22	646	79	3.18	<10	0.13	198	12	0.01	571	300	22	<5	<20	8	0.03	<10	25	<10	2	45
134	43161	0.9	1.04	90	70	10	9.29	3	44	28	62	9.14	<10	3.13	1682	5	0.03	34	740	20	10	<20	207	0.08	<10	145	<10	6	118
135	43162	1.1	4.28	45	55	25	6.13	2	51	54	62	>10	<10	3.73	1335	10	0.02	42	870	72	20	<20	164	0.10	<10	373	10	<1	135
136	43163	0.9	2.46	85	60	25	6.36	2	45	61	60	9.75	<10	3.43	1549	7	0.03	46	760	44	15	<20	152	0.08	<10	233	10	3	120
137	43164	1.2	3.34	20	60	30	8.94	2	37	51	8	9.97	<10	3.88	2506	9	0.02	35	870	56	15	<20	242	0.11	<10	312	<10	5	112
138	43165	1.2	1.10	15	55	55	>10	4	39	40	<1	9.90	<10	5.59	4968	10	0.02	23	410	14	45	<20	290	0.10	<10	149	<10	18	54
139	43166	1.1	3.87	20	50	25	6.89	2	51	57	19	>10	<10	3.83	1748	7	0.02	38	920	66	10	<20	173	0.10	<10	336	<10	4	118
140	43167	1.1	4.91	25	55	35	6.04	2	50	57	63	>10	<10	3.84	1647	13	0.02	42	980	86	35	<20	162	0.11	<10	349	<10	13	126
141	43168	1.1	4.88	10	50	25	6.27	2	50	50	65	>10	<10	3.69	1645	10	0.02	42	930	86	25	<20	133	0.10	<10	332	<10	13	120
142	43169	1.1	5.04	<5	50	35	6.17	2	52	34	65	>10	<10	3.35	1611	13	0.01	38	760	84	30	<20	121	0.09	<10	389	<10	11	123
143	43170	0.5	0.64	220	50	<5	0.18	<1	22	647	77	3.17	<10	0.13	198	12	0.01	577	290	20	<5	<20	6	0.03	<10	26	<10	2	45
144	43171	1.1	4.47	60	55	20	8.35	2	49	32	61	>10	<10	3.30	1688	10	0.01	37	700	68	25	<20	135	0.11	<10	342	<10	4	116
145	43172	0.5	2.93	45	45	40	3.85	<1	37	177	88	4.18	<10	2.28	777	4	0.03	58	430	58	20	<20	67	0.31	<10	107	<10	5	55

Et #.	Tag #	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
146	43173	0.7	0.32	985	80	45	6.33	3	42	43	48	8.82	<10	2.91	1522	5	0.01	29	580	12	10	<20	297	0.07	<10	32	<10	1	65
147	43174	2.9	0.23	>10000	80	15	5.81	14	48	37	21	>10	<10	2.99	1438	6	0.01	38	270	8	20	<20	407	0.09	<10	23	<10	<1	42
148	43175	0.8	0.52	310	85	30	6.68	5	44	22	50	9.68	<10	3.41	1659	11	0.02	43	770	12	40	<20	230	0.06	<10	37	<10	<1	84
149	32274	0.6	0.56	420	55	20	6.58	3	42	35	53	8.91	<10	3.46	1519	4	0.06	42	750	14	5	<20	128	0.08	<10	46	<10	<1	107
150	32275	0.7	1.06	60	65	25	5.95	3	50	35	78	9.50	<10	3.67	1566	8	0.08	48	830	20	15	<20	70	0.07	<10	66	<10	<1	118
151	32276	0.7	0.97	115	55	20	6.18	2	45	35	48	9.30	<10	3.40	1483	7	0.07	43	790	20	15	<20	70	0.07	<10	55	<10	<1	100
152	32277	1.4	0.70	8645	65	25	7.57	38	36	53	63	8.06	<10	2.88	1244	6	0.02	36	530	18	40	<20	273	0.06	<10	27	<10	<1	181
153	32278	0.8	0.37	180	65	10	6.60	3	42	33	51	9.07	<10	3.54	1480	7	0.05	43	790	10	30	<20	135	0.07	<10	42	<10	<1	94
154	32279	1.1	0.37	1960	85	30	7.93	11	48	42	52	9.26	<10	3.69	1697	7	0.03	49	1170	12	35	<20	259	0.08	<10	45	<10	2	99
155	32280	0.2	2.05	75	130	15	1.68	<1	30	944	66	3.82	<10	0.88	555	17	0.17	772	650	50	<5	<20	60	0.17	<10	85	10	6	39
156	32281	0.7	0.42	1000	85	30	8.05	8	44	25	38	8.99	<10	3.73	1612	6	0.03	44	800	12	15	<20	263	0.07	<10	40	<10	<1	82
157	32282	0.7	0.58	110	60	30	6.58	2	44	32	70	9.07	<10	3.45	1422	6	0.06	42	780	14	30	<20	112	0.07	<10	46	<10	<1	107
158	32283	0.8	0.69	120	50	20	6.87	2	47	31	52	9.46	<10	3.56	1619	6	0.07	46	820	14	15	<20	94	0.07	<10	52	<10	<1	62
159	32284	0.7	0.64	105	65	20	6.67	3	48	29	59	9.78	<10	3.54	1466	7	0.06	52	820	16	15	<20	96	0.09	<10	61	<10	<1	68
160	32292	0.5	2.74	30	55	25	4.62	<1	35	145	81	4.07	<10	2.14	817	2	0.02	74	410	60	15	<20	58	0.28	<10	92	<10	4	56
QC DATA:																													
Repeat:																													
1	27022	1.0	2.58	145	50	10	7.60	3	43	108	64	8.44	<10	4.07	1335	7	0.05	63	630	30	15	<20	107	0.09	<10	205	<10	2	96
10	27031	1.1	4.34	25	50	25	5.39	1	51	151	73	9.44	<10	3.55	1561	9	0.03	63	810	60	15	<20	104	0.25	<10	360	<10	20	108
19	32146	1.2	4.64	10	170	25	5.34	2	49	78	65	9.93	<10	4.02	1519	9	0.02	43	720	58	10	<20	167	0.22	<10	323	<10	14	110
36	32163	1.7	0.48	3255	75	25	7.87	19	47	20	31	9.56	<10	3.27	1727	6	0.01	28	610	12	15	<20	413	0.08	<10	39	<10	<1	60
45	32172	1.7	1.18	7265	65	30	6.38	28	44	39	43	9.41	<10	2.85	1411	10	0.01	33	580	20	35	<20	293	0.07	<10	99	<10	2	72
54	32181	1.0	0.53	4180	85	35	5.87	24	47	39	63	9.84	<10	2.93	1565	7	0.02	47	680	14	20	<20	266	0.09	<10	36	<10	<1	83
71	32198	1.0	0.39	1445	80	25	6.40	9	43	35	35	>10	<10	3.13	1441	5	0.02	42	580	12	15	<20	275	0.08	<10	35	<10	<1	84
80	43107	2.0	1.06	7290	70	25	6.53	<1	46	47	39	>10	<10	2.42	1301	6	0.02	46	500	26	25	<20	325	0.09	<10	43	<10	<1	55
89	43116	1.2	5.14	35	65	30	6.56	2	48	57	36	>10	<10	3.30	1595	13	0.01	38	1140	88	25	<20	139	0.13	<10	477	10	3	136
106	43133	1.1	0.29	4705	75	10	9.93	19	33	69	23	7.29	<10	3.55	1628	6	0.02	40	540	8	25	<20	357	0.06	<10	29	<10	3	43
115	43142	10.8	0.45	2040	60	<5	6.76	7	34	74	246	6.95	<10	2.54	1356	5	0.01	34	420	14	165	<20	247	0.06	<10	55	<10	3	244
124	43151	0.7	0.45	130	50	15	7.75	3	43	28	58	8.64	<10	3.93	1612	6	0.07	50	460	12	30	<20	146	0.07	<10	42	10	<1	83
141	43168	1.1	4.96	5	55	30	6.25	2	50	50	64	>10	<10	3.74	1638	11	0.01	42	940	84	25	<20	139	0.11	<10	336	<10	14	118
150	32275	0.7	1.03	75	60	20	5.80	4	47	35	76	9.33	<10	3.52	1520	12	0.08	53	810	22	50	<20	65	0.06	<10	66	<10	<1	117
Resplit:																													
1	27022	1.0	2.50	160	50	25	7.52	4	43	109	54	8.46	<10	3.90	1316	9	0.05	66	620	34	30	<20	97	0.07	<10	203	<10	1	95
36	32163	1.6	0.48	3425	80	35	8.12	7	52	21	36	>10	<10	3.21	1736	7	0.01	33	640	14	25	<20	400	0.08	<10	40	<10	<1	67
71	32198	1.0	0.40	1505	80	50	6.47	10	45	31	38	>10	<10	3.16	1453	6	0.02	46	610	14	20	<20	278	0.08	<10	33	10	<1	84
106	43133	1.0	0.26	4670	65	30	9.97	12	33	51	24	7.27	<10	3.61	1652	5	0.02	40	600	10	25	<20	370	0.07	<10	28	<10	3	45
141	43168	1.1	4.70	15	50	40	5.96	2	48	52	59	>10	<10	3.58	1591	13	0.01	43	920	90	35	<20	124	0.10	<10	324	10	12	118

Et #.	Tag #	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:																													
Pb113		11.2	0.30	60	70	<5	1.75	42	3	5	2347	1.13	<10	0.12	1523	76	0.02	2	70	5470	20	<20	77	0.02	<10	9	<10	<1	7109
Pb113		11.6	0.29	65	65	<5	1.84	44	3	6	2394	1.18	<10	0.13	1583	71	0.02	3	50	5542	20	<20	68	0.01	<10	9	<10	<1	7145
Pb113		11.2	0.30	65	70	<5	1.83	43	3	6	2375	1.19	<10	0.13	1573	74	0.02	5	60	5490	15	<20	74	<0.01	<10	10	<10	<1	7203
Pb113		11.4	0.30	60	75	<5	1.82	42	3	6	2286	1.17	<10	0.13	1551	71	0.02	3	90	5430	15	<20	79	0.01	<10	10	<10	<1	7160
Pb113		12.0	0.30	55	70	<5	1.79	40	3	6	2245	1.16	<10	0.13	1536	70	0.02	5	90	5580	20	<20	76	<0.01	<10	10	<10	<1	7024

Aqua Regia Digestion - ICP Finish

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

JJ/nl
df/7126S
XLS/07

9-Aug-07

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

AUG 2 0 2007

ICP CERTIFICATE OF ANALYSIS AK 2007- 7158

Cusac Gold Mines Ltd.
Ste. 1600-409 Granville St.
Vancouver, BC
V6C 1T2

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

No. of samples received: 99
Sample Type: Core
Project: Taurus
Shipment #:07-007
Submitted by: Lesley Hunt/Mike Glover

Values in ppm unless otherwise reported

Et #.	Tag #	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	G32285	0.3	0.63	140	105	15	6.38	12	41	29	53	>10	<10	4.11	1361	<1	0.18	33	950	12	<5	<20	82	<0.01	<10	70	<10	5	42
2	G32286	<0.2	0.63	130	85	15	8.18	11	37	28	51	9.44	<10	4.20	1435	<1	0.19	31	850	12	<5	<20	89	<0.01	<10	55	<10	4	41
3	G32287	<0.2	2.90	100	90	15	7.44	13	39	47	72	>10	<10	4.46	1428	<1	0.10	31	960	20	<5	<20	114	<0.01	<10	227	<10	4	83
4	G32288	0.2	4.55	80	125	10	5.23	13	41	72	101	>10	<10	4.49	1172	<1	0.09	36	1060	24	<5	<20	75	0.02	<10	406	<10	12	80
5	G32289	<0.2	4.20	60	90	10	5.84	12	44	77	78	>10	<10	4.67	1497	<1	0.10	36	1040	22	<5	<20	64	0.09	<10	376	<10	13	81
6	G32290	2.1	0.33	380	45	5	0.24	4	9	31	68	3.74	<10	0.10	150	6	0.01	15	500	20	30	<20	8	<0.01	<10	22	<10	4	89
7	G32291	0.3	4.00	70	85	10	7.08	12	42	66	108	>10	<10	4.40	1523	<1	0.09	35	900	22	<5	<20	78	0.07	<10	350	<10	12	80
8	G32293	0.3	4.18	60	80	10	6.44	11	44	73	93	9.94	<10	4.41	1505	<1	0.10	36	1020	20	<5	<20	82	0.07	<10	354	<10	12	77
9	G32294	0.5	3.46	50	75	5	5.17	10	47	72	101	9.28	<10	3.88	1334	<1	0.10	37	1030	18	<5	<20	74	0.30	<10	338	<10	17	80
10	G32295	<0.2	2.83	55	60	<5	4.25	8	44	71	79	7.69	<10	2.94	1139	<1	0.10	33	1000	16	<5	<20	71	0.34	<10	249	<10	15	65
11	G32300	0.7	0.67	195	50	5	0.19	3	20	720	92	3.45	<10	0.16	192	10	0.04	608	280	10	15	<20	13	<0.01	<10	26	<10	3	44
12	178651	0.4	3.43	70	65	<5	5.26	9	45	69	85	8.29	<10	3.27	1231	<1	0.10	35	1050	16	<5	<20	58	0.37	<10	282	<10	13	67
13	178652	0.2	4.13	90	70	10	7.85	10	44	71	85	9.65	<10	3.98	1489	<1	0.09	36	1020	20	<5	<20	62	0.16	<10	371	<10	13	76
14	178653	0.4	3.29	70	60	<5	5.48	8	44	68	90	7.76	<10	3.07	1163	<1	0.11	33	1010	18	<5	<20	42	0.41	<10	271	<10	11	66
15	178654	0.3	3.09	55	55	<5	2.14	7	44	75	90	6.73	<10	2.35	946	<1	0.11	37	980	12	<5	<20	29	0.35	<10	175	<10	8	60
16	178655	0.3	2.93	50	60	<5	2.52	6	42	104	78	6.68	<10	2.37	939	<1	0.11	46	820	14	<5	<20	37	0.29	<10	168	<10	9	59
17	178656	0.3	3.11	55	70	<5	4.85	8	41	115	78	7.89	<10	2.87	1182	<1	0.11	49	720	18	<5	<20	74	0.20	<10	222	<10	13	69
18	178657	0.3	3.26	50	50	<5	3.41	7	41	151	58	6.93	<10	2.62	1000	<1	0.11	51	960	16	<5	<20	33	0.45	<10	202	<10	9	64
19	178658	<0.2	2.49	40	45	<5	1.89	6	42	105	84	6.23	<10	2.20	789	<1	0.17	44	880	10	5	<20	35	0.37	<10	153	<10	8	53
20	178659	<0.2	3.58	50	60	5	5.62	8	43	119	74	8.42	<10	3.75	1253	<1	0.09	44	770	16	<5	<20	48	0.19	<10	306	<10	9	68
21	178660	1.9	0.32	365	40	5	0.27	3	9	30	68	3.71	<10	0.10	146	6	0.01	14	500	20	30	<20	8	<0.01	<10	19	<10	4	94
22	178661	0.3	4.00	70	60	5	6.49	9	40	154	77	9.06	<10	4.12	1346	<1	0.09	51	820	18	<5	<20	73	0.05	<10	364	<10	4	74
23	178662	<0.2	4.06	85	60	10	6.50	9	40	168	73	9.05	<10	3.92	1296	<1	0.09	55	880	20	<5	<20	66	0.06	<10	358	<10	3	75
24	178663	<0.2	3.45	1300	75	10	6.82	8	41	128	73	9.19	<10	4.06	1282	<1	0.08	52	820	20	<5	<20	96	0.03	<10	276	<10	4	78
25	178664	<0.2	1.11	1520	65	10	8.19	7	35	31	56	7.66	<10	3.11	1411	<1	0.09	28	600	10	5	<20	137	<0.01	<10	102	<10	9	65

Et #.	Tag #	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
26	178665	0.3	2.79	75	50	<5	3.64	7	47	56	88	7.52	<10	2.64	1100	<1	0.10	33	810	14	<5	<20	67	0.44	<10	234	<10	15	66
27	178666	0.4	2.79	80	50	<5	5.39	7	46	52	96	7.62	<10	2.67	1232	<1	0.10	35	800	14	<5	<20	76	0.30	<10	253	<10	22	66
28	178667	0.3	3.44	55	65	5	5.15	8	49	68	103	9.85	<10	3.32	1189	<1	0.11	42	910	18	<5	<20	80	0.21	<10	330	<10	19	84
29	178668	<0.2	3.76	30	65	10	6.34	9	46	81	77	>10	<10	3.81	1342	<1	0.11	43	860	20	<5	<20	77	0.05	<10	367	<10	24	92
30	178669	0.3	3.67	75	70	10	5.24	9	52	63	123	>10	<10	4.06	1691	<1	0.09	37	810	20	<5	<20	132	0.01	<10	395	<10	5	105
31	178670	0.5	0.66	180	45	<5	0.18	2	19	727	88	3.25	<10	0.14	192	11	0.04	599	300	10	20	<20	12	<0.01	<10	25	<10	3	48
32	178671	<0.2	0.99	305	75	5	5.25	7	36	31	92	8.57	<10	2.99	1245	<1	0.07	23	660	10	<5	<20	134	<0.01	<10	101	<10	6	71
33	178672	<0.2	0.68	15	50	10	>10	7	26	21	43	7.73	<10	2.37	1180	<1	0.06	16	590	10	<5	<20	181	<0.01	<10	72	<10	8	62
34	27035	<0.2	4.13	40	60	5	4.94	8	50	60	82	>10	<10	3.46	1312	<1	0.09	41	1010	20	<5	<20	144	0.03	<10	423	<10	6	100
35	27036	0.2	3.98	40	60	5	6.14	8	36	29	65	>10	<10	2.93	1269	<1	0.08	24	1060	18	<5	<20	156	0.04	<10	368	<10	4	99
36	27037	<0.2	2.63	10	65	35	7.17	3	42	20	28	>10	<10	2.98	1983	12	0.02	37	930	36	25	<20	194	0.07	<10	371	<10	<1	87
37	27038	0.4	0.70	9680	65	20	5.89	40	45	11	33	9.01	<10	2.21	1454	9	0.01	33	800	10	35	<20	306	0.05	<10	31	<10	<1	65
38	27039	1.1	0.11	>10000	50	30	0.45	48	25	95	24	8.96	<10	0.13	111	11	<0.01	31	300	8	30	<20	24	0.02	<10	10	<10	<1	7
39	27040	0.6	0.54	200	40	<5	0.16	<1	19	629	76	2.97	<10	0.12	179	12	0.01	499	320	12	<5	<20	10	0.01	<10	22	<10	7	39
40	27041	0.4	0.44	>10000	65	15	6.91	19	37	15	18	8.12	<10	3.33	1826	4	<0.01	24	250	4	15	<20	502	0.06	<10	31	<10	<1	47
41	27042	<0.2	2.75	45	45	25	6.29	3	45	23	59	>10	<10	3.18	1552	9	0.03	31	850	36	15	<20	193	0.07	<10	378	<10	<1	98
42	27043	<0.2	3.41	<5	45	40	6.32	3	45	19	63	>10	<10	2.92	1553	11	0.03	30	840	44	25	<20	204	0.09	<10	436	<10	<1	107
43	27044	<0.2	3.48	<5	45	35	6.49	2	47	19	55	9.08	<10	2.87	1587	8	0.03	31	980	48	10	<20	205	0.11	<10	378	<10	<1	105
44	27045	<0.2	3.64	<5	40	45	6.29	2	43	64	60	8.86	<10	3.12	1529	10	0.03	36	770	48	25	<20	186	0.11	<10	376	<10	<1	101
45	27046	<0.2	3.39	<5	40	30	5.73	2	47	21	57	9.19	<10	2.90	1568	8	0.02	31	900	46	10	<20	184	0.10	<10	373	<10	<1	103
46	27047	<0.2	3.12	<5	45	30	6.11	3	50	22	52	>10	<10	2.83	1444	11	0.03	37	930	40	15	<20	186	0.08	<10	423	<10	<1	104
47	27048	<0.2	2.70	<5	50	35	6.27	3	44	19	70	>10	<10	2.86	1553	10	0.03	31	840	34	15	<20	197	0.07	<10	406	<10	<1	98
48	27049	<0.2	2.74	<5	55	35	6.10	3	41	16	57	>10	<10	2.84	1609	10	0.03	30	870	36	20	<20	186	0.08	<10	409	<10	<1	108
49	27050	<0.2	1.83	35	120	15	1.71	<1	26	947	65	3.54	<10	0.83	510	18	0.16	735	630	34	5	<20	70	0.10	<10	78	<10	3	30
50	27051	0.2	1.01	20	80	55	5.44	4	48	10	70	>10	<10	2.74	1595	10	0.03	32	790	14	20	<20	210	0.06	<10	76	<10	<1	103
51	27052	0.2	1.01	4550	80	40	4.21	9	32	21	50	>10	<10	1.57	1301	9	0.01	24	890	16	15	<20	161	0.06	<10	34	<10	<1	64
52	27053	<0.2	0.91	25	60	30	5.45	3	39	9	49	>10	<10	2.19	1432	6	0.03	24	800	12	10	<20	161	0.06	<10	52	<10	<1	87
53	27054	0.3	2.08	915	75	45	4.95	4	50	17	70	>10	<10	2.43	1324	8	0.02	32	830	26	10	<20	169	0.07	<10	129	<10	<1	90
54	27055	<0.2	1.43	<5	65	50	4.81	3	49	12	68	>10	<10	2.60	1436	10	0.04	32	840	20	15	<20	105	0.07	<10	207	<10	<1	103
55	27056	0.4	0.42	5620	75	55	4.11	27	53	35	47	>10	<10	2.32	1312	9	0.02	38	580	6	25	<20	181	0.06	<10	41	<10	<1	52
56	27057	0.1	0.44	20	75	35	6.06	2	48	8	64	>10	<10	2.59	1627	6	0.03	27	800	6	10	<20	165	0.07	<10	39	<10	<1	79
57	27058	0.2	0.30	1095	80	45	4.88	7	52	10	34	>10	<10	2.49	1611	6	0.01	32	830	4	<5	<20	247	0.06	<10	35	<10	<1	75
58	27059	<0.2	1.80	<5	55	45	5.98	5	54	12	71	>10	<10	3.23	1505	15	0.02	45	750	24	45	<20	162	0.05	<10	133	<10	<1	113
59	27060	2.1	0.29	350	30	5	0.28	2	10	30	58	3.48	<10	0.06	149	8	<0.01	12	450	22	10	<20	7	0.02	<10	16	<10	2	99
60	27061	1.8	0.28	5730	80	40	3.10	33	49	12	82	>10	<10	2.62	1513	16	0.01	40	530	4	85	<20	289	0.04	<10	30	<10	<1	50
61	27062	<0.2	0.04	415	<5	5	0.25	<1	4	141	<1	1.13	<10	0.08	65	<1	<0.01	3	20	<2	<5	<20	6	0.03	<10	3	<10	<1	<1
62	27063	<0.2	2.13	20	40	30	2.59	<1	30	105	78	3.24	<10	1.71	596	2	0.03	47	370	36	<5	<20	23	0.19	<10	77	<10	<1	35
63	27064	0.4	0.31	5250	50	20	1.88	9	56	30	27	>10	<10	2.09	1274	6	<0.01	37	380	<2	<5	<20	184	0.06	<10	28	<10	<1	56
64	27065	<0.2	3.09	35	65	15	5.52	3	44	21	59	>10	<10	3.10	1545	12	0.02	31	880	40	15	<20	186	0.06	<10	376	<10	<1	107
65	27066	<0.2	3.05	<5	70	25	6.07	3	48	21	51	>10	<10	3.12	1640	10	0.03	36	940	44	15	<20	199	0.08	<10	384	<10	<1	109

Et #.	Tag #	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
66	27067	<0.2	3.40	<5	45	40	6.11	2	50	27	60	>10	<10	3.09	1596	8	0.02	35	900	48	5	<20	180	0.12	<10	413	<10	<1	110
67	27068	<0.2	3.05	<5	50	35	5.92	2	47	22	52	>10	<10	2.71	1500	9	0.03	31	980	38	<5	<20	153	0.15	<10	444	<10	<1	102
68	27069	<0.2	2.98	<5	55	65	5.14	3	51	24	65	>10	<10	2.87	1562	13	0.03	37	950	46	30	<20	126	0.24	<10	411	<10	10	106
69	27070	0.6	0.55	195	40	<5	0.17	<1	19	616	75	2.95	<10	0.12	180	9	<0.01	487	310	11	<5	<20	9	0.05	<10	21	<10	2	39
70	27071	<0.2	3.05	<5	75	40	3.71	2	53	26	69	>10	<10	3.08	1503	12	0.03	45	870	46	20	<20	78	0.28	<10	398	<10	9	117
71	27072	<0.2	3.33	<5	50	65	4.07	2	51	27	102	>10	<10	3.30	1467	10	0.02	35	910	48	35	<20	178	0.23	<10	378	<10	13	115
72	27073	<0.2	3.02	<5	50	45	4.30	3	51	27	77	>10	<10	3.05	1515	10	0.03	36	940	42	20	<20	93	0.28	<10	386	<10	8	109
73	27074	<0.2	3.14	<5	50	50	5.01	2	49	25	52	>10	<10	3.00	1468	9	0.03	34	1020	46	5	<20	129	0.18	<10	396	<10	8	103
74	27075	<0.2	3.32	<5	50	25	5.91	3	48	23	55	>10	<10	3.01	1499	10	0.02	37	990	48	15	<20	157	0.12	<10	399	<10	2	106
75	27076	<0.2	3.47	<5	45	40	6.14	4	46	20	65	>10	<10	2.85	1558	12	0.03	33	950	50	20	<20	157	0.10	<10	413	<10	<1	109
76	27077	<0.2	3.25	<5	75	15	7.79	2	44	24	56	>10	<10	2.81	1767	10	0.02	36	740	46	10	<20	207	0.08	<10	388	<10	<1	111
77	27078	<0.2	1.11	30	65	45	5.22	4	50	14	47	9.92	<10	2.59	1590	9	0.04	35	880	14	15	<20	158	0.06	<10	164	<10	<1	96
78	27079	<0.2	0.63	35	60	30	5.40	4	44	24	69	>10	<10	2.70	1606	8	0.04	29	760	8	25	<20	188	0.07	<10	72	<10	<1	104
79	27080	<0.2	1.96	30	115	15	1.68	<1	28	983	69	3.76	<10	0.88	542	15	0.17	755	670	34	5	<20	63	0.15	<10	81	<10	3	31
80	27081	0.7	0.30	3210	70	20	3.20	13	47	12	33	9.64	<10	2.60	1497	12	0.01	37	570	2	50	<20	292	0.04	<10	29	<10	<1	58
81	27082	<0.2	0.10	1235	20	10	1.42	3	10	98	2	3.25	<10	0.49	272	3	<0.01	12	80	<2	<5	<20	69	0.03	<10	11	<10	<1	5
82	27083	<0.2	3.33	25	65	<5	3.47	<1	41	126	95	5.43	<10	3.14	1012	9	0.02	101	350	48	35	<20	33	0.17	<10	77	<10	<1	61
83	27084	0.7	0.38	>10000	60	25	3.34	17	47	23	33	>10	<10	2.78	1450	10	0.01	40	530	6	35	<20	353	0.06	<10	44	<10	<1	40
84	27085	<0.2	2.18	125	95	<5	8.18	<1	35	48	105	5.56	200	1.73	682	6	0.02	39	5230	40	5	<20	752	0.06	<10	158	<10	3	56
85	27086	0.2	1.09	1445	115	25	7.59	5	43	17	51	8.93	<10	2.87	1523	8	0.01	37	870	12	25	<20	286	0.05	<10	34	<10	<1	77
86	27087	1.0	0.25	8225	70	35	2.76	24	51	31	33	>10	<10	2.39	1351	10	<0.01	56	540	6	25	<20	238	0.06	<10	26	<10	<1	39
87	27088	0.3	0.38	545	65	15	6.33	4	40	31	50	7.97	<10	3.19	1424	8	0.01	39	410	2	20	<20	271	0.04	<10	28	<10	<1	59
88	27089	2.6	0.30	1410	65	20	4.48	6	43	50	176	9.32	<10	2.98	1238	5	0.01	42	360	8	85	<20	221	0.06	<10	31	<10	<1	68
89	27090	2.0	0.28	395	30	10	0.32	2	10	30	58	3.46	<10	0.05	148	9	0.01	13	430	24	15	<20	7	0.02	<10	16	<10	2	98
90	27091	<0.2	0.46	60	60	35	5.87	4	43	27	83	9.00	<10	3.48	1479	9	0.04	41	640	8	25	<20	121	0.05	<10	44	<10	<1	84
91	27092	<0.2	0.42	90	55	25	6.50	5	39	25	51	8.34	<10	3.35	1413	11	0.03	49	580	4	40	<20	139	0.04	<10	39	<10	<1	83
92	27093	0.5	0.25	1255	60	25	7.52	6	36	34	38	6.01	<10	3.23	1302	5	0.01	45	330	6	20	<20	363	0.04	<10	22	<10	2	35
93	27094	<0.2	0.47	85	45	20	8.07	3	38	28	64	6.99	<10	3.55	1346	6	0.02	50	350	4	20	<20	173	0.04	<10	41	<10	<1	50
94	27095	0.2	0.29	225	60	35	8.66	3	39	21	45	6.69	<10	3.52	1381	7	0.01	50	370	2	20	<20	349	0.04	<10	30	<10	3	64
95	27096	0.4	0.50	1325	60	25	>10	7	30	36	26	6.77	<10	2.63	1416	6	0.01	29	540	10	25	<20	264	0.04	<10	33	<10	1	32
96	27097	<0.2	0.58	<5	55	30	6.02	4	38	18	35	9.53	<10	3.14	1409	7	0.05	34	800	6	15	<20	102	0.06	<10	47	<10	<1	93
97	27098	<0.2	0.63	15	60	25	6.20	5	44	21	63	9.58	<10	3.14	1486	10	0.04	43	780	8	40	<20	121	0.05	<10	41	<10	<1	94
98	27099	0.2	0.39	1285	80	25	5.17	9	48	16	52	>10	<10	3.01	1427	10	0.01	48	790	4	35	<20	265	0.05	<10	35	<10	<1	77
99	27100	2.1	0.27	375	25	20	0.30	2	10	29	56	3.44	<10	0.05	146	7	<0.01	13	430	22	10	<20	7	0.04	<10	16	<10	1	100
QC DATA:																													
Repeat:																													
1	G32285	0.3	0.67	145	95	10	6.45	11	43	31	48	>10	<10	3.92	1392	<1	0.17	35	980	12	<5	<20	81	<0.01	<10	68	<10	5	44
10	G32295	0.2	3.13	55	55	<5	4.34	8	44	73	79	7.72	<10	2.85	1147	<1	0.09	34	1020	16	<5	<20	73	0.36	<10	246	<10	15	66
19	178658	0.3	2.59	40	40	<5	2.06	5	42	107	82	5.99	<10	2.09	777	<1	0.15	44	870	10	5	<20	38	0.40	<10	154	<10	8	54
36	27037	<0.2	2.73	5	55	45	7.23	3	42	21	29	>10	<10	3.08	2008	11	0.03	37	950	36	20	<20	203	0.08	<10	380	<10	<1	86
45	27046	<0.2	3.46	<5	45	35	5.80	2	49	22	58	9.45	<10	2.96	1593	11	0.02	34	920	48	20	<20	188	0.10	<10	384	<10	<1	107

Et #.	Tag #	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
54	27055	<0.2	1.41	<5	60	45	4.82	3	49	12	64	>10	<10	2.55	1436	10	0.03	31	830	20	20	<20	97	0.07	<10	206	<10	<1	107
71	27072	<0.2	3.51	<5	50	75	4.22	3	53	30	102	>10	<10	3.48	1517	11	0.02	38	940	52	35	<20	187	0.21	<10	396	<10	14	119
80	27081	0.8	0.30	3080	65	20	3.40	15	48	13	33	9.62	<10	2.55	1485	10	0.01	34	580	4	30	<20	296	0.05	<10	28	<10	<1	60
89	27090	2.1	0.28	380	35	10	0.22	1	10	30	57	3.42	<10	0.06	146	9	<0.01	14	440	26	15	<20	3	0.02	<10	17	<10	3	98
Resplit:																													
1	G32285	<0.2	0.75	140	70	10	6.27	8	45	38	46	>10	<10	3.75	1475	<1	0.16	40	990	12	<5	<20	79	<0.01	<10	66	<10	6	51
36	27037	<0.2	2.50	10	40	35	7.05	5	43	19	26	>10	<10	2.85	1743	10	0.02	43	920	36	55	<20	186	0.05	<10	343	<10	<1	83
71	27072	<0.2	3.17	<5	55	60	4.08	4	50	25	97	>10	<10	3.13	1435	12	0.02	37	930	52	35	<20	175	0.22	<10	372	<10	14	112
Standard:																													
Pb113		11.4	0.27	55	45	<5	1.76	39	2	5	2341	1.11	<10	0.13	1488	69	0.02	3	60	5404	25	<20	75	<0.01	<10	10	<10	<1	6949
Pb113		10.9	0.26	50	40	<5	1.75	40	2	5	2286	1.10	<10	0.14	1472	71	0.02	5	70	5480	20	<20	76	<0.01	<10	11	<10	<1	6922
Pb113		10.9	0.32	55	70	<5	1.83	47	2	3	2359	1.16	<10	0.14	1514	60	0.04	2	70	5430	15	<20	81	0.01	<10	9	<10	<1	6922

ECO TECH LABORATORY LTD.
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B.C. Certified Assayer

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8-Aug-07

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 2007- 7159

Cusac Gold Mines Ltd.
Ste. 1600-409 Granville St.
Vancouver, BC
V6C 1T2

No. of samples received: 150
Sample Type: Core
Project: Taurus
Shipment #: 07-007
Submitted by: Lesley Hunt/Mike Glover

Values in ppm unless otherwise reported

Et #.	Tag #	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	27101	1.0	0.31	2760	85	30	4.13	18	46	36	49	>10	<10	2.82	1402	6	0.01	41	550	6	<5	<20	256	0.06	<10	31	<10	<1	63
2	27102	15.0	0.03	505	10	<5	0.21	4	2	157	280	0.53	<10	0.08	60	2	<0.01	4	<10	<2	160	<20	13	<0.01	<10	2	<10	<1	369
3	27103	2.2	0.28	6940	75	25	5.55	42	41	40	71	8.70	<10	2.74	1371	5	0.01	33	450	6	25	<20	314	0.05	<10	25	<10	<1	67
4	27104	<0.2	0.60	15	70	15	5.33	2	44	25	61	>10	<10	2.92	1499	5	0.04	26	860	6	<5	<20	112	0.06	<10	42	<10	<1	96
5	27105	0.4	0.25	1925	85	30	4.50	14	47	25	33	>10	<10	3.08	1584	6	0.02	30	700	4	<5	<20	328	0.06	<10	36	<10	<1	59
6	27106	<0.2	1.00	425	75	40	6.19	5	41	27	45	9.70	<10	3.35	1486	5	0.03	38	700	12	<5	<20	162	0.06	<10	39	<10	<1	89
7	27107	0.3	0.24	3455	75	20	5.81	22	37	50	46	7.73	<10	2.90	1325	5	0.02	34	460	6	10	<20	235	0.05	<10	27	<10	<1	82
8	27108	<0.2	0.39	785	75	40	5.99	7	42	30	51	8.71	<10	3.28	1473	5	0.03	40	610	6	5	<20	158	0.05	<10	37	<10	<1	77
9	27109	0.5	0.31	1900	85	15	4.99	12	45	53	31	9.52	<10	2.80	1359	5	0.01	43	1150	8	<5	<20	384	0.06	<10	27	<10	1	39
10	27110	2.8	0.24	425	40	5	0.12	1	31	1399	46	3.23	<10	0.04	208	19	0.01	1111	230	8	10	<20	5	0.02	<10	23	<10	2	30
11	27111	<0.2	2.92	30	70	20	6.49	2	43	82	60	9.40	<10	3.33	1464	6	0.02	39	760	34	<5	<20	115	0.06	<10	255	<10	<1	89
12	27112	<0.2	3.84	<5	60	35	6.54	1	44	114	58	9.24	<10	3.57	1469	5	0.02	43	690	48	<5	<20	130	0.07	<10	302	<10	2	87
13	27113	<0.2	0.49	<5	70	15	6.10	2	41	34	60	8.52	<10	3.18	1401	5	0.02	37	620	8	<5	<20	253	0.05	<10	44	<10	3	82
14	27114	<0.2	3.57	15	870	25	2.79	<1	43	125	71	7.56	<10	3.46	1353	3	0.01	43	750	46	<5	<20	158	0.28	<10	205	<10	10	88
15	27115	<0.2	4.55	<5	55	25	6.46	1	45	104	54	9.26	<10	3.56	1420	6	0.02	41	790	54	<5	<20	121	0.08	<10	376	<10	3	91
16	27116	<0.2	2.71	20	100	25	6.17	1	42	76	48	8.87	<10	3.38	1451	5	0.01	37	740	32	<5	<20	150	0.06	<10	230	<10	4	90
17	27117	0.5	0.28	1150	80	35	5.75	9	46	23	23	9.29	<10	3.39	1567	5	0.01	43	540	6	5	<20	372	0.06	<10	26	<10	<1	43
18	27118	0.4	0.30	>10000	80	25	3.67	123	48	69	13	>10	<10	1.83	859	4	0.01	47	1340	10	<5	<20	270	0.06	<10	24	<10	<1	33
19	27119	0.5	0.27	315	65	40	8.02	4	40	31	46	6.91	<10	3.65	1589	5	0.02	38	550	6	15	<20	404	0.05	<10	27	<10	2	50
20	27120	<0.2	1.83	55	110	15	1.75	<1	27	916	63	3.52	<10	0.81	516	14	0.17	721	650	44	<5	<20	57	0.14	<10	76	<10	6	34
21	27121	0.4	0.31	440	70	25	8.31	4	41	27	42	7.12	<10	3.73	1635	4	0.02	37	660	6	10	<20	451	0.05	<10	29	<10	2	48
22	27122	<0.2	0.54	50	65	20	6.67	3	41	28	52	7.92	<10	3.68	1406	6	0.05	45	420	8	20	<20	162	0.04	<10	38	<10	<1	70
23	27123	<0.2	0.39	45	60	15	7.10	2	43	34	54	7.95	<10	3.72	1411	4	0.06	44	430	4	<5	<20	169	0.05	<10	38	<10	<1	66
24	27124	<0.2	0.43	55	60	30	6.87	2	41	31	66	7.68	<10	3.54	1379	4	0.06	40	430	8	15	<20	142	0.05	<10	36	<10	1	69
25	27125	0.4	0.28	1550	80	30	7.73	11	43	27	46	7.89	<10	3.48	1412	4	0.02	41	420	6	25	<20	352	0.05	<10	29	<10	1	60

Et #.	Tag #	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
26	27126	0.3	0.23	7445	80	20	6.42	42	51	27	8	8.77	<10	3.49	1574	4	0.01	56	150	6	5	<20	416	0.06	<10	23	<10	<1	34
27	27127	0.2	0.26	6790	80	40	6.55	39	41	19	9	8.29	<10	3.37	1498	5	0.02	40	230	8	5	<20	407	0.05	<10	26	<10	<1	37
28	27128	<0.2	2.60	95	65	15	7.10	2	44	52	60	8.44	<10	3.39	1409	6	0.02	40	700	42	<5	<20	120	0.06	<10	210	<10	<1	86
29	27129	<0.2	3.99	50	45	30	7.18	<1	44	70	58	8.09	<10	3.34	1385	5	0.02	39	760	68	<5	<20	86	0.08	<10	320	<10	1	81
30	27130	4.5	1.22	295	45	<5	0.37	4	14	32	575	5.03	<10	1.16	294	13	0.02	18	400	118	30	<20	7	0.03	<10	23	<10	<1	545
31	27131	<0.2	3.95	15	50	25	7.28	<1	42	70	63	8.15	<10	3.34	1473	5	0.02	39	720	62	<5	<20	151	0.08	<10	323	<10	1	80
32	27132	<0.2	4.09	15	45	10	7.22	<1	44	76	59	8.52	<10	3.58	1550	4	0.02	42	720	66	<5	<20	202	0.08	<10	334	<10	<1	84
33	27133	<0.2	3.26	35	55	30	7.22	1	43	69	71	8.33	<10	3.21	1376	6	0.02	43	730	50	10	<20	127	0.06	<10	272	<10	<1	82
34	27134	<0.2	1.19	95	50	20	6.42	2	40	49	70	7.79	<10	3.08	1360	4	0.09	40	640	18	5	<20	92	0.05	<10	122	<10	<1	70
35	27135	<0.2	0.44	80	50	20	7.97	2	43	20	44	8.35	<10	3.49	1458	5	0.13	42	630	6	<5	<20	123	0.05	<10	55	<10	<1	68
36	27136	<0.2	0.31	70	45	25	6.72	2	40	16	58	7.47	<10	3.13	1291	4	0.08	37	640	8	5	<20	85	0.04	<10	44	<10	<1	76
37	27137	<0.2	0.48	1880	60	10	7.18	10	42	20	56	7.94	<10	3.01	1314	4	0.04	40	630	10	5	<20	171	0.05	<10	35	<10	<1	74
38	27138	<0.2	0.91	415	75	45	6.17	4	45	21	51	>10	<10	3.42	1593	6	0.03	42	550	16	<5	<20	171	0.06	<10	44	<10	<1	93
39	27139	<0.2	0.71	165	60	30	6.42	3	43	20	63	8.47	<10	3.25	1400	4	0.05	41	630	12	20	<20	142	0.05	<10	36	<10	<1	83
40	27140	2.3	0.29	355	40	15	0.27	2	10	30	55	3.45	<10	0.05	147	9	<0.01	15	450	26	25	<20	5	0.02	<10	16	<10	2	107
41	27141	<0.2	0.90	100	65	40	6.88	2	42	14	55	8.40	<10	3.00	1281	4	0.05	39	640	16	<5	<20	130	0.05	<10	37	<10	<1	90
42	27142	<0.2	0.86	7990	55	25	7.35	40	36	37	54	7.14	<10	2.54	1093	3	0.01	34	540	18	15	<20	238	0.04	<10	28	<10	<1	61
43	27143	<0.2	0.99	135	50	35	6.91	3	42	12	58	8.35	<10	3.14	1317	7	0.05	42	680	16	10	<20	135	0.04	<10	39	<10	<1	75
44	27144	<0.2	0.46	65	50	10	6.48	2	43	19	65	8.31	<10	3.25	1326	5	0.08	39	640	8	<5	<20	84	0.05	<10	45	<10	<1	84
45	27145	<0.2	0.39	80	85	20	5.83	2	43	16	64	8.63	<10	3.46	1380	5	0.04	41	630	6	<5	<20	125	0.05	<10	44	<10	<1	85
46	27146	<0.2	0.33	850	95	20	8.07	4	49	17	8	8.32	<10	3.58	1672	4	0.02	48	220	6	<5	<20	385	0.05	<10	39	<10	<1	42
47	27147	<0.2	0.25	710	80	30	9.38	5	49	12	6	8.34	<10	3.95	1789	4	0.01	47	290	8	<5	<20	441	0.06	<10	35	<10	<1	48
48	27148	<0.2	1.26	115	80	30	5.98	2	47	17	63	9.23	<10	3.11	1240	4	0.02	44	680	20	<5	<20	166	0.05	<10	39	<10	<1	87
49	27149	0.5	0.36	7345	85	25	6.28	25	48	10	52	9.42	<10	3.18	1427	5	0.01	46	520	8	<5	<20	279	0.06	<10	26	<10	<1	93
50	27150	<0.2	1.81	50	110	25	1.73	<1	27	921	62	3.58	<10	0.78	519	14	0.16	736	670	40	<5	<20	55	0.14	<10	82	<10	5	36
51	27151	<0.2	1.57	120	65	10	6.86	<1	44	33	61	8.46	<10	3.43	1320	4	0.03	58	550	26	<5	<20	172	0.05	<10	69	<10	<1	75
52	27152	<0.2	1.04	275	55	30	6.63	2	41	28	48	8.11	<10	3.23	1352	4	0.06	48	540	18	<5	<20	137	0.05	<10	59	<10	<1	79
53	27153	<0.2	1.61	100	45	25	6.96	1	42	38	53	7.91	<10	3.40	1332	4	0.05	56	500	26	<5	<20	168	0.05	<10	87	<10	<1	68
54	27154	1.7	0.32	9440	75	20	7.63	29	41	21	68	8.13	<10	3.24	1422	4	0.01	46	480	6	<5	<20	340	0.05	<10	23	<10	<1	155
55	27155	<0.2	0.72	155	60	20	6.69	2	42	18	49	8.36	<10	3.07	1326	4	0.04	47	550	14	<5	<20	153	0.05	<10	37	<10	2	61
56	27156	<0.2	1.68	65	50	35	6.43	2	43	40	60	9.06	<10	3.44	1366	5	0.05	40	770	28	<5	<20	106	0.05	<10	128	<10	<1	90
57	27157	<0.2	2.46	65	50	20	6.98	<1	44	51	65	8.97	<10	3.50	1456	4	0.04	38	660	40	<5	<20	127	0.05	<10	182	<10	<1	90
58	27158	<0.2	2.39	60	45	15	6.39	1	40	59	58	8.07	<10	3.08	1558	4	0.04	36	690	38	<5	<20	192	0.05	<10	192	<10	<1	91
59	27159	<0.2	2.06	100	30	20	7.06	1	50	55	75	6.68	<10	1.68	1325	4	0.03	46	830	36	<5	<20	506	0.04	<10	207	<10	4	101
60	27160	4.5	1.27	330	45	<5	0.38	2	15	33	542	5.17	<10	1.20	305	12	0.02	18	370	124	35	<20	8	0.04	<10	24	<10	<1	559
61	27161	<0.2	3.34	275	245	45	7.90	2	45	55	67	9.02	<10	3.28	1208	5	0.03	40	770	62	<5	<20	310	0.08	<10	271	<10	11	77
62	27162	<0.2	2.22	45	575	<5	5.86	<1	28	317	34	4.44	60	4.36	793	5	0.04	168	3770	58	15	<20	1041	0.12	<10	109	<10	7	62
63	27163	0.4	0.66	680	55	15	6.80	3	43	21	63	8.21	<10	3.07	1562	4	0.02	42	800	44	10	<20	917	0.05	<10	74	<10	10	71
64	27164	<0.2	1.97	65	320	<5	6.25	<1	29	267	30	4.26	70	4.13	839	5	0.02	165	4680	66	20	<20	1201	0.09	<10	96	<10	5	58
65	27165	<0.2	2.33	50	1355	<5	5.47	<1	25	322	34	4.36	110	3.79	835	3	0.03	159	4160	72	10	<20	785	0.26	<10	133	<10	5	54

Et #.	Tag #	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
66	27166	0.3	3.27	535	85	45	6.85	3	47	41	53	>10	<10	2.89	1147	5	0.02	43	940	182	<5	<20	489	0.08	<10	285	<10	16	122
67	27167	0.3	1.08	1940	85	50	6.89	7	49	26	20	9.33	<10	2.28	1554	4	0.01	39	760	48	<5	<20	302	0.06	<10	136	<10	9	70
68	27168	<0.2	2.07	340	70	15	7.70	2	42	26	50	9.29	<10	2.67	1704	4	0.02	30	860	36	<5	<20	169	0.06	<10	166	<10	4	82
69	27169	0.2	0.87	8530	75	35	>10	26	42	21	21	9.11	<10	3.21	1658	5	0.02	29	770	20	<5	<20	302	0.06	<10	48	<10	3	64
70	27170	<0.2	1.85	65	110	20	1.70	<1	28	945	62	3.65	<10	0.82	530	14	0.17	760	680	44	<5	<20	56	0.14	<10	78	<10	4	38
71	27171	<0.2	1.37	85	55	20	6.95	2	46	44	64	9.26	<10	3.10	1510	5	0.03	36	870	28	<5	<20	107	0.05	<10	130	<10	<1	93
72	27172	<0.2	3.87	20	40	10	7.13	<1	41	153	64	7.40	<10	3.51	1197	5	0.02	53	510	74	<5	<20	111	0.06	<10	287	<10	<1	78
73	27173	<0.2	3.31	60	45	15	6.88	<1	43	135	63	8.00	<10	3.53	1324	4	0.02	51	560	66	<5	<20	96	0.05	<10	267	<10	2	83
74	27174	<0.2	3.21	35	265	30	4.91	<1	42	126	64	6.79	<10	2.95	1208	7	0.03	54	630	68	15	<20	143	0.13	<10	209	<10	9	78
75	27175	<0.2	3.45	20	520	55	3.51	<1	49	115	62	7.69	<10	3.34	1319	4	0.02	49	890	72	5	<20	95	0.37	<10	242	<10	11	98
76	27176	<0.2	4.13	10	135	45	3.59	<1	52	110	52	9.30	<10	3.64	1409	6	0.02	56	1020	80	5	<20	100	0.13	<10	257	<10	6	109
77	27177	<0.2	2.32	25	45	20	6.61	<1	35	88	58	5.23	<10	1.76	976	3	0.01	43	870	50	<5	<20	128	0.04	<10	195	<10	16	71
78	27178	<0.2	1.01	100	90	25	7.68	1	43	50	54	8.35	<10	3.08	1566	5	0.05	43	830	20	<5	<20	126	0.05	<10	120	<10	<1	92
79	27179	<0.2	0.34	90	55	<5	6.79	5	35	64	928	7.95	<10	2.90	1406	11	0.06	37	850	8	20	<20	94	0.04	<10	50	<10	<1	2098
80	27180	2.1	0.27	405	35	15	0.30	1	11	30	54	3.53	<10	0.05	151	9	<0.01	17	470	26	25	<20	7	0.02	<10	16	<10	3	103
81	27181	<0.2	1.08	135	60	25	6.64	2	46	44	63	9.64	<10	3.52	1552	6	0.07	41	860	20	<5	<20	94	0.05	<10	94	<10	<1	93
82	27182	<0.2	2.51	80	55	35	6.56	2	45	61	58	9.26	<10	3.49	1502	7	0.04	42	910	48	<5	<20	87	0.05	<10	200	<10	<1	107
83	27183	<0.2	0.71	100	50	20	7.15	1	43	46	67	8.59	<10	3.03	1451	5	0.06	38	800	14	<5	<20	87	0.05	<10	89	<10	<1	97
84	27184	<0.2	0.31	1540	65	40	7.84	6	41	30	64	8.12	<10	3.11	1492	5	0.05	39	710	8	<5	<20	108	0.05	<10	31	<10	<1	71
85	27185	<0.2	1.68	190	60	20	6.90	2	45	45	61	9.53	<10	3.27	1458	5	0.05	41	870	34	<5	<20	185	0.05	<10	106	<10	<1	99
86	27186	<0.2	2.49	135	55	30	6.55	1	47	56	71	9.69	<10	3.40	1628	5	0.03	39	850	54	<5	<20	222	0.06	<10	155	<10	2	85
87	27187	<0.2	2.45	420	50	40	7.77	3	44	46	77	9.35	<10	3.24	1412	5	0.03	44	820	52	10	<20	446	0.06	<10	188	<10	5	103
88	27188	<0.2	2.56	80	65	25	7.58	1	42	69	40	6.96	20	2.32	1195	5	0.03	67	1510	106	5	<20	521	0.05	<10	232	<10	19	108
89	27189	<0.2	1.68	35	1335	<5	4.24	<1	21	166	28	3.80	110	2.70	635	3	0.04	118	3740	58	15	<20	616	0.21	<10	118	<10	5	51
90	27190	<0.2	1.78	60	115	20	1.75	<1	28	943	61	3.64	<10	0.76	525	14	0.16	762	700	46	<5	<20	58	0.13	<10	83	<10	4	39
91	27191	<0.2	1.85	45	1490	<5	3.93	<1	22	228	36	4.13	110	2.90	682	4	0.04	120	3950	64	10	<20	478	0.21	<10	132	<10	6	52
92	27192	<0.2	2.92	55	65	45	>10	<1	38	147	24	7.55	<10	2.76	1887	5	0.03	55	830	66	<5	<20	492	0.08	<10	272	<10	14	78
93	27193	<0.2	2.78	105	50	10	7.21	1	48	122	50	8.99	<10	3.35	1552	5	0.03	55	820	54	<5	<20	143	0.05	<10	238	<10	2	97
94	27194	<0.2	2.30	110	55	25	7.61	1	40	102	68	8.14	<10	2.90	1519	5	0.03	52	1030	48	<5	<20	104	0.05	<10	187	<10	1	85
95	27195	<0.2	3.00	85	55	40	2.88	<1	52	140	64	7.44	<10	2.15	1088	3	0.03	53	1000	66	<5	<20	62	0.27	<10	221	<10	8	87
96	27196	<0.2	2.61	85	40	50	2.64	<1	45	91	66	6.38	<10	1.91	1074	3	0.03	40	790	60	10	<20	42	0.36	<10	176	<10	8	75
97	27197	<0.2	3.58	75	45	45	4.65	<1	52	122	68	8.59	<10	2.98	1372	3	0.03	52	860	72	<5	<20	80	0.32	<10	296	<10	8	91
98	27198	<0.2	3.85	70	40	25	6.15	<1	51	124	63	8.56	<10	3.04	1520	4	0.03	52	670	78	<5	<20	129	0.06	<10	293	<10	7	94
99	27199	<0.2	3.43	2140	45	20	>10	<1	45	65	49	7.52	<10	2.94	1543	4	0.01	45	520	68	<5	<20	157	0.05	<10	191	<10	<1	72
100	27200	4.6	1.23	360	45	<5	0.35	2	15	34	583	5.25	<10	1.14	307	12	0.02	19	380	132	35	<20	5	0.04	<10	24	<10	<1	601
101	36501	<0.2	4.15	110	40	30	8.12	<1	46	70	61	8.55	<10	3.34	1534	5	0.02	41	660	82	<5	<20	125	0.06	<10	298	<10	<1	86
102	36502	<0.2	4.07	135	45	25	8.59	<1	45	59	64	8.89	<10	3.16	1564	6	0.02	38	700	82	<5	<20	150	0.06	<10	352	<10	6	89
103	36503	<0.2	3.85	95	45	40	8.90	1	47	67	60	8.73	<10	3.10	1515	7	0.02	37	690	78	5	<20	112	0.08	<10	346	<10	5	88
104	36504	<0.2	3.51	85	50	30	8.08	<1	47	62	60	8.27	<10	2.94	1350	5	0.02	38	770	74	<5	<20	91	0.09	<10	314	<10	13	96
105	36505	<0.2	2.58	65	40	45	3.90	<1	51	66	70	6.75	<10	2.15	961	3	0.03	39	780	60	10	<20	67	0.30	<10	199	<10	9	77

Et #.	Tag #	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
106	36506	<0.2	2.81	50	70	55	3.72	<1	53	54	70	8.20	<10	2.51	1313	4	0.04	38	890	66	<5	<20	70	0.31	<10	260	<10	13	96
107	36507	<0.2	2.75	40	45	45	5.79	<1	48	60	66	8.00	<10	2.44	1341	4	0.03	39	750	62	<5	<20	60	0.19	<10	285	<10	18	91
108	36508	<0.2	3.72	10	75	25	5.07	<1	51	67	73	9.39	<10	3.28	1575	5	0.03	41	760	80	<5	<20	72	0.20	<10	347	<10	13	103
109	36509	<0.2	3.94	10	335	50	6.46	<1	48	65	49	>10	<10	3.25	2232	7	0.05	38	830	82	<5	<20	148	0.08	<10	404	<10	16	115
110	36510	2.1	0.28	410	30	5	0.28	<1	11	31	52	3.50	<10	0.05	151	9	<0.01	17	470	28	30	<20	7	0.02	<10	17	<10	2	114
111	178673	<0.2	0.01	35	<5	<5	0.52	<1	<1	169	2	0.38	<10	0.12	95	<1	<0.01	4	<10	<2	<5	<20	12	<0.01	<10	2	<10	<1	1
112	178674	<0.2	<0.01	40	<5	<5	1.36	<1	1	185	2	0.85	<10	0.50	295	1	<0.01	5	60	<2	5	<20	78	<0.01	<10	3	<10	<1	4
113	178675	<0.2	<0.01	30	<5	10	0.20	<1	1	192	2	0.32	<10	0.07	55	<1	<0.01	4	30	<2	<5	<20	10	<0.01	<10	1	<10	<1	<1
114	178676	<0.2	0.02	165	15	<5	0.68	<1	6	203	4	1.47	<10	0.25	159	<1	<0.01	10	20	4	<5	<20	36	0.02	<10	3	<10	<1	2
115	178677	0.4	0.17	1345	80	40	6.25	<1	49	17	16	>10	<10	3.59	1896	5	<0.01	47	220	8	<5	<20	326	0.06	<10	24	<10	<1	43
116	178678	0.6	0.17	920	65	40	5.78	3	44	42	18	7.64	<10	3.05	1554	5	<0.01	46	260	6	25	<20	333	0.04	<10	21	<10	<1	37
117	178679	1.2	0.17	1725	75	20	6.58	2	54	17	37	>10	<10	3.54	1746	5	<0.01	51	330	12	25	<20	283	0.06	<10	26	<10	<1	50
118	178680	<0.2	1.85	85	110	25	1.62	<1	30	990	63	3.82	<10	0.78	548	15	0.16	803	710	56	<5	<20	62	0.13	<10	79	<10	4	40
119	178681	0.9	0.16	1310	85	40	6.61	2	50	17	35	9.87	<10	3.25	1609	5	<0.01	47	440	12	10	<20	297	0.06	<10	23	10	<1	50
120	178682	0.3	0.16	770	70	25	7.84	1	44	16	41	7.88	<10	3.06	1459	4	0.01	44	530	8	15	<20	294	0.05	<10	24	<10	<1	53
121	178683	0.9	0.23	720	70	50	6.13	3	46	16	53	8.56	<10	2.98	1410	5	<0.01	50	510	12	10	<20	284	0.05	<10	28	<10	<1	63
122	178684	<0.2	0.18	280	55	20	7.61	1	42	14	83	7.72	<10	3.08	1451	3	<0.01	41	560	6	10	<20	315	0.04	<10	27	<10	1	64
123	178685	<0.2	1.43	60	50	15	4.53	<1	41	57	64	7.26	<10	1.85	1132	3	<0.01	38	630	36	<5	<20	89	0.04	<10	171	<10	3	88
124	178686	<0.2	1.72	15	65	30	3.53	<1	56	59	74	9.35	<10	1.66	2473	6	<0.01	46	890	44	<5	<20	53	0.06	<10	269	<10	3	112
125	178687	<0.2	0.37	125	60	35	8.42	<1	43	25	50	8.02	<10	2.96	1401	4	<0.01	44	630	12	10	<20	310	0.05	<10	29	<10	<1	78
126	178688	<0.2	0.30	120	70	15	7.11	<1	43	23	61	7.96	<10	3.02	1397	4	<0.01	44	620	12	5	<20	271	0.05	<10	25	<10	1	84
127	178689	<0.2	0.31	110	65	15	7.15	2	43	23	60	7.91	<10	3.06	1347	5	<0.01	45	580	10	15	<20	268	0.04	<10	22	<10	<1	79
128	178690	2.3	0.28	455	25	20	0.24	<1	11	33	53	3.70	<10	0.05	156	10	<0.01	18	460	32	30	<20	3	0.01	<10	17	<10	3	105
129	178691	<0.2	0.42	145	60	25	7.13	<1	44	26	61	7.24	<10	2.92	1354	4	<0.01	43	620	12	10	<20	265	0.04	<10	22	<10	<1	81
130	178692	<0.2	3.46	35	50	30	6.69	<1	50	82	71	9.33	<10	3.35	1341	4	0.01	53	690	84	<5	<20	106	0.05	<10	224	<10	<1	92
131	178693	<0.2	3.86	45	40	15	7.97	<1	45	97	69	8.14	<10	3.33	1330	4	0.02	47	660	92	<5	<20	99	0.07	<10	315	<10	<1	87
132	178694	<0.2	3.88	30	40	25	7.98	<1	47	77	61	8.47	<10	3.26	1389	3	0.02	45	700	90	<5	<20	134	0.09	<10	327	<10	<1	91
133	178695	<0.2	3.75	20	25	20	8.08	<1	44	70	61	8.11	<10	3.07	1441	2	0.02	41	720	82	<5	<20	101	0.10	<10	324	<10	<1	88
134	178696	<0.2	3.33	80	65	15	7.71	<1	46	111	68	8.29	<10	3.37	1412	4	0.02	48	630	74	<5	<20	67	0.07	<10	299	<10	<1	84
135	178697	<0.2	3.90	60	35	35	7.94	<1	44	152	73	7.94	<10	3.42	1306	4	0.02	53	610	90	<5	<20	50	0.10	<10	317	<10	<1	79
136	178698	<0.2	3.83	70	40	35	7.58	<1	45	151	64	7.80	<10	3.38	1329	3	0.02	51	600	94	<5	<20	58	0.09	<10	307	<10	<1	79
137	178699	<0.2	3.75	85	40	20	7.72	<1	48	158	69	8.14	<10	3.60	1476	4	0.02	54	620	90	<5	<20	86	0.09	<10	311	<10	<1	84
138	178700	<0.2	1.86	75	115	20	1.64	<1	29	971	62	3.85	<10	0.77	548	15	0.16	791	670	56	<5	<20	58	0.14	<10	80	<10	3	37
139	178701	<0.2	3.28	80	40	20	7.58	<1	49	157	76	8.21	<10	3.41	1485	4	0.02	55	620	82	<5	<20	102	0.08	<10	282	<10	<1	83
140	178702	<0.2	2.62	95	45	15	6.70	<1	47	133	61	8.59	<10	3.82	1588	5	0.02	53	570	64	10	<20	70	0.06	<10	198	<10	<1	89
141	178703	<0.2	2.36	65	45	25	5.47	<1	51	47	60	>10	<10	3.18	1578	7	0.02	40	780	60	<5	<20	53	0.05	<10	149	<10	<1	109
142	178704	<0.2	0.32	35	50	40	5.08	2	48	25	63	>10	<10	3.33	1751	6	0.04	38	800	8	<5	<20	69	0.06	<10	37	<10	<1	117
143	178705	<0.2	0.66	<5	50	20	5.84	1	47	26	60	>10	<10	2.80	1612	5	0.05	33	710	18	<5	<20	81	0.06	<10	39	<10	<1	114
144	178706	<0.2	1.41	<5	50	40	6.15	2	53	26	82	9.82	<10	2.82	1615	6	0.04	40	710	36	<5	<20	99	0.05	<10	42	<10	<1	122
145	178707	<0.2	1.21	<5	50	25	6.53	1	50	25	30	9.09	<10	2.87	1543	5	0.04	37	880	30	<5	<20	104	0.05	<10	51	<10	<1	130

Et #.	Tag #	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
146	178708	<0.2	1.30	<5	50	35	6.06	<1	52	23	30	9.20	<10	2.67	1590	5	0.04	36	900	32	<5	<20	90	0.05	<10	62	<10	<1	116
147	178709	<0.2	0.40	<5	60	45	6.68	2	50	25	22	9.18	<10	2.83	1810	4	0.05	32	810	12	<5	<20	97	0.06	<10	52	<10	<1	107
148	178710	0.6	0.56	280	45	10	0.19	<1	23	737	71	3.26	<10	0.11	202	14	0.01	620	380	22	10	<20	4	0.02	<10	23	<10	2	53
149	178711	<0.2	0.98	<5	50	15	6.94	1	51	26	84	9.82	<10	2.84	1803	5	0.05	36	840	26	<5	<20	116	0.05	<10	41	<10	<1	113
150	178712	<0.2	0.89	<5	55	30	6.69	2	49	21	93	9.91	<10	2.76	1691	5	0.04	32	860	24	<5	<20	112	0.06	<10	38	<10	<1	112
QC DATA:																													
Repeat:																													
1	27101	0.8	0.34	2775	95	30	4.22	19	48	37	48	>10	<10	2.84	1417	6	0.02	43	560	6	<5	<20	255	0.06	<10	32	<10	<1	64
19	27119	0.5	0.23	310	60	5	8.14	2	35	29	48	6.99	<10	3.72	1512	3	0.02	37	480	4	10	<20	390	0.04	<10	24	<10	<1	47
36	27136	<0.2	0.35	80	40	20	6.83	2	40	16	59	7.60	<10	3.24	1318	4	0.09	40	630	4	<5	<20	87	0.04	<10	47	<10	<1	75
45	27145	<0.2	0.42	75	85	25	5.85	3	42	17	62	8.65	<10	3.48	1388	6	0.04	43	630	6	5	<20	127	0.05	<10	46	<10	<1	86
54	27154	1.9	0.36	9670	80	25	7.70	25	42	22	68	8.31	<10	3.27	1440	4	0.01	47	510	8	5	<20	347	0.05	<10	24	<10	<1	165
71	27171	<0.2	1.42	85	60	25	6.99	1	45	42	66	9.34	<10	3.13	1527	5	0.03	33	890	30	<5	<20	114	0.06	<10	133	<10	<1	95
89	27189	<0.2	1.71	35	1400	5	4.27	<1	21	176	28	3.84	110	2.72	638	3	0.04	119	3810	58	10	<20	617	0.23	<10	120	<10	4	52
106	36506	<0.2	2.90	50	80	55	3.81	<1	54	55	64	8.21	<10	2.58	1322	4	0.04	36	910	64	5	<20	79	0.36	<10	270	<10	14	94
115	178677	0.4	0.17	1360	80	45	6.04	2	52	18	16	>10	<10	3.47	1916	6	<0.01	50	230	10	5	<20	328	0.06	<10	24	10	<1	46
124	178686	<0.2	1.74	10	60	30	3.52	<1	54	59	74	9.30	<10	1.67	2464	5	<0.01	46	850	40	<5	<20	50	0.06	<10	269	<10	2	113
141	178703	<0.2	2.41	65	50	30	5.51	<1	53	48	60	>10	<10	3.24	1589	5	0.02	38	770	58	<5	<20	57	0.06	<10	151	<10	<1	109
Resplit:																													
1	27101	1.0	0.34	2800	80	40	4.19	19	51	32	51	>10	<10	2.59	1371	6	0.01	44	560	8	<5	<20	260	0.06	<10	32	<10	<1	66
36	27136	<0.2	0.30	70	45	25	7.05	1	41	20	59	7.69	<10	3.24	1320	4	0.10	41	680	8	<5	<20	91	0.05	<10	50	<10	<1	80
71	27171	<0.2	1.40	80	55	25	6.97	1	48	40	66	9.41	<10	3.11	1517	5	0.03	36	890	28	<5	<20	110	0.05	<10	132	<10	<1	96
106	36506	<0.2	2.97	55	75	55	4.00	<1	56	58	67	8.39	<10	2.57	1380	3	0.04	39	960	70	<5	<20	74	0.30	<10	278	<10	12	103
141	178703	<0.2	2.40	60	55	30	5.49	2	47	46	64	>10	<10	3.22	1568	9	0.02	42	770	60	5	<20	53	0.05	<10	150	<10	<1	108
Standard:																													
Pb113		11.4	0.27	40	55	<5	1.74	38	2	6	2292	1.12	<10	0.11	1486	62	0.02	2	90	5618	10	<20	82	0.02	<10	8	10	<1	6943
Pb113		11.0	0.27	40	50	<5	1.67	39	3	6	2283	1.13	<10	0.11	1510	65	0.02	2	80	5548	15	<20	78	0.02	<10	8	10	<1	7144
Pb113		11.4	0.29	35	65	<5	1.64	39	3	7	2280	1.19	<10	0.11	1560	69	0.02	3	80	5588	15	<20	70	0.02	<10	9	10	<1	7074
Pb113		11.0	0.27	40	50	<5	1.67	39	3	6	2344	1.20	<10	0.10	1571	60	0.02	1	70	5540	15	<20	81	0.02	<10	9	10	<1	7091

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APPENDIX G

METALLURGICAL RECOMMENDATIONS

PROPOSED METALLURGICAL TESTING PROGRAM

(From Wardrop, Technical Report on the Taurus Property, May 15, 2007)

In order to determine the necessary metallurgical parameters required for engineering design purposes, the metallurgical testing of a gold ore requires the following basic tests. More detailed and complex tests will be required should the ore samples prove to refractory. Although some of the ore types from the Taurus property appear to fall in this category, the testwork may only become necessary once the geological assessment of this deposit has been completed.

A representative sample from each of the five ore types is required. Should several drill cores be obtained, it is recommended that a geologist identify the cores with respect to the ore type, namely as T4, or T3B, or T3A, or T2, or T1, during the logging process. The appropriate sections from the different zones can then be separated and subsequently be combined for metallurgical testing.

In this case, a basic test program is recommended to characterize the response to basic metallurgical processes. A subsequent, more detailed test phase, which may include more specific tests, is recommended for the second phase of the project, namely the engineering design and feasibility level study. The bulk of the testwork will be done on the T4-type material, but in order to understand the response of the other ore types, some basic scoping tests will be recommended as well. A minimum sample weight of 50 kg is required for the T4-type material, while about 20 kg is required for each of the other four ore types. Any sample excess should be archived under appropriate storage conditions. The prices are budget estimate costs only.

The following tests are recommended for the characterization of the ore from the Taurus deposit. Some details are also given with each test, or in the subsequent explanation.

		T4-Type	Other Types	Cdn$
1a.	Sample Preparation	+	-	2,000
1b.	Sample Preparation	-	+	2,000
2	Head Assay; generally Au, ICP	+	+	400
3	Grinding (Bond Work Index)	+	-	500
4	Specific Gravity and Bulk Density	+	-	500
5	Mineralogy;3 sample per ore type	+	+	5,000
6a.	Gravity Concentration at 2 grinds	+	-	3,000
6b.	GravityConcentrationat2grinds	-	+	4,000
7a.	Bottle-RollLeach;6including2CIL	+	-	5,000
7b.	Bottle-RollLeach;2foreachoretype	-	+	4,800
8a.	BucketLeach;6sizeswithscreenanalysis	+	-	6,600
8b.	BucketLeach;4sizes	-	+	6,400
9	ColumnLeach;1testwithscreenanalysis	+	-	9,000
10a.	Flotation;6scopingtests	+	-	2,800
10b.	Flotation;2testsperoretype	-	+	3,200
11	CyanideDestruction;2tests	+	-	3,000
12	SettlingTests;2tests	+	-	1,500
13a.	Environmental Tests	+	-	3,000
13b.	Environmental Tests	-	+	2,000
14a.	Supervision and Evaluation of Results	+	-	7,700
14b.	Supervision and Evaluation of Results	-	+	2,600
	T4 – Type Material Only		**Total**	**50,000**
	All Tests as Listed		Total	**75,000**

T4-type material include a size fraction analysis on both the feed as well as the leach residue to determine the extraction per size fraction. This analysis is also extended to the column test should this test be conducted.

The column test duration is anticipated to be 100 days. However, depending on the results obtained from the bottle-roll tests, and the on-going analysis of the column test results, this duration may be revised.

Basic, open-cycle, scoping flotation tests are envisaged at this stage of the testing program. No cleaner flotation stages or locked-cycle tests have been considered at this stage. Should the results indicate that further work is required; another testing study will be initiated at that time.

Some tests may be conducted on products or tailings of a previous test. For example, the gravity concentration tailings may be cyanided to determine the combined effect of gravity concentration followed by cyanide extraction.

The cyanide destruction tests and the environmental tests may be deferred until a process selection has been made.

No costs have been included for oxidative pre-treatment and recovery processes such as biological leaching, or pressure leaching, Although the T4-type material is considered to be the priority for the basic characterization program, the other types (specifically T1, T2, T3A and T3B) are included should the geological program indicate that it may be impractical to separate these types from the T4 material in the deposit during mining.

However, the testing of the other types may become optional, or could be deferred to another phase of the development of the project.
The sample preparation would depend on the amount of sample delivered to the laboratory, and the condition of the samples delivered.
Head assays are only considered to be for gold and the 30-element ICP suite. However, additional analyses may be required (e.g. silver, iron, arsenic, copper, organic carbon, etc.) depending on the nature and objective of that particular test.
A mineralogical evaluation of the various samples, including associations and liberation sizes, will assist in the overall understanding of the various ore samples being tested.
The bucket leach tests for the etc. Diagnostic leaching tests have also been excluded at this stage. Should the need arise, these tests could be incorporated into this recommended program, or a subsequent phase of the project.