DIAMOND DRILL REPORT
on the
RED MINERAL CLAIM GROUP

Cariboo Mining Division

93B/8W and 9W

(Latitude 52°30', Longitude 122°17')

GIBRALTAR

OWNER and OPERATOR
Gibraltar Mines Limited
P.O. Box 130
McLeese Lake, B.C.
V0L 1P0

Author: M. Rydman

Submitted: October 1995

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1. INTRODUCTION

The Red Mineral Claim Group is part of the Gibraltar Mines Limited Mcleese Lake property. It lies due south of the plant site and extends in a southerly direction past the southern tip of Cuisson Lake. Main access to the property is via a paved road from McLeese Lake and a series of private mine haul roads. The location of the claim group is shown in Figure 1.

The claims of the Red Group have a common history with the other claim groups of the Gibraltar Mines property. Complete details of history are provided in a number of reports listed in the bibliography.

The area covered by this diamond drill program is located directly east of the Pollyanna Pit. Twelve vertical diamond drill holes totaling 1274 m (4180 feet) were completed during the period May 26 to June 6, 1995, by L.D.S. Diamond Drilling Ltd. of Kamloops, B.C.

2. MINERAL CLAIMS

The mineral claims of the Red Mineral Claim Group are shown in Figure 2. Information on these claims is tabulated in Table 1. All of these claims belong to Gibraltar Mines Limited.

NAME	RECORDED DD/MM/YY	TENURE NUMBER	UNITS	MINING LEASE
AL 5	02/07/64	207650	1	
AL 7	02/07/64	207652	1	
AL 8	02/07/64	207653	1	
AL 9	02/07/64	207654	1	
AL 10	02/07/64	207655	1	
AL 11	02/07/64	207656	1	
AL 12	02/07/64	207657	1	
AL 13	02/07/64	207517	1	4147 M86
AL 14	02/07/64	207517	1	4147 M86
AL 15	02/07/64	207506	1	3711 M74
AL 16	02/07/64	207517	1	4147 M86
AL 17	02/07/64	207506	1	3711 M74
AL 18	02/07/64	207506	1	3711 M74
AL 19	02/07/64	207506	1	3711 M74
AL 20	02/07/64	207506	1	3711 M74
AL 21 FR	02/07/64	207506	1	3711 M74
AL 22 FR	02/07/64	207517	1	4147 M86
EST 1 FR	20/05/71	207506	1	3711 M74
EST 2 FR	20/05/71	207506	1	3711 M74
EST 4 FR	20/05/71	207506	1	3711 M74
EV 5	19/10/65	207517	1	4147 M86
EV 6	19/10/65	207517	1	4147 M86
EV 7	19/10/65	207517	1	4147 M86
EV 8	19/10/65	207517	1	4147 M86
EV 9	19/10/65	207682	1	
EV 10	19/10/65	207683	1	
EV 11	19/10/65	207684	1	
EV 12	19/10/65	207685	1	
EV 13	19/10/65	207686	1	
EV 14	19/10/65	207687	1	
EV 15	17/01/66	207692	1	
EV 16	17/01/66	207693	1	
EV 18	17/01/66	207695	1	

NAME	RECORDED DD/MM/YY	TENURE NUMBER	UNITS	MINING LEASE
EV 20	17/01/66	207697	1	
FLO 2 FR	03/08/67	207751	1	
FLO 3 FR	29/08/67	207752	1	
FLO 4 FR	29/08/67	207753	1	
GG 9	28/10/64	207498	1	3603 M66
GG 10	28/10/64	207498	1	3603 M66
GG 15	28/10/64	207498	1	3603 M66
GG 17	28/10/64	207498	1	3603 M66
GG 18	28/10/64	207498	1	3603 M66
GG 19	08/06/67	207498	1	3603 M66
GG 29	28/10/64	207498	1	3603 M66
GG 50	28/10/64	207498	1	3603 M66
GG 51	28/10/64	207498	1	3603 M66
GG 52	28/10/64	207498	1	3603 M66
GIB 9	20/05/71	207498	1	3603 M66
HT 14 FR	08/06/67	207498	1	3603 M66
PAN 2	04/05/62	207519	1	4149 M88
STU 1 FR	18/07/69	207786	1	
STU 2 FR	18/07/69	207787	1	
STU 3 FR	18/07/69	207788	1	
STU 4 FR	18/07/69	207789	1	
STU 6 FR	12/08/69	207792	1	
VAL 3	18/03/66	207707	1	
VAL 5	18/03/66	207709	1	
VAL 6	18/03/66	207710	1	
VAL 7	18/03/66	207711	1	
VAL 8	18/03/66	207712	1	
VAL 9	18/03/66	207713	1	
VAL 10	18/03/66	207714	1	
VAL 11	18/03/66	207715	1	
VAL 12	18/03/66	207716	1	
VAL 14	18/03/66	207717	1	
VAL 35	12/08/69	207793	1	
VAL 36	12/08/69	207794	1	
VAL 37	18/07/69	207779	1	
VAL 38	12/08/69	207795	1	
VAL 39	18/07/69	207780	1	
VAL 40	12/08/69	207796	1	
VAL 41	18/07/69	207781	1	
VAL 42	12/08/69	207797	1	
VAL 43	18/07/69	207782	1	
VAL 44	12/08/69	207798	1	
VAL 45	18/07/69	207783	1	
VAL 46	12/08/69	207799	1	
VAL 47	18/07/69	207784	1	
VAL 48	12/08/69	207800	1	
VAL 49	18/07/69	207785	1	
VAL 50	12/08/69	207801	1	
XAIRE 1	23/07/62	207518	1	4148 M87
XAIRE 2	23/07/62	207518	1	4148 M87
Z 2 FR	03/03/66	207496	1	3601 M64
ZEPHYR 2	09/01/62	207496	1	3601 M64
ZEPHYR 4	09/01/62	207496	1	3601 M64
ZEPHYR 5 FR	03/03/66	207497	1	3602 M65
ZEPHYR 6	09/01/62	207496	1	3601 M64
ZEPHYR 8	09/01/62	207496	1	3601 M64
ZEPHYR 9	09/01/62	207497	1	3602 M65
ZEPHYR 10	09/01/62	207497	1	3602 M65
ZEPHYR 11	09/01/62	207497	1	3602 M65
ZEPHYR 12	09/01/62	207497	1	3602 M65
ZEPHYR 13	09/01/62	207497	1	3602 M65
ZEPHYR 14	09/01/62	207506	1	3711 M74
ZEPHYR 15	09/01/62	207500	1	3705 M68
ZEPHYR 16	09/01/62	207506	1	3711 M74
TOTAL NUMBER OF UNITS			97	

Table 1
MINERAL CLAIMS

3. TOPOGRAPHY AND GEOLOGY

The Red Mineral Claim Group lies along the southwestern flank of Granite Mountain and extends past the southern tip of Cuisson Lake (see Figure 1). Relief is relatively gentle, with elevations ranging from about 900 m to 1250 m above sea level. Much of the area has been logged during the past thirty years and second growth pine-fir forest is common. Drainage in the area is good, except for the low lying areas southeast of Cuisson Lake.

The claim group is underlain mainly by the Upper Triassic Granite Mountain Batholith. A small portion of the group (southern end) is underlain by rocks of the Permian Cache Creek Group. The Granite Mountain Batholith is a zoned, peraluminous, subalkaline body and can be subdivided into at least four phases. These phases are:

1. *Border Phase Diorite*

   This phase consists of a broad zone of assimilated and recrystallized rock formed between the mafic rich Cache Creek Group and the intrusive batholith. This hybrid zone incorporates a baffling array of intermediate rock types and rapid textural variations which closely reflect the country rock composition at its outer edge and that of the parent magma at its inner edge. Typical Border Phase Diorite consists of saussuritized plagioclase (45-50%), chloritized hornblende (35%) and fine grained quartz (≤15%). Textures are variable, with grain sizes of 1 to 5 mm. Mafic rich quartz diorites are also present and these are most prevalent near contacts with the Mine Phase Tonalite.

2. *Mine Phase Tonalite*

   Mine Phase Tonalite is the major host rock for the Gibraltar ore deposits. It has a relatively uniform mineralogical composition of saussuritized andesine plagioclase (50%), chlorite (20%) and quartz (30%). The chlorite appears to be derived from biotite and minor hornblende. Accessory minerals may include magnetite and rutile. Plagioclase is variously altered to albite-epidote-zoisite and muscovite. The rock is generally equigranular with a grain size of 2 to 4 mm. Rock fabrics range from isotropic to intensely schistose. In most cases the unmineralized rock is only weakly foliated and the degree of penetrative deformation increases proportionally with alteration.

3. *Granite Mountain Phase Trondhjemite*

   The trondhjemite consists of saussuritized plagioclase (45%), chloritized biotite (10%) and quartz (≥45%). Grain size is about 2 to 4 mm near contacts with the Mine Phase Tonalite but reaches 8 to 10 mm away from the contacts. The quartz commonly occurs as large grains or grain aggregates set in a finer grained, inequigranular matrix of quartz, plagioclase and minor chlorite. Foliation throughout the trondhjemite body tends to be weak or absent except along contacts with the Mine Phase or Leucocratic Phase.

4. *Leucocratic Phase*

Associated with all ore grade mineralization are minor zones of fine grained rock classified as Leucocratic Phase due to a prevailing quartz-plagioclase composition and general lack of mafic minerals. The term is used to describe leucocratic, porphyritic quartz diorite as well as quartz porphyry and quartz plagioclase porphyry. In thin section, the quartz plagioclase porphyry has a fresh appearance with coarse quartz phenocrysts up to 8 mm in diameter and oligoclase phenocrysts up to 5 mm in diameter. The phenocrysts, which make up 50 to 60% of the rock are set in a fine grained quartz-plagioclase-sericite groundmass with a felsophyric texture that shows little sign of recrystallization.

4. DRILL PROGRAM

4.1 Objective

The purpose of the drill program was to increase the reliability of the Pollyanna geological model and to search for new mineralization along the northern edge of the system..

4.2 Discussion

Recent diamond drilling (1994) confirmed the presence of significant amounts of sulfide copper mineralization directly east of the Pollyanna Pit. Current geological modeling and recent mineral resource development showed that the potential for further discovery and mineral resource improvement was good. Accordingly, twelve vertical NQ diamond drill holes totaling 1274 m (4180 feet) were drilled along the northern side of the Pollyanna mineralized system (see Figure 3).

4.3 Results

Mine Phase Tonalite was intersected throughout all of the drill holes. This host rock was variously altered with chlorite, sericite and epidote. Minor zones of the Leucocratic Phase were encountered in several of the holes. Most of the high grade copper mineralization was found either in the normal Mine Phase Tonalite or the chlorite darkened Mine Phase Tonalite. The sulfide mineralization in this area occurs as steeply dipping (40° - 70°) veins referred to as oriented stockworks.

Chalcopyrite and pyrite were observed in all the holes, along with minor amounts of molybdenite. Seven holes (95-15, 16, 18, 20, 22, 26 & 27) intersected significant amounts of ore grade mineralization. Four holes (95-17, 21, 24 & 25) encountered low grade mineralization and one hole (95-23) consisted of waste grade material. The high grade/low grade cutoff is 0.20% total Cu and the low grade/waste cutoff is 0.10% total

Cu. A summary of drill hole results is given in Table 2. Detailed data can be found in Appendix B - Drill Logs.

		BEST CONSECUTIVE 55 m INTERSECTION			
DDH	DEPTH (m)	FROM - TO (m)	TCu (%)	MoS_2 (%)	MINERALIZATION
95-15	152.4	94.4 - 149.4	0.28	0.019	py-cp-Mo
95-16	108.8	12.1 - 67.1	0.28	0.018	py-cp-Mo
95-17	92.0	12.1 - 67.1	0.11	0.005	py-cp-(Mo)
95-18	108.8	12.1 - 67.1	0.37	0.009	py-cp-(mal)-(Mo)
95-20	93.6	30.4 - 85.4	0.27	0.007	py-cp-mal-(cc)-(cup)-(Mo)
95-21	108.8	33.4 - 88.4	0.19	0.006	py-cp
95-22	143.3	85.3 - 140.3	0.30	0.011	py-cp-(Mo)
95-23	93.0	38.0 - 93.0	0.07	0.002	(py)-(cp)
95-24	93.6	36.5 - 91.5	0.13	0.004	py-cp
95-25	92.7	36.5 - 91.5	0.17	0.009	py-cp-(mal)-(cc)-(Mo)
95-26	93.6	33.4 - 88.4	0.34	0.015	py-cp-Mo-(mal)-(cup)
95-27	93.6	38.6 - 93.6	0.34	0.015	py-cp-Mo-(cc)

TCu = total copper py = pyrite cp = chalcopyrite Mo = molybdenite
mal = malachite cup = cuprite cc = chalcocite ( ) = minor amount

Table 2
SUMMARY OF DRILL HOLE RESULTS

4.4 Interpretation

All twelve of the drill holes confirmed the presence of the Pollyanna mineralized system and further enhanced the geological model. Holes 95-26 and 95-27 intersected a new mineralized zone associated with the system.

5. STATEMENT OF COSTS

1995 Drilling on the Red Mineral Claim Group

1) Diamond Drilling Costs
L.D.S. Diamond Drilling Ltd. of Kamloops, B.C.
Contracted Cost = $41,199.49 **$41,199.49**

2) Supplies

Core Boxes	200 @ $7.65/box	=	$1,530.00
Sample Bags	400 @ $0.27/bag	=	108.00
Misc. (flagging, topo thread, etc.)		=	25.00
Total Supplies			$1,663.00

$1,663.00

3) Vehicle Costs

1 ton 4×4 truck rented from
Lake City Ford Ltd. of Williams Lake, B.C.
$1095.00/month x 0.5 months = $547.50 **$547.50**

4) Sample Preparation and Assay Costs

Gibraltar Mines Laboratory (4 assays per sample)
385 samples @ $13.50/sample = $5197.50 **$5197.50**

5) Personnel Costs

Supervision			
G. Barker	32 hrs. @ $38.55/hr = $1,233.60		
Field Work, Core Logging and Report Preparation			
M. Rydman	124 hrs. @ $28.43/hr = $3,525.32		
Core Logging			
D. Poon	77 hrs. @ $20.60/hr = $1,586.20		
A. Stewart	95 hrs. @ $16.28/hr = $1,546.60		
Total Personnel Costs		$7,891.72	**$7,891.72**

Total Cost for 1995 **$56,499.21**

6. CONCLUSION

The information received from the twelve diamond drill holes on the Red Mineral Claim Group enhanced the geological model and improved the mineral resource of the Pollyanna mineralized system. Drill holes 95-26 and 95-27 encountered higher grade mineralization than expected. These two holes defined a new zone of high grade material which will require further delineation. A minimum of 4200 feet (10 holes) of NQ diamond drilling is recommended.

Murray Rydman

M. Rydman
Exploration Geologist
GIBRALTAR MINES LIMITED

7. BIBLIOGRAPHY

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2. Drummond, A. D., et al, The Interrelationship of Regional Metamorphism, Hydrothermal Alteration, and Mineralization at Gibraltar Mines, C.I.M. Bulletin, Vol. 66, No. 730, pp. 48-55.

