### ARIS SUMMARY SHEET

Discrict Geologist, Prince George

Off Confidential: 90.06.09

ASSESSMENT REPORT 18829

MINING DIVISION: Cariboo

PROPERTY:

Gibraltar

LOCATION:

52 33 00 LAT LONG 122 17 00

10 5822237 UTM 548595

NTS 093B09W

CAMP:

037 Gibraltar Area

CLAIM(S):

Gib 8,GG 6

OPERATOR(S):

Gibraltar Mines

AUTHOR(S):

Thon, M.R.

REPORT YEAR:

1989, 61 Pages

COMMODITIES

SEARCHED FOR: Copper, Molybdenum/Molybdenite

**KEYWORDS:** 

Jurassic, Granite Mountain Pluton, Cache Creek Group, Diorites

Basalts, Limestones, Copper, Chalcopyrite

WORK

DONE:

Drilling, Geochemical

DIAD 673.0 m 5 hole(s); NQ

Map(s) - 1; Scale(s) - 1:2400

168 sample(s);CU,MO

RET TED

10567,12452,15611,15712 RE ATS:

MINFILE: 093B 012

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LOG NO:	0616	RD.
ACTION:		
FILE NO:		

DIAMOND DRILL REPORT

ON THE

PURPLE GROUP

Cariboo Mining Division 93 B / 9E & 9W

(Latitude 52° 30', Longitude 122° 16')

OWNER AND OPERATOR

GIBRALTAR MINES LIMITED

McLEESE LAKE, B.C.

GEOLOGICAL BRANCH ASSESSMENT REPORT

18,829

Submitted: June 8, 1989

Author: Madeline R. Thon

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### 1 Introduction

The Purple Group of mineral claims forms part of the Gibraltar Mines permanent property and includes a large portion of the tailings pond. It also includes the northeastern corner of the Gibraltar East Pit and the northwestern and northeastern corners of the Pollyanna Pit. Access to the group is via the main haul road to the Pollyanna pit. The general location of the group is shown in Figure 1.

"The early history of this claim area is somewhat sketchy. It was first described as the Rainbow Group in 1918. A 1925 B.C. Ministry of Mines Report states that "T.H. Jackson holds or held 40 claims in this region, either under option or in virtue of ownership by himself and associates."

In 1925 the area was staked by the Hill brothers as the Pollyanna claims. A 60-foot wide shear system in "granodiorite", showing malachite and azurite mineralization, was exposed by a series of open cuts. An eight foot deep trench exposed a quartz vein 15 feet wide striking N 60° W (magnetic). A grab sample from the dump of this material assayed: gold - trace, silver - trace, copper - 3.5%. Copper mineralization was in the form of azurite, malachite, and chalcopyrite.

The 1928 report indicates five claims being held by F. Conway, Mrs. Conway, T. Thompson, H. B. Hill, and H. F. Hill. The shear system was expanded to a 75-foot width and given a strike and dip of N 55° W (magnetic)/ 45°NE. A trench 15 feet deep and 20 feet long was dug to expose a quartz vein 15 feet wide with a flat dip to the northeast. Mineralization consisted of azurite, malachite and chalcopyrite. A vertical shaft was sunk to a depth of 33 feet. Copper stains and chalcopyrite were visible above the level of the water in the shaft and the top three feet showed 2.00% copper, but no gold or silver. Minor cuprite was noted.

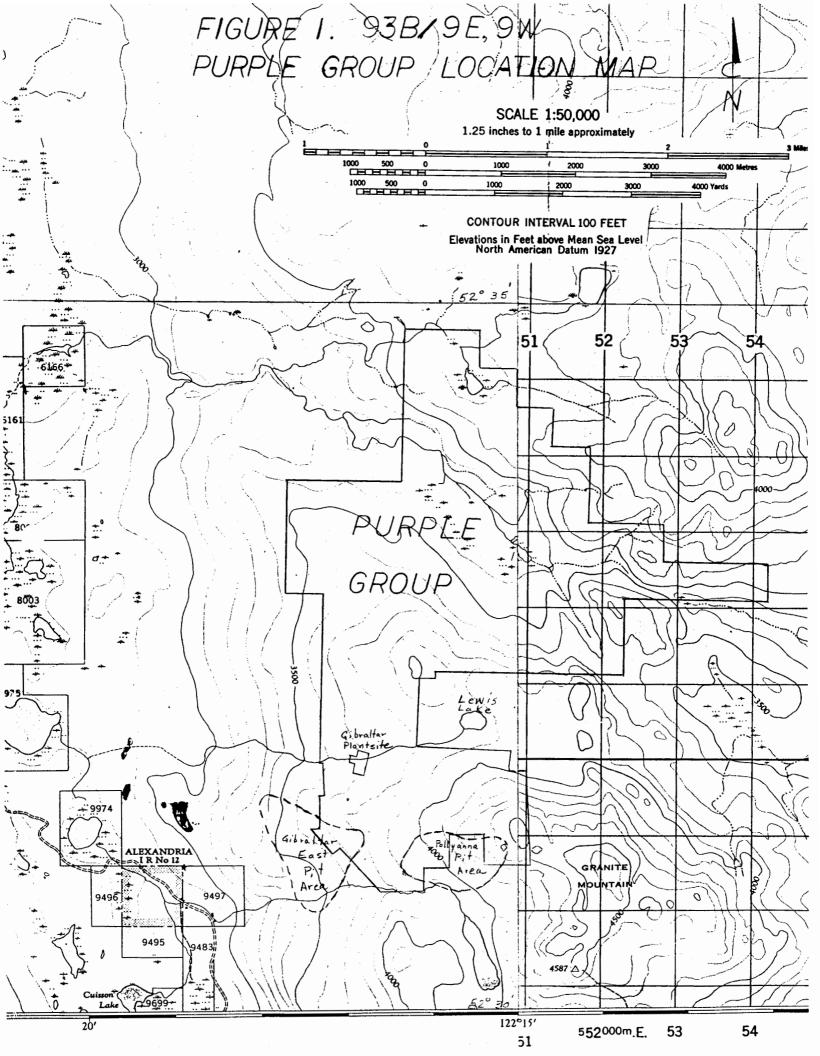
In 1949 the claims were relocated by C. E. Johnson and R. R. Moffat as the Copper King claims. Copper mineralization was reported in irregularly placed quartz lenses between shear planes oriented at N 30° W/ 45° E and on noses of folds in a 170-foot wide zone of sheared "granodiorite".

The 1950 report states that three shafts had been sunk previously along a north-south line. These were 25-feet apart. The northern-most one was 10 feet deep and showed no mineralization. The middle shaft showed good mineralization and in 1949 was drained and mined. Half a ton of ore averaging 10.5% copper was shipped to Tacoma, Washington. A grab sample from their dump assayed: gold - nil, silver - 0.1 oz. per ton, copper - 3.3%. The southern-most shaft was filled with water but dump material showed malachite staining.

In 1949 an attempt was made at trenching thirty feet north of the north shaft to cross-cut the shear zone. This, however, was abandoned because the overburden was too deep.

In 1950 they sank a 28-foot deep shaft 120 feet south of the most southerly shaft. It exposed a light malachite staining on sheared "granodiorite" and a small amount of crushed barren quartz. A grab sample from the dump assayed: gold - trace, silver - nil, copper - 0.3%.

From 1954 to 1956 the claims were restaked as the Pollyanna claims by Kimaclo Mines Ltd. They reported the same orientation for the shear system and expanded its width to 230 feet. Mineralization in the form of malachite -



azurite - chalcopyrite and traces of cuprite occurs in small and irregular quartz veins which run approximately parallel to the shearing. Another grab sample from the Copper King dump mentioned above assayed 0.6% copper.

Kimaclo Mines Ltd. allowed their claims to lapse and the property was staked by Mr. Robert Glen in early 1963. Keevil Mining Co. held an option on this property in 1963 during which time they performed geochemical and induced polarization surveys and drilled two holes. In 1964, Duval Corporation optioned the property from R. Glen and partially defined 10 to 30 million tons of low grade copper mineralization in the area of the current Pollyanna Pit.

In 1967 the area was restaked as the GG claims by Canex Aerial Exploration Ltd. and Duval Corporation. They describe the mineralized system differently, giving it an orientation of N 35° W/50 to 70° SW. They described the system as a central vein zone, two to five feet thick, flanked by quartz - muscovite schist grading into a foliated quartz-diorite. Streaks and bands of pyrite and chalcopyrite exist in the schist zone.

Stripping of overburden exposed 30 feet of schist and 30 feet of bleached, schistose quartz-diorite. A hand trench 100 feet northeast of the stripping exposed rubble of vein quartz and quartz-muscovite schist. The Copper King shaft was covered by the bulldozing.

The 1969 report gives the reserves as 60,000,000 tons at .36% copper. 44,105 feet of N.Q. diamond drilling was done in 81 holes and 200 feet of 57/8" diameter rotary drilling was done in two holes.

In 1970 a topo-mapping survey was completed. Stripping was done to clear the millsite and 32 diamond drill holes, totalling 1,174', were drilled on the GG claims.

By 1971 the Canex Aerial claims were transferred to Gibraltar Mines Limited." (from "Diamond Drill Report on the Purple Group", 20 April, 1981).

Much of the early activity in this claim group was centered around the current Pollyanna pit, particularly on its western edge. The drill program covered by this report however, is centered farther to the west and is associated with fringe mineralization in the northeastern corner of the Gibraltar East pit. This pit area was drilled by Gibraltar Mines Limited in 1968 through 1971 and two stages of mining have been completed here.

The drill holes covered in this report were drilled by L.D.S. Diamond Drilling Ltd. of Site 5, Comp. 13, R.R.#2, Kamloops, British Columbia during the period April 11 to May 4, 1989. Five NQ wireline diamond drill holes were completed for a total of 2,090-feet (673.03m). All of the core was sent to the assay lab, crushed and assayed, and waste material discarded. Composite samples were made through ore zones for the purpose of doing work index analyses. Assay pulps are stored at the plant site for a period of one year.

#### 2 Mineral Claims

Claims and leases of the Purple Group are shown in Figure 2. All of the claims belong to Gibraltar Mines Limited. The Group is bounded to the south by Gibraltar's Red Group and to the west by Gibraltar's Grey Group. The Ze Group is not adjacent to the Purple Group to the north, but is nearby. The group adjoins claims held by Keevil to the east. Pertinent information on the group is listed below.

### PURPLE GROUP MINERAL CLAIMS

Grouped on 151286

Name		Recorded	Record#	Units	Mineral
		ddmmyy			Lease
HY	5	120680	01710	10	
HY	6	100578	00675	4	
HY	7	100578	00676	3	
HY	11	100680	01668	9	
HY	12	100680	01669	14	
HY	13	100680	01670	6	
HY	14	100680	01671	7	
HY	15	100680	01672	6	
HY	16	100680	01673	4	
HY	17	100680	01674	2	
HY	18	241180	03025	1	
HY	19	240381	03246	2	
GG #	85	250865	30669	1	3598 M36
GG	40	280864	28881	1	3598 M36
GG	80	220465	29747	1	3598 M36
GG	82	220465	29749	1	3598 M36
GG 86	AFr	091266	39653	1	3598 M36
GIB	#8	200571	62411	1	3598 M36
GG #	2	281064	29234	1	3599 M37
GG #	4	281064	29236	1	3599 M37
GG #	6	281064	29238	1	3599 M37
GG #	5	281064	29237	1	3600 M38
GG#	7	281064	29239	1	3600 M38
GG #	8	281064	29240	1	3600 M38
GG #	16	281064	29248	1	3600 M38
GG #	1	281064	29233	1	4136 M55
GG #	3	281064	29235	1	4136 M55
GG	30	280864	28871	1	4136 M55
GG	41	280864	28882	1	4136 M55
GG #	11	281064	29243	1	4137 M56
GG #	12	281064	29244	1	4137 M56
GG #	13	281064	29245	1	4137 M56
GG #	14	281064	29246	1	4137 M56
GG #	21	281064	29253	1	4137 M56
GG #	24	281064	29256	1	4137 M56
GG	31	280864	28872	1	4137 M56
RUM #4	41Fr	200470	57295	1	4137 M56
GG #	23	281064	29255	1	4138 M57
GG #	25	281064	29257	1	4138 M57
GG #	26	281064	29258	1	4138 M57
GG #	27	281064	29259	1	4138 M57
GG #	28	281064	29260	1	4138 M57

Total Units 98



### 3 Drill Program

### 3.1 Objectives

Pit blast hole information and two stages of diamond drilling give some indication of mineralization along the north wall and in the northeast corner of the Gib-East pit.

1983 drilling along the north wall intersected pockets of supergene material and the projectability of this material needed testing.

Drilling in the northeast corner was designed to test ore projections from early Pollyanna drilling. Two possible sunset zones (315-degree strike, southwesterly dip) were indicated by drill holes P47 and P54. As well, there was some supergene enrichment in P47. Stage 1 mining also supported at least one sunset system passing through P47. The width of the system needed to be proven. As well, ground here was known to be badly faulted and the possibility of ore being off-set by faulting had to be tested.

#### 3.2 Results

The drill hole locations are shown in Figure 3. Drill sites were established with a chain and compass and have not yet been surveyed. So locations are approximate. Drill logs are included in the pocket of this report. Total copper assays are available for all drill core, and oxide copper assays are provided for selected samples only. All molybdenum reported is MoS<sub>2</sub>.

Core is sampled in 10-foot (3.048m.) sections, crushed and passed through a Jones Splitter. The product is pulverized to minus 100 mesh and rolled. A 1/2 gram sample is weighed out and digested in a mixture of Potassium Chlorate, Nitric Acid, and Sulphuric Acid for a period of 30 minutes. Following digestion, each sample is bulked to 10% HCl and assayed in a Perkin Elmer 3030 Atomic Absorption Spectrophotometer.

### North Wall.

89-03, on the north wall, was drilled along strike from ore indicated by drill holes P40 and 83-16. Results were rather disappointing. The hole was cased at 3715-feet and drilled to a depth of 407-feet. A narrow ore zone extended from the base of the overburden at 62-feet to a depth of 110-feet, stopping just above a narrow fault. The grade of this 48-foot zone was .29% total copper and less than .002% molybdenite. Copper mineralization was mainly in the form of chalcocite enrichment. There was no leach cap developed, and limonite and chalcocite were weakly developed to 290-feet and 230-feet respectively. Two faults were intersected from 115 to 118-feet, and from 226 to 229-feet.

A thicker zone of good grade mineralization was intersected in the near-by 83-16 drill hole, concentrated in steeply dipping quartz-sericite-chlorite shear zones, but this system occurred below a fault. Since 89-03 did not pick up the strike projection of this system, it is probably safe to say that the fault in this hole cuts off the ore, and grades should not be projected beyond it.

Besides not intersecting the expected grades, 89-03 also intersected a different rock type than did 83-16. 83-16 was drilled in Mine Phase Quartz Diorite. Mine Phase Quartz Diorite is a light green, medium-grained rock comprised of about 30% quartz, about 20% chloritized mafics, and about 50% saussuritized plagioclase feldspar. This rock is altered and sheared in places to form Dark Alteration Zones or Quartz-Sericite-Chlorite Zones.

89-03 intersected Mine Phase rock from 62-feet to 151-feet. It then passed into Granite Mountain Phase rock, with 40 to 45% quartz, 15% chlorite and about 40% plagioclase. Granite Mountain Phase rocks are generally quite coarse grained, but in this case they were finer than normal, and the margins of the zone graded into a medium to fine grained Leucocratic Zone. The base of the zone was at 252-feet. From there to the bottom of the hole, core was of a non-typical Mine Phase rock, perhaps a transition zone between Mine Phase and Granite Mountain Phase. This rock is richer in quartz than normal Mine Phase, having about 30 to 35% quartz. A zone on chlorite enrichment occurred at the upper contact.

#### Northeast Corner.

89-02 was cased at 3800-feet and drilled to a depth of 405-feet. Fifty-six feet of overburden was intersected and leach cap extended to 80-feet and oxide to 90-feet. No supergene zone had developed. This hole was designed to check the thickness and the down-dip projection of a mineralized zone intersected in P54, and results were totally negative. The hole started in a normal Mine Phase Quartz Diorite down to a depth of 237-feet, with the exception of a narrow fault bounded Leucocratic zone at 160 to 171-feet. The bottom 17-feet of the Mine Phase rocks was badly faulted bringing it in contact with Granite Mountain Phase rocks, or perhaps a hybrid form of Granite Mountain Phase. This rock type was interrupted by a transitional Mine Phase rock from 350 to 395-feet, and then Granite Mountain Phase continued to the bottom of the hole at 405-feet. The entire hole was in waste.

It now appears that the mineralization in P54 was controlled by and restricted to the major fault system it occurs in. Rocks in this hole were described as sericitic Mine Phase, badly broken, and hematite stained. Copper mineralization reported here was in the form of chalcopyrite, a lot of which was in quartz veins. No chalcocite was reported, but assay values are much higher than estimates in some cases, and chalcocite may have been over-looked in the gougy rock.

89-18 was also designed to test the thickness and down-dip projection of ore from P54. It too blanked out. It was collared at 3832-feet and drilled to a depth of 407-feet. The hole was cased to 112-feet and leach cap extended to 132-feet and oxide to 155-feet. No supergene zone was developed in this hole either. Normal Mine Phase rocks were intersected to a depth of 197-feet, then passed into a zone of Leucocratic Phase rocks and seriate textured quartz rich rocks. A transitional Mine Phase rock extended from 207 to 282-feet, then the hole passed through another Leucocratic Phase which graded into a seriate textured Granite Mountain Phase from about 297 to 393 feet. From there to the end of the hole the hybrid Mine Phase rock was again intersected. No major faulting was intersected.

Holes 89-17 and 89-19 were designed to test the width of Sunset Zone mineralization intersected in P47 and P48. These holes display a well-defined leach cap - oxide - supergene zonation and both also intersect a deeper ore system. 89-17 was collared south of P47 at an elevation of 3770-feet and was

drilled to a depth of 467-feet, entirely within Mine Phase Quartz Diorite rock. The core was shattered and broken to a depth of at least 300-feet and recoveries were quite low in places. The hole was cased to 94-feet and leach cap extended to 250-feet, oxide to 320-feet, and a weak supergene zone continued to 460-feet. Two zones of mineralization were intersected, one from 260 to 320-feet grading .39% total copper, .06% oxide copper, and .008% molybdenite, and a second from 400 to 460-feet grading .26% total copper and .017% molybdenite. Mineralization in the upper zone was described as chalcocite, cuprite, native copper, and minor chalcopyrite. The lower zone is mainly chalcopyrite mineralization with only minor chalcocite along narrow steep fractures. So this hole supports the model of an upper zone of supergene enriched ore, and a narrow weak sunset zone dipping at about 42-degrees to the south. Faulting was very evident in this drill hole and led to the abandonment of the hole short of it's 600-foot target depth.

89-19 was drilled to the northeast of P47. It was collared at 3743-feet and drilled to a depth of 404'. Overburden was 90-feet deep, leach cap extended to 230-feet, oxide to 245-feet, and supergene to 390-feet. A mineralized zone extended from 240-feet to 400-feet, giving 160-feet of .32% total copper and .005% molybdenite. Copper mineralization was in the form of chalcopyrite, chalcocite, native copper, cuprite, and even minor bornite. Grade distributions within the zone appear to support the same model as above. The lower portion of this zone is likely the up dip projection of the deeper ore system in P47, though here it is further enriched itself. A normal Mine Phase Quartz Diorite was intersected from 90 to 356-feet, with narrow zones of seriate textured hybrid Mine Phase and Leucocratic Phase at 275 to 310-feet and 336 to 342-feet respectively. A Leucocratic Phase went from 356-feet to the end of the hole. The ore zone spanned all of these rock units. Core was badly broken from 345-feet to the end of the hole, suggesting proximity to a major fault system.

### 3.3 Interpretation

The intersection of Granite Mountain Phase Quartz Diorite along the foot wall of this ore body suggests to us that ore cut-offs could be quite abrupt and unpredictable. The contact between the Mine Phase and Granite Mountain Phase has been drilled along the north wall of the Pollyanna Pit, and it has proven to be quite steep with the Granite Mountain Phase being totally barren. Holes 89-03, 89-02 and 89-18 all support the same scenario for Gibraltar East.

Holes 89-17 and 89-19 help to support a supergene enriched ore zone and narrow Sunset Zones at depth, but there are some problems with ore projections in a northwesterly direction. Here they run into the waste rock of the Granite Mountain Phase intersected in 89-18. Faulting may be responsible for part of the problem here and the irregularity of the Granite Mountain contact may account for the rest.

### 4 Statement of Expenditures

April, May 1989 Diamond Drilling, Purple Group

### (a) Drilling Costs

Direct Footage Charges
Hole# Ftg. Charge Cost
89-02 405 \$10.50 per ft. \$4,252.50

	89-03	\$21,990.00	
	Man Hours 45 man hours @ \$22.00/hr.	\$990.00	
	Mud Charges 6 pails @ \$203.50	\$1,221.00	
	Lost Equipment 3 NQ core bits Total Drilling Charges	\$1,155.00	\$25,356.00
(b)	Vehicle Costs 4x4 1980 Suburban, Apr. 12 to May 4 5 days @ \$20.00 per day		\$100.00
(c)	Supplies 88 boxes @ \$6/box Tags, bags, etc.	\$528.00 50.00	\$578.00
(d)	Assay Costs 168 copper/moly assays at \$4.40 per assay		\$739.20
(e)	Personnel Costs		
	Core logging and sampling G. D. Bysouth hours Apr. 12 - 13 16 May 5 8 24 hrs. @ \$31.00	\$744.00	
	M. R. Thon  May 16 - 18	352.32	
	Field Work Cliff Trudeau Apr. 12 to May 4 40 hrs. @ \$17.06	682.40	
	Report Preparation M. R. Thon Jun. 6 - 8 24 hrs. @ \$22.02	528.48	\$2,307.20
	TOTAL COST		\$29,080.40

#### 5 Conclusions

Negative results along the north wall of the pit suggest that ore projections here may be too optimistic. Fault control and the Granite Mountain foot wall rock may stop ore projections rather abruptly. Drill density along this wall is quite good, though not good enough to predict all of the detail. More work should be done on the location of the fault zones here, and if at that time more drilling is suggested to prove a theory, another drill program can be considered.

The depths of overburden, leach cap and oxide in the northeast corner of the Gib-East pit are quite detrimental to the economic value of the ore intersected in this area. As well, the incidence of native copper adds another strike against it. Native copper is not recovered in Gibraltar's mill. If pit design programs suggest that this area is economical, more drilling should be done and tests performed to determine the amount of recoverable copper grade.

Submitted by: Madelens

Madeline R. Thon Mine Geologist

### Appendices

I. Statement of Qualifications

- I, Garry D. Bysouth, of Gibraltar Mines Limited, McLeese Lake, British Columbia, do certify that:
  - 1. I am a geologist.
  - 2. I am a graduate of the University of British Columbia, with a B.Sc. degree in Geology in 1966.
  - 3. From 1966 to the present I have been engaged in mining and exploration geology in British Columbia.
  - 4. I personally logged some of the core of this drill program.

Garry D. Bysouth

### APPENDIX I. Statement of Qualifications.

- I, Madeline R. Thon, of Gibraltar Mines Limited, McLeese Lake, British Columbia, do certify that:
  - 1. I am a geologist.
  - 2. I am a graduate of the University of British Columbia, with a B.Sc. degree in Geological Science in 1978.
  - 3. From 1978 to the present I have been engaged in mining and exploration geology in British Columbia.
  - 4. I personally logged some of the core and assessed the results of this drill program.

Medding R. Show

Madeline R. Thon

### II. List of Abbreviations

azurazurite
bobornite
calcalcite
carbcarbonate
chlchlorite
cpchalcopyrite
dissemdisseminated
epepidote
folnfoliation
gggouge
grngrained
hemhematite
limlimonite
malmalachite
magmagnetite
N.M.P.Q.DNormal Mine Phase Quartz Diorite
pypyrite
qtzquartz
rxrock
sersericite
strstrong
stkwkstockwork
wkweak
Wt. Q.DWhite Quartz Diorite = Leucocratic Phase

HOLE NO. 89-02 SHEET NO. 1 OF \_\_\_\_

 $(x_1, x_2, \dots, x_n) \in \mathbb{N}$  . The first of  $(x_1, x_2, \dots, x_n) \in \mathbb{N}$  , where  $(x_1, x_2, \dots, x_n) \in \mathbb{N}$ 

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			1 =	44	Ш					.5		117		93	78531	.03	.001		.05
		li	1 =				,	·				1117						.04	
	6.10	120			Ш	120	10	110	9t3-chl-py									3680	
1					Ш						_								
			· =		Ш		/	J.	1				100						
				нь	Ш		/ 20	Yib	9ts-chl.py	∢.5				90	78532	104	,004		5هر
					Ш							127							,
	9.14	7.0	1 =			130	20	1,4	gts-ep	1	1.1		İ						
	_9.14	السال			H	130	15 12	1/2+1/8	qt3-chl-py x e	-									
			. =		Ш	1 1					·		100						
			_	45	Ш		1 20	Yıo	qt3-chl-py	4.5	-				78533				, 05
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	_12.19	40			$\coprod$	140	-						<u> </u>						
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				45					_	<b>∠.</b> 5	7			60	78534	.03	.00/		. 05
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	_ L. J. <del>- 7</del>				T	1-2					_			<b>——</b>					
			_		Ш		10	2,1	leucocratic zone				100				ļ		
				ND			' 3 I		,	4.5	-				-050-				,05
			] =				<b>!</b>	3"	99-pr	`	7	157	l	60	78535	.01	.003		1
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	18.29	Llâc	L		LL	160	2	-	99-px	1			·		!		1	l	1

HOLE NO. \_89-02 SHEET NO. \_3\_ OF \_1\_

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				Ш	hp.	A DLIC				Est	BOTTOM DEPTHS	l			AS	SAY RI	ESULTS	)	
}			ROCK TYPES		BRY	APHIC .OG	Veins	Width			LEACH CAP		Estimated	<u>l</u>		-			
	ဂ			SE	C E	.00	< to	_		%	LIM. ZONE	Footage	Core	R.Q.D.	SAMPLE	%	%		Estimated
ĺ	<u>f</u>	e t	AND	ο≰	음음	בר ס בר קם	Core	of	Mineralization		SUPERGENE	<u>.</u> .	05	11.0.0.	l }				
	Meters	Feet	ALTERATION	< TO CORE FOLIATION	Foliation Ateration	oot truc	Axis	Vein	William dil 2 de com	Ру	Remarks	Blocks	Recovery		NUMBER	Cu	Мо		Grade
	0.00		ALTERATION	, V LL	<u>⊾</u> ≺	L O	7,713	172'	as bx										
			LEUCOCRATIC ZONE _			۲		1/2	/33-px			}							
			LEUCOCRATIC ZONE						barren			1	95	١	78536	.03	,003	.03	
			fault bounded some of _	ND					> leucucratic sone	O		1 .		43	18330	,,,,	2003	3635	2,03
	1		lighte med arm quarty-teldson-		111				(			167		1					
i 🔳			rock - 45% 9ts , 45% white -	ł	$\ \cdot\ $				\		_	1			1				
1	3.05 🛓	_10	rock - 45% ofts, 45% white - spar and 3-10% ghost-like - bloches of chis - altered Q.D. ??	<u> </u>	╂╂┨	170	1	21	gg (bx)			1							
			MINE PHASE		Ш	F			} hem stain		_	_	98						1
			QUARTE DIORITE	1	111				3		_	-		7	18537				.05
			(171' - 237')	No	Ш		10 ?	8'	some of steep agiv	۷,5		177		'	16337	.02	.004		ł
			as before - a hard -	]	$\{\{\}\}$	A		ŭ	zone of steep gg.y joints and broken		=	1 '''	<del> </del>	†			ł		
			barren saus. phase	1	$\Pi\Pi$	180 2			n.			┪							
6	6.10	120		<u> </u>	++	180 /~					_				ļ		ŀ		
			_			يرا	60	۵"	gg-br-hem			1	98						
	1			1.						4.5	_	1		83	78538	.04	.001	İ	,05
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	9.14	_3(	_	7		190	<b>→</b> 0	1/8	913-cp	<u> </u>	-	1	ļ			<u></u>		ļ,	<b></b>
	9.14		/	1	T						_	<u> </u>	100			Ì	1		1
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			_	<del>-</del>	11		6.	<b>/</b> 4	9+3	4.5	_	7		67	78539	.01	,004	1	.05
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	12.19	A	n  -	1	Ш	200				<u> </u>		]	<del> </del>		<del> </del>	<del> </del>	-		<del> </del>
	2. 1 3			7			fl		broken, 33.4 section			1	9-	1			i	)	
	ļ			1			d	,	of levcocratic rx.				95	1	1		1		_
	1	1		ND.		59	10?	ำ	and serials phase	0	-	-	1	17	78540	01	.002		.05
			( -	1					1 - steep ag. slips and			207	<del> </del>	4			-	, 02	.
			\ =	7					bordering broken rx			ゴ		1	1			3590	
	15.24	_5	ol) -	<b>1</b>	4	2.10	×	L	/	-			<del> </del>	+	+	1	1	1	1
			steep tault < -									7	90	1	I		1	1	1
			3one	-		1 1		8,	lac. L.			コ	1					1	, 03
			/ :	7			?	ا ۵	99-bx	,5		Ⅎ	1	7	78541	.02	.003	1	1,00
			1 :	<u> </u>	Ш		4	1			-	2,1	<del></del>	$\dashv$				1	:
			4	<u> </u>			50	2"	gts-ser-py			7					1_	<u> </u>	
	18.29	16	01	1		220	<u> </u>	1	<u> </u>		<u> </u>								

HOLE NO. 89-02-SHEET NO. \_\_\_\_\_ OF \_\_\_\_\_

		T	1.1	<u>.                                    </u>		1			Est	BOTTOM DEPTHS				AS	SAY R	ESULTS		
ars		ROCK TYPES	< TO CORE FOLIATION	GRA L	PHICOG	< to	Width of		<b>%</b>	LEACH CAP LIM. ZONE SUPERGENE	Footage	Estimated Core	R.Q.D.	SAMPLE	%	%		Estimated
Meters	Feet	AND ALTERATION	< TO FOLIA	Foliati	Footag	Core Axis	Vein	Mineralization	Ру	Remarks	Blocks	Recovery		NUMBER	Cu	Мо		Grade
0.00			ИФ		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		10'	99-bx	0		227	80	0	785 <del>1</del> 2	.05	.004		,o \$
_3.05	10	Fault Zone (220'-237)	ND		250		י ד'	(3',f solid gg)	0		231	65	13	78543	.01	.002		os
6.10	20	PHASE (237-350')  a mixture of diff.  rx. types - leucocratic - 30nes, mine phase, Seriate phase - down,	NID		240	7.	A'	leveocratic zone with ep-rich contacts	0		247	95	83	78544	,03	.004		۵5،
9.14	_3(	to 320'. From 320' to 350'. the rx becomes a medium grn quartz-rich Q-D. Typically, - 40-45% qts as interluctu	, NB		250	40	2" 3'	9tz-ep	۷,5		257	98	81	78545	.02	. •02	. o 3 3595	1
	9	- 20 % chl 30-35 % saus plag.  this may be a hybrid form of the	ND		1 1	30	21	39-px	.5	-	267	85	67	78546	, 06	,003		,0\$
15.2			no		280	5.	3'	leucocratic phase with gradational boundary 4t3-ep-py(ep) leucocratic phase broken zone	<b>4:5</b>		277	60	40	78547	.,06	4,002		05

HOLE NO. 89-02 SHEET NO. 5 OF 7

													<del></del>	,		<u> </u>			
			DOOK TYPE	< TO CORE FOLIATION	GR/	APHI	d	ا <u>۱۸</u> ۷: ما ۱		Est	BOTTOM DEPTHS		<b>.</b>		AS	SAY R	ESULTS	<u> </u>	
	Ø		ROCK TYPES	ΝÓ	L	.OG	veins	Width		0-1	LEACH CAP LIM. ZONE	<b>.</b> .	Estimated	1	CAMOLE	Ċr#	07		
	Meters	اید	AND	ATA	o co	60	Core Axis	of	14. 1. 1.	%	SUPERGENE	Footage	Core	R.Q.D.	SAMPLE	%	%		Estimated
ĺ	<b>det</b>	Feet		127	io o	ot o	Core		Mineralization			Blocks	İ	1	NUMBER	0	14-		
	0.00	-	ALTERATION	\ \ F	P. A.	Ď.	k Axis	Vein		Ру	Remarks		Recovery		NO MIDER	Cu	Мо		Grade
				4	Ш	Ī	1 ?	1/2'	99 -bx										
Ш				7	$\  \ $	f		, ,	) section of troical Granite			}	80						
				7 70	$\  \  \ $	l.			> section of typical Granito 1 NIth Phase with coarse seg. gtz.	٥	-	}		33	78548	.06	1,002		.05
				7		Ŋ			broken some with			287	<u> </u>						
	7.05	10		7		290	4		Svert. gg. slips		_	1	ļ	]			ļ		
	3.05	10			$\dagger\dagger\dagger$	210 1	1	3"	99-9+3-81		-								
						ľ	30				1 1	1	90						
				_ no		ŀ	90	1/4	ep (cp)	٥	1	1	1	50	78549	. 06	,002		.05
				_		ĺ	26	1/10	gts-ser-cp			297						.06	
				$\exists$		, ľ		3'			-	1						3500	
П	6.10	LL_20			Ш	300		3	leucocratic zone		_							3335	
				_								1	95						-
				٠, ا					•	٥		1		73	78550	,02	.002		05
				- Mod-	$\  \ $	ŀ				,	-	307	<u> </u>	] [					1
				_ str.		ŀ		1				1							
	9.14	30			+++	310	<del> </del>				\	<del> </del>	<del> </del>						
				7	$\  \ $	ŀ						1	100	1					
				] 60	$\  \  \ $		55	4'	atz-chl (pv)	- ,5	gen. in crease -				78551	.08	.002		os
				Mod			7	`	עזי ייי־כוג	"	m dissem py	317		83	10301	, , ,			, -
				Sty					!		uith incr.								
	12.19	40		1	H	320				<del> </del>	shearing _		-	<del> </del>	<del>                                     </del>			<b></b>	<del> </del>
				7			50	Yes	qtz-chl-py			}	95		1	1			
				- 50			60	z"	qts-cp	5	-	}	"	87	78552	.13	/ 022		۸.
				Mod-				~	1.5.1			327		07	10352	./3	1,002	1	80,
				٦ ٥٠٠٠		1						1	1		1				
U	15.24	50			Ш	330				ļ			<del> </del>	<del> </del>	<del> </del>		ļ	<u> </u>	<u> </u>
				1							=	1	98				1		
				╡								1	'						
				- WK			so.	1/2	atz-ep-sor-cp	1.0	=	1,,,	-	73	78553	,10	1,002	1	. 08
				∃ ~~`								337	<del>                                     </del>	·					
	18.29	60	•	4		340	15	6"	9t3-ser-(P1)(cp)		' '	340	65		<u> </u>				L

HOLE NO. 89-02 SHEET NO. 6 OF 7

				Γ			· · · · · · · · · · · · · · · · · · ·			BOTTOM DEPTHS	T				SAY RI			
ers	ىي	ROCK TYPES AND	ōá	lia	PHIC OG	Veins < to Core	Width of		Est %	LEACH CAP LIM. ZONE SUPERGENE	Footage	Estimated Core	R.Q.D.	SAMPLE	%	%		Estimated
Meters	Feet	AL TERATION	< TC FOLI	Foliation Alteration <sub>(</sub>	Foota	Core Axis	Vein	Mineralization	Ру	Remarks	Blocks	Recovery		NUMBER	Cu	Мо		Grade
0.00	0		70 WK- Nod			50×3	y622 y522 y522 y642	qt3-chl-py(cp)x3 qt3-ser-pyxz qt3((cp)) qt3(ser)-cp qt3-chl-py	1.0		347	100	67	785 54	,09	.002	.08 3155	.10
3.05	10	MINE PHASE  (350-395')  medium grn appears  as a hybrid between  mine Phase and Granite  puta. Phase — ie	70 Mod		360		2" Y20x4 Y20x3	qt3-ser-(py) daric qt3-chl-cp x 4 altm 3 ore	1.0		357	98	53	78655	112	4,002		.10
6.10		- 45 0/0 saus plag - 15 0/0 chl.	70 WK			70	14-4 Yuo	broken qtz-cp.	,5	-	365	95	50	78556	.13	L,002		,05
	.30		70 NK		380	10	10"	9ts-chl-py K2 9ts-chl-py 9ts-ep(py)	.5	-	375	98	83	78557	,05	, 004		<b>0</b> S
12.19			ир		390	60 5 X2 70 A 2	Y10 1" x = Y10+Y20	qts-chi-py qts-ser-py x2 qts-ser-pyx2	1.0	-	385	98	87	78558	.03	.002	.08	,05
15.24		GRANITE MTN PUNSE?	ND 75 Med		-	10 50 60 70×6 75×2	1/2 1/2 1/3 1/4 1/0 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4	9t3-scr-py 9t3-ser-py(cp) 9t3-ch 9t3-ch 9t3-ch 9t3-ser-py	1.5		395		87	185 59	.15	1002		.13

HOLE NO. <u>89-02</u> SHEET NO. <u>7</u> OF <u>7</u>

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				₩_	GRAPH	d	,,,, ,,,		Est	BOTTOM DEPTHS				AS	SAY R	ESULTS	5	
	40		ROCK TYPES	68	LOG	4 Veins	Width		ĺ	LEACH CAP		Estimated						
	5		AND	OF	2 6 6	ছ  < to	ا ء ا		%	LIM. ZONE	Footage	Core	R.Q.D.	SAMPLE	%	%		Estimated
	ete	Feet	AND	2≦	to the	뤽 Core	of	Mineralization		SUPERGENE	m	000	17.0.0.					
	O Meters	л. Т.	ALTERATION	^匠	Foliation SAteration TO AVECTION Core Axis	Vein		Ру	Remarks	Blocks	Recovery		NUMBER	Cu	Мо		Grade	
	<u> </u>					60	8" /2	ch (cp) qt3-cp		_								
				1		••	У <sub>4</sub>	9t3-py .	.5			100		78560	.06	4002	.14	.05
			Sang D. Byroth	<del>]</del> ,				1,511			405	L					./7	<u> </u>
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HOLE NO. <u>89-03</u> SHEET NO. 1 OF <u>6</u>

	LOCA	ION	Gibraltar East	E	BEA	RIN	G		LATITUDE _	^	51,230.	CORE	SIZE	_ 14	هـــــــ L(	OGGE	BY 9	G.D.B	ysouth
	DATE	COLL	ARED April 12, 198	3 <u>9</u>	.EN	GTH	40	7 ′	LONGITUDE _		-47, 2/5	SCAL	E OF	LOG 7	<u>"= 10"</u> D.	ATE _£	pril	13, 191	89
	DATE	СОМІ	PLETED April 13. 198	<u> </u>	ΝP		-90°		ELEVATION _		~37/5	REMA	RKS ±	this bal	e may inte	rsect the	Grain,	te Ulta	Phase
Г			ROCK TYPES	H Z		APHI	Veins	Width		Est	BOTTOM DEPTHS				AS	SAY R	ESULTS	3	
	Meters	eţ	AND	ATIOI C	10 L	.OG		of		%	LIM. ZONE 290 ? SUPERGENE 230 work	Footage	Estimated Core		SAMPLE	%	%	,	Estimated
	.0.00 _0.00	- Fe	ALTERATION	< TO CORE FOLIATION	Foliat Altera	Footage	Core Axis	Vein	Mineralization	Ру	Remarks	Blocks	Recovery		NUMBER	Cu	Мо		Grade
	0.00		Casing To	=								62						·	
			62-feet	= /			70 × 10	144 1/20-1/10×16	9ts-ser-py-lim 9ts-ser-chl-pyx10 lim	2.5	no leach cap -		80		74.575	.28	.002		.08∴
	7.05	10	MINE PHASE				50-70x &	1/20-YIOX 8	1	""	weakly developed = and erratic =	67			78575				.53
	_3.05	10	QUARTZ DIORITE	1	$\prod$	70	5-20×6	hlex 6 Yox 5	11m x 6 0t3-ch1-px x 5		_		1						
			typical Mine Phase	10			10 90 +40+50		ep-py(cc)	3.0			98	73	78576	.3/			, ł o
			- 200/0 chl. - 500/0 saus plag - 250/0 9t3 - interstitual	- wk			60-70 × 10	1/20-10×10			. =	77		15		. 57	,00Z	130	
ı,	6.10	20	11 +0 0100	1-	H	80	70	3 1/20	9+3-ser-py(cc)						-			3435	
			-grn size 1/20-1/10", sl. seriate	= = 7,			40 60×8		ser-py(cc) qt3-ser-pyx 8		·		90						
				→ wk		5	50 to	y4 3/4	9t3-ser-py (cc)	3.0	=	87		37	78577	.26	2.002		.18
	9.14	_30		1	Ш	a <sub>P</sub>	6 50 4 5	1/4	973-ser-py 98 + bx										
				=			70 × 3	1/0+1/6×2	9t3-ser-py x3		. =		98						
				70			30 25	8.	leucocratic dyke.	3.6				73	78578	.33	4002		.15
	12.19	40		=			70 70-80 x8	1/6 1/0-1/6×8	913 - (CP)(CC) x 8		=======================================	_91	<b></b>						
	_12.19	40		=	Ш	r	65 × 3	18+410+2	9+3-ser-py-cc				-						
				=			75 x 1 <sup>5</sup>	120-18x 15	9 t3 -ser-py ((cc)) x 15		_		95	0-			4 050		.15
				<b>₹</b>			75+84	Kx2	ser-py-limxz	3.5		107		27	78579	12/	4,002	1	
	15.24	50		#		110	70	76	bh (cc)										

HOLE NO. <u>89-03</u> SHEET NO. <u>2</u> OF <u>6</u>

				til	hn.	DUI	1	1		Est	BOTTOM DEPTHS			i		SAY R			. ]
			ROCK TYPES	S S	GRA	PHIC	Veins	Width		ESU	LEACH CAP		Estimated		<del></del>		1		
	Meters		AND	OF	ב ה	2 !	< to	٠,		%	LIM. ZONE	Footage	Core	R.Q.D.	SAMPLE	%	%		Estimated
	ete	Feet	AND	₽₹	otic	to t	Core	of	Mineralization		SUPERGENE	Blocks	Cora	K.U.U.					
_2	<b>∑</b> 00	Ę.	ALTERATION	< TO CORE FOLIATION	Foliation Alteration	Footage	Axis	Vein		Ру	Remarks	BIOCKS	Recovery		NUMBER	Cu	Мо		Grade
0.	$\frac{\omega_0}{1}$		_		ÌÌ	<u> </u>	80	(4	9tz-Py		-								
			=			۱.	1				<del></del>	1	85						
	İ		<u> </u>	ИД			804 Z	1/20×2	9tz-chi-pyxz	2.0		}	0,	7	78580	.10	4,002		,12
			fault { =				?	3'	9g-bx			117		'		370	7,00		
<b>.</b> ,	05	_10					80% 2_ ? 	۵,4											
3.	US	10			111		36	2" 1/4	9t3-chl-py		•	<b> </b>							
							65 X C-	%+Y10	913-ser-py (ce) x2				95					.z3	
				70			70	1/10	atz-ser-py(cc)	1.5			-	67	78581	. 13	1,002	3590	.15
· 📕 📗				₩ĸ				ľ	·			127		ļ					
6.	10	20	=			30	65	Yio	chl-py		-	1	ŀ						
<b>1 1 0</b> .	10	120				50	65 +10x2	1/20×3	qt3-chl-py x3		_								
	1.		=				60	y <sub>i</sub> o -	9t3-ch1-p-1		-	1	98						
	İ		コ	70		ſ				1.0	-	1		73	78582	.06	.002		108
			· 🗀	Mod			60+7512	Yex3	qts-chl-pyx3		_	137					<u> </u>		•
Le.	14	30	= =			40	30	1/20	gtz.chl.py			1			. :				
<b>1</b>	17						45	1/10	qt3-chl-py		•								
			=				40	<b>/</b> 4	9t3-ser-p1		-	1	98						·
	:		=	43 Mod			35	z"	ats (cp))	.5	_			70	78583	,09	.002		, 08
			=	MIPG			]		•		-	147				'			1
12	2.19	40	7		l I I I I I	So 2	35-45	2'	qtz-carb-chl-ser-py(ce)		-	1							
		-70																	
	1		GRANITE MIN.				5013	Yioxs	qt3-ser-pyx3		=	1	90						}
			PHASE - (151'- 252')	45			30	7"	9tz-ser-py	1.0		1		50	78584	.11	.002	+	.05
				WK-			50	12"	93-bx 973-ser (pv)		_	12]	<u> </u>	-					
15	5.24	50	a 1' wide leucocratic -		<sub>1</sub> ,	ا ۱۵			-   -   -   -   -   -   -   -   -		_	}							
	1. / -		at The upper contact -				50	1 "	9t3-ser-py	1	_								
		-	typical Granite Mtn -				50	2"	913-201-carb (py)		_	1	98					}	
			Phase except chl is - higher than normal =	65			50-60 16	410-14×6	9+3-see-pyxb	2.5		1		63	78585	111	,002		.05
			and avain size is -	Mod			60	10"	qts-ser-py		_	167	ļ			[ ''	_	,10	
1,9	3 29	60	finer over.		,	70	60×5	16×5	9+3-ser-py		=	1						3545	

HOLE NO. 89-03 SHEET NO. 3 OF 6

		<u> </u>		<del></del>								<del>r</del>						
		7,000	< TO CORE FOLIATION	GR	APHI	d., .			Est	BOTTOM DEPTHS	ļ			AS	SAY R	ESULTS	Š	
		ROCK TYPES	158		OG	I veins	Width			LEACH CAP	ŀ	Estimated						
2		AND		2 5	0	e < to			7%	LIM. ZONE	Footage	Core	R.Q.D.	SAMPLE	%	%		Estimated
)	ie et	AND	0 ₹	100	0	e < to	of	Mineralization		SUPERGENE		Core	K.Q.D.			ļ		
Meters	Feet	AL TED ATION	こって	10 2	ŏ		Vein	Militor diszación	Ру	Dana sulsa	Blocks	Recovery		NUMBER	Cu	Мо		Grade
0.00		ALTERATION	V IL.	T ₹	IL.	aixA	vein		ГУ	Remarks								
		913-40-450/0		TT		70×2	1/4×2	9tz-ser-pyxz		_	ł							
		chi - 15 0/0	1	$\mathbf{H}$			1/20-1828	9t3-ser-py x8		1		98		1				
		don took as rounded	70	11		102.10%	100 100-	•	4.0	_	l	'*	70	78 586	1.3	4,002	·	.08
		in a mestasis of	WK	Ш		60-80×12	1/0-/4>12	qt3-ser-pxx12	7.0	_	177		,0	1 6 30 5	. , _	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		·
		in a mestasist of	1		1 E	4	1.	qt3-ser-pyx4		1.1								
3.05	10	9+2.	1		IR N	70×4	4"	ata-ser-py((cc))		_	ł					!		
3.03		_	1	H		50.70×6	10-44×6	913-ser-1426										
		_	ł			=	,,	,		_	j	98		+		İ		
		_ =	70				ا , ا	ats-ser-py	2.0	_	}	``						05
		1 =	WK		l	60	<b>y</b> 4	412-261-64	1.0				63	78587	12	4002	}	
		_	~~				10	1 10		<u> </u>	187	<b></b>	•				ĺ	Ì
6.10				Ш	190	70	1"	gg-bx-lim			l			1				
6.10	1.20		<del> </del>	╁┼		60	710	9tz-ser-Py.	<del></del>		<b></b>							
		_	1	11		1			]			100						
1 📕		1 =	1 _			ŀ					1	,,,,					ŀ	
		-	70 Mod	$\mathbf{H}$					<.5				80	78588	.02	1002	1	.05
		! =	1 1100	Ш						Ţ	197	<b></b>						
			i						1		1			<u> </u>				
9.14	30	)	<del>                                     </del>	╁┼	200	<del> </del>	<u> </u>	qta-chl		•			ļ —					
	·	<u> </u>	1			45	212	q13-041		_	]	100	1	- 1				
			1					,			1		]					
		=	10	$\mathbf{H}$		30:+50	10"+3	9t3-ep x2	۷.۶	•	1		77	78589	.01	4002	]	,05
			WK			7.	3"	ats (lim)	ĺ		207	ļ	ļ	''				
		-	1				"	713(1177)		_	<u> </u>	1						
12.19	4(	)		#	210	•	ļ		<del> </del>		<del> </del>	<del>                                     </del>	<b></b>	-		<del> </del>	<del>                                     </del>	
			1			1		,	1		1		1		1		,06	
			1			45	4%	9t3-cp		-	1	100	1				}	1
			80		[	ł			0	_	]		93	78590	.01	4,002	3500	.08
			ΨK						1	_	217		1	"		````	1	
		=	1								1		l				}	ł
15.24	50		1	Ш	220	<u> </u>			<u> </u>	-	1	<b></b>				<u> </u>		ļ
		_	1								1	1					1	
			1								}	95				1		1
			70			60	6"	At same Mark think	_		1	1	50	70501	-06	1002		208
		1	WK		) l		i -	gts-ser-py ((cc) (lim)	.5	_	227			78591		`		
			1			જે	3'	99-bx	1	_								
18.29	60	·-	1		230	<b>¾</b>		70		•	i					1	1	1

HOLE NO. <u>89-03</u> SHEET NO. <u>+</u> OF <u>6</u>

	<del></del>		DOOK TYPES	를 구	GR.	APHI	d., .	145 J.L.		Est	BOTTOM DEPTHS		-		AS	SAY R	ESULTS	3	
	ธา		ROCK TYPES	o fo	li	OG	Veins	Width		1 %	LEACH CAP LIM. ZONE	Footage	Estimated		SAMPLE	%	%		Estimated
	Meters	Feet	AND	5 Z	latio	Footage	Core Axis	of	Mineralization	_	SUPERGENE	Blocks		R.Q.D.	NUMBER				
	0.00	0	ALTERATION	∧ F	A t	μ (	Axis	Vein		Ру	Remarks		Recovery		NOWBER	Cu	Мо		Grade
						-	70	1/10	qt3-ser-py		-	Ì	95						
			-	70			. 10	Y20	qtz-ser-py	۷۰5			75	83	78592	103	K,002		,05
				W\od		=	40	8 "	qt3-ep			237							
	ے 3.05	_10	from 230 to 252' -		Ш	240	70 % \$	Y10-Y8 x5	9t3-ser-py x5		_								
			the rx grades to a med-fine gru. leucocratic					10-78 x5					98						
			zone; ie, an incr. in qts, decrease in chl, and	70 Wod			30+70	2" -1"	qts-ser-py (lim)	3.0	_			63	78593	.06	<100Z		.05
			a decrease in am size	Mod			1					247							
	6.10	_20	- shear appears to incr. =		$\coprod$	250	70	14" ;	qts-ser-chl-py (lim)							,			
			2 —		H	- 7		1年1	qtz-chi(py)			}	95						
H			MINE PHASE ?. (252-407')	70 str.			70	1½"		2.5		_	,	63	78594	.12	4,002		,08
			inot a typical Mine	str.			60 70	12.4	qtz-carb-ser-py qtz-chl-carb(py)		-	257						. 06	
	9.14	30ـــ	Phase-higher ats - than normal (30-35%) -		H		· • · · · · · · · · · · · · · · · · · ·	3"	9t3-ser-py		-						-	3455	
			-chl. enrich occurs over				70 ×2	<i>}</i> 4 4″±1″	9tz-ser-py 9tz-ser-py×z		_	}	95						
			~ 4' @ upper contact.	6≤ Mod			70	ın	atz-ser-py	3,5				90	78595	.10	4,002		-10
							1	21/2"	qtz-ser-py(cp)		=	267					"		
	12.19	_40	- rx appears as a - transition between -		H			1/0-1/8×6 1/2+1"	9t3-ser-py x 6	<del> </del>		<u> </u>							
			normal Wine Phase and -				65	Yz	9tz-ser-cp		Ξ	1	100						<u> </u>
			Granite Ultu Phase	80 Mod		,	70	3" Ybx3	qtz-ser-py x 3 qtz-ser-py-cp qtz-ser-py(cp)	3.5	=	]		93	78596	.09	(,002		.15
			<u></u>				30	24 1/4 1/10	qt3-ser-py(cp) chl-cp, qt3-chl-py		-	277							
	15.24	50			$oxed{+}$	280	70	710 /4	913-ser-py	<del> </del>		]		<b> </b>					<b></b>
			· · · · · · · · · · · · · · · · · · ·			2	5*2	Hex2	tim xe		_	1	98						
				70			10	21	842-c41-br.	2.0		1		47	78597	-14	1002	<b> </b>	.10
				WK			5	<b>Υι</b> •	gyp-lin		_	287		†		ŀ			
	18.29	60	*	1		290	4 68	z"	ets-cp		-	1		<u> </u>			L	<u> </u>	<u> </u>

HOLE NO. 89-03 SHEET NO. 5 OF 6

			< TO CORE FOLIATION	SR/	APHI(	d			Est	BOTTOM DEPTHS			ļ	AS	SAY R	ESULTS	5	
į		ROCK TYPES	168	Ρ'''	UC.	IACILIZ	Width			LEACH CAP	]	Estimated			i			
Si			O F	اد د	.OO ;	o to	_		%	LIM. ZONE	Footage	Core	R.Q.D.	SAMPLE	%	%		Estimated
) te	e et	AND	0 ₹	뱕	0 4	Core	of	Mineralization		SUPERGENE	1	Core	R.Q.D.			<u> </u>		
×	Feet	ALTERATION	1.2	5 5	ò	001 C	Vein	Militor diazation	Ру	Remarks	Blocks	Recovery		NUMBER	Cu	Мо		Grade
O Meters	. 0	ALTERATION	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	μŽ	ii. i	< to Core Axis	l			Remarks								
		-	-	П	14	:	v	gyp-lim with 2'of broken lim stained core			1						]	
			7		- 14	4 5	Yio	stained core	İ	_	1	98						
			10			50	2"	9t3-py-cp	.5		1	'	27	78598	.04	.002		,10
		-	wĸ		نا	50+60+5	hlex3	lim x3	1	-	297				'	,		
			4		1													
3.05	10			Ш	300					_	1							
			-	$\  \  \ $						<u>-</u>	_	98					.08	
			7		_					_	1	1.2						
			ە ت	$ \cdot $					<,5	_	1		77	78599	.01	1001	3410	,05
		-	□ wĸ		ŀ					<del></del>	307		''	100.1	.0,			
	:		7		- 1	į			1	_								
6.10	20			Ш	310					•	<u> </u>	ļ						
		•	-		- 1				1	_	1							
	•		7				ļ			· · · · · · · · · · · · · · · · · · ·	1	100						
			٠,		- 1				۱۰5	_	1		87 .	786 ∞	.01	,001		.05
			70 WK			[ ·				<del>-</del>	317		* `	,,,,,	,		-	
		·	4			60	2"	atz-ser. py	1	-	1		1					
9.14	30				320 3	60 x 3	Xx+1/422	gts-chl(pg)		-	<b></b>		<u> </u>					
			-		- 1/	20+00	/2+ 1"	qtsx2		<u>-</u>	1	ļ		1				
			7		<b>"</b>	7 75 75	/°' '	7,32,2	i	<u> </u>	7	100						
			70						<b>∢.</b> s	-	1	1	90	78601	.02	.001		.05
			wk					•		_	327			1		•		·
		]	7							_	-							
12.19	40		٦	$\bot \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \!$	330	<u> </u>	<u></u>			-	1	ļ	ļ			<b></b>		
		·	$\dashv$		<b> </b>	70	2.*	9ts-ser-py		=	1	1			ļ			
			7			70	1"	9ts-ser-py		-	-{	98						
			70-		ſ	1		·	٠.5	] =	1		83	78602		1001		,05
			Bo WK	$\ \cdot\ $		80	3"	gtz-ser-py		_	337	<u> </u>	] "	' " " "	1,04	`""		
		1	7		Γ						1			ł	ŀ			
15.24	50			$\perp \perp \perp$	340				<u> </u>	_	1	ļ		<u></u>			<u> </u>	
			-			60-75410	1/10-1/8210	qtz-chl-ser-py x 10		_	_	1						
			7				""	1,5		-	4	100			]			
			70			1	1		.5		1		87	78603	103	1001	1	. 05
			- wk				Ī			_	347		_  "		]		.02	
			7			].				-	4						2200	
18.29	60			111	350	<b>9</b> 70	84 -	9tz-sev-(py)	l		1	1	1	1		·	3365	I

HOLE NO. 89-03 SHEET NO. 6 OF 6

						<del>,</del>							<del></del>					
			< TO CORE FOLIATION	GRA	PHIC	1			Est	BOTTOM DEPTHS				AS	SAY R	ESULTS	<b>)</b>	
		ROCK TYPES	168		ng.	1 461112	Width			LEACH CAP		Estimated						
S			O E	اد تر	<u> </u>	< to	- £		%	LIM. ZONE	Footage	Core	R.Q.D.	SAMPLE	%	%		Estimated
te	et	AND	o ≰	1000	0 4	Corp	of	Mineralization		SUPERGENE		Cars	ע.ט.					
O Meters	Feet	AL TED A TION	1-9	D 2	9 6	< to Core Axis	Vain	William drization	Ру	Domarko	Blocks	Recovery		NUMBER	Cu	Мо		Grade
0.00	0	ALTERATION	VL	υž	F K	AXIS	Vein		ГУ	Remarks								
		-	1	Ш		15	<i>Y</i> <sub>4</sub>	973		_								
! <b>!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!</b>		<u>-</u>	_	111		60	10"	qt3-ser-py-cp				100	1					
		_	7,		9	1			1.5	-	l		63	78604	. 15	,002		,15
			70 WK			<b>す</b> ら	8*	9tz-ser-P1			357		••	,,,,,,,	ر , ,			,,,,
		<del>-</del>	┨ ```						-		- 501	<del></del>	1	1 1				
7.05	10	_	7		360	40	1411	gts-chl-py-cp		-	ł			1				
ا 3.05ـــ				+++	200	<del>                                     </del>		110		_								
		-	-		İ				-	_	1	98						
		<u>-</u>	_							] =	}		<u> </u>		.04	.001		05
		<u>-</u>	140						2.5		1	1	70	78605	1			05
		- -	7			-				ļ <u>-</u>	367		-					
		_	1			<i>5</i> 5	2"	9/3)			1	!	<u> </u>	1				ŀ
6.10	20		1	╌┠╌╂	370	<del></del>	2,"	9t3			<del> </del>	<del></del>		<del> </del>				<del></del>
		-	1			60		1 · 1		=	]	98		1			_	
		-	-{				7"	hem stained			1	1.5			-			
			ם א			1	i	9t3 ( gg!y section	2.5	_	1		30	78606	.01	,00/		٥٥
			<b>d</b>			10	2"	q+3 \ 3001		-	377	<u> </u>						
		-	7		4	1		. \		_	1							
9.14	30	-	┧	Ш	380	80	Y2.	9/3	<b>↓</b>		<del>                                     </del>		ļ	<del> </del>	<u> </u>	<u> </u>		
		-	-			40	2"	qt3	1		i	100	1			ļ		ļ
			7						1	·	1	1 100	}					
			- NP		1			1	2.5	=	1		83	78607	.07.	4,001	ļ	5ه,
		-	4					·	"	_	387	İ		1		""	Ì	
	1 .		1					1	1	_	1				ļ		ļ	
12.19	40	-			390	/			L				<u> </u>	ļ	<b></b> _			<del> </del>
2		-	4	П	1/	5-10	1/4	9t3-chl-cp dk alth zone	1	-	1				1			
			5-	$\cdot \  \cdot \ $	ľ			THE WILL BONE	1		1	100					106	
📕		-	80		L	80	<b>Y</b> 4	ch(64)		_	1			704.0	,07	100/	3320	,10
			Mod-		ſ	ľ		<b>,</b> , ,	۷.5	] =	397		80	78608	1,5,	1.50		}
		-	٠°۲ -				}	1		1 =	1	T	1	I	1			
15.24	50		7		400					-	1			1	<u> </u>	<u> </u>		<u> </u>
15.74	30	(.		-+++	7	60	2"	9t3-chl	i		1							
	1	[	-				}			_	1	98				1.		1
		leuco cratic	<b>⊣</b> №			30-50	6.4	9tz-chl	2.5	] =	-{	1		78609	101	4.001		
		, (:	_		ſ					_	1,				1		,03	
	<b> </b>	E.O.H. 107		╌┼┼┤	+	<del>                                     </del>			<del> </del>		407	<del> </del>	<del> </del>	1	<b> </b>	<del>                                     </del>	T	1
		Lang A. Byrond	T .						1		7		1	1	1			
18 29	1.60	I Now I'T' TO	1	111	1	ł	L	1	1	1	<u> </u>	1			<del></del>		<del></del>	

HOLE NO. 89-17
SHEET NO. 1 OF 7

LOCAT	ΠΟΝ	Gibraltar Mines Lt	<u>ط.</u> ـ E	BEA	RIN	3		LATITUDE _	~ 49,	970 N	CORE	SIZE	N.G	1. W. L	OGGED	BY (	3.D.By	south
DATE	COLL	ARED 30. Apr. 89	L	.EN	GTH	46	٦′	LONGITUDE _	~ 48	970 G	SCAL	E OF	LOG 1	"=10' D.	ATE _	May 5	1939	
		PLETED <u>02 - May -89</u>														-		
	•	ROCK TYPES	뀖~	GRA	PHIC	Voine	Width		Est	BOTTOM DEPTHS					SAY R			
Meters	۲.	AND	ATIO P	Loon Tool	OG	< to	of		%	LEACH CAP 250' LIM. ZONE 320'	Footoge	Estimated Care	R.Q.D.	SAMPLE	%	%		Estimated
 0.00	<sub>O</sub> Feet	ALTERATION	N TOLI	Follat Altera	Foota	Core Axis	Width of Vein	Mineralization	Ру	SUPERGENE 460 (week) Remarks	Blocks	Recovery		NUMBER	Cu	Мо		Grade
		Casing To																
		MINE PHASE			1 4				0			5?	o					ð
3.05	_10	QUARTZ DIORITE		$\prod_{i}$	00 1													
		(94-467') not typical-finer			4													
		grn than normal and ]			٩				0	=		10?	0,			;		٥
6.10	20	ats lower than normal		Ш	10									.]				
		-9t3 25 0/0 - -chl 20 0/0			6			3 onc of broken rusty core		·		10?		1	.05	. 002		
		-saus plag 50 %			6			and lost core - mostly pebble size	0		115		0	44153	.030x			0
9.14	30	aug grn size /20-1/3"  qts is interstitual to  plac - chl occurs as			20			- no 88.						(94 to 120)				
		rounded clots Vio" dia - usually of much larger =		$\prod$	6					=		io?		-		3*		
		grn size than plag. = or qtz (ie ~ 1/10")			<u>ل</u> ا ل			)	o	18 <sup>1</sup>			0	44154	.04	.061		٥
12.19	10	- the chi appears to be 7			30	45+5+ 65	hlex3	lim x3		=	127				~40x			
12.19	40	bio -		$\prod$	6					Ξ		40					.05	
					4		10'	broken, pebble size core - no ga.	0	=======================================		·	0	44155	.06	002	3635	0
4.75 - 1					٥			) size core - no gg.		= = = = = = = = = = = = = = = = = = = =	137			, , , ,	¥ 0 £0,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
-15.24	50			Ш	40	i i				<b>_</b>					i			

HOLE NO. 89-17 SHEET NO. 2 OF 7

			1 1.1	<u></u>		J			Est	BOTTOM DEPTHS				AS	SAY R	ESULTS	 S	
ers	به	ROCK TYPES AND	< TO CORE FOLIATION	GRA L Segi	APHIO OG	Veins < to	Width of	14. 15. 15	%	LEACH CAP LIM. ZONE SUPERGENE	Footage	Estimated Core	R.Q.D.	SAMPLE	%	%		Estimated
o Meters	, Feet	ALTERATION	> TG FOLL	Foliat Alterat	Foota	Core Axis	Vein	Mineralization	Ру	Remarks	Blocks	Recovery		NUMBER	Cu	Мо		Grade
	10		?		150		10	broken core - mostly pebble size - minor lim, mal, Minoz	.j		_\+7	35	0	44156	.09 .060×.	L.001		۶ ۵.
	20		?		160		16	broken pebble size core - minor lim, Mal Mnoz	Ů		_157	40	0	44157	, 09 .06 sy	,002		.05
9.14			?		170		10'	broken pebble size core - strong lim. minor Mnoz	٥		167	25	U	44158	,09 .06 sx	,002		, 05
	40		?		180	4	10'	broken core - = 80% pebble size, strong lim	٥	drillers comments: _ "large gravel," _ bed @ 177'	רדו	30	3	44159	.09 .070×	.002	.09 3590	,05
15.24			?		190	A A A & & & & & & & & & & & & & & & & &	7' 3'	broken pebble size core min lim sand seam	O		187	25	0	44160	,26 -17°X	.003		.05
	60				200	0 1 1 1	10	broken core (-6-3") str. lim, min mal	٥		197	50	٥	44161	.09 .06 ox	.002		.os

HOLE NO. <u>39-17</u> SHEET NO. <u>3</u> OF <u>7</u>

			ш	hp.4	DUIG				Est	BOTTOM DEPTHS				AS	SAY R		3	
ers	ų	ROCK TYPES AND	< TO CORE FOLIATION	EKA L	OG	Veins < to Core	Width of		%	LEACH CAP LIM. ZONE SUPERGENE	Footage	Estimated Core	R.Q.D.	SAMPLE	%	%		Estimated
Meters	Feet	ALTERATION	\ 7 10 10 10	Foliat Alterat	Foota	Core Axis	Vein	Mineralization	Ру	Remarks	Blocks	Recovery		NUMBER	Cu	Мо		Grade
0.00			ди			80	110 x 2 hlex 2 2" Y20	lim-gg xz qt3  lim xz gg-mal lim  bleached	۷.5		207	70	13	44162	.05 .0 <b>3</b> •x	.002		.05
	5 10	·	ND		220	60 x 2 t 3 o	hlex3 Ylo	qt3 qt3-lim	۷.5		2.17	30	20	44163	. 06 .040x	.00]		, 03
6.10			2.2		(10.00)	5 5 × 6 30 ÷ 7 o	3½' /20×6 /4×2	99-bx-lim qts-chl-limxb qts-lim	4.5		227	.75	10	44164	.07 .030×	.014	.11 3545	.05
9.14					0 0 0 0	30?	٩١	gg-bx-lim (some cupite blebs)	۷.5	-	_237	80	0	44165	,20 .10 ° X	.008		,°05
15.	9 4 5		i i i i i i i i i i i i i i i i i i i		240	30+60×2	He-/20x3	lim-gtxx2 gtz-lim lim x3 gg-bx (lim)	۷.5		247	70	ר	44166	, 07 ,040x	.006		. 05
•	29 60	<b>A.</b> 100	4N		260	45×3+5×2	2 /2." 12." /2.×5 //2.	99-px (lim) 199-px (lim) 29-px (lim)			257	70	13	44167	,05 .03 ox	.009		. 05

HOLE NO. 89-17 SHEET NO. 4 OF 7

				т							T				IN U			
1		. DOOK TYPES	< TO CORE FOLIATION	GR/	APHIO OG	Veins	Width		Est	BOTTOM DEPTHS				AS	SAY R	ESULIS	·	
S		ROCK TYPES		L	.OG	veins	Michilia		7	LEACH CAP LIM. ZONE		Estimated		CAMBIE	%	97		
e	ا ب	AND	O T	6 6	D.	< to	of		%	SUPERGENE	Footage	Core	R.Q.D.	SAMPLE	76	%		Estimated
Meters	Feet	AND	[2]	등	Ď	Core		Mineralization			Blocks			NUMBER	_			
Σ	ᄔ	ALTERATION	V ℃	5	Ö,	Axis	Vein		Py,	Remarks		Recovery		NUMBER	Cu	Мо		Grade
0.00	. 0		-	m		60	/3	otz-cp	,				<b></b>					
		- <u>-</u>		111		63	1/2	qtz-cp qtz-lim				85	1	•				'
		· ·		111		/ 20	1/4	atz-lim-p1	1	7		ا م		<b>l</b>	,21	.007		.0 5
			70		ř	70	1/3	9ts-lim	٠5			ļ	10	44168				
		<del>-</del>	WK		1	170	V	scr-py(lim)			267	<del> </del>	1		20x		.12	
3.05	_10	_			270	70	1/4	3CI-PICITIES		-	-		l				3500	
3.03	<b>-</b> ''		4	Ш			:			_								,
												45	<u> </u>		<u> </u>			
			7			<u>'</u>	10	gg-bx-hem	4,5	-	i		13	44169	.55	.003		.05
		:	· ·			<u>\</u>	1.0	22	-,,,	-	277	}	'3	11101	.130X			
											1	<u> </u>	1	ļ	1500			
6.10	20			Ш	28o		14"	leucocratic zone				<u> </u>	<u> </u>	<b> </b>			·	<u> </u>
			:		ľ		2'	99-bx	•	1.	1	90			;			
		•	1	$\ \cdot\ $				ŀ	1	· · _	ł	1-40			20	,006		···
		: <b>_</b>	44			15×2	1/8+X10	9t3-ser-py (cc) x 2	۷.۶	_	1		20	44170	.39	.000		,10
		·			V	4	i '	Γ',	l	· · · · · · · · · · · · · · · · · · ·	287				.060 X			
						5×7	l" hlex7	ats green day-cc? x 7	<b>]</b>		1					,		
9.14	_30			+H	290	/	<del></del>	I	-			<del>                                     </del>			<del>                                     </del>			
		· -	1 '.			512	1/20	green clay-pyrz	:	_	1	95	1					
		_							} :	_	1	'			.25			
	1	· .	ND						4.5		1	1	17	44171	1	.006		,08
		-	}				j			-	297	<del> </del>	-		.020×	1		
10.40	40		1		300	5/2	1/10 \$ 2	atz-chl-py (lin) xz			1							
12.19	40	:	-	Ш	300	1	1.4.	110000000000000000000000000000000000000	-	_					<u> </u>			
		,			'	,	V v :	(3.4.		-	1	90	1					
		_	} :		}	5+70	14 + 1/8	Py (cc) + 9t3-cup.	.5		1		7	14.70	.61	.018		.50
			ND		<b> </b>	1			1	<u> </u>	207		1	44172	l .	Į.		
			1			?	4½ <sup>¹</sup>	39-px-hem (cc?)(cup)	İ	bright red cupper _ oxide - prob cuprite_	1		1		. /Z 6X			
15.24	50	<u> </u>	1		310	<u> </u>	<u> </u>	00		oxide - blop cobuite-	1		ļ		<u> </u>			ļ
		_	1			E4.	hlex6	lim x 6	· /		1						.43.	
			1 '			5×6	1116 70			_	7	90					.43/. 3455	br
		_	40			65	24	qt3-nat Cu	₹.5	=	1		7	44173	.31	.006	3733	.25
			d " <b>"</b>			60	1/8	qt3-nat Cu qt3-cup (cc)		_	317	L	] '		02	1		
		ļ	7			/ 30	1/2	1 .		_	1				·03 0x	4		
18.29	1 60	·-	1		320	/   "	/20	9t3-chl-py (lim)	l		1		1	1	<u> </u>	<u>L</u>	<u> </u>	<u> 1 ·</u>

HOLE NO. <u>89-17</u> SHEET NO. <u>5</u> OF <u>7</u>

			1 1.1	<u></u>	• 51.114	1			Est	BOTTOM DEPTHS			ĺ	AS	SAY R	ESULTS		
ers	ىد	ROCK TYPES AND	< TO CORE FOLIATION	SK/	OG	Veins < to	Width of		%	LEACH CAP LIM. ZONE SUPERGENE	Footage	Estimated Core	R.Q.D.	SAMPLE	%	%		Estimated
O Meters	5 Feet	ALTERATION	A TO	Foliati Alterat	Foota	Core Axis	Vein	Mineralization	Ру	Remarks	Blocks	Recovery		NUMBER	Cu	Мо		Grade
			NO		/	15°	\Y <sub>2</sub> " Y <sub>10</sub>	9tz-chl-maz(py)(cp) gg-nat.cu	<b>∠</b> .s	-	327	90	10	44174	17. پره اهر	. o oB		.15
_3.05	_10				330	80	1/10+2	98-nem x 2				85						
			2			<u> </u>	.,		4.5	- - - -	337		10	44175	.12	.002		,० इ
6.10	20				340	15	/8×2	qtz-chl-carb(cp) x=				-						
			ND	1	/	2000	Y3 /8+Y20	9t3-mag	4.5		347	95	23	44176	. 12	.008		10
9.14	30			$\prod$	350	50 50	70 7-			-		95						i.
			нь			?	y4 8'	pts-cp broken zone	4.5	-	357	45	13	44177	.22	.015	.17	, 05
12.19	.40			-	360	40	Yo 12"	9 13 99-b4 913-chi-carb-cp		-		85					3410	
			42			, , , , , , , , , , , , , , , , , , ,	3'	gg-bx	< .5		367		7	44178	, 20	.004		. 12
15.24	.50			$\prod$	376	/ 5	3"	qts-chl-carb (vug) qts-ep ((ep))				85						
18 29	60		פא		380	60	2 ' 1/2 1/10	95-bx 9+3 9ts-cp	4.5		377		20	44179	. 06	.004		,10

HOLE NO. <u>89-17</u> SHEET NO. <u>6</u> OF <u>7</u>

											·				<u> 10</u>			
			< TO CORE FOLIATION	GR	APHI(	d	1419		Est	BOTTOM DEPTHS				AS	SAY R	ESULTS	S	
'n		ROCK TYPES	KS	[ i	.OG	1 401112	Width			LEACH CAP	1	Estimated		CAMBUS	~	97		
Meters	اب	AND	D C	0 0	0	< to Core	of		%	LIM. ZONE SUPERGENE	Footage	Core	R.Q.D.	SAMPLE	%	%	;	Estimated
1et	Feet	•	123	io t	Š d	Core		Mineralization	_		Blocks	i		NUMBER				
0.00	<u>.</u>	ALTERATION	\ \rangle \( \text{F} \)	Fol	F O	Axis	Vein		Ру	Remarks		Recovery		NOWIDEN	Cu	Мо		Grade
0.00				T		10 × 2,	1/20	inem - courb x=										
			7		1	30	1/8	7:3-chi-py (cp)		_	1	95						
			ם א		ľ				۷.5	_	1		33	44180	. //	.001		,08
			= 1			]				_	387	<b> </b>	<b>.</b>					•
3.05	10		4		390	20	<b>γ.</b> •	9tz-cirl - (cp)			1							
3.05	-10		4	$\dagger \dagger$	7	1543	Y10 x3	7t3-hem x3					1 0					
			コ			/	i l	·		_	}	98						]
			NO		ľ	90	1/20	atz(cp)	4.5	=	1		53	44181	.12	.001		.05
			7							_	397	<u> </u>						l
6.10	20		7	Ш	400	5	1/20	hem		=	1							
6.10	20		_	${\sf TT}$		10	1/10	9t3-chl-cp		_	1	0-	1.3				. 14	
		-	<b>=</b>	11	l	5×2	hle x2	hem xz		_	}	98						1
			du		ָן <u>ו</u>	80+90	1/2+1/4	9t3x2	<.5		}	:	40	44182	.24	.004	3363	.12
: !			7	Ш		30	1/10	atz-chl-cp		_	407							
9.14	_30		7		410	90	1/2	qt3-cp(vug)			1							
3.14			_	T		45+10	Y10+2	qtz-chl-cpx2			1		12					
			╡ _			131,0	10,52	· ·			}	95				_		ł
			5-20 Mod			<b>()</b> =	7"	qt3-chl-carb	•2	_	}		40	44 183	. 24	.017		.12-
			T mod		Ŕ					_	417	<del> </del>	-			ļ		
12.19	40		7		420	5-20	1,,' (	broken atz-ser-pyllopyw	4		1							<u> </u>
. 2.13			7	П	1			zone.			1	80						
			$\exists$							_	1	00				1	ŀ	
			5-20			<b>Q</b>			•5	_	1		0	44184	.29	.013		10
			- Mod.			40	1/8	qt3-cp			427					1		
15.24	50		7		430		/8	415-04		_								
				П		6		9tz-ser (py)(No)	1		1	7.						
			3					d13-20, (LA)/ma)			1	70						.08
			J 5 mod			4	1		.5	_	1		20	44 185	.26	.062	1	
			7 ""			4	3,	broken sone		_	457	<b> </b>	†					
18.29	s0		7		440	8.	2"	ata		-	-	İ					1	

HOLE NO. 89-17 SHEET NO. 7 OF 7

													ASSAY RESULTS						
်		ROCK TYPES	CORE	GRA L	APHIC OG	Veins < to Core Axis	Width		Est %	LIM. ZONE	Footage	Estimated Core	R.Q.D.	SAMPLE	%	%		Estimated	1
O Weters	Feet	AND ALTERATION	< TO FOLIA	Follatio	Footag	Core Axis	of Vein	Mineralization	Ру	Remarks	Blocks	Recovery	1	NUMBER	Cu	Мо		Grade	_
0.00	-0		76			36 70×1	1/10×2	qtz-ser-chl (cp) qtzxz	<b>√</b> .5	- - - -		95	17	44186	, 22	.004		,08	
_3.05	_10		Mod		450		3/2'	broken corc			441						. 25 3320		-
			70			?	14" 1/10+1/2+1/4	qt3-chl(vug) qt3-cp(cc)x3	۷.5	-		95	30	44187	-31	,004		. 25	
6.10	20		wĸ		460	40×3 50×2 40+45×2	110×2 120×3	qtz-chl-cpx2			457								1
		, =				60+70	18" 14	qts.chl-cp xz broken qts-ep 3 one qts-cp	<.5	=		70		44188	.16	.004	. 24	-14	
9.14	30	Sang F. Syrvall =									467								-
										-									
12.19	40	-								-							-		$\dashv$
15.24	50	-							-	-	-						-		$\dashv$
										-									
18.29	60	-															<u></u>		

HOLE NO. <u>89-/8</u> SHEET NO. 1 OF <u>6</u>

L	CATI	ON	Gib-East - NE cor	ner E	BEA	RIN	G		LATITUDE _	<b>~</b> 5	0,530 N	CORE	SIZE	N.9. W	ireline L	OGGED	BY.	M. Ther	2
D	ATE (	COLL	ARED <u>02-May-89</u>	L	.EN	GTH	40	07.	LONGITUDE _	n 48	3,970 E	SCAL	E OF	LOG _	<u>"=10"</u> D.	ATE _M	1 ay 30	- June	2/89
D	ATE (	COMF	PLETED <u>03 - May -89</u>	[	)IP.			90°	ELEVATION _	~	3832'	REMA	RKS_						
			ROCK TYPES	N N	GR,	APHI(	Veins	Width		Est	BOTTOM DEPTHS  LEACH CAP /32'		Estimated		AS	SAY R	ESULTS	3	
	Meters	et.	AND	A S C	10 to 1	.OG g	< to	of		%	LIM. ZONE 155	Footage		R.Q.D.	SAMPLE	%	%		Estimated
	.00.C ≅	5 Feet	ALTERATION	> TC FOLI	Follat Alteral	Foota	Veins < to Core Axis	Vein	Mineralization	Ру	Remarks	Blocks	Recovery		NUMBER	Cu	Мо		Grade
			Cased to 112'			(2)	2.												
						· ·	<del>1</del>		<b>08</b> .										
	3.05	10				2	d		-					 					
	5.05	_10	-			112	j					1/2		//2					
			Normal Mine Phase- Quartz Diorite			A	7		Brkn g.d mal stain				30%	,		.10	10.4		
			H. arean saussuritized	<b>۵</b> ۵.					atz Vn - broken,	0%		117		0%	<i>43</i> 8 <i>5</i> 3	.040 x	· 196	·	.02%
	5.10	_20	ad.; med grained -		$\prod$	120	-		Lim. Stain		_			120					
			nzolo chloritized mafics						Poer recovery		-		15%						
			, ,	ND					erubble?	0%		127		17%	43854		.047		.02%
	0.14	_30	=			130	20°	z "	ofz-chl-ser-lim shear			, -,		130		.040 x			
					Ш	/	20×5	hlex5	lim x 5.				73%	.J.u					•
				ND.		/	20°	/zo	4tz-chl-py-41.m)	.02%	ust sulphide.		13/0	40%	43865	.04	.008		.02%
				₩D.			70 x4	1/8 (44" xZ) t(1/22)	ste-che ser-lim ste-che-ser-lim x 4	,02/0		137		,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,020x			.027.
	2.19	_40		_	$\prod$	140	60	1/2 /10" 13	1/2- en 1 m x3					140					
							150	1/20	ftz. chl. I m				94%						
				ND.				18 hle = 6	ste-cle-ser.py-ling.	.057	]. ,	147		71%	438 56	.09	,004	.08/	. 02%
	5.24	50			Ш	150 /	20 30×2	1/16 1/20 X Z	gtz-chl-py-lim gtz-ser-chl-py-(lim)x2		15-me epidote segregation			/50		.02 ox		3680	

HOLE NO. <u>89-18</u> SHEET NO. <u>2</u> OF <u>6</u>

		ROCK TYPES	R >	GRAF	PHIQ Vaina	Width		Est	BOTTOM DEPTHS				AS	SAY R	ESULT:	3	
ars.			COR	LC	Veins			%	LEACH CAP LIM. ZONE	Footage	Estimated		SAMPLE	%	%		Estimated
Metc	Feet	AND	< TO FOLIA	Foliation Alteration	를 Core	of	Mineralization		SUPERGENE	Blocks	Core	R.Q.D.					
0.00	0	ALTERATION	\ F.	A F	Axis	Vein		Ру	Remarks		Recovery		NUMBER	Cu	Мо		Grade
					10°	1/10 1/8 X2	gra-chi-serpy-lim-(cc) ag-hom. x z				95%						
		-			30	116 XZ	99 - chl-py-(cc)? 1/2-chl-pyxz	. 1%			,0 ,0	32%	43857	. 18	,003		.04%
			ND		40 ×3	11643 6	9/2-14-521-04-59) x3	. 1/2	some epidote	157				.olox			1/0
3.05	10			16	30 XZ 60 / 10°	110 6	ag-hem		segregation.	<u> </u>		160		ļ			
		160-171 DK Alt = Phase ?			130	1/16	ote- ap -chl- py-ccp>				86%		·				
		- more sericitic, V	45° Mod.6		130	1/16	sta-chl-ser-pyx4 sta-chl-py-Lcp>	.5%	Ξ			46%	43858	.16	<i>∞</i> 3		.05%
		st. incr. in chlorite, epid. segregation	SH		45	911	atz-Ep . to (pyp)			167		. /8		4,610%			/•
6.10	20			12	70 / 25 x6	3/4	gtz-chl-ser-py x6 Grz-che-za-py					170					
-		171-197 _ N.M.P.Q.D, as _			1500	1	ate/- de-ser-py				63%						_
		above.	NP.		1/30°	hle xz	gg hem xz	1%		177	<i>J</i>	30%	43859	.08	,002		,05%
	7.0		10 80°		145x3 145x4	h/e +3,	gg-hem x3		-								
9.14	30			//2	15.	(1/8×2)+/20×2	gt = - ser-chl- py-scp)kg gg - hem - brkn. hem.		-		,	180					
			<b>Q</b> u		45° x 6	120 1/10×6	d stained come.		-	1	83%	,					. /
		<u> </u>	+ 0 45 ° V.WK		30 + (95% 4)		stz-che-ser-py x6.	1%	=	<i>18</i> 7		33/	438 60	.10	.002		.03/0
12.19	40		75 V.WA	16	15x3	1/10 × 3	gtz-che-pyx3 gtz-chl-pyx3					190		X0101			
12.19		-			70		ptz-ser-(chl)-py- (cp)				100%	. 70	<del> </del>			.13/	
		,	μņ		1 45°	110	otz-che-ser-py otz-ser-cho-ap-447		-		100 /.						2
			60°		/ 45 ×2	1/812	gta-che. sev- 124. (cp) 12	2%		197		56%	43861	. 12	,002	2627	.05%
15.24	50 50	197-207'	ÿ. ₩ K.	يرتبي [	1/1 30 10 12 15	1/8	ofe- ser-py-lim		Ξ	1		200		ļ.,			
		- Leucocratic Phase -	ηp		1/ 10x2	hlex2 0	1. m x2				99%						
		Seriate textured  1/2 rich rx (~25/3to -	70°		45°×8	1/20 X8	tz-ser-ahl-py-cpx8	20	<u> </u>	1	116	.1					101
		201 - 282'	WK		/ 3°°	10	ak-mo	2%		207		66%	43862	.09	,002		-06%
18.29	60	Mine Phase (?)	<u> </u>	2	36°	15 + 1/10	gtz-chl.sr-py-40) * 2 gtz-chl-sr-py		-	1		210					

HOLE NO. <u>89-18</u> SHEET NO. <u>3</u> OF <u>6</u>

			Ш	hn.	DUI	1			L-1	ROTTOM DEPTHS	-		l	<b></b>	SAY R	FSIIIT	<u> </u>	
		ROCK TYPES	E Z			Veins	Width		EST		•	Est!mated			1		, 	
n <del></del>			ŏ₽	C C	06 • •				%		Footage		l	SAMPLE	%	%		Estimated
ון פ	et	AND	ο₫	음음	D .	T .	of	Mineralization	,,		1	Core	R.Q.D.					
₹	F.	ALTED ATION	[ ]	is a	of i	31	Voin	William Girzation	ים	<del></del>	Blocks	Recovery		NUMBER	Cu	Mo		Grade
00	0	ALTERATION	V u	Ĕ₹	ŭ Ü	1			ı y	Remorks								
		This rock approaches				1	1/20 12	gtz-chl-py (cp) xz		_		97%				:		
			1		ľ	1	1/4+ 1/8	gte-ser-py XZ	لورز		i i	, .	,					
			İ		1	1.		al a li i lass	I	_	}		55%	43863	,05	.003		.05%
			t		1	30	hle	pt =-de-py. coated w/ na	tive :	Cu)	2/7						ļ	
05	10	It is still medigrained	1					of - chi. (py - highly tarnish	d to	a copper red color) _			224					
	1	my a hedral same a Hd-		Ħf	4	5.	hie "	otz-chi-sy-Jome copper	red tar	nish. —			2-0				-	
		2/ 2///2/				15	1/20	n 15 11 11 11	.,	,		93%						
		Plag. X13. 4 1/23 2018	+o				~~ CX3	ot. sat. (d) -cp(some tarr	زلمة	_								
		of chlorite enrichment.	70-80°			45°	1/4	of. de ser-tsp. (py-cp)	1%	_	227		18%	43867	,03	1003		.08%
		04 ~ 35%	v. w/<				1/20 24	ptz-ch/- Ser-py X4		_			Ī					
10	20		<b> </b>	-	<del>73</del> 0 /	600	1/10	<del>/</del> 18		<del> </del>	<b>1</b>		230					
	1		1		ŀ	50.				chloritic, vuggy =	1	951					•	
- 1		fso N 45-50/0 -				30 x2	1/20 X2	pta-chi-ser-py xZ	ا . ا	Zont.		<u> </u>	-11					
		17	1		V	30"	1/20	gtz. chl-ser-py-cp	1%	_	727		10%	43865	,03	1007		.05%
		·	WK.		1/	A.	700	otz-chl-py			23/		·	-		·	.06	
14	.30		<b>.</b>		745	145° x 2	1116 X 2	ofz-de-Surpy xz		-	<u> </u>	l	240				3590	
		-				35 x 2	1/8 x 2			•		211						
			1 '		/	20°	1/10	etz. chl-sor-py		_		9/%			1			
		Ξ	60-70		1	20 X 2			10/	_			2001		.03	.00		.06%
			V.W.F.					# ca	1 /8	-	297		10/0	438 66	,02	1001		• • • •
10	1.				250	[	1110	, , , , , , , , , , , , , , , , , , , ,		epicione segra	1		200					
.19	40	conson amined -		╁┼┼		/	/8	( '/ '	-				230					<b></b>
		- 23013 61 41	N.D.		- 1/		YILX Z	gtz-do-pyxz		_	1	1000						
		$\equiv$	+0		r	1	ì	gtava. chi-ep-py		_	}	100/	201		ا ما			
		_	70.80			20 12	1/107/16		1%		257	'	190%	43867	.O <b>4</b>	1001		.05%
1		=	v. Wk.		. P	50	1/20	gtz-chl-ep-py	İ				1 `					
24	.50		1	<del>       </del>	260	/3°	1/8	gtz chi- py-cp	<u> </u>		<b>1</b>		260	ļ				<b></b>
			1		ľ	1600	7.0				1							!
			1 .			7					1	101%		1	1	1		
		$\exists$	NO.		<u> </u>	1	1/4	at All a a mark ou co	.5%		1		87%	1128 48	.09	1001		.06%
		Ξ.	}		/	1	1000	1972. WILL STEEL STEEL STEEL		.,,	<b></b>	<b></b>		73000	•			"
20	60		1	111.	201	15x2	1/20 23	1012-301-CNI- py- CP 13		- epidote segregation.	}		270				ĺ	
1	05 0	0	ALTERATION  This rock approaches a serial factor of the serial factor of	AND ALTERATION  This rock approaches a serial factor of the serial medigrains  We calledral saw alto to to to to to to to to to to to to t	AND ALTERATION  This rock approaches a serial forting to the forting to the serial forting to the plag. x/s. of has zones to	AND  ALTERATION  This rock approaches a serial form of the serial form	AND  ALTERATION  O  ALTERATION  This rock approaches a serial inviting to the control of the con	AND  AND  ALTERATION  O  ALTERATION  O  This rock approaches a service representation as service representation representation as service representation as service representation representation as service representation representat	AND  ALTERATION  ALTERATION  ALTERATION  This rock approximes as serial related to the proper of the	AND  ALTERATION  A	AND  AND  AND  AND  ALTERATION	ROCK TYPES  AND  AND  ALTERATION  ALTERATI	ROCK TYPES  AND  AND  AND  ALTERATION  ALT	ROCK TYPES  AND  AND  ALTERATION  OF STATE ARE SUBJECT TO SUBJECT	ROCK TYPES   So   Core   Cor	ROCK TYPES  AND  OLYGORY  AND  OLYGORY  ALTERATION  OLYGORY  OLYGO	ROCK TYPES  AND  AND  ALTERATION  ALTERATI	ROCK TYPES  AND  AND  AND  ALTERATION  ALT

HOLE NO. \_\_\_\_\_\_\_ OF \_\_\_\_\_\_\_

%			
	1 %		Estimated
<u> </u>	1 140		
Cu	МО	1	Grade
.03	,003		.03%
	<u> </u>		
		.05	
.11	.002	3543	.05%
			300/2
112	1000	식	.10%
			<b>'•</b>
	1		
			i
.01	.001		.037
			,
	1	1	
		_	
.10	.00	3	.13%
			M.Sz.
	<del>                                     </del>	1	1
	.		
.08	.002		.09%
		2500	
	,12	.03 .003	.03 .003 .05 .05 .3545

HOLE NO. <u>89-18</u> SHEET NO. <u>5</u> OF <u>6</u>

ROCK TYPES  AND  ALTERATION  ROCK TYPES  AND  ALTERATION  ROCK TYPES  AND  ALTERATION  ROCK TYPES  AND  AND  ALTERATION  ROCK TYPES  AND  AND  ALTERATION  ROCK TYPES  AND  AND  AND  ALTERATION  ROCK TYPES  AND  AND  AND  AND  AND  AND  AND  AN	Estimated
AND COME TO SUPERGENE SUPERGENE RECOVERY NUMBER CU MO	
AND COME AND	
0.00 0 ALTERATION VE LZ & GAXIS VEIT FY Remarks Cu MO	Grode
0.00 0 ALTERATION VE LZ & GAXIS VEIT FY Remarks Cu MO	Grade
- // 10 x2 /2012 gtr.ep x2	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	
N.D   5"   otz-ou-chleab-4py) .6%   337   91% 43875 107 ,002	.08%
160 116 10t2-ChQ-ep-17 337	,55%
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	
3.05 10 7 340 1250 120 777	
-	
TND. 1100% 439 51 .03 .003	.027
= 1/16   1/16   9/10-ch/-ser-py   1/16   9/10-	102%
6.10 20 - 350/50 VIO 9/2-ep.(ch) - 350	
5. 1/20 Patz-ep-cho.	
N.D \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	21
1	.02/
9.14 30 360 Ze 118 ote-chi-ser-py 360	
- 160. 1/8 94/2-ep-sir-py	1
ND   130x2   1/12   1/2   2/2	
1 6" Qtz-Chi-Carb-Ep. In 367	1.02/
-	
12.19 40 - 3701 50 110 12-cho-ep-vugg-Lpy) - 370	
1	
30 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1/2	.04
	3455
1	.087
1/2 1/2 de-de-py-cp	
15.24 50 -abybrid zane? - 380 16 1/8 likeln-al-cap veg 24	
B   Go 2"   Ot Va - de - e o ched stain in ) Dr. Caloritic Come	
John Jacks on shoot	
	-1
N.O   6"   CAFE Vom · Vugy · AUT · ep · ropy   57%   439 55 .04 .003	. 02/
- 1/30 1/2 Artz-chl-ser-ep. tr (21)	
18.29 60 - 390 / 3 1/2 19 to - 50 - ch - ep - py vyg - 390	

		ROCK TYPES	ORE	GR/	APHIC OG	Veins	Width		Est	BOTTOM DEPTHS  LEACH CAP  LIM. ZONE	Footage	Estimated				ESULTS		Estimated
Meters	Feet	AND ALTERATION	< TO CORE FOLIATION	ollation	APHIC OG	< to Core Axis	of Vein	Mineralization	%   Py	SUPERGENE Remarks	Blocks	Core Recovery		SAMPLE NUMBER	Cu	Мо		Grade
0.00	0	ALTENATION	dh -	 	IL 0	20 AZ_ 30 4 S	1/4 1/4 5"	1 2 0 + 2	1%		397	96%	70%	43056	.09	.007		. 08% 4: MoS
3.05	_10		]         			5° × 3 30 × 2 30 × 2 70 70	1/2 + ( 1/0 x 2 )	ote-chi an-vup-py  Osto-ser-chi-py-mo  ote-chi-ser-py th  cent-gg-hom +2  ote-cart,  gte-chi-py	.57.	hematite Stain.	407	94%	400 76% 407	93957	.06	.003	,06	. 0 3 Fair M
6.10	20	E. O.H. @ 407'.						_								<i>R</i> 22		
_9.14	_30													mK	Se	in		
_12.19	_4(	)																
15.24	5.0	0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1								<u> </u>							
			711111								11111							

HOLE NO. <u>89-19</u> SHEET NO. 1 OF <u>6</u>

LOCA	TION	NE. Caper - Gaz- Fast	2:4 E	EARIN	1G		LATITUDE _	~	50,270 N	CORE	SIZE	N.a. w	Uireline L	OGGEI	D BY.	M.R.	Thon
DATE	COLL	ARED	L	ENGT	٠	104'	LONGITUDE_	~	49,200 E								
DATE	COMP	PLETED <u>04 - May 89</u>	D	IP	•	90°	ELEVATION _		,	REMA							
		ROCK TYPES	N.	GRAPH	Id Veins	Width		Est	BOTTOM DEPTHS LEACH CAP 230'		Estimated		AS	SAY F	RESULT	5	
Meters	Feet	AND	O C IATIC	tion ition age On	Veins < to Core Axis	of		%	LIM. ZONE 24<	Footoge	]	R.Q.D.	SAMPLE	%	%	·	Estimated
0.00	D Fe	ALTERATION	쥬	Folla Altera Foot	S Axis	Vein	Mineralization	Ру	Remarks	Blocks	Recovery		NUMBER	Cu	Мо		Grade
_		Cased to 90'			ه. ن ن				•								
					2	i	9. <b>8</b> .		-								
_3.05	10			90			·					90					
3.00		Normal Mine Phase-			/ 45°	.,,,	L /4 L		Lim + hem along	90		90		<u> </u>			
		~ 30% gtv ~ 20% chl. ~ 50% saussuttized plag	+• 0.0		/ 20°	1/8 hle	phoches gg-hem	0%	fractures thrusan			17%	4367/	.04	.002		_
6.10	20	n 50% saussubtized plag med ar. 10-275' 0	70 ° 4. WK,		15.	h/e	lim	"	Poor rec. Some epid. segugation		35%		, ,				.01%
J. 10				100	1 50	hle 0	im Kmnoz					100					
			NO.		/20		gho-che-ep-lin- sugs	0%	-	-		30%	,	- 4	2		.01%
9.14	.30				120 126 x 4	У10 han × 4	100 x 4		-	<i>107</i> '		5070	4367Z	.07	,002		1.5,78
9.14	0،			1/0	10	1/8	atz-che-lim				- 0/	110					<u> </u>
			ND		5 46	hle X6		0/			90%	,			. 4		
					100	1/4 ble	hen	%	hemistain.	117		43%	13673	.12	,004	.07	
12.19	40			120	50	<u>//8</u>	2 ta ep-gg - 1/m			-		/20				3725	
					il I	1/20 n/e	99 - 1 im 99 - hem	ار	hem stain.		88%	_ •/					
		3	N·D.		60 1.20 x 2	1/20	gte. cht-lim.	%		127		30%	43674	.06	.002		.017
15.24	50			130	10	1/20	gts. del- ep. lim		_			<i>13</i> 0					

HOLE NO. <u>89-19</u> SHEET NO. <u>2</u> OF <u>6</u>

		·····		T .	т		<del></del>	1	r				ı	•					
			BOOK TYPES	H ~	GR/	APHI	d <sub>1/2:2</sub>	147. 44.		Est	BOTTOM DEPTHS				AS	SAY R	ESULT:	5	
i	w		ROCK TYPES	Ωð	L	.OG	ACHIO	Width			LEACH CAP		Estimated						
	e C	اب	AND		5 5	0	ହ < to	of		%	LIM. ZONE	Footage	Core	R.Q.D.	SAMPLE	%	%		Estimated
1	Meto	eet	AND	[음음	100	Ď	Core	01	Mineralization		SUPERGENE	<u> </u>	المحت	ות.ע.ט.			<u> </u>		
1		IĽ	ALTERATION	< TO CORE FOLIATION	흝	Footage DO.	Core Axis	Vein		Ру	Remarks	Blocks	Recovery	1	NUMBER	Cu	Мо		Grade
	2.00	0		ļ <u> </u>	μ∢	12 (	80		o home	. ,	Kentarka		ļ		<b> </b>				
				1		_ r	1 50	hle hle	og-hem chartic-soraciticgg		_	]	97%	l	.		1		
			Ξ	1		- 1	Ί.,	17,	4		_	}	1 . 70	-7./					
			=	ND		1	/[ '"	1/6	gtz-che-ep-gg-hem.	0%		}		57%	43675	.03	.002	,	01%
				1 '`		<b> </b>	160 X2 130 X3	hlexz hlex3	hemxz lim x3	-/•	hem stain.	/37		İ	,,,,,,,	,00	,,,,,		
		1	Ξ	1	$\  \ $	1/		hle.	hamxa ata-cal-lim			1		}	Note: Change				
3	3.05	10			Ш	140	/30		ate-chi-lim		7			140	in Sample				
		1 1	-	1		1	120	1/26	99		hem. Stain	1	99%		# sories				
		1 1		NO			/ 5°	1/ m	[an -1 im -9/7 5.68			1	77/0						
			_	800		V	/30	1/8	gtz-che-ep-lim-(Mnoz	07	_	1		65%	43826	.05	.008		.7
				ωκ.		- 1/	1 20	1/20	grz-chu-lim	"	1	147		" ' '	′~~				.01/
				1			2×08	he x z	limxz		) ,	1	l	ŀ	ŀ				
	5.10	_20		<b> </b>	H	/50	/30×3	hlex3 hlex4	lim x3		lim. stain.			150					
	ļ·.	l	<u>-</u>	]		Y,	45 × 4		limxz.		(	1	99%	•					
<b>∤</b> ■				1		1/	10	1/6	gorgy gtz-do-lim-him	۱ ا			' ''						_
			<del></del>	ND.		V	′ <b>3</b> °	1/10	ptz-chl-lim	0%	<i>-</i>	-		69%	13827	.10	.005		017
18			·	}		1	460 XZ	hlexa	henxz		Core is tresher	157	<b></b>	01/0	7382/	·	1		•
		70		1 .		. 1/	45	hie hie	hem		now - more solid	1		<b>.</b> .					:
9	.14	_30		<b></b>	+++	160 1	<del></del>		hem		1055 0070V 01+m	<b></b>	<del>                                     </del>	160	<b></b>		<u> </u>		
		1 1		]		/	30×2	1/20 12	9g-linx2		-less goagy altm		101%		1			.06	
		1 1		1			20	h/e	lim		- much less lim -	1	1,0.70	1			1		
		1 1	_	ND		1/	50 12	hlexz	99 - hem x Z	0%	+ hem stain -			68%	43828	.06	.002	3680	.017
		1 1	Ξ	1		η,	ا . ا	ال	9/2-ep XZ		though still =	167	<b> </b>	ļ '	13020				· ~ ~
	2.19	امدا		1		1	30 + 15°	1/20 x 2			some on fracture	1							
┍┱╅╌╵	2.13	40		<del> </del>	H'	10 1	30 +20	1/2ω x 2	gg-hem YZ		2-11-21	<del>]</del>	<b></b>	170	<del> </del>		<del> </del>		
			Ξ	-		- //	10 x 3	1/10 x 3	sta-che-ep- vugs-limx	<b>B</b>	-		111%		[				
			Ξ	1			$  _{A_{r,s}}$	her x3	lim x3	ا ر	1		11110	7,21					
				NP			145×3			0%	_			76%	43829	. 05	,003		10/
				- 1			1012	1/10×2	str-de ep-limxz	, -		177		+					/•
1	5.24	50		1		1801	45°	1/8	100 V - 26 (NO)		<u>-</u>	1		180	]				
	.1. <del>/ 4</del> 1.	<del>- 2</del> 01		1		10011		/	Qta Vn - chl-ling			<b> </b>	<u> </u>		<u> </u>		-		
			<u> </u>	-		1	100	1/10	gte-cho. vugo-klimy		_	-	92%		[				
			Ξ	1		1	30	1	gtz-chl-ep	1	1	1			.				
				ND		17	20		gtz-chl-lim	0%		1		72%	43830	.07	,004		.012
			-	┤```			1, -	Lex5	hem x5		-	187	<u> </u>	1	'	•••	1,007		10
	8 20	20	<del>-</del>	]		190 Y	135 15		gtz-clo-lim		_	1	1	190					· ·
	U. Z. 3	-uu	<del></del>		ىلىد	1/0 1	<b>№</b> 3	/ <i>X</i>	At 4. Clf - 114			i	L	<u> </u>	<u> </u>		L	<u> </u>	<u> </u>

HOLE NO. \_\_\_\_\_89-19 SHEET NO. \_\_\_\_3\_\_OF \_\_6\_\_\_

		ROCK TYPES	R Z	GRAF	PHIC	Width		Est	BOTTOM DEPTHS	]			AS	SSAY R	ESULTS	3	
Meters	Feet	AND	O CORE	tlon Stion	Veins < to	of	Mineralization	%	LEACH CAP LIM. ZONE SUPERGENE	Footage	Estimated Core	R.Q.D.	SAMPLE	%	%		Estimated
0.00	0 چ	ALTERATION	< TO C FOLIATION	Folia	Axis	Vein	William	Ру	Remarks	Blocks	Recovery		NUMBER	Cu	Мо		Grade
			$\exists$		26	1/4	gtz. che vugo str. lim Brin core w/ lim-hom.				93%						
			q <sub>N</sub>		/30	1/8	gtz.che. Lgg.tom)	0%				48%	43831	.04	.003		012
7 0 11			]		- <b>70</b> / 20°	110	ate In-vup-uche) 1/2- str. lim.	/		197							.01%
3.05	_10		}	20	/ 45°	1/8	Octain + was				- 0/	200					
			N D.		60°	1/8 hle	ofz-che-lim	0%		-	88%	rnol	12037	,,			
			}		10.	Z"	gg-lim-hom atz-chl-lim ep gg-lim			207		52%	43832	• //	.003	.07	101%
6.10	20		]	2/	· · · <del>    </del>	2"	OtzVn - lim-tuga (mal)					210				3635	
			15-80°		150	1/20 ×3	limx3 gtz_chl-ep-lim			]	88%						
			J, WK.		1 45	1	gtz.ch-llim - rugs)	0/2	=	217		52%	43833	.10	.003		.01%
9.14	_30		7	22	1 2012	1/16 12	gtz-chl- vugs-limxz-		Lmal7 noted.			220					
			=		120.12	1/10 1/2	otz-cho- Llimy x2		•••		73%						
			- 60 V.Wk		200	1'	gte lim che	%				63%	43834	,07			.017
			CI-M =		-80 × 9 1 20 ×3	1/6+(hlex3) 1/20 ×3	99-2hom) x 4 99-lim x 3	0/3	-	227			7383	'- '	.003		1 6
12.19	40		<del>-</del>	1 23	30 / 30×2 70	1/10 E	pte-chl-limx2		15t sulphide, -	1		230					<u> </u>
			=		<b>1</b> 8	1"	99-rubble		-		95%			]			
			.מ.א		40	1"	atzva-lim.	023	jste lim.	237		61%	43835	,05	.004		.012
15.24	.50		=	74	10 / 30	1/8	atern chl-vug-lim			1		240					
			=		1 60 x 5 1 45 x 5	hlex 5 hex 5	line ys		.chloritic fragment	-	88%						
			1 N . D.		45 45 43	44.43	plz. sor py-lim -egg>	.2%	Cp here is tarnished.	247		33 %	43836	. 24	,0/0		.13%
18 29	60		45°	1 2	10° 10° +50°	1/10 1/20 X 2	19/2-ch1-9-cp. (cc.bo)		-	1		250					

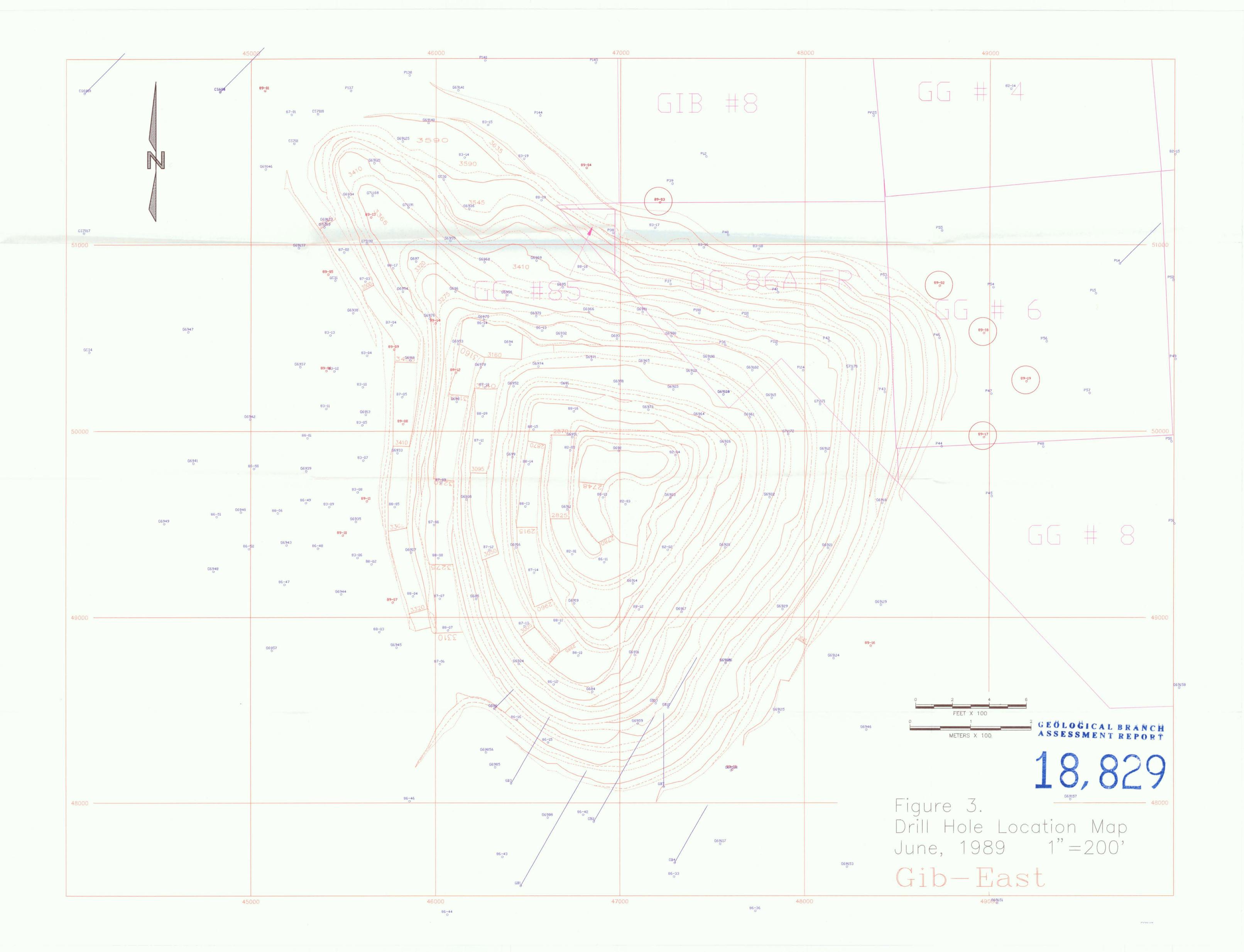
HOLE NO. 89-19 SHEET NO. 1 OF 6

		BOOK TYPE	W	GRA	PHI	d., .	1412 111		Est	BOTTOM DEPTHS					SAY R	ESULT	<u> </u>	
		ROCK TYPES	CORE	1 6	OG	veins	Width		%	LEACH CAP LIM. ZONE	]	Estimated		CAMPIE	07	OT		
Meter	Feet	AND	ο{	tlor	0.0	Core	of	Mineralization	/0	SUPERGENE	Footage	Core	R.Q.D.	SAMPLE	%	%		Estimated
0.00	n T	ALTERATION	< TO FOLIA	Foliation Ateration	Foot	Axis	Vein	WW.0. G.12 G.1011	Ру	Remarks	Blocks	Recovery		NUMBER	Cu	Мо		Grade
		248-255 Dt Alt ~ Zone w/		Ш		50 X 5	h/e x5"	gts. Me tainshed cp.cc x5		_		4/						
		segregated chitep. Approaches a ster	45-60		,	30 12	1/20 × 2	gtz-de tarnished ep-ccxz		_		80%	_	10007	,,		.18	
		in places.	WK		ľ	/30 × Z	1/8 x2	gh-chl-vugs. 4cp.cc) x2	.06%		257		47%	43837	.68	.015	<u>3590</u>	. 18%
		_	Mod.		- li	5°× 4		gtz-chl-ep.tarnished cp-cc	x 4	gh.chl.cp Vn =	2.57		-					
ا 3.05	_10			111	60	45 x 4	1/15 × 4	otz-chl. ep-py-cp-cc ya		gtz-che-spla		-	260					
						60°	1/20	otz-ser-py. Lchly		-chloritic fragment.		98%						
			80-45		ľ	6042	¥16 x 2	ptz-chl-ep - tamoshed cp-cc xz	24	=	]				_			-2.01
			V.WK.		4	45*	11.0	Sheltered rock - 99	. 3/0	)	267		30%	43838	.33	.002		.09%
6 10	20					A 30 x 2		gtz-dl-py-cc-im 12.		Broken, hem. stain,			270					
6.10	120			$H^{r}$	270	/ 5° 45-30	nle '	Badly bokn gougy. glo-che-cs	r) See.				270					
						95 x 2	420 x Z	ofsechl-py-cexz	1 .			92%						
			450		/	30		Gtz Vn-chl- (native cu)	. 1%				59%	43839	. 35	.006		.09%
		275-310. Seriate Textured QD.	V. W.K.			100	410 42	gtz-cho. ep-vugs-tarn. cp (na	t. cu :)	<del></del>	277		21%	42831	50		-	,,,
9.14	30		M.P.		280	70	1	Gtz Vn-Vap . cho lim py - cc- C	uprito?	]			280					
	$\prod$	fsps are euledrap			7	30 × 2	Y <b>s</b> 4	gtz.chi-en - (py-cè)										
			иР		· P	/ 45 x3	l	otz.chl. Lpy-(p-ch) x3				103%						
			10 45°			36*	1/0 "	ets ser-che prolimices	.3%	-	]		77%	43840	.20	.00/		.07%
			Y. W.K.	$\ \cdot\ $		1 3013	1/10	g/s. all ser py	/*		287		1 , 70		`^0			/.
12.19	<u>L</u> 40	· _	V. W.		290	/ 30.	1/10	1/2.do-vuy-py-1p-cu x3 g/z-chl-car-py-600 g/z-chl-vugs-py-6000					290					
		Í =				100		pt=-ch1-vugs-py-lternep-cc)		-		105%						
				$\ \cdot\ $		150	V/8 "	gtzcha-Vugs-py-(tarn.cp))	. 3%	_								
		_	40		/	20	1	ptz vn-ser-vap-py Ltarnep	- (c)		297		93%	43841	.19	.001	,	.097
		=		$\  \  \ $		130 42	1/8	glz-chl. py-cp-cc		•••	2.//			ľ			.3/	
15.24	.50	an-chi- ser-se		1115	300	/45	1/20	etz- chl-py	ļ	-			300				3545	
		Shear -	1		1	80°	1/20	str. che. py		_		104%				İ		İ
		=	]			50	//6	gtz che-ep- Ltarm. Cps	1	] =	]	104/0						
		]	ND.		Į,	50×3 .	h/e x3	lim +3	.1%	=	307		62%	43842	· 27	1003		.06%
		=		$\  \ $	,	50	1/8	ptz-chl-ep-farn cp-2cc-py)	1	=								
1 18.29	1160		l	Ш:	3/0	/ 10	1/20	gtz-chl-ser-py-cc	<u> </u>	l	L		310	1	<u>L</u>		<u> </u>	<u> </u>

HOLE NO. \_\_\_\_\_\_\_ OF \_\_\_\_\_\_\_\_

		ROCK TYPES	Z Z	GRAF	PHIC	V-:	147: 111		Est	BOTTOM DEPTHS				AS	SAY R	ESULT	S	
ပ	į		CORE	LC E	G .	Veins < to	Width		%	LEACH CAP LIM. ZONE	Footage	Estimated	i	SAMPLE	%	%		
ete	eet	AND	0.₹	atio	otage ucture	< to	of	Mineralization	/	SUPERGENE	1	Core	R.Q.D.	SAMPLE	/6	/0		Estimated
<b>≥</b> 0.00	C Fe	ALTERATION	< TO FOLIA	Foliation Ateration	Foo. Stru	Axis	Vein		Ру	Remarks	Blocks	Recovery	<u> </u>	NUMBER	Cu	Мо		Grade
		310.386'		Ш	1	20° 12	hle × Z	hem x2		-	<del>                                     </del>	/						
		N, M. P. A.D.			1	30.		gtz -de- vago · py - tarn cy · { 1-1 m			-	103%	,					
		= = = = = = = = = = = = = = = = = = = =	N.D.	111	- 1/ 1	30 × 3		otz-che-sar - py-ecc) x3	.2%	Fre mad.	}		58%	43843	.20	.003		.11%
		=======================================			- [']	1	1/8 1/8	pt=-cht-py-cp-cc	.~/*		3/7							
3.05۔	_10	-		32	20 /	30×2	V8 x 2	gta-che-vuys- py-sep-10)		en segregation	<u> </u>		320					
						10 7 5		g/z.chl-py- Ltarn.cp-cc) x5.			1	77%						
		=======================================				10°	1/6	atz Vn · vugo -chl - py-Ltarn. en	حد>-	-	1	// /8						
		‡	N.D.		75	20	y <u>z</u>	Brkniote ()	.3%	-	<u> </u>		40%	43844	.29	.003		.18%
		‡			7:	5.		gg-rubble. Co. nem-lim	10/0	_	327		<b>.</b>					
6.10	_20			33	~~ 1.7	20*	1/2	etz. chl. 4405-14-400-(c)			<b> </b>		330			-		
		‡	4. •			20 ×5 30 × 10	1/20 x 5	trachi- py X5		_	1 :	85%						
		7	45°		1	30	Ala '	gtz-che-pr-a	3%	<del>-</del>	1	0310						
		336-342'	•				15	atavn - chi - vugs-py-tarn.cp	CC - (COV	ב ב	337		45%	43845	, 28	.002		. 10%
		9+2 Ser. Stear/Louisviratic	Mod -			5.	1/10 × 2 46	gta-chl-pyxZ gta-chl-py		·	33/		•					
9.14	30ـ	zone Journalit		34			1/20 ×3	gtz-ser-py-cc x3		<del>-</del>			340					
		344.60			_ r i	1		pto- ser cp-cc		-	1	83%					-28	
		342.356 NMPQD	15-80		- r i	1	1/10×2 48+416	gtz-chl. tan. cp- cpy) yz gtz-chl-ser-py-tarn.cp-cc	V2	·		5070					3500	
		¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬	wK.		1/4	300	416	gtz-all- ser-py- cc	-27	3 45 to end of hole -	347		26%	43846	.44	.001		.19%
		=	•		18		1/10	gtz-do-vago-py especis	"	badly broken.	1 3 ! - / -							
12.19	40	_		35	0		51	Broken cone- 4997-1110bs	-	Frist System. ?	1		350					
		7			_ []			1/2-ch/-ser-py x2			1	69%						
		7	.1 -			5 x 2	hle xz	hom - lim x2		_	1	0 / /0		-	26			,
		356 • 404'	N.ID.		[4	164	, l	gg. aten do py lan epece	. 2%	<u>-</u>	357		6%	43847	.35	,00/		.10%
		Louro Crotic Phose			1	10*	1/4	atz. Vn - tarnicp. LCC-pro	٠.	<u>-</u>	1		•					
15.24	50			34	50 <b>/</b>	10*	1/2	atz-chl-py-cocz		_	1	· · · · · · · · · · · · · · · · · · ·	360					
		~ 5% chi			//	<i>ta</i> •		Ote Va - Ctarn.cp - ccy		some shearing	1	60%						
		-60% whitened play (seconds)	45-60		1	3.0		gton per-chl-cp-py			1	6010						,,
		- Med areined	phod aq		<b>/</b> /	1.0	1	gtz-en-che-py-up	.2%		367		0%	43848	.48	.006		. 20/
		- euhedral to subhedral ]	d N			10*	·/s	4/2- del- sev-py-400-00)		_	1							
1 18.29	LL 60	- hem. stain thru. out -		1 37	01	450	<u> </u>	rubble gg -lim	i	****	<b>i</b>		370				<u> </u>	

				Г	г —		1		<del></del>			γ		<del>,                                    </del>					<u></u>
-			ROCK TYPES	2	βR.	APHI	$q_{Voin}$	/A5:4+L		Est	BOTTOM DEPTHS	4		l	AS	SAY R	ESULTS	Š	
ļ	Ø	ļ	NOCK TIPES	I 유호	Ĺ	.0G	1 40,113	Width		ا ـــ	LEACH CAP	4	Estimated	1					
	Ď	يد	AND	\ \rac{1}{2}	9 6	Q.	<u>্</u> < to	of		1 %	LIM. ZONE	Footage	Core	R.Q.D.	SAMPLE	%	%		Estimated
	Meters	Feet	7.110	123	3 0	Ď.	Core	0.	Mineralization		SUPERGENE	1		11.0.0.					
1		11	ALTERATION	< TO CORE FOLIATION	5 4	, õ	Axis	Vein		Py	Remarks	Blocks	Recovery		NUMBER	Cu	Мо		Grade
	0.00	-0		ļ	m	<u> </u>	,		<b></b>	<u> </u>		<del> </del>		<u> </u>	<del></del>				
							5 12	1/20 × 2	gta.ser-che.py-cp-cc. hemxz	†	_	1	72%						
			_	1		17	5° x2	1/16 XZ	gtz - chi-ser-ep-ec-cpy)x	2.	_	1	, , , , -	/					
18				ND	$\  \  \ $		5 , , , ,	7	v	l i	_	-		28%	13849	.35	.003		.09%
			_	1	$\  \  \ $			551	tubble-lgg - lim-hom	. ' /•	-	377		ļ	ľ ' ' I	, , , ,	~		2
		4.0		i	$\  \  \ $	(	1	(3)	F14		-	<u> </u>							`
	ــا 3.05	<b>L</b> 10			HH	<i>380</i> (		)	ļ			<del></del>		<i>38</i> 0					
				1	$\  \  \ $	Į.	30	1/10	gtz-aer-py-kepac)		Badly broken.	1	101						
			<u>-</u> -	j		:	1200	her "	hem .			_	61%						
		} }	-	No.			/50	1/10	atz-py	·z%	_	7		10%	43850	.22	.004		,06%
		1 1		1 ****		- 17	1 50	2 1/2 11 2	atzva.py -up-ce) - rubblego	-hem		387		, , , ,	' -		•	25.	' "
	0.40			1	$\ \cdot\ $	390	50	ł	ate Vn. py-ip-co	1	hem stain =	_						3455	
	6.10	_20			╂╂┫	270 17	<u> </u>				7 4 M 3 / WCW -	<del></del>		<i>3</i> 90			-	3423	
	1.			1		1/	/ <del>  20</del>     5°	1/10	gtz-cho-cp		_	1	1-01						
11				1	$\  \  \ $	را را	70	410 6 "	gte-chepy-LCP7			<u> </u>	65%	,					
1			_	NO	$\  \  \ $	F			19 · rubice - hom.	.3%	_	-		20%	4385/	.ZZ	1012		.19%
			_	1		4		1/8	gtz de.cp	( )	-	397		_ ,	ĺ	124	1012		•"/•
			<u>-</u>			1	120 x Z	110×2	gtz-che ser-PY 12		- -	1			ĺ				
	9.14	ا30			HH	400	7,15	110	gtr-che-py-cp				- 4/	400					
		1 1	<del>-</del>	AD.	$\  \  \ $		5	1/20	gtr-ser-py	.1%	-	1	70%	4%	43852	,08	.001	.20	,037
				ЧΡ	Ш	404	.*	120	1	/*	_	404	-	404	75952	,00	.007		
			- 0 · 1 · 0 · 1 · 1 · 1		Ш						-	-							l
		}	E. O.H. @ 404'	1	$\  \  \ $		1				_	1			230	-			
	10.10	4.0	_		$\  \  \ $	1		· 			_	<u> </u>			2001	Ja	ron		
H	12.19	-40			Н		+	ļ				<del>}</del>					· · · · · · · ·		
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	15.24	50		<del> </del>	H		-					<del> </del>							
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	118.29	1.60	-	1	Ш				<u> </u>		-	1		<u> </u>					



### **ASSAY CERTIFICATE**

EXPLORATION		

Date ...... 6 JUNE ... 19.87.

Sample No.	% Ox. Cu.	Total Cu.	% MoSz			
				89 - 18		
43951		. 03	.003 —	3 40 - 350		
52	,	.04	.001	5		
<i>5</i> 3		.02	.001 -			
54		.06	<.001			
<b>5</b> 5		04	.003 —	- (_		
54	·	-09	.∞7	<u>- シ</u>		
57		.06	.003 -	400 -407		
0				89-18		
439/59		.08	.002 -	170-180		
,				89-18		
43943		. 05	.003 ¬	210-220		
4		.03	.003	230		
45		3	-002	240		
4		.02	.001	250		
<b>*</b>			,			
43969		.03	.00.3	270-280		
70			,002			
71		.12	.002	<u>-300</u>		
<b>A</b>			•			
43 4 73		.10	.003	3 10 - 320		
· · · · · · · · · · · · · · · · · · ·						
43975		.07	.002	330-340	<del></del>	
•		j				
	1					-
- Constant Autor	1					

cc: Assay Lab.

Assayer D.A.W.

#### **ASSAY CERTIFICATE**

XPLARATION	Date 4. JUNE, 19.8

Sample No.	% Ox. Cu.	Total Cu.	% MoS <sub>2</sub>		
				89-18	
43853	04	. 10	.196 -	112-120	
54	.04-	.07	.047	130	
55	.02	.04	.005		
5/4	.02	.09	.004 -	<u> </u>	 
57	.01	. 18			 
<b>5</b> 8	<.01	.16	.003	160-170	
43860	<.01	.10	.002 -	180-190	
61		.12	.002 -	200	
62		.09	.002	210	
43867		.04	.001 -	250 - 260	 
<b>68</b>		.09	.001 -	270	
43872		.07	.001 -	300-310	
<del>4</del> \$874		80.	.002 -	320-330	
<u> </u>					
*** **********************************					 -
1.0					

cc: Assay Lab.

Assayer D.A.W

## ASSAY CERTIFICATE

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			100.	₹£.		L+
			100	<del>56</del> ,		<del>7</del> /-
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			500.	٥٤.		E <del> -</del>
	T (F A)		<u> </u>	75.		45
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			200	£ £ ,		<b>3E</b>
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	1/26-	of 91-98	010	छा :		<u> </u>
	,					
			2001H1 04	'no mo	% Ox. Cu.	Sample No.
			'SOM %	Total Cu.	"5 ^0 %	old elame2

### **ASSAY CERTIFICATE**

FXPLADATION		

Date ..... 5. JUNE., 19. 89.

Sample No.	% Ox. Cu.	Total Cu.	% MoS <sub>2</sub>		
				89-19	
43851		. 22	.012-	390-400	
52	,	. 08	اهو.	100-404	
				89-28	
43896		6	.001	250 - 260	
97		.10			
98		.22	.004 -		
<b>. 1</b> 9		.12	. 005 -		
439∞		.12	.003 -	<del> </del>	
_01		.10			
62		7	.004	)	
03			.004 —	320-330	
139 05		.16	.004	340-350	
06		. 13	.013	1	
07		.14	4	/	
<b>6</b>		. 14	.004		
<b></b>		.14	.003	-	
		.14	.004		
		.12	.003		
12		.14	.003	_	
13		. 14-	.003 _		
14		.12	.002 -		
5		.09	. 02 -		
14		.14	.002		
.17			.001		
		. 09	.001		
		.12	.003		
<b>2</b> 0		9	.001		
21		. 09	.002		
22		, of	_ اص		
23		.19	.002 -	520-530	

cc: Assay Lab.

Assayer . The A. W.

#### **ASSAY CERTIFICATE**

Exploration

Date May 11 , 19. 89

Sample No.	% Ox. Cu.	Total Cu.	% MoS2	89-17	
18144		12	·001 -	390 - 405	
82		٠24	.004	)	
83		٠24	1017 -	- (	
84		. 29	.013	- 7	
35		.26	,062		
86		-22	-004 <del>-</del>	- 7	
81		131	.004	-	-
98		.16	4004	- 460-467	
			•		
45867-67	C.01	-34	. 006		
45868-71	<.01	٠25	. 007		
45872-76	C.01	. 21	.009		
45881-85	C.01	-39	-018		
45 286 - 87	6.01	.27	,006		
<del></del>					

cc: Assay Lab.

Assayer ....

#### **ASSAY CERTIFICATE**

Exploration

Date (May 1) (5)

	<del></del>				
Sample No.	% Gx. Cu.	Total Cu.	% MoS <sub>2</sub>	89-17	
44153	.03	, 05	1002-	91 - 120	
54	.04	, 04	1001 -	120 - 130	
55	.03	.06	,002	- 140	
56	. 06	.09	C.001 -	ÿ	
57	.06	, 09	.002	- 1	
58	.06	, 09	,002 -	-	
59	.07	.09	.002		
60	.,7	.26	1003	- /	
61	.06	.09	,002	- /	
62	.03	109	, 00 2 _		
(3	.04	.06	. 001		
(3 (4	, 03	.07	.014 -	-	
ÇS	· 100	,20	1608	- /	
66	.04	.07	, 006		
67	.03	.05	. 009	- \	
દ્ય	.02	. 21	1007	-	
69	. 13	. 55	1003 -	- ]	
70	.06	.39	.006 -		
71	.02	·25	. 006	-	
72	.12	.61	.018	-	
72	.03	.31	coob -	- 1	
24	.0)	.11	. BBB -	- /	
25		.(2	.602	_	
26		.12	. 60B		
22		.22	.015	-	
73		. 20	,004		
79		.06	-004	•	
80		, (1	- 100.	380-390	

cc: Assay Lab.

Assayer ....

## **ASSAY CERTIFICATE**

EXPLORATION

Date 20 APRIL 19.89

	89-03	% MoS <sub>2</sub>	Total Cu.	% Ox. Cu.	Sample No.
0 '	290-300	.002	.04		785 98
		.001	. 01		
		.001 —	.01		78600
		.001	. 02	•	01
		2.001	. 04		02
		.001 —	. 03		03
		.002	. 15		04
		.001	. 04		05
		.001	.01		06
	(	6.001	.02		<i>0</i> 7
2	390-400	.001	.07		08
,	400-407	L.001 -	. 01		09
	30-40	L.001 -	. 01		10
,		.002	. 02		//
,		.001	.01		R
		.001	.07		<i>'</i> 3
		.001	.17		14
		.001	.16		<i> </i> 5
		4.001	.07		16
		L001 -	.07 .05		17
		.001	.07		18
		6.001	.02		19
			.03		20
		<u> </u>	. 02		21
		( +	.01		22
	(6)	<u> </u>	.02		23
	(60)	2 +	.02		scl
<u> </u>		L-001 -	.05		25
/		.001 —	.07		26
		1.001 -	.07		27
		.001	. 07		26 27 28 29 30
		.001	. 04		29
	V	-001	. 18		30
	240-250	.001	.04		ssav Lab 3/

### **ASSAY CERTIFICATE**

Exploration

Comple No.	2 0 0	Tatal Ou	0/ 14-0	T	00.07
Sample No.	% Ox. Cu.	Total Cu.	% MoS <sub>2</sub>		89.02
78547		. 06	(.002	<u> </u>	270-280
4.8		. 06			
4-9	, , , , , , , , , , , , , , , , , , , ,	.06	1002		
50		.02	1002	,	
51		.00	,००८		
52		.13	2002		*
53		-10	<.002	_	
54		.09	.002		
55		,12	<,002		
56		113	(1002		
56 57		,05	.004-		)
5€		(63	.000	-	1 (1
59		(15	,002	-	
60		.06	(,002		100-405
L .					89-03
78575		128	.002 -		
		,31	,002 -		62-70
76		.26	۷.002 -		<del>                                     </del>
78		.33	(,002		<del>                                     </del>
24			<. 00L_		
80		-27	<.001		<del>                                     </del>
		(13	200.>		<del>                                     </del>
81					
82		.06	002		<del>                                     </del>
83		, 09	001		
83		1),	_ool		
8 S 86		(()	,00V		
.86		.13	C. 00 /-		
8 7		-12	۷.002		
87 88		.02	۷.302		190-200
				L	

cc: Assay Lab.

Assayer ....

## **ASSAY CERTIFICATE**

Expl	orator
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Date 4919 89

Sample No.	% Ox. Cu.	Total Cu.	% MoS <sub>2</sub>		89-03	
78589		, 01	1,002		200-210	
90		101	<.002 ~			
91		,06	4,000			
92	,	, ० ३	<.002_			
43		۵۵,	<.002			
94		112	(.002			
95		(0)	٧.٥٥٦			
96		109	<.0.2			
97		- (4	۷.502		280-290	
		-				
			/11			
				<del></del>		
			**.	<del></del>		
		<del>-</del>				
·						

cc: Assay Lab.

Assayer

## **ASSAY CERTIFICATE**

Exploration

Sample No.	% Ox. Cu.	Total Cu.	% MoSı	89-02		
78526	. 01	. 02	.004 -	56-70'		
27	.06	.08	.002 -			
28	.02	.04	.005 -	40		
29	4.01	.03	.002 -			
30	-	.03	.001		7	
31		.03	.001			
3,2	_	.04	-004			
33		.03	,003-			
34		. 03	1001			
3.5		.01	.003 -	_ (		
3.5 3.6		.03	.003	-	\	
31		.02	.004		)	
28		.04	.001	-		
39		.01	.004	- (		
40		.01	.002			
4		.02	-003	_ )		
42		.05	.004	/		<u> </u>
4-3		.04	.002	- 1		
uly		.03	.004	_ H		
45		.02	.002	_ /		
46		.06	.003	- 260-270		
					(21)	
	-					- 100
				-		

cc: Assay Lab.

Assayer .....

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