3. Schaumberger, M. R., Diamond Drill Report on the Red Group, May 20, 1981.

4. Sutherland Brown, A., B.C. Department of Mines and Petroleum Resources, G.E.M., 1973, pp. 299-318.

5. Thon, M. R., Diamond Drill Report on the Red Group, October 16, 1984.

6. Thon, M. R., Diamond Drill Report on the Red Group, October 17, 1984.

7. Thon, M. R., Diamond Drill Report on the Red Group, July 13, 1987.

8. LIST OF FIGURES

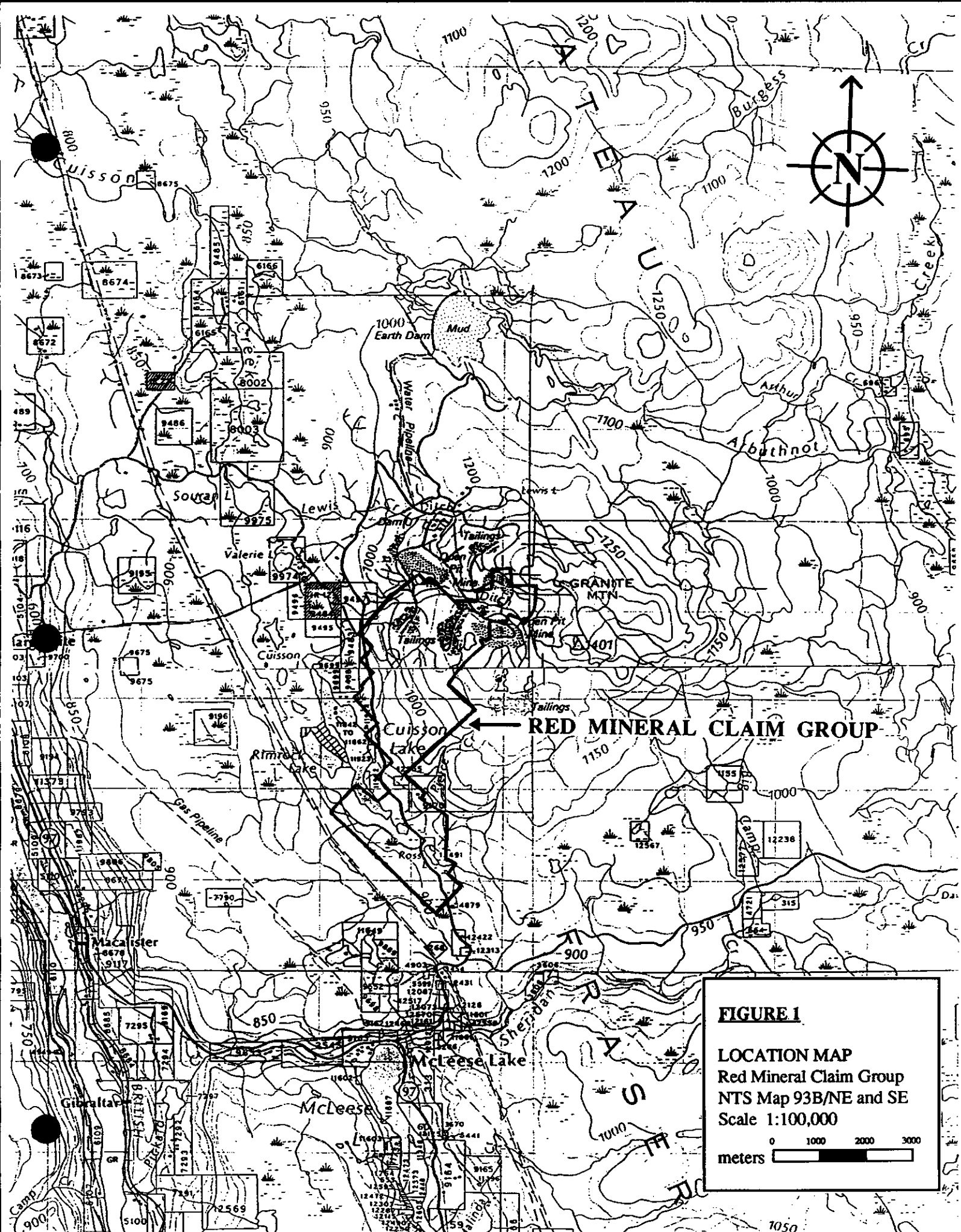


FIGURE 1

LOCATION MAP
Red Mineral Claim Group
NTS Map 93B/NE and SE
Scale 1:100,000

0 1000 2000 3000
meters

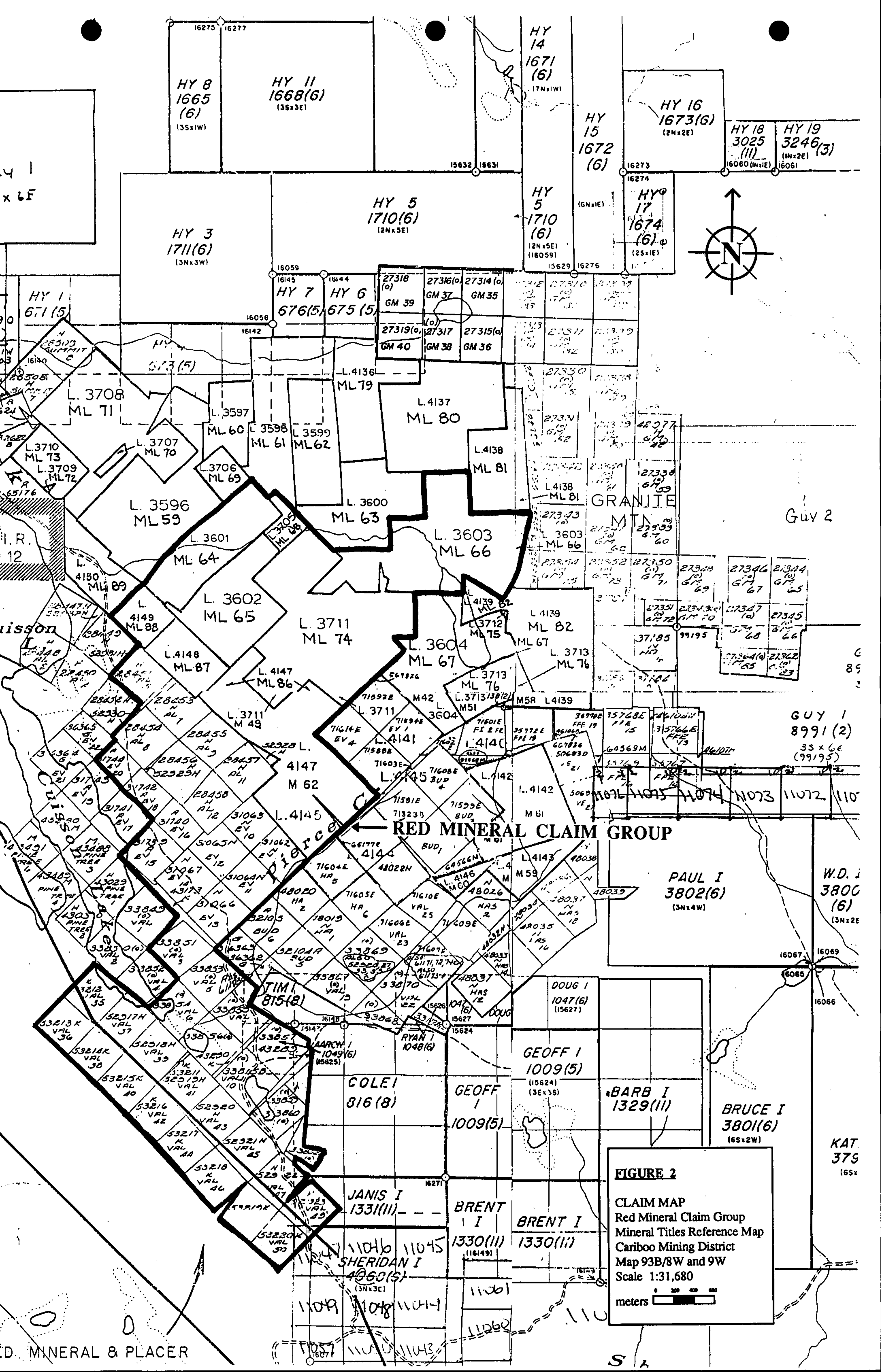
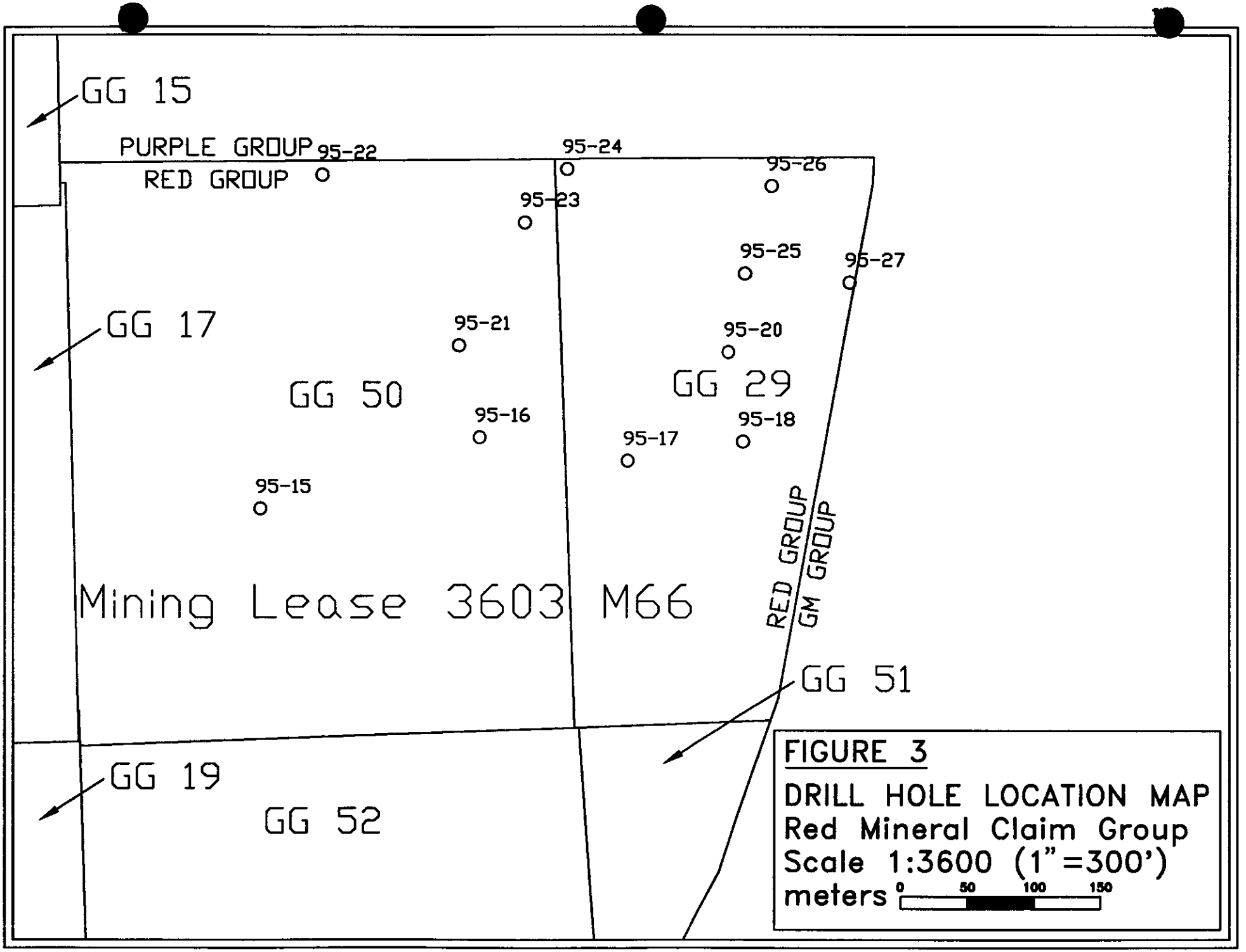

RED MINERAL CLAIM GROUP
HY 8 1665 (6) (3SxIW)
HY 11 1668(6) (3Sx3E)
HY 14 1671 (6) (7NxIW)
HY 15 1672 (6) (6NxIE)
HY 16 1673(6) (2Nx2E)
HY 18 3025 (11) (INxIE)
HY 19 3246 (3) (INx2E)
HY 3 1711(6) (3Nx3W)
HY 5 1710(6) (2Nx5E)
HY 5 1710 (6) (2Nx5E) (16059)
HY 17 1674 (6) (2SxIE)
HY 7 676(5)
HY 6 675 (5)
HY 1 671 (5)
L. 3708 ML 71
L. 3597 ML 60
L 3598 ML 61
L 3599 ML62
L.4136 ML79
L.4137 ML 80
L.4138 ML 81
L. 3707 ML 70
L.3710 ML 73
L.3709 ML72
L.3706 ML 69
L. 3596 ML59
L. 3600 ML 63
L. 3601 ML 64
L. 3603 ML 66
L. 3602 ML 65
L. 3711 ML 74
L. 3604 ML 67
L. 4150 ML 89
L. 4149 ML88
L.4148 ML 87
L. 4147 ML86
L. 3711 M 49
L. 4147 M 62
L.4145
L 4139 ML 82
L 3712 ML 75
L. 3713 ML 76
M58 L4139
L.4140
L.4142 M 61
L.4143 M 59
L. 4146 M60
GRANITE MTN
Guy 2
GUY 1 8991 (2) 3S x 6E (99195)
PAUL I 3802(6) (3Nx4W)
W.D. 1 3800 (6) (3Nx2E)
DOUG I 1047(6) (15627)
GEOFF I 1009(5) (15624) (3Ex3S)
GEOFF I 1009(5)
BARB I 1329(11)
BRUCE I 3801(6) (6Sx2W)
COLE I 816 (8)
TIM I 815(8)
AARON I 1049(6) (15625)
RYAN I 1048(6)
JANIS I 1331(11)
BRENT I 1330(11) (16149)
BRENT I 1330(11)
SHERIDAN I 4060(5) (3Nx3E)
Cuisson Lake
Pierce Cr
I.R. 12
MINERAL & PLACER

FIGURE 2

CLAIM MAP
Red Mineral Claim Group
Mineral Titles Reference Map
Cariboo Mining District
Map 93B/8W and 9W
Scale 1:31,680
meters 0 200 400 600


GG 15
PURPLE GROUP
RED GROUP
95-22
95-24
95-26
95-23
95-25
95-27
GG 17
95-21
95-20
GG 50
GG 29
95-16
95-18
95-17
95-15
RED GROUP
GM GROUP
Mining Lease 3603 M66
GG 51
GG 19
GG 52
FIGURE 3
DRILL HOLE LOCATION MAP
Red Mineral Claim Group
Scale 1:3600 (1"=300')
meters
0
50
100
150

APPENDIX A : STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS - Murray Rydman

I, Murray Rydman, of Gibraltar Mines Limited, McLeese Lake, British Columbia, do certify that:

- I am a geologist.
- I am a graduate of the University of Alberta, with a Bachelor of Science with Specialization in Geology, dated 1992.
- From 1992 to the present I have been engaged in mining and exploration geology in British Columbia.
- I personally participated in the field work and aided in the interpretation of the results.
- I personally logged the core of one of the diamond drill holes.

Murray Rydman

Murray Rydman, B.Sc.

APPENDIX B : DRILL LOGS

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG Hole No. 95-15 Page No. 1 of 9

LOCATION Pollyanna / GM Claims	BEARING —	LATITUDE (N) 48903.68	CORE SIZE NQ	LOGGED BY Dick Pearn	
DATE COLLARED May 26, 1995	LENGTH 500'	LONGITUDE (E) 54626.88	SCALE OF LOG 1"=10'	DATE June 1, 1995	
DATE COMPLETED May 27, 1995	DIP -90°	ELEVATION 4041.385	REMARKS		

ROCK TYPES and ALTERATION SYMBOLS

- CHLORITE DARKENED MINE PHASE TONALITE
- MINE PHASE TONALITE
- LEUCOCRATIC PHASE

MISCELLANEOUS SYMBOLS and ABBREVIATIONS

- badly broken rock
- fault gouge
- ↑ increase
- ↓ decrease
- ( ) minor amount
- (( )) very minor amount

altn = alteration	cp = chalcopyrite	mag = magnetite	qtz = quartz
az = azurite	cup = cuprite	mal = malachite	rx = rock
bo = bornite	diss = disseminated	MnO_2 = pyrolusite	saus = saussurite
brx = broken rock	ep = epidote	Mo = molybdenite	ser = sericite
bx = breccia	gg = gouge	mod = moderate	sph = sphalerite
carb = carbonate	gr = garnet	nat Cu = native copper	str = streng
cc = chalcocite	gyp = gypsum	ND = non directional	StWk = stockwork
chl = chlorite	hem = hematite	pied = piedmontite	tet = tetrahedrite
chry = chrysocolla	lim = limonite	py = pyrite	wk = weak

ROCK TYPES and ALTERATION	FOLIATION ANGLE & INTENSITY	GRAPHIC LOG Altn	Type	Footage	Structure	STRUCTURE (veins) ANGLE TO CORE AXIS	STRUCTURE (veins) WIDTH	MINERALIZATION Decreasing Order of Abundance	ESTIMATE % PYRITE	BOTTOM DEPTHS ZONE / ESTIMATE / ACTUAL	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERY	R.Q.D.	ASSAY RESULTS SAMPLE NUMBER	% TCu	% ASCu	% CNSCu	% ASFe	% MoS_2	oz/ton Ag	ESTIMATED TOTAL Cu GRADE (%)
										LEACH CAP —											
										LEACHABLE OX. 32' / 200'											
										LIM. ZONE 55' / 215'											
										SUPERGENE — / —											
										REMARKS											
										CASING TO 32'											
CHLORITE DARKENED MINE PHASE TONALITE: 32' to 500' The chlorite darkened Tonalite, up to 110' of this hole, has plag+chl+qtz as the main	ND			40		? / 30° / 90°	2' / ½" / ¼"	brx+gg w/ lim-MnO_2-fill; qtz(vuggy)-lim-chl; qtz(vuggy)-lim-chl-MnO_2	<.5	- some metavolcanic clasts from glacial till mixed with the debris at the top of the hole.	37	90	37	67551	.03	.02		1.66	<.001		<.05
assemblage like normally seen in Tonalites. But the chl in this Tonalite are not in small blebs and are instead thin, deformed stringers running at 0° to 20°. Numerous chl stringers in some section are approaching the Dark Chlorite Alteration Phase. Both the MnO_2+lim and chl are pervasive throughout the Tonalite. The core has a slightly vuggy or pitted appearance in this deformed zone.	ND to 0°/no° mod; ND to 0° mod			50		90° / ? / 10° / 10° / 10° / ? / 0°	¼" / 1½' / ⅛" / ¼" / ⅛" / 2' / ¼"	qtz(vuggy)-lim-chl; brx w/ lim-MnO_2; qtz-chl-lim; qtz-chl-MnO_2-lim; qtz-chl-lim; brx w/ lim-MnO_2; qtz(vuggy)-lim-MnO_2	<.5	- no evidence of any sulphides or copper oxides in this deformed zone.	42 / 47 / 57	100 / 95 / 97	43 / 47	67552 / 67553	.06 / .08	.04 / .06		2.02 / 2.16	.002 / .002		<.05 / <.05

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG

BOTTOM DEPTHS ZONE	ESTIMATE	ACTUAL
LEACH CAP		
LEACHABLE OX.		
LW. ZONE		
SUPERGENE		

ROCK TYPES and ALTERATION	FOLIATION ANGLE & INTENSITY	GRAPHIC LOG Footage	STRUCTURE (veins) ANGLE TO CORE AXIS	STRUCTURE (veins) WIDTH	MINERALIZATION	ESTIMATE % PYRITE	REMARKS	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERY	R.Q.D.	SAMPLE NUMBER	% TCu	% ASCu	% CNSCu	% ASFe	% MoS_2	oz/ton Ag	ESTIMATED TOTAL Cu GRADE (%)
	ND to 0°-20° str	70	20° 20° 40°	1/2" 1/4" 7"	qtz-lim-chl-MnO_2 qtz-chl-lim qtz(vuggy)-lim-chl	<.5	-str lim from 70' to 85' -trace relict cp blebs with rims of lim visible in this interval	67	91	47	67554	.16	.09		2.46	.004		<.05
	ND to 10° mod	80	 } ? 0° to 10°	3' 4' 1/8"x2	qtz-lim-chl-MnO_2 brx w/ lim-MnO_2 qtz-lim-chl-MnO_2	<.5		77	85	10	67555	.11	.08		1.85	.002		<.05
	ND to 40° str	90	70° 60° 90° 50°	1/2"x2 1/2"x3 1 1/2' 1/4"	qtz-lim-MnO_2-tet? qtz(vuggy)-lim-MnO_2 qtz-chl-MnO_2-lim qtz(vuggy)-MnO_2-lim	<.5	-dark grey mineral with metallic luster, perfect cleavage on one plane, and fairly hard (>5). This mineral may be tetrahedrite or a crystalline MnO_2 variety. This mineral has	87	96	40	67556	.06	.05		1.64	.002		.10
	ND to 70°-80° wk-mod	100	70° 0° } ?	1/2" 1/2" 2'	qtz(vuggy)-MnO_2-chl qtz(vuggy)-chl-MnO_2-lim brx w/ lim-MnO_2	<.5	similar characteristics to the mineral, in hole 94-42, that was sent out for ICP analysis.	97	94	23	67557	.07	.06		1.87	.002		<.05
	ND	110	40° ? 40° 80° to 90°	1/16"x4 7" 2" 1/8" to 1/2"x7	qtz-chl-lim-MnO_2 brx w/ lim-MnO_2-nat Cu ep-qtz-chl-MnO_2-(nat Cu) ep-qtz-chl-MnO_2	<5	-minor diss nat Cu visible in this interval	107	92	43	67558	.06	.05		1.15	.001		.15
	ND	120	50° to 70° 40° 40° 60°	1/8" to 1/2"x2 1/4" fractures 1/4"	ep-qtz-chl qtz-chl-lim chl-MnO_2-chry-lim qtz-MnO_2-chl	<.5		117	100	63	67559	.06	.05		1.34	.001		.14

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG

Hole No. 95-15

ROCK TYPES and ALTERATION	FOLIATION ANGLE & INTENSITY	GRAPHIC LOG Footage	STRUCTURE (veins) ANGLE TO CORE AXIS	STRUCTURE (veins) WIDTH	MINERALIZATION	ESTIMATE % PYRITE	BOTTOM DEPTHS / REMARKS	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERY	R.Q.D.	SAMPLE NUMBER	% TCu	% ASCu	% CNSCu	% ASFe	% MoS2	oz/ton Ag	ESTIMATED TOTAL Cu GRADE (%)
- fluctuating chl content in this interval	ND	130	[illegible] 40? [illegible] [illegible]	2" x 2 1/4" fracture 1/2"	cp-qtz-chl ep-qtz-chl-MnO2-lim qtz-MnO2-chry qtz-cp-lim-chry	<.5	- good mix of primary sulphides with exotic oxides, [illegible] - all of the cp and most of the TCu restricted to a single 1/2" vein at 128'	127	100	87	67560	.06	.04		.67	.001		.17
	[illegible]	140	90° [illegible] 40° [illegible]	1/4" fracture 1" fracture	qtz(vuggy)-MnO2-lim qtz-MnO2-chry qtz-ep-chl-MnO2 qtz-chl-MnO2-chry-lim	<.5	- between 135' and [illegible] is a 1/4" band of hem stained gouge running at [illegible]	137	100	53	67561	.04	.04		1.03	.001		.15
	ND	150	40° 0° [illegible] [illegible]	1/4" fracture 1/8" fracture	qtz-MnO2-chl-lim chl-MnO2-lim-(chry) qtz-ep-MnO2 chl-MnO2-chry	<.5		147	99	50	67562	.05	.04		1.14	.001		.14
	[illegible]	160	[illegible] 20°to[illegible] 30° ?	[illegible] x4 [illegible] x2 fracture 1'	qtz-chl-lim-MnO2-chry [illegible]-qtz-chl-MnO2 lim-MnO2-chl brx w/lim-hem-MnO2	< 5		157	97	37	67563	.06	.05		1.35	.001		.12
	ND to 40° mod	170	50° 45°to60° 20° 20°	1/4" 1/4" x2 fracture 3/4"	qtz-chl-lim-MnO2 ep-qtz-chl-MnO2 hem-chl-MnO2-(chry) ep-qtz-chl-(hem)	<.5		167 170	96 99	27	67564	.04	.03		1.09	.001		.10
↓	ND to 40° str	180	? 10° 40° 70°	2' 1/8" 1/8" 1/4"	brx w/ hem-lim-MnO2-chry qtz-chl-lim-MnO2-(chry) carb-qtz-MnO2 qtz-chl-lim-chry	<.5	- another 1/2" band of hem stained gouge running at 40°, between 175' and 176'.	177	96	30	67565	.09	.06		1.03	.001		.13

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GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG

ROCK TYPES and ALTERATION	FORMATION ANGLE & INTENSITY	Footage	STRUCTURE (veins) ANGLE TO CORE AXIS	STRUCTURE (veins) WIDTH	MINERALIZATION	ESTIMATE % PYRITE	REMARKS	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERY	R.Q.D.	SAMPLE NUMBER	% TCu	% ASCu	% ONSCu	% ASFe	% MoS_2	oz/ton Ag	ESTIMATED TOTAL Cu GRADE (%)
	-	190	10° [illegible] 20° [illegible] [illegible]	3" fracture 3" fracture 1/4"x3	qtz (vuggy)-chl-lim-chry-cp chl-lim-MnO_2-chry qtz-chl-chry-lim chl-cp-lim qtz-chl-carb-lim	<.5	-minor diss cp throughout the interval	187	97	50	67566	.13	.08		1.24	<.001		.15
	UL	200	40° 70° 40° 0°	1/8"x2 3" 1/4"x2 fracture	qtz-chl-py-lim-(cp) ep-qtz-chl qtz-chl-lim-(cp) lim-MnO_2-hem	<.5		197	99	63	67567	.03	.02		.95	<.001		.07
	ND	210	40° 10° 40° to 60° [illegible] 40°	1/8" 1/16"x2 1/4"x2 11" 1/8" to 1/4"x2	qtz-chl-py-(cp) qtz-chl-cp cp-qtz-chl brx+gg w/ hem qtz-chl-(cp)	<.5		207	95	67	67568	.13	.01		1.22	.002		.09
	ND	220	40° 30° 40° 40°	1/4"x2 fracture 1/2" hrln x2	qtz-chl-carb-hem lim-hem ep-qtz-chl qtz-chl-py-cp	<.5		217	100	63	67569	.09	.01		1.29	.002		[illegible]
	ND	230	60° to 90° 60° 50° 40° 70°	1 1/2" to 3"x2 1/4" 1/4" 1/8" to 1/2"x3 fracture	ep-qtz-chl gg-hem qtz-chl-((cp)) qtz-chl-(cp)-(Mo) carb-hem	<.5		227	100	57	67570	.10	.01		1.15	.007		.06
	ND	240	10° 20° 40° to 50° 40° 40°	1/2" 1/8" 1/2" to 2"x4 1/4" 1/4"	qtz-chl-(py)-(cp) carb-hem ep-qtz-chl qtz-chl-(cp) qtz-chl-py-cp	<.5		237	100	63	67571	.08	.01		1.20	.002		.07

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG

Hole No. 95-15 Page 5 of 9

ROCK TYPES and ALTERATION	FOLIATION ANGLE & INTENSITY	GRAPHIC LOG Footage	STRUCTURE (veins) ANGLE TO CORE AXIS	STRUCTURE (veins) WIDTH	MINERALIZATION	ESTIMATE % PYRITE	REMARKS	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERY	R.Q.D.	SAMPLE NUMBER	% TCu	% ASCu	% QNSCu	% ASFe	% MoS2	oz/ton Ag	ESTIMATED TOTAL Cu GRADE (%)
	[illegible]	250	40° 40° 50° ? 40°	1/2" to 1/2"x2 hrln x2 1/8" 1' 1/2" to 1/4"x3	ep-qtz-chl qtz-chl-(cp) qtz-chl-cp-mag brx w/ hem-carb ep-qtz-chl	< 5		247	100	57	67572	.07	<.01		1.18	.002		.05
	ND	260	40° 40° to 70° 50° ?	1 1/2" 1/8" to 1/2"x3 1/4" to 1/2"x2 10"	qtz-chl-mag-(py)-(cp) ep-qtz-chl ep-qtz-hem-chl brx w/ hem	<.5	- more mag and hem than py in this interval	257	96	53	67573	.07	<.01		1.70	.002		.03
	ND	270	50° 60° 40° ?	1/8" to 1/4"x3 3/4" 2" 3 1/2'	qtz-chl-(cp) ep-qtz-chl qtz-chl-mag-cp brx + (gg) w/ hem-carb	<.5	- fault zone from 266' to 290', with several sections of brx + hem and continuous gg (~1' actual length) from 277' to 280'	267	95	43	67574	.13	<.01		2.08	.006		.08?
	ND	280	?	10'	brx + gg w/ hem-carb-mag-(cp)	<.5		277	80	0	67575	.18	.01		2.29	.005		0.10?
	ND	290	?	10'	brx + gg w/ hem-carb-py-(cp)	0.6		287	45	0	67576	.12	<.01		2.54	.004		0.10?
	ND to 70 mod	300	40° to 70° 50° 30° 0°	hrln x2 hrln to 1/8"x3 fractures x2 1/8"	qtz-chl-py-(cp) qtz-chl-py-cp hem-carb-(cp) qtz-chl-py-(cp)	0.7	- cp well mixed within larger blebs of py, in this interval.	297	90	40	67577	.11	<.01		2.73	.003		.11

Bottom depths: Zone (Leach Cap, Leachable Ox., Lim. Zone, Supergene) — Estimate — Actual: blank

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG Hole No. 95-15 Page 6 of 9

ROCK TYPES and ALTERATION	FOLIATION ANGLE & INTENSITY	GRAPHIC LOG Footage	Structure	STRUCTURE (veins) ANGLE TO CORE AXIS	STRUCTURE (veins) WIDTH	MINERALIZATION	ESTIMATE % PYRITE	BOTTOM DEPTHS ZONE / ESTIMATE / ACTUAL: HIGH CAP; LEACHABLE CAP; UML ZONE; SUPERGENE; REMARKS	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERY	R.Q.D.	ASSAY RESULTS: SAMPLE NUMBER	% TCu	% ASCu	% CNSCu	% ASFe	% MoS_2	oz/ton Ag	ESTIMATED TOTAL Cu GRADE (%)
	ND	310		10° 0° to 30° 40° 20°	1/4" hrln x 4 1/4" 1/2"	gtz-py-(cp) gtz-chl-py-(cp) gtz-carb-chl-py-(cp) gtz-py-(cp)	3.0		307	91	37	67578	.15	<.01		6.40	.006		.14
	ND	320		10° 70° 40° 40°	1/2" 1/4" x 2 1/4" 1/2" to 1/4" x 3	gtz-py-chl-(cp) qtz-chl-hem gtz-chl-cp-py gtz-chl-py-cp	1.0		317	97	37	67579	.34	.01		2.61	.021		.15
	ND	330		? 30° 20° 40°	2' fracture 1/4" 1/4" x 3	brx-(gg) w/ hem-(py)-(cp) hem-carb gtz-py-chl gtz-py-cp-mag	1.5		327	94	33	67580	.18	<.01		3.02	.012		.00
	ND	340		0° 10° 40° 70° to 80°	1/2" 1" 1/4" hrln x 4	gtz-chl-py-(cp) gtz-chl-mag-py-cp gtz-chl-cp-Mo gtz-chl-cp-py	1.0	-large blebs of mag associated with py+cp	337	94	30	67581	.50	<.01		2.75	.021		.30
	ND to 60° mod	350		30° 40° 40° ?	1/2" hrln to 1/8" x 4 1/4" 2'	gtz-chl-py-(cp) gtz-chl-cp-py gtz-chl-py-(cp) brx+gg w/ carb-(cp)	0.8	-fault zone from 348' to 480', with several sections of brx + hem and gg mixed in.	347	95	23	67582	.39	<.01		3.14	.011		.18
	ND to 70° str	360		0° 40° 40° 30° ?	1/8" 1/4" hrln to 1/4" x 5 3" 3'	carb-chl gtz-chl-carb gtz-chl-py-cp gg w/ (py) brx+(gg) w/ (py)	0.6		357	90	43	67583	.83	<.01		3.28	.006		.12

GIBRALTAR MINES LIMITED (MeLEESE LAKE PROPERTY) DIAMOND DRILL LOG Hole No. 95-15 Page 7 of 9

ROCK TYPES and ALTERATION	FOLIATION ANGLE & INTENSITY	GRAPHIC LOG Vgts Alln Footage Structure	STRUCTURE (veins) ANGLE TO CORE AXIS	STRUCTURE (veins) WIDTH	MINERALIZATION	ESTIMATE % PYRITE	BOTTOM DEPTHS ZONE / ESTIMATE / ACTUAL: LEACH CAP; LEACHABLE OX.; LIM. ZONE; SUPERGENE	REMARKS	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERY	R.Q.D.	ASSAY RESULTS: SAMPLE NUMBER	% TCu	% ASCu	% CNSCu	% ASFe	% MoS_2	oz/ton Ag	ESTIMATED TOTAL Cu GRADE (%)
			40°	3⅜"	gtz-py-ser-chl-cp														
			?	3'	brx w/ ser-py-(cp)														
	UD		30°to45°	hrlnx⅛"x3	gtz-chl-cp	3.0			367	25	17	67584	.58	<.01		5.55	.066		.08
		370	50°	⅛"x3	gtz/vuggy-chl-cp														
			?	2'	gg w/ hem-carb														
	ND		30°	⅛"	gtz-chl-cp	0.6		- between 376' and 378' is an interval of soft, highly mottled core which resembles competant gg.	377	93	40	67585	.33	<.01		1.77	.021		.11
		380	40°	¼"	ep-gtz-chl-hem-carb														
			?	15'	brx+gg w/ hem-carb														
			40°	hrlnx2	gtz-chl-cp														
	ND		40°	¼" x2	gtz-chl-(cp)	<.5			387	93	53	67586	.37	<.01		1.73	.009		.08
		390	40°	¼"	gtz-chl-ser-cp														
			?	1'	brx w/ hem-carb														
			80°	⅛"	ep-gtz-chl														
	ND		30°to40°	¼"to½"x3	gtz-chl-cp	<.5			397	94	30	67587	.54	<.01		1.90	.113		.15
		400	?	15'	brx+gg w/ hem-carb														
			10°	⅛"	gtz-chl-(cp)														
			50°	⅛"	gtz-chl-carb-py-(cp)			- most of the cp, in this interval, can be seen in the well developed chl stringers.											
	ND to 70°str		40°	¾"	gtz-chl-carb	<.5			407	94	33	67588	.22	<.01		2.16	.010		.10
		410	30°	¼"	gtz-chl-cp														
- low chl Tonalite from 415' to 430' marks a rapid chl decrease from the chl darkened Tonalite			?	2'	brx+gg w/ carb-(cp)														
			70°	⅛"	gtz-carb-chl														
	ND to 70°str		40°to50°	fractures x3	hem-carb	<.5			417	85	13	67589	.16	.01		2.20	.007		.05?
		430	?	2'	gg w/ carb														

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG — Hole No. 95-15 Page 8 of 9

BOTTOM DEPTHS

ZONE	ESTIMATE	ACTUAL
LEACH CAP		
LEACHABLE OX.		
TRANS. ZONE		
SUPERGENE		

ROCK TYPES and ALTERATION	FOLIATION ANGLE & INTENSITY	GRAPHIC LOG Type & Alt.	Footage	Structure	STRUCTURE (veins) ANGLE TO CORE AXIS	STRUCTURE (veins) WIDTH	MINERALIZATION	ESTIMATE % PYRITE	REMARKS	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERY	R.Q.D.	ASSAY RESULTS: SAMPLE NUMBER	% TCu	% ASCu	% CNSCu	% ASFe	% MoS_2	oz/ton Ag	ESTIMATED TOTAL Cu GRADE (%)
- Leucocratic interval from 420' to 423'; composed mainly of gtz with minor plag + chl + Mo + cp	ND to 50° mod		430		70°	1/2"	gtz-chl-(cp)-(py)	<.5		427	95	47	67590	.11	<.01		1.25	.003		.05
					50°	1/4"	gtz-chl-py-(cp)													
					40°	1/2"	gtz-chl-Mo-(cp)													
	ND to 70° str		440		70°	1/2"	gtz-carb-chl	0.6		437	96	63	67591	.12	<.01		1.72	.002		.11
					70°	1/8"	gtz-chl-py-cp													
					?	1'	brx w/ (py)													
					40°	1/4"	gtz-chl-cp-py													
	ND to 80° wk		450		60°	1/4"	gtz-chl-(cp)	<.5		447	98	57	67592	.12	<.01		1.12	.004		.08
					70°	1/4" to 3/4" x 2	ep-gtz-chl													
					10°	fracture	hem-carb													
					70° to 90°	1/8" to 2" x 2	gtz-chl-(cp)													
					70°	1/8" x 4	gtz-chl-(cp)													
	ND		460		40°	brx to 1/8" x 2	gtz-cp-chl	<.5		457	99	43	67593	.27	<.01		1.60	.004		.18
					20°	1/4"	gtz-carb-chl-cp													
					70°	1/4" x 2	gtz-chl-cp													
					?	1'	brx + (gg) w/ (py)-(cp)													
	ND to 60°-80° mod		470		60°	1/4"	ep-gtz-chl	<.5		467	94	37	67594	.17	<.01		1.32	.006		.12
					60°	1/8"	gtz-(cp)													
					60°	1/4" to 1/8" x 2	gtz-chl-cp-py													
	ND to 60° wk		480		60°	1/8"	gtz-chl-(cp)-(py)	<.5	- possible fault zone from 473' to 498', with minor gg visible in the brx and mod hem in fractures.	474	96	23	67595	.23	<.01		1.27	.013		.05
					50°	1/8" to 1/2" x 2	gtz-chl-(cp)			477	94									
					?	3'	brx + (gg) w/ (py)-(cp)													

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG

ROCK TYPES and ALTERATION	FOLIATION ANGLE & INTENSITY	GRAPHIC LOG Footage	STRUCTURE (veins) ANGLE TO CORE AXIS	STRUCTURE (veins) WIDTH	MINERALIZATION	ESTIMATE % PYRITE	BOTTOM DEPTHS / REMARKS	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERY	R.Q.D.	SAMPLE NUMBER	% TCu	% ASCu	% CNSCu	% ASFe	% MoS_2	oz/ton Ag	ESTIMATED TOTAL Cu GRADE (%)
↓	ND to 60° wk	490	40° ? 40° to 50° ?	1/8" x 5 1 1/4' 1/8" to 3/4" x 2 1'	qtz-carb-chl brx + (gg) w/ (py) qtz-chl-(cp) brx w/ hem-carb	<.5		487	87	23	67596	.26	<.01		1.27	.006		.03
↓	ND	500	80° 50° to 80° ? 10°	1/2" 1/8" to 1/4" x 3 1 1/3' fracture	qtz-chl-(cp) qtz-chl-(py)-(cp) brx + (gg) w/ (py)-((cp)) chl-cp	<.5		497	91	30	67597	.22	<.01		1.25	.014		.08
								500	90									
					500' ✯ E.O.H. Dick Poom													

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GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG Hole No. 95-16 Page No. 1 of 6

LOCATION POLLYANNA / GM CLAIMS	BEARING —	LATITUDE (N) 49079.83	CORE SIZE NQ	LOGGED BY ANDREW STEWART	
DATE COLLARED May 27, 1995	LENGTH 357'	LONGITUDE (E) 55168.51	SCALE OF LOG 1" = 10'	DATE 29/05/95	
DATE COMPLETED May 28, 1995	DIP -90°	ELEVATION 4056.165	REMARKS		

ROCK TYPES and ALTERATION SYMBOLS

- MINE PHASE TONALITE
- CHLORITE DISPLACED MINE PHASE TONALITE
- QUARTZ SERICITE ALTERATION PHASE
- QUARTZ EPIDOTE ALTERATION PHASE

MISCELLANEOUS SYMBOLS and ABBREVIATIONS

- badly broken rock
- fault gouge
- ↑ increase
- ↓ decrease
- ( ) minor amount
- (( )) very minor amount

altn = alteration	cp = chalcopyrite	mag = magnetite	qtz = quartz
az = azurite	cup = cuprite	mal = malachite	rx = rock
bo = bornite	diss = disseminated	MnO_2 = pyrolusite	sqss = scaussurite
brx = broken rock	ep = epidote	Mo = molybdenite	ser = sericite
bx = breccia	gg = gouge	mod = moderate	sph = sphalerite
carb = carbonate	gr = garnet	nat Cu = native copper	str = strong
cc = chalcocite	gyp = gypsum	NB = non directional	StWk = stockwork
chl = chlorite	hem = hematite	pied = piedmontite	tet = tetrahedrite
chry = chrysocolla	lim = limonite	py = pyrite	wk = weak

ROCK TYPES and ALTERATION	FOLIATION ANGLE & INTENSITY	GRAPHIC LOG Rx Type	Alte	Footage	Structure	STRUCTURE (veins) ANGLE TO CORE AXIS	STRUCTURE (veins) WIDTH	MINERALIZATION	ESTIMATE % PYRITE	BOTTOM DEPTHS ZONE	ESTIMATE	ACTUAL	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERY	R.Q.D.	SAMPLE NUMBER	ASSAY RESULTS % TCu	% ASCu	% CNSCu	% ASFe	% MoS_2	oz/ton Ag	ESTIMATED TOTAL Cu GRADE (%)
								CASING TO 40'		LEACH CAP	—	—											
										LEACHABLE OX	—	—											
										UM. ZONE	—	—											
										SUPERGENE	—	—											
										REMARKS													
MINE PHASE TONALITE: (40-64) PLAG + QTZ + CHL SAUS ALT., HEM STAIN & WK FOL	60° WK			50		? ?	4' 3'	Brx Brx + GAUGE	<0.5				47	80	3	67441	.19	<.01		2.02	.001		0.03
	60° WK TO ND			60		60°x9	¼-1"	QTZ-PY-CPY-(MO)	<0.5	HEM STAIN ON FRAC 59.5-62			57	40	7	67442	.57	.01		2.72	.016		0.06
QUARTZ SERICITE ALTERATION PHASE: (64-80) QTZ + SER; ↓CHL & PLAG & PLAG PHENO'S THE ROCK IS GRAY IN COLOR	60° WK TO ND			70		90°x1 50°x7	⅛" ½cm-1"	QTZ - PY QTZ - CPY - PY - MO	<0.5				67	89	23	67443	.49	.01		1.86	.025		0.10
	ND			80		85°x1 50°x3 ? x1 45-20x4	2" 1/4" 1" 2"-1/16"	EPI-QTZ QTZ-CPY-PY-((MO)) EPI-QTZ QTZ-PY-((CPY))	<0.5				77	88	20	67444	.26	<.01		2.01	.007		0.04

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GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG

ROCK TYPES and ALTERATION	FOLIATION ANGLE & INTENSITY	Footage	STRUCTURE (veins) ANGLE TO CORE AXIS	STRUCTURE (veins) WIDTH	MINERALIZATION	ESTIMATE % PYRITE	REMARKS	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERY	R.Q.D.	SAMPLE NUMBER	% TCu	% ASCu	% CNSCu	% ASFe	% MoS2	oz/ton Ag	ESTIMATED TOTAL Cu GRADE (%)
MINE PHASE TONALITE (84 - 174) PLAG + QTZ ±CHL + ↓ BLOTCHY BRIGHT GRN EPI	ND ND	90	50-60°x2 60°x5 60°x1	2¼ - ¼" ¼ - 1/10" ¼"	QTZ-CPY-PY PY-QTZ-SER-((CPY)) GREEN/RED EPI-QTZ	<0.5		87	100	33	67445	.14	.01		1.77	.003		0.07
	ND	100	50°x3 50x5	HRLN 1/10" - 1"	PY-QTZ-CHL GREEN/RED EPI-QTZ	<0.5	HEM STAIN ON FRAC 95'	97	97	40	67446	.07	.01		2.38	.004		0.03
	ND	110	60°x8 55°x2 ?	¾" - 1/10" 1" - 2" ½"	QTZ-PY-(MO) QTZ-PY-MO-((CPY)) BRX-GAUGE	<0.5		107	99	3	67447	.34	<.01		2.74	.029		0.05
	ND	120	50°x5	¼"-HRLN	QTZ-PY	<0.5		117	97	57	67448	.13	<.01		2.28	.005		0.03
	ND	130	60°x1 60°x3	¼" 1/10 - 1/5"	QTZ-PY-CHL QTZ-PY-CHL-CPY	<0.5		127	100	50	67449	.20	<.01		2.18	.007		0.05
	WK 60°	140	60°x4 45°x1 50°x2	HRLN 1" ¼"	QTZ-CHL-PY QTZ-CHL-CARB QTZ-PY-CPY	<0.5	HEM STAIN 130-131.5	137	97	63	67450	.14	<.01		2.12	.006		0.06

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG Hole No. 95-16 Page 3 of 6

ROCK TYPES and ALTERATION	FORMATION / ANGLE / INTENSITY	GRAPHIC LOG: Rx Type / Alt / Footage / Structure	STRUCTURE (veins) ANGLE TO CORE AXIS	STRUCTURE (veins) WIDTH	MINERALIZATION	ESTIMATE % PYRITE	BOTTOM DEPTHS: ZONE / ESTIMATE / ACTUAL; REMARKS	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERY	R.Q.D.	SAMPLE NUMBER	ASSAY RESULTS: % TCu	% ASCu	% CNSCu	% ASFe	% MoS_2	oz/ton Ag	ESTIMATED TOTAL Cu GRADE (%)
	WK 60°	150	50-70×3 ? ×1 60°×2	1" - ½" 6" ¼"	QTZ-CPY-PY-MO BRX-GAUGE-HEM STAIN QTZ-CPY-PY-CHL	<0.5		147	99	43	67451	.36	<.01		2.28	.056		0.12
↑CHL IN M.F.T FROM 152-174	WK 60°	160	? ×7	3½" - ½"	QTZ-PY-CPY-MO	1.7	HEM STAIN ON FRAC 156°	157	100	67	67452	.50	.01		3.86	.077		0.10
↑ POSSIBLE FAULT ZONE 170 180 ↑	60° WK	170	65×3 55°×1	1½" - ½" ½"	QTZ-CPY-PY-(MO) PY-QTZ-CHL-(CPY)	<0.5	REDEPI VEIN (1") 168' (90°)	167	100	63	67453	.49	.01		2.39	.031		0.07
QUARTZ EPIDOTE ALTERATION PHASE (174-186) UNIT IS COMPOSED OF QTZ-EPI-SER TRACE MINERALS INCLUDE DISSEMINATED CPY-PY	60° WK TO ND	180	70×2 ? ?×1	½" - ½" 2' ½"	PY-CPY-QTZ BRX QTZ-CPY-PY	<0.5	HEM STAIN ON FRAC 174°	177	100	13	67454	.42	<.01		2.17	.018		0.08
CHLORITE DARKENED MAFIC PHASE TONALITE (186-197) UNIT IS COMPOSED OF QTZ-CHL-SER	ND 80° WK	190	55°×1 60°×2 ?	⅛" ½" 6"	QTZ-CHL-SER QTZ-CPY BRX	<0.5	HEM STAIN ON FRAC 188.5	187	100	20	67455	.23	<.01		1.08	.006		0.07
NO RAG MAFIC PHASE TONALITE (197-220) SAME AS PREV MET. ↑ FAULT ZONE 198-239 ↑	80° WK	200	? 50°×1	2" 6" 2"	GAUGE QTZ-PY-SER-CHL BRX	1.5		197	100	13	67456	.30	.01		3.25	.022		0.05

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG Hole No. 95-16

BOTTOM DEPTHS: ZONE	ESTIMATE	ACTUAL
LEACH CAP		
LEACHABLE OX.		
UM. ZONE		
SUPERGENE		

ROCK TYPES and ALTERATION	FOLIATION ANGLE & INTENSITY	Footage	STRUCTURE (veins) ANGLE TO CORE AXIS	STRUCTURE (veins) WIDTH	MINERALIZATION	ESTIMATE % PYRITE	REMARKS	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERY	R.Q.D.	SAMPLE NUMBER	% TCu	% ASCu	% CNSCu	% ASFe	% MoS2	oz/ton Ag	ESTIMATED TOTAL Cu GRADE (%)
	ND	210	? 45°x1 ? 55°x1 ? ?	4" ¼" 2" ¼" 1" 1"	GAUGE + BRX QTZ - ((PY)) BRX QTZ-CPY-CHL GAUGE + BRX GAUGE + BRX	<0.5	HEM STAIN 195.5-211	207	70	17	67457	.18	<.01		1.54	.008		0.03
	ND	220	40°x1 ? ?	¼" 4' 3'	QTZ-CARB BRX-GAUGE BRX	<0.5		217	85	0	67458	.11	<.01		1.36	.002		0.03
CHLORITE DARKENED MINE PHASE TONALITE (220-232) PLAG-CHL-QTZ NO PLAG PHENOS	WK 65	230	45° ? 30°x1	2" ½' 1"	QTZ-CHL-PY-((CPY)) BRX QTZ-PY	<0.5		227	75	3	67459	.07	<.01		2.20	.010		0.04
MINE PHASE TONALITE (232-357) PLAG-QTZ-CHL MOD SAUS SOME BLOTCHES OF GRN EPI	ND	240	? ?x2	4" 1"	GAUGE - BRX QTZ-CHL-(PY)	<0.5	↑HEM STAIN 232-239 ON FRAC	237	85	17	67460	.05	<.01		1.07	.001		0.03
CHL DARKENING 249-253	ND	250	45°x1 75°x1 40°x1	¼" ¾" ¼"	QTZ-PLAG EPI-QTZ QTZ-CARB	<0.5		247	100	57	67461	.02	<.01		.98	<.001		0.03
	WK. 60 TO ND	260	50°x1 80°x1		QTZ-CHL-CPY QTZ-CHL	<0.5		257	100	43	67462	.06	<.01		1.01	.002		0.04

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GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG Hole No. 95-16 Page 5 of 6

ROCK TYPES and ALTERATION	FOLIATION ANGLE & INTENSITY	GRAPHIC LOG Alt. Type Cu Footage Structure	STRUCTURE (veins) ANGLE TO CORE AXIS	STRUCTURE (veins) WIDTH	MINERALIZATION	ESTIMATE % PYRITE	BOTTOM DEPTHS ZONE / ESTIMATE / ACTUAL: LEACH CAP; LEACHABLE CR.; UML ZONE; SUPERGENE; REMARKS	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERY	R.Q.D.	SAMPLE NUMBER	ASSAY RESULTS: % TCu	% ASCu	% CNSCu	% ASFe	% MoS_2	oz/ton Ag	ESTIMATED TOTAL Cu GRADE (%)
CHL DARKENING 264-269.5	ND	270	70°x1 ?x1 Brx 70°x3	1/4" 1/4" 3' HRLN	QTZ-CHL-CPY QTZ-PY-CPY - ?Cu Brx QTZ-CHL-CPY - ?Cu	<0.5	HEM STAIN 260-260.5 Cu FROM DRILL. Cu FROM DRILL.	267	90	37	67463	.05	.01		1.60	.003		0.07
?FAULT ZONE 277-304	ND	280	75°x2 60°x3	1/2" 1/4-1"	QTZ-CHL-CPY QTZ-PY-CPY-SER	0.5	CARB IN CORE 278-279	277	99	33	67464	.20	.01		2.29	.004		0.07
CHL DARKENING 290-290	ND	290	30°x1 ? ? ?	3/4" 1' 1' 1'	QTZ-CHL (VUGGY) Brx GAUGE-Brx Brx	<0.5	HEM STAIN 280-282 PUG PHASE 287-300	287	95	17	67465	.03	<.01		1.21	.002		0.03
	ND	300	? 50°x1 ?x? ?	1/2' 1/8" 1/16"	Brx QTZ-CHL-SPI EPI-QTZ	<0.5		297	99	10	67466	.03	<.01		1.20	.001		0.03
	ND	310	? ?x2 35°x3 25°x1	3" ?=1" 1/8" 1/2"	Brx QTZ-CHL-PY-(SER) QTZ-CHL QTZ-MAG-CHL-CPY-PY	<0.5	HEM STAIN ON FRAC 300' & 303'	307	100	47	67467	.08	<.01		1.17	.004		0.05
	ND	320	35° 40° 40°x6 50° 40° 25°	1/10-1/2"	QTZ-CHL-PY-(CPY)	<0.5		317	100	43	67468	.05	<.01		.96	.002		0.05

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GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) **DIAMOND DRILL LOG** Hole No. 93-16 Page 6 of 6

ROCK TYPES and ALTERATION	FOLIATION ANGLE & INTENSITY	GRAPHIC LOG Tape Angle	Footage	Structure	STRUCTURE (veins) ANGLE TO CORE AXIS	STRUCTURE (veins) WIDTH	MINERALIZATION	ESTIMATE % PYRITE	BOTTOM DEPTHS ZONE / ESTIMATE / ACTUAL: LEACH CAP; LEACHABLE OX.; TRANS. ZONE; SUPERGENE	REMARKS	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERY	R.Q.D.	SAMPLE NUMBER	ASSAY RESULTS % TCu	% ASCu	% CNSCu	% ASFe	% MoS_2	oz/ton Ag	ESTIMATED TOTAL Cu GRADE (%)
	ND		330		20-70x10	1/16"-1/2"	QTZ-CHL-(CPY)	<0.5		HEM STAIN ON FRAC 238	327	100	27	67469	.04	<.01		1.20	.002		0.05
	ND		346		20-90x3	1/8"-1/2"	QTZ-CHL	<0.5			337	90	27	67476	.03	<.01		.84	.002		0.03
CHLORITE DARKENED MINE PHASE TONALITE ↓PLAG PHENO'S & ↑CHL BLOTCHY GREEN EPI PRESENT	ND		350		60'x4 35'x1	1/16"-1" 1/16"	QTZ-CHL QTZ-PY-CHL	<0.5			347	98	33	67471	.07	<.01		1.16	.004		0.03
	ND				40-70x2	1/2"	QTZ-CHL-(PY)	<0.5			357	99	40	67472	.03	<.01		1.08	.001		0.03
										E.O.H. 98											

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG Hole No. 95-17

LOCATION: POLLYANNA / GM CLAIMS	BEARING: —	LATITUDE (N): 49021.91	CORE SIZE: NQ
DATE COLLARED: May 28, 1995	LENGTH: 302'	LONGITUDE (E): 55535.22	LOGGED BY: ANDREW – STEWART
DATE COMPLETED: May 29, 1995	DIP: -90	ELEVATION: 4082.985	SCALE OF LOG: 1" = 10'
			DATE: 30/05/'72
			REMARKS:

ROCK TYPES and ALTERATION SYMBOLS

- MINE PHASE TONALITE
- LEUCOCRATIC PHASE
- CHLORITE DARKENED MINE PHASE TONALITE

MISCELLANEOUS SYMBOLS and ABBREVIATIONS

badly broken rock	altn = alteration	cp = chalcopyrite	mag = magnetite	qtz = quartz
fault gouge	az = azurite	cup = cuprite	mal = malachite	rx = rock
	bo = bornite	diss = disseminated	MnO_2 = pyrolusite	saus = saussurite
	brx = broken rock	ep = epidote	Mo = molybdenite	ser = sericite
	bx = breccia	gg = gouge	mod = moderate	sph = sphalerite
↑ increase	carb = carbonate	gr = garnet	nat Cu = native copper	str = strong
↓ decrease	cc = chalcocite	gyp = gypsum	ND = non directional	StWk = stockwork
( ) minor amount	chl = chlorite	hem = hematite	pied = piedmontite	tet = tetrahedrite
(( )) very minor amount	chry = chrysocolla	lim = limonite	py = pyrite	wk = weak

BOTTOM DEPTHS

ZONE	ESTIMATE	ACTUAL
LEACH CAP		—
LEACHABLE OX.		—
LIM. ZONE	49.5	—
SUPERGENE		—

ROCK TYPES and ALTERATION	FOLIATION ANGLE & INTENSITY	Footage	STRUCTURE (veins) ANGLE TO CORE AXIS	STRUCTURE (veins) WIDTH	MINERALIZATION	ESTIMATE % PYRITE	REMARKS	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERY	R.Q.D.	SAMPLE NUMBER	% TCu	% ASCu	% CNSCu	% ASFe	% MoS_2	oz/ton Ag	ESTIMATED TOTAL Cu GRADE (%)
MINE PHASE TONALITE (42-81) PLAG + QTZ + CHL SAUS ALT ↓EPI POSSIBLE FAULT ZONE 48-53	ND	50	45°x1 50°x1 50°x1	HRLN HRLN ¼"	QTZ-PY-(LIM) PY-QTZ-(LIM) QTZ-CHL-((PY))	<0.5	CASING TO 40' ↑HEM STAIN 42-69 NO OVERBURDEN FRAGMENTS LIM ON FRAC 42-49.5	47	70	17	67481	.14	.01		2.63	.002		0.05
	ND	60	30°x1 ? 30°x1	4' 1" ¼"	Brx (GOUGE AT 53') QTZ-(CHL) QTZ-CHL-CPY-PY	<0.5		57	95	17	67482	.13	<.01		2.70	.005		0.06
POSSIBLE FAULT ZONE 60-80'	ND	70	60°x1 45°x2 ?x2	¼" HRLN ¼"	QTZ-((CHL)) CHL-QTZ-PY-CPY QTZ-PY-(CHL)-(SER)	<0.5		67	45	7	67483	.31	<.01		2.04	.018		0.04
	ND	80	70°x2 ?x3	¼" 9' ⅛-1"	QTZ-SER-PY-CHL-(CPY) Brx QTZ-CHL-PY	<0.5		77	82	3	67484	.29	<.01		2.26	.007		0.06

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GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG Hole No. 95-17 Page 2 of 5

ROCK TYPES and ALTERATION	FOLIATION ANGLE & INTENSITY	GRAPHIC LOG Footage	STRUCTURE (veins) ANGLE TO CORE AXIS	STRUCTURE (veins) WIDTH	MINERALIZATION	ESTIMATE % PYRITE	BOTTOM DEPTHS (ZONE / ESTIMATE / ACTUAL) REMARKS	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERY	R.Q.D.	ASSAY RESULTS: SAMPLE NUMBER	% TCu	% ASCu	% CNSCu	% ASFe	% MoS2	oz/ton Ag	ESTIMATED TOTAL Cu GRADE (%)
LEUCOCRATIC PHASE (81-98) QTZ-SER-(CHL) LIGHT GRAY IN COLOR	ND	90	80°x1 60°x1 65°x1	1/8" 1/2" 1/4"	QTZ-((SER))-((CHL)) QTZ-SER-((PY))-((CPY)) QTZ-MO-(CPY)-((PY))	<0.5	DISSEMINATED MO PRESENT (81-90?) IN CORE.	87	97	13	67485	.20	<.01		.58	.016		0.07
MINK PHASE TONALITE/LEUCOCRATIC	ND	100	65°x3 ? 60°x2	ARLN-1/4" 1" 1/4"	QTZ-CPY-PY-MO BRX (HEM STAINED CORE) QTZ-MO-CPY-CHL	<0.5		97	100	30	67486	.17	<.01		.55	.005		0.07
PHASE (98-118)	WK 60°	110	80°x2 ? 60°x3 70°x1	1/4" 1" ARLN 1/2"	QTZ-CHL-SER BRX QTZ-CHL-((PY))-((CPY)) QTZ-CHL-MO-((PY))-((CPY))	<0.5		107	89	23	67487	.15	<.01		.84	.009		0.06
MINK PHASE TONALITE (118-302)	WK 60°	120	65°x2 60°x2 70°x3	1/4" 2-3" 1/16"	QTZ-MAG-PY QTZ-CHL-CPY-PY QTZ-((PY))	<0.5	HEM STAIN 114-124	117	96	37	67488	.11	<.01		.90	.001		0.05
PLAG+QTZ+CHL MFT PER IN BLOTCHY EPI (124-154)	ND	130	20-45°x9 45°x1	1/4-1" 1/16"	QTZ-CHL QTZ-PY	<0.5	SPECK OF CU FROM DRILL	127	95	43	67489	.04	<.01		1.06	.001		0.05
	ND WK	140	30-80°x5 45°	1/4-1" 1"	QTZ-CHL-CPY-PY QTZ-CHL	<0.5		137	99	37	67490	.13	<.01		1.01	.003		0.06

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG

ROCK TYPES and ALTERATION	FOLIATION ANGLE & INTENSITY	GRAPHIC LOG Footage	STRUCTURE (veins) ANGLE TO CORE AXIS	STRUCTURE (veins) WIDTH	MINERALIZATION	ESTIMATE % PYRITE	BOTTOM DEPTHS (ZONE / ESTIMATE / ACTUAL: LEACH CAP, LEACHABLE OX., LIM. ZONE, SUPERGENE) REMARKS	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERY	R.Q.D.	SAMPLE NUMBER	% TCu	% ASCu	% GNSCu	% ASFe	% MoS_2	oz/ton Ag	ESTIMATED TOTAL Cu GRADE (%)
	ND	150	45°x4 ?x1 50°x1	¼" 3" 1"	QTZ-CPY-CHL-PY EPI-QTZ-CPY-(?MO) QTZ-CHL-CPY-PY	<0.5	↑Cu FROM DRILLING	147	100	37	67491	.03	<.01		.77	.003		0.08
	ND	160	40°x1 60°x4	⅛" ¼"-1"	QTZ-PY-MO QTZ-CHL-((PY))	<0.5		157	100	63	67492	.02	<.01		.89	.002		0.05
	ND	170	20°x1 70°x1 40-80x4	HRLN ¼" ¼"	QTZ-PY-SER-CHL QTZ-CHL-((PY)) QTZ-PY-CHL-((CPY))	<0.5		167	100	53	67493	.03	<.01		1.20	.001		0.07
	ND	180	60°x2 50°x2 ? 30-70°x5	1"-¾" ¼" 1" ¼"-1/10"	QTZ-CHL-EPI-(CPY)-(PY) QTZ-CHL-PY BRX QTZ-CHL	<0.5		177	100	33	67494	.06	<.01		1.13	.002		0.07
	ND	190	30-90x3 45-30x3	¼" 3" ¾-¼"	QTZ-CHL-PY BRX-GAUGE QTZ-PY	<0.5		187	90	17	67495	.05	<.01		1.09	.003		0.06
	ND	200	30x3 30°x1 30-80°x4	1"-¼" ¼" HRLN	QTZ-CHL QTZ-CPY-PY QTZ-CHL-PY-CPY	<0.5	HEM STAIN ON FRAC (194-195.5) ↑Cu FROM DRILLING	197	98	27	67496	.03	<.01		1.16	.003		0.07

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG Hole No. 95-17 Page 4 of 5

ROCK TYPES and ALTERATION	FOLIATION ANGLE & INTENSITY	GRAPHIC LOG Alt. Type	Footage	Structure	STRUCTURE (veins) ANGLE TO CORE AXIS	STRUCTURE (veins) WIDTH	MINERALIZATION	ESTIMATED % PYRITE	BOTTOM DEPTHS ZONE / ESTIMATE / ACTUAL: LEACH CAP; LEACHABLE OX.; ABL ZONE; SUPERGENE	REMARKS	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERY	R.Q.D.	ASSAY RESULTS: SAMPLE NUMBER	% TCu	% ASCu	% CNSCu	% ASFe	% MoS_2	oz/ton Ag	ESTIMATED TOTAL Cu GRADE (%)
	ND		210		? 45°x3	1" ¼-½"	GAUGE QTZ-(PY)	<0.5		HEM STAIN 202-204	207	92	40	67497	.05	<.01		1.25	.002		0.05
	ND		220		60°x1 45°x2 30°x1	¼" ¼"-⅛" ¼"	CHL-QTZ-CPY QTZ-((PY))-((CPY)) QTZ-(CHL)	<0.5			217	95	43	67498	.03	<.01		1.03	.001		0.08
	ND		230		45°x1 30-80°x4	⅛" ¼-1"	QTZ-CHL (VUGGY) QTZ-CHL-((CPY))-((PY))	<0.5			227	100	67	67499	.01	<.01		.97	.002		0.07
	ND		240		80°x2 50°x2 ?-30°x2 25°x1	⅛-1" ¼-⅛" ⅛"	QTZ-CHL-((CPY)) QTZ-CHL-(PY)-((CPY)) QTZ-PY-CHL QTZ-CHL-((CPY))	<0.5			237	100	47	67500	.02	<.01		1.34	.001		0.10
	ND		250		10°x1 ?x1	⅛" 2"	QTZ-PY GAUGE	<0.5		HEMSTAIN 245-246	247	98	57	67501	.01	<.01		1.11	<.001		0.05
CHL DARKENING 255-256 ↓MAG PHENO 255-269	ND		260		60°x1 10-80°x3 80°x2	½" ⅛" ½"	QTZ-CHL QTZ-(CHL) QTZ-CHL-((PY))	<0.5		HEM STAIN 250-252	257	96	47	67502	.03	<.01		1.39	.002		0.06

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG

ROCK TYPES and ALTERATION	FOLIATION ANGLE & INTENSITY	GRAPHIC LOG Footage	STRUCTURE (veins) ANGLE TO CORE AXIS	STRUCTURE (veins) WIDTH	MINERALIZATION	ESTIMATE % PYRITE	BOTTOM DEPTHS / REMARKS	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERY	R.Q.D.	SAMPLE NUMBER	% TCu	% ASCu	% CNSCu	% ASFe	% MoS2	oz/ton Ag	ESTIMATED TOTAL Cu (%)
	ND	270	45°x6 ?x1	¼-1" 2"	QTZ-CHL-((CPY)) QTZ-EPI-CHL	<0.5	↓↓↓CU FROM DRILLING.	267	100	23	67503	.04	<.01		1.35	.001		0.07
	ND	280	45x3 65°x1	¼" ¼"	QTZ-CHL-CPY QTZ-CHL-((CPY))	<0.5		277	97	27	67504	.04	<.01		1.11	.001		0.08
↓ PLAG PHENO 285-288	ND	290	30-50°x5	⅙-1¼"	QTZ-CHL-((CPY))	<0.5		287	98	37	67505	.03	<.01		1.19	.002		0.07
	ND	300	40-80°x3	¼-1"	QTZ	<0.5		297	94	53	67506	.01	<.01		1.08	.001		0.05
		302			QTZ-(CHL)-((PY))	<0.5		302			↓							
							E.O.H											

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG

Hole No. 95-18 Page No. 1 of 6

LOCATION POLLYANNA / GM CLAIMS	BEARING —	LATITUDE (N) 49069.45	CORE SIZE NQ	LOGGED BY ANDREW STEWART	
DATE COLLARED May 29, 1995	LENGTH 357'	LONGITUDE (E) 55821.45	SCALE OF LOG 1"=10'	DATE 01/06/1995	
DATE COMPLETED May 30, 1995	DIP -90°	ELEVATION 4135.56	REMARKS		

ROCK TYPES and ALTERATION SYMBOLS

- MINE PHASE TONALITE
- QUARTZ EPIDOTE ALTERATION PHASE
- QUARTZ
- LEUCOCRATIC PHASE
- CHLORITE DARKENED MINE PHASE TONALITE

MISCELLANEOUS SYMBOLS and ABBREVIATIONS

badly broken rock; fault gouge; ↑ increase; ↓ decrease; ( ) minor amount; (( )) very minor amount

altn = alteration	cp = chalcopyrite	mag = magnetite	qtz = quartz	
az = azurite	cup = cuprite	mal = malachite	rx = rock	
bo = bornite	diss = disseminated	MnO_2 = pyrolusite	saus = saussurite	
brx = broken rock	ep = epidote	Mo = molybdenite	ser = sericite	
bx = breccia	gg = gouge	mod = moderate	sph = sphalerite	
carb = carbonate	gr = garnet	nat Cu = native copper	str = strong	
cc = chalcocite	gyp = gypsum	ND = non directional	StWk = stockwork	
chl = chlorite	hem = hematite	pied = piedmontite	tet = tetrahedrite	
chry = chrysocolla	lim = limonite	py = pyrite	wk = weak	

BOTTOM DEPTHS

ZONE	ESTIMATE	ACTUAL
LEACH CAP		—
LEACHABLE OX.		40'
MIN. ZONE		—
SUPERGENE		130'

CASING TO 20'

ROCK TYPES and ALTERATION	FOLIATION ANGLE & INTENSITY	Footage	STRUCTURE (veins) ANGLE TO CORE AXIS	STRUCTURE (veins) WIDTH	MINERALIZATION	ESTIMATE % PYRITE	REMARKS	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERY	R.Q.D.	SAMPLE NUMBER	% TCu	% ASCu	% CNSCu	% ASFe	% MoS_2	oz/ton Ag	ESTIMATED TOTAL Cu GRADE (%)
MINE PHASE TONALITE (20-151) PLAG-QTZ-CHL	ND	30	? 50°×3 ?	1' HRLN 1'	BRX - LIM STAIN ON FRAC LIM - SAUSCLAY BRX - LIM STAIN ON FRAC	<0.5	↑LIM STAIN ON FRAC 20-45	27	50	3	67511	.02	.02		1.63	.001		0.03
	ND	40	50-?×16 ?×1	1/10"-HRLN 2'	LIM-CHL-QTZ QTZ-LIM STAIN-(CHL)	<0.5	QUARTZ!	37	92	27	67512	.03	.02		2.17	.003		0.03
	ND	50	60°×12	1/2"-HRLN	LIM-CHL-QTZ-((PY))	<0.5		47	95	47	67513	.19	.06		2.89	.006		0.03
	ND	60	20-45°×2 45°×2 50°×2 20°×1	3/4-1/4" 1/10" HRLN 1/2"	CHL-QTZ-LIM QTZ-SER-PY LIM-PY CHL-PY-QTZ	<0.5		57	98	67	67514	.28	.06		2.91	.008		0.04

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GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG

BOTTOM DEPTHS	ZONE	ESTIMATE	ACTUAL	
	LEACH CAP			
	LEACHABLE OX.	84.5		
	LIM. ZONE			
	SUPERGENE	84.5 ...		

ROCK TYPES and ALTERATION	FOLIATION ANGLE & INTENSITY	GRAPHIC LOG Footage	STRUCTURE (veins) ANGLE TO CORE AXIS	STRUCTURE (veins) WIDTH	MINERALIZATION	ESTIMATE % PYRITE	REMARKS	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERY	R.Q.D.	SAMPLE NUMBER	% TCu	% ASCu	% CNSCu	% ASFe	% MoS₂	oz/ton Ag	ESTIMATED TOTAL Cu GRADE (%)
	ND	70	45°x3 ?x2 ? 70°x2	1/10 - 1/6" HRLN 1" 1/8"	PY-QTZ-SER-CHL-((CPY)) LIM-MAL BRX-LIM STAIN QTZ-CHL-LIM STAIN	<0.5	MALACHITE !!!	67	98	50	67515	.46	.09		2.61	.004		0.20
	ND	80	40°x2 70°x3 45-70°x3	1/4" 1/4"-1 1/2" 1/4"-1/2"	QTZ-CHL-PY-LIM-((MAL)) QTZ-CHL-LIM-PY-((MAL)) QTZ-CHL-PY	<0.5		77	96	73	67516	.27	.09		1.79	.004		0.21
	ND	90	50°x8 50°x2 25-50°x8	1/10" 1/4" HRLN-1/10"	QTZ-CHL-((CPY))-((PY)) QTZ-CUP-CPY-PY-MAL-CC?TET? CHL-PY-QTZ-LIM-((CPY))	<0.5	CUPRITE, MALACHITE, CHALCOPYRITE, CHALCOCITE? !!!	87	99	40	67517	.36	.07		1.90	.004		0.50
	ND	100	40-60°x11 60°x1	1/10"-1/6" 1/10"	CHL-QTZ-LIM-PY-((CPY)) BLACK SOOTY CC? MnO₂?-CHL-QTZ	<0.5		97	90	37	67518	.25	.09		2.72	.002		0.28
	ND	110	30-70°x2 45x4 80°x1 45x3	1/10-HRLN 1/10" 1/4" 1/10"	QTZ-CHL-LIM-PY CHL-QTZ-((CPY))-((PY)) QTZ-((CHL)) CHL-QTZ-LIM-((CPY))-((PY))	<0.5	NATIVE COPPER ON FRAC 109'!	107		30	67519	.25	.06		2.06	.004		0.40
	ND	120	45-60°x9 45°x1 45°x1	1/10 - 1" 1/6" 1"	CHL-QTZ-((CPY))-((PY)) QTZ-CPY-PY-CC-(CU) EPI-QTZ	<0.5		117	99	50	67520	.46	.04		2.04	.011		0.36

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GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG

ROCK TYPES and ALTERATION	FOLIATION ANGLE & INTENSITY	GRAPHIC LOG Footage	STRUCTURE (veins) ANGLE TO CORE AXIS	STRUCTURE (veins) WIDTH	MINERALIZATION	ESTIMATE % PYRITE	BOTTOM DEPTHS / REMARKS	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERY	R.Q.D.	SAMPLE NUMBER	% TCu	% ASCu	% CNSCu	% ASFe	% MoS2	oz/ton Ag	ESTIMATED TOTAL Cu GRADE (%)
POSSIBLE FAULT 127-140	ND	130	50°x2 30°x1 50°x2 45°x2	HRLN 1/10" 1/4-1/10" 1"-1 1/2"	CHL-QTZ-((CPY))-((PY)) CHL-QTZ-CUP-CU-LIM QTZ-CPY-PY-CC? QTZ-CC-CPY-SER	<0.5	NATIVE COPPER, CUPRITE!	127	98	20	67521	.64	.08		2.01	.013		0.80
	ND WK 70° ND	140	40°x1 30°x1 45°x1 ?x1	3/4" HRLN 1/4 3"	QTZ-PY-CPY-CHL CUP ON FRAC QTZ-tCPY-CHL BX-GOUGE	<0.5		137	70	13	67522	.61	.08		2.33	.031		0.32
	ND	150	60°x3 60°x1 50°x1 50°x2 50°x1 50x3	1/4-1/2" 1/10" 1/4" 1/10" 1/4" 1/5"-1/4"	QTZ-MAG-CPY-CHL-(PY) LIM-SPEC CLAY QTZ QTZ-CHL-(CPY)-((PY)) QTZ-CHL-((CPY))-((PY)) QTZ-CHL-((CPY))-((PY))	<0.5		147	97	43	67523	.45	.02		1.87	.009		0.30
CHLORITE DARKENED FINE PHASE TONALITE (151-180) CHL-QTZ ±SER NO PLAG PHENOS	WK 60	160	55°x1 60°x1 60°x2 70°x1 65°x1	1/4" 1/4" 1/4" 3/4" 1"	QTZ-PY-CPY PY-QTZ-SER QTZ-MAG-(PY)-((CPY)) QTZ-PY-MO QTZ-CHL-((PY))-((MO))	<0.5		157	98	40	67524	.51	.03		2.59	.020		0.30
↑SER 164-167 (MOD FOLIATION 60°)	WK 60°	170	60°x1 60°x2 55°x3	1/4" 1/4-1 1/4" 1/4"-1/2"	QTZ-CHL-((CPY))-((PY)) QTZ-CPY-((MO)) QTZ-CPY-CHL	<0.5	LIM STAIN 161' ON FRAC NATIVE CU ON FRAC 160.5	167	96	33	67525	.60	.05		1.84	.020		0.40
↑SER 171-173 (MOD FOLIATION 60°)	WK 60°	180	50°x2 65°x2 60°x1 70°x1 55°x2	HRLN 1/2"-1/5" 1/2" 1/10"	CHL-CPY-QTZ QTZ-CHL-PY CHL-QTZ-MAG-PY-(CPY) QTZ-CPY-STEELGRAY STAIN ON CPY QTZ-CPY-CHL	<0.5		177	98	37	67526	.21	.01		1.39	.003		0.25

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG

ROCK TYPES and ALTERATION	FOLIATION ANGLE & INTENSITY	GRAPHIC LOG Footage	STRUCTURE (veins) ANGLE TO CORE AXIS	STRUCTURE (veins) WIDTH	MINERALIZATION	ESTIMATE % PYRITE	BOTTOM DEPTHS / REMARKS	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERY	R.Q.D.	SAMPLE NUMBER	% TCu	% ASCu	% CNSCu	% ASFe	% MoS2	oz/ton Ag	ESTIMATED TOTAL Cu GRADE (%)
QTZ-EPI ALT PHASE 193-198 MINE PHASE TONALITE (188-357)	WK 60° ND	190	45°x1 90-15°x5 ?x2 70°x1 60°x1	HRLN 1/4"-1/8" 1" 1/4" 1/4"	HEM STAIN ON FRAC QTZ-CHL-CPY-((PY)) (QTZ-EPI-CHL-(CPY) QTZ-MO-CHL-CPY-PY QTZ-CHL-((CPY))	<0.5		187	97	47	67527	.41	.01		.92	.016		0.30
PLAG+QTZ+CHL QTZ EPI ALT PHASE 197-198	ND	200	?x1 55°x1 40°x1 40°x4	2" 1/4" 1/4" 1/16"-1/4"	QTZ-EPI QTZ-CHL-MAG-PY-CPY QTZ-CHL QTZ-CHL-CPY-([illegible])	<0.5		197	100	57	67528	.29	.01		1.06	.002		0.25
	ND	210	70°x2 45°x3 65°x1	1/4" 1/4-1/2" 1/4"	QTZ-CHL-(CPY) QTZ-EPI-CHL-PY QTZ-CHL	<0.5	↓ HEM STAIN 205-206.5	207	100	57	67529	.27	.01		1.29	.001		0.18
↓ PLAG PHENO 216-262 FAULT ZONE (216-225)	ND	220	50°x1 70°x4 60°x1	1/2" 1/16"-HRLN 2"	QTZ-CHL-((CPY)) QTZ-CHL-((PY))-((CPY)) QTZ-CHL	<0.5	HIGH STRAIN 215-228	217	88	23	67530	.14	<.01		1.12	.002		0.10
	ND	230	? 70°x2 40°x2	9" 1/2-2" 1/16-1/4"	BRX-GOUGE QTZ-(CPY)-(CHL) QTZ-(CHL)	<0.5		227	80	33	67531	.03	<.01		1.03	<.001		0.10
	ND	240	45°x2 30°x1 45-70°x4 60°x1 60°x1	1/10" 1/5" 1/6" HRLN 1/6"	QTZ-((CPY))-((PY)) QTZ-CHL-PY QTZ-CHL-((PY)) CHL-QTZ-MO QTZ-CHL	<0.5	↓ CA FROM DRILLING 234'	237	98	40	67532	.05	<.01		1.03	.013		0.15

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG

ROCK TYPES and ALTERATION	FOLIATION ANGLE & INTENSITY	GRAPHIC LOG Footage	STRUCTURE (veins) ANGLE TO CORE AXIS	STRUCTURE (veins) WIDTH	MINERALIZATION	ESTIMATE % PYRITE	BOTTOM DEPTHS / REMARKS	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERY	R.Q.D.	SAMPLE NUMBER	% TCu	% ASCu	% CNSCu	% ASFe	% MoS$_2$	oz/ton Ag	ESTIMATED TOTAL Cu GRADE (%)
	ND	250	45°x2 50°x1 40°x4 60°x1 35°x1 25°x1	1/8" 1/2" 1/6" 1" 2" 1/4"	QTZ-CHL-CPY-PY QTZ-((PY)) QTZ-CHL-PY-(CPY) QTZ-CHL-PY (VUGGY) QTZ-EPI-CHL-SER-((PY)) QTZ-ATZ[?]-CHL (VUGGY)	<0.5		247	100	40	67533	.06	<.01		1.10	<.001		0.10
	ND	260	45°x1 55°x1 45°x1 ?°x1 60°x2 45°x1	1/10" 1 1/4" 1/6" 1" 2"-1/4"	CHL-QTZ-((CPY))-((PY)) QTZ-PY-((CHL)) QTZ-(CHL) QTZ-EPI QTZ-SER-(CHL)-((CPY)) QTZ-SER-(CHL)-((MO))	<0.5		257	99	50	67534	.03	<.01		.92	.001		0.10
	ND	270	45°x1 45°x1 30°x2	7" 4" 1/10"	QTZ-EPI-(CPY)-(PY) QTZ-CHL-PY QTZ-CHL-PY-((CPY))	<0.5		267	100	70	67535	.05	<.01		1.04	<.001		0.06
	ND	280	30-50°x3 40°x2	HRLN 1/4-1/10"	QTZ-CHL-PY-((CPY)) QTZ-CHL-EPI-(PY)	<0.5		277	97	60	67536	.04	<.01		.92	<.001		0.06
PLAG PHENO 284-317 CHLORITE DARKENING 284-292	ND	290	50°x1 45°x1 20°x1	1 1/2" 3/4" 1"	QTZ-EPI-((PY)) QTZ-((PY)) QTZ-(CHL)-((PY))	<0.5		287	98	73	67537	.05	<.01		.87	<.001		0.08
HEM STAIN ON FRAC. 292-295	ND	300	40°x3 50°x1	1/4-1/8" 1/8"	QTZ-CHL-PY QTZ-EPI	<0.5		297	98	67	67538	.06	<.01		.82	<.001		0.08

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG

ROCK TYPES and ALTERATION	FOLIATION ANGLE & INTENSITY	GRAPHIC LOG Footage	STRUCTURE (veins) ANGLE TO CORE AXIS	STRUCTURE (veins) WIDTH	MINERALIZATION	ESTIMATE % PYRITE	BOTTOM DEPTHS / REMARKS	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERY	R.Q.D.	SAMPLE NUMBER	% TCu	% ASCu	% CNSCu	% ASFe	% MoS2	oz/ton Ag	ESTIMATED TOTAL Cu GRADE (%)
LEUCOCRATIC ALTERATION PHASE 315-316 QUARTZ EPIDOTE ALTERATION PHASE 316-317	ND	310	30°x2 45°x1 50°x1	HRLN ½" 1"	SER-QTZ-PY QTZ-PY-CPY-MO-CHL QTZ-PY-MO	0.5		307	100	47	67539	.07	<.01		1.04	.003		0.15
	ND	320	90°x2 20°x2 40°x1	¼" HRLN ½"	QTZ-CHL-(PY) QTZ-PY-CHL QTZ-CHL-PY	<0.5		317	96	43	67540	.05	<.01		1.19	.001		0.10
	ND	330	10-50°x2 70°x1 20-45°x2	HRLN-¼" 1" ¼"-HRLN	QTZ-CHL-(PY) QTZ-CHL-(PY) QTZ-CHL-(PY)	<0.5		327	98	30	67541	.03	<.01		.94	.002		0.13
	ND TO ?	340	55-65°x2 45°x2 50°x1 45°x2	¼"-¾" 1"-6" 2¼" 1/16-⅛"	QTZ-CARB-CHL QTZ-CHL-CPY-PY QTZ-CHL QTZ-CHL-CPY-PY	<0.5	4CPY	337	100	47	67542	.15	<.01		1.34	.004		0.38
	ND	350	45°x1 45°x1 40°x6	½" ⅛" HRLN-⅛"	QTZ-EPI-CHL-(CPY)-(PY) QTZ-CHL-MAG-(PY) QTZ-CHL-PY-CPY	<0.5		347	97	53	67543	.06	<.01		1.08	.001		0.12
	ND	357	30-40°x8 25°x1 45°x1	1/16"-HRLN 1/16" ⅛"	QTZ-CHL-SER-PY-CPY QTZ-PY-SER QTZ-CHL-(CPY)-(PY)	<0.5		357	98	43	67544	.15	<.01		.93	.001		0.16
							E.O.H.											

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GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG Hole No. 95-20 Page No. 1 of 5

LOCATION Pollyanna / G.M. Claims	BEARING —	LATITUDE (N) 49290.26	CORE SIZE NQ	LOGGED BY Dick Penn	
DATE COLLARED May 31, 1995	LENGTH 307'	LONGITUDE (E) 55784.13	SCALE OF LOG 1" = 10'	DATE June 9, 1995	
DATE COMPLETED June 1, 1995	DIP -90°	ELEVATION 4150.61	REMARKS mineralogically this hole is reminiscent of 95-18		

ROCK TYPES and ALTERATION SYMBOLS

- MINE PHASE TONALITE
- CHLORITE DARKENED MINE PHASE TONALITE
- DARK CHLORITE ALTERATION PHASE

MISCELLANEOUS SYMBOLS and ABBREVIATIONS

badly broken rock; fault gouge; ↑ increase; ↓ decrease; ( ) minor amount; (( )) very minor amount

altn = alteration; az = azurite; bo = bornite; brx = broken rock; bx = breccia; carb = carbonate; cc = chalcocite; chl = chlorite; chry = chrysocolla

cp = chalcopyrite; cup = cuprite; diss = disseminated; ep = epidote; gg = gouge; gr = garnet; gyp = gypsum; hem = hematite; lim = limonite

mag = magnetite; mal = malachite; MnO_2 = pyrolusite; Mo = molybdenite; mod = moderate; nat Cu = native copper; ND = non directional; pied = piedmontite; py = pyrite

qtz = quartz; rx = rock; saus = saussurite; ser = sericite; sph = sphalerite; str = strong; StWk = stockwork; tet = tetrahedrite; wk = weak

BOTTOM DEPTHS

ZONE	ESTIMATE	ACTUAL
LEACH CAP	—	—
LEACHABLE OX.	230'	120'
LIM. ZONE	275'	275'
SUPERGENE	270'	270'

ROCK TYPES and ALTERATION	FOLIATION ANGLE & INTENSITY	GRAPHIC LOG Footage	STRUCTURE (veins) ANGLE TO CORE AXIS	STRUCTURE (veins) WIDTH	MINERALIZATION Decreasing Order of Abundance →	ESTIMATE % PYRITE	REMARKS	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERY	R.Q.D.	SAMPLE NUMBER	% TCu	% ASCu	% CNSCu	% ASFe	% MoS_2	oz/ton Ag	ESTIMATED TOTAL Cu GRADE (%)
					* no casing block was given for this hole		From time report: casing to 12' assuming casing reset to 44'											
							CASING TO 44'											
MINE PHASE TONALITE (44' to 301') The Tonalite in this hole has a "normal" appearance, with respect to its mineral assemblage	ND	50	40° ?	1/8" x 2 1'	ep-qtz-chl-lim brx w/ lim-MnO_2	<.5		47	95	33	67691	.03	.02		1.39	.002		.057
of plag + qtz + chl. The Tonalite up to 100' has been strongly lim altered and wk to mod lim altn up to 230'. The lim altn is strongest in the broken and gouge-rich section of the core.	ND	60	40° 40 30° to 40° 40°	hrln x 4 4" hrln to 1/4" x 5 1/2"	qtz-chl-lim qtz-plag-lim-((chl)) porphyry qtz-chl-lim qtz-chl-lim	<.5		57	94	50	67692	.04	.03		1.52	.001		.05
↓	ND	70	40° 40° 40°	1/8" to 1/4" x 4 1/4" to 1/2" x 2 2"	qtz-chl-lim-MnO_2 qtz (vuggy)-chl-lim qtz-chl-lim	<.5	- no evidence of any sulphides or Cu oxides	67	95	43	67693	.05	.04		1.26	.002		.057

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GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) **DIAMOND DRILL LOG** Hole No. 95-20 Page 2 of 5

ROCK TYPES and ALTERATION	FOLIATION ANGLE to CA / INTENSITY	GRAPHIC LOG Alt'n Type / Footage / Structure	STRUCTURE (veins) ANGLE TO CORE AXIS	STRUCTURE (veins) WIDTH	MINERALIZATION	ESTIMATED % PYRITE	BOTTOM DEPTHS ZONE / ESTIMATE / ACTUAL: LEACH CAP; LEACHABLE OX.; UM. ZONE; SUPERGENE. REMARKS	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERY	R.Q.D.	ASSAY RESULTS: SAMPLE NUMBER	% TCu	% ASCu	% CNSCu	% ASFe	% MoS_2	oz/ton Ag	ESTIMATED TOTAL Cu GRADE (%)
nearly complete lim altn between 79' to 80', with relict fragments of Tonalite and solid sections of lim.	ND	20	20° ? ?	¼" 2' 1'	gtz-lm-(chl) brx + gg w/ lim-(MnO_2) brw w/ lim	<.5	- possible fault zone from 75' to 102', with abundant brx and gg but no evidence of any hem	77	90	20	67694	.15	.09		2.70	.005		.10?
	ND	90	0° ? 50°	1/16" x2 5 ½' ¼"	gtz-chl-lim brx + gg w/ lim-MnO_2 gtz-chl-lim	< 5		87	75	20	67695	.05	.05		1.68	.002		.10?
	ND	100	40° ? 30°to40°	¾" 2' ⅛" to ¼"	gtz-chl-lim brx + gg w/ lim-MnO_2 gtz(vuggy)-chl-lim-MnO_2	<.5		97	65	17	67696	.05	.05		2.12	.002		.10?
	ND	110	? 40° 40° 40°	2½' brln x3 brln x5 brln to ⅜" x3	gg+brx w/ lim-MnO_2 gtz-chl-lim gtz-lim-chl-cp-mal gtz-chl-lim-(mal)-(cp)	<.5	- trace to minor quantities of mal + cp visible together, in this interval.	107	90	40	67697	.09	.07		1.43	.002		.10
	ND	120	40° 40° 40° 40° 40°	⅛" x3 ¼" ½" ¼" x2 ½"	gtz-chl-lim-cp gtz-chl-lim-cp-py gtz-chl-lim-(mal)-(cp) gtz-chl-lim-py-mal gtz-chl-cp-lim-mal	<.5	- light hem staining from 110' to 115'.	117	95	63	67698	.14	.07		1.38	.004		.24
	ND	130	30° 10° 40° 40°	⅛" fracture ¼" x2 ⅜" x2	gtz-chl-lim-(py)-(cp)-(cc)? chl-mal-lim gtz-chl-(py)-(cp) gtz-chl-lim-mal-cp	<.5	- between 121' and 122' there are pervasive jade green blebs of mal.	127	100	73	67699	.27	.10		1.39	.004		.34

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG Hole No. 95-20 Page 3 of 5

ROCK TYPES and ALTERATION	FOLIATION ANGLE & INTENSITY	GRAPHIC LOG Footage	STRUCTURE (veins) ANGLE TO CORE AXIS	STRUCTURE (veins) WIDTH	MINERALIZATION	ESTIMATED % PYRITE	BOTTOM DEPTHS / REMARKS	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERY	R.Q.D.	SAMPLE NUMBER	% TCu	% ASCu	% CNSCu	% ASFe	% MoS$_2$	oz/ton Ag	ESTIMATED TOTAL Cu GRADE (%)
	ND	140	40° 40° 40° 40°	3" 1/8" to 1/4" x3 1" 1/8"	qtz-chl-lim-(mal)-(cp) qtz-chl-lim-mal-py-cc qtz-chl-cp-(Mo)-(mal) qtz-chl-mal-lim-hem	<.5	-the interval from 130' to 280' displays a wel developed oxy-Supergene zone	137	98	77	67700	.34	.13		1.40	.014		.47
	ND	150	0° to 10° 40° to 50° 10° to 20° 30°	hrln to 1/8" x4 1/8" to 1/4" x4 1/2" x2 1/2" to 1" x2	qtz-chl-cp-mal-py-cc qtz-chl-mal-cp-cc qtz-lim-chl-mal-cp-py-cc qtz-chl-cp-cc	<.5		147	100	67	67701	.81	.18		1.66	.021		.78
	ND	160	40° 40° 40° 0°	1/8" x3 hrln to 1/8" x3 1/4" x2 1/4"	qtz-chl-lim-cp-mal-cc qtz-chl-lim-mal-cp-cc qtz-chl-(py)-(cp) qtz-py-cc-lim	1.0	-minor cup visible on a few fractures	157	100	43	67702	.46	.10		2.12	.014		.68
	ND	170	40° 20° to 30° 20° 20°	1/8" to 1/2" 1/4" x4 hrln x4 1/2"	qtz-chl-mal-lim-(cp)-(cc) qtz-chl-mal-cp-cc qtz-chl-cp-cc qtz-chl-cp-cc-(cup)	<.5		167	100	77	67703	.42	.04		1.22	.010		.48
	ND	180	40° 0° 20° to 30° 30° 30°	1/8" to 1/4" x5 fractures hrln x2 1/4" 1/2"	qtz-chl-cp-py-cc chl-cup-lim-nat Cu qtz-chl-cp-cup qtz(vuggy)-chl-cp-cc qtz-chl-cp-(cc)	<.5	- cup is visibly more prevalent in this interval, relative to the previous intervals, with cup common in the fractures & veins. There is also minor quantities of native Cu visible.	177	100	63	67704	.43	.04		.95	.018		.56
	ND	190	10° 30° 40° 40° ?	2" 1/8" 1/8" 1/8" 1"	qtz-chl-lim-py-mal-cup-cc-cp mal-qtz-chl qtz-chl-lim-mal-cp-py-(cc) qtz-chl-mal-lim-cp-cc brx w/ lim-MnO_2	1.0		187	98	60	67705	.27	.14		1.49	.002		.40

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GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG

Hole No. 95-20 Page 4 of 5

BOTTOM DEPTHS		
ZONE	ESTIMATE	ACTUAL
LEACH CAP		
LEACHABLE OX.		
UN. ZONE		
SUPERGENE		

ROCK TYPES and ALTERATION	FOLIATION ANGLE & INTENSITY	GRAPHIC LOG Footage	STRUCTURE (veins) ANGLE TO CORE AXIS	STRUCTURE (veins) WIDTH	MINERALIZATION	ESTIMATE % PYRITE	REMARKS	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERY	R.Q.D.	SAMPLE NUMBER	% TCu	% ASCu	% CHSCu	% ASFe	% MoS$_2$	oz/ton Ag	ESTIMATED TOTAL Cu GRADE (%)
	ND	200	30° 30° 40°	hrln x2 hrln x2 ½"	qtz-chl-mal-cp-cc qtz-chl-(py)-(mal) qtz-chl-lim-(cp)	<.5		197	97	60	67706	.18	.04		1.00	.004		.12
	ND	210	40° 80° 40° 00° 30° to 40°	hrln x3 fracture hrln to ¼" x4 fracture hrln x 3	qtz chl-cp-py-mo cup-chl-lim qtz-chl-cp-py-(cc) lim-chl-(mal) qtz-chl-cp-(py)-(cc)	<.5		207	98	80	67707	.26	.02		.88	.011		.18
	ND	220	40° 20° 40° 40°	hrln x3 fracture ⅛" to ¼" x4 ½"	qtz-chl-cp chl-lim-cup qtz-chl-cp-py-(cc) qtz-py-chl-cc-(cp)	<.5		217	100	73	67708	.20	.01		1.18	.004		.27
	ND to 40° str	230	40° 30° to 40° 30° to 40°	½" ⅛" to ¼" x4 hrln to ⅛" x2	qtz-lim-cup-mal qtz-chl-cp-cc qtz-chl-cp-cc	<.5	- noticeable increase of cup + mal blebs in the chl darkened tonalite section of this interval.	227	97	43	67709	.39	.11		.97	.012		.30
	UD	240	40° 40° 40° 40°	⅛" hrln x2 ⅛" ⅛" to 1" x3	qtz-chl-(cp)-(cc) qtz-chl-(cp) qtz-chl-cp-(py) ep-qtz-chl	<.5		237	100	70	67710	.12	.01		.81	.003		.06
	ND	250	30° 40° 30° 40°	⅛" 1" ¼" 1"	qtz-chl-py-cp ep-qtz-chl qtz-py-chl-(cp) ep-qtz-chl-(lim)	0.6		247	100	77	67711	.06	<.01		.82	.001		.03

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG

ROCK TYPES and ALTERATION	FOLIATION ANGLE & INTENSITY	GRAPHIC LOG Footage	STRUCTURE (veins) ANGLE TO CORE AXIS	STRUCTURE (veins) WIDTH	MINERALIZATION	ESTIMATE % PYRITE	BOTTOM DEPTHS / REMARKS	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERY	R.Q.D.	SAMPLE NUMBER	% TCu	% ASCu	% CNSCu	% ASFe	% MoS2	oz/ton Ag	ESTIMATED TOTAL Cu GRADE (%)
- low chl Tonalite from 253' to 257'	ND	260	30° to 50° 40° 10° ?	hrln x 3 1/4" 1/8" 1'	qtz-chl-cp ep-qtz-chl qtz-py-(cp) brx w/ py-lim-cc?-(cp)	<.5		257	98	50	67712	.09	<.01		.79	.001		.10?
	ND to 50°md	270	30° 10° 30°	1/8" 1/4" 1/2"	qtz-chl-py qtz-chl-(cp)-(cc)? qtz-chl-lim-(py)	<.5		267	96	40	67713	.15	.01		1.16	.002		.10?
	ND	280	80° 0° 40° 40°	shear hrln x 2 1" 3/4"	chl-lim qtz-chl-py-(cp) ep-qtz-chl-(lim) qtz-chl-cp	<.5		277	100	80	67714	.11	<.01		.92	.001		.08
	ND	290	70° to 80° 30° ?	1/8" to 1/2" x 6 fracture 3"	ep-qtz-chl hem-carb gg w/ hem-carb	<.5	- brief fault zone from 289.5' to 291' with 3" to 9" sections of gouge visible There is str hem staining from 285' to 300'. The core, ~2' on	287	98	67	67715	.06	<.01		.94	.001		.06
	ND	300	? 50° 30° 60°	9" 3/4" hrln x 2 1/8" x 2	gg w/ hem-carb hem-carb-qtz-chl qtz-chl-py-(cp) ep-qtz-chl-hem	<.5	both sides of the fault zone have also been extensively deformed.	297	94	47	67716	.09	<.01		1.30	.001		.03
- Dark Chlorite Alteration Phase from 304' to E.O.H., with <10% plag and composed mainly of chl (65%) + qtz (25%)	ND		10° 70°	hrln 1/4" to 3/4" x 2	qtz-chl-py-((cp)) ep-qtz-chl	<.5		307	94	70	67717	.12	<.01		2.14	.001		.02
					307' ☆ E.O.H.													

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG — Hole No. 95-21 — Page No. 1 of 6

LOCATION: POLLYANNA / GM CLAIMS	BEARING: —	LATITUDE (N): 49306.54	CORE SIZE: NQ
LOGGED BY: ANDREW – STEWART			
DATE COLLARED: June 1, 1995	LENGTH: 357'	LONGITUDE (E): 55117.32	SCALE OF LOG: 1" = 10'
DATE: 05/06/95			
DATE COMPLETED: June 2, 1995	DIP: -90°	ELEVATION: 4103.795	REMARKS: Low RQD throughout entire hole!

ROCK TYPES and ALTERATION SYMBOLS

- MINE PHASE TONALITE
- QUARTZ SERICITE PYRITE ALTERATION PHASE
- QUARTZ EPIDOTE ALTERATION PHASE
- CHLORITE DARKENED MINE PHASE TONALITE

MISCELLANEOUS SYMBOLS and ABBREVIATIONS

badly broken rock; fault gouge; ↑ increase; ↓ decrease; ( ) minor amount; (( )) very minor amount

altn = alteration	cp = chalcopyrite	mag = magnetite	qtz = quartz
az = azurite	cup = cuprite	mal = malachite	rx = rock
bo = bornite	diss = disseminated	MnO_2 = pyrolusite	saus = saussurite
brx = broken rock	ep = epidote	Mo = molybdenite	ser = sericite
bx = breccia	gg = gouge	mod = moderate	sph = sphalerite
carb = carbonate	gr = garnet	nat Cu = native copper	str = strong
cc = chalcocite	gyp = gypsum	ND = non directional	SiWk = stockwork
chl = chlorite	hem = hematite	pied = piedmontite	tet = tetrahedrite
chry = chrysocolla	lim = limonite	py = pyrite	wk = weak

BOTTOM DEPTHS

ZONE	ESTIMATE	ACTUAL
LEACH CAP	—	—
LEACHABLE OX.	—	—
LIM. ZONE	65'	65'
SUPERGENE	—	—

ROCK TYPES and ALTERATION	FOLIATION ANGLE & INTENSITY	Footage	STRUCTURE (veins) ANGLE TO CORE AXIS	STRUCTURE (veins) WIDTH	MINERALIZATION	ESTIMATE % PYRITE	REMARKS	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERY	R.Q.D.	SAMPLE NUMBER	% TCu	% ASCu	% CNSCu	% ASFe	% MoS_2	oz/ton Ag	ESTIMATED TOTAL Cu GRADE (%)	
							CASING TO 47'												
MINE PHASE TONALITE (47-145) PLAG-QTZ-CHL	ND	50	?x1 ?x1	1/10" HRLN	LIM-(MnO_2) ON FRAC MnO_2 ON FRAC					13									57
SAUSSURITE ALT	ND	60	?<B 55°x1 ?x1 30°x2	HRLN 1/10" 1/2" 1/10"	LIM-MnO_2 ON FRAC LIM-MnO_2 BRX-LIM-(MnO_2) LIM-PY-QTZ-((MnO_2))	<0.5		57	97	20	67601	.02	.01		.91	<.001		0.03	4054
	ND	70	?x1 ?x6 ?x1 50°x3	3/4" HRLN 2" 1/10"	BRX-GOUGE-SAUS CLAY-LIM SAUS CLAY-LIM ON FRAC BRX-GOUGE-SAUS CLAY-LIM-? RED ORANGE STAIN QTZ-PY	<0.5	DISSEMINATED CPY IN CORE.	67	97	47	67602	.10	.01		1.38	<.001		0.08	4044 4040
	ND	80	45°x2 ?x9	1/4" 1/10 HRLN	QTZ-CHL-PY-SER QTZ-PY-SER-CHL	<0.5		77	98	63	67603	.06	<.01		1.71	.001		0.05	4040

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG

ROCK TYPES and ALTERATION	FOLIATION ANGLE & INTENSITY	GRAPHIC LOG Footage	STRUCTURE (veins) ANGLE TO CORE AXIS	STRUCTURE (veins) WIDTH	MINERALIZATION	ESTIMATE % PYRITE	REMARKS	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERY	R.Q.D.	SAMPLE NUMBER	% TCu	% ASCu	% CNSCu	% ASFe	% MoS2	oz/ton Ag	ESTIMATED TOTAL Cu GRADE (%)
	ND	90	50°x1 60 x1 60°x2 50°x1	1/4" 1/2" 1/2" 1/4"	QTZ-CHL-SEP-PY-CPY QTZ-CHL-CARB-PY QTZ-SER-CHL-PY QTZ-PY-((CHL))	<0.5	↓CU FROM DRILLING!	87	100	50	67604	.02	<.01		1.02	<.001		0.05
HEM STAIN 87.5-96.75	ND	100	30°x2 30°x1 50°x3	HRLN 1/8"	CHL-QTZ-PY CHL-QTZ-((CARB))-((PY)) QTZ-CHL-PY	<0.5		97	100	47	67605	.05	<.01		1.40	.001		0.04
	ND	110	50°x1 ?-30°x1	1/10" HRLN	QTZ-CHL-PY QTZ-CHL-PY-CPY QTZ-SER-CHL-((PY))-((CPY))	<0.5		107	100	53	67606	.04	<.01		1.40	.001		0.05
HEM STAIN 113-113.5 QUARTZ-EPIDOTE ALT 118-122	ND	120	45° ?x2 30-40°x3	1/3" 3"-4" 1/10-HRLN	QTZ-CARB BRX-(GAUGE) QTZ-PY-CPY	<0.5		117	94	23	67607	.17	<.01		2.08	<.001		0.08
QTZ-EPI ALT 126-126.5 HEM STAIN 127-145	N	130	30°x3 30°x14	HRLN HRLN	QTZ-PY QTZ-PY-SER-CHL	<0.5		127	96	17	67608	.03	<.01		2.11	.001		0.05
?FAULT ZONE 131-142	ND	140	?x1 ?x1 ?x1 ?x1 ?x1	1" 1/16" 1" 1/10" 1"	BRX-GAUGE QTZ-PY BRX-(GAUGE) ↑PY IN INCOMPETENT CORE (136-137) BRX	<0.5		137	60	3	67609	.06	<.01		2.16	.001		0.05

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GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG Hole No. 95-21 Page 3 of 6

ROCK TYPES and ALTERATION	FOLIATION ANGLE & INTENSITY	GRAPHIC LOG Type Min. Footage	STRUCTURE (veins) ANGLE TO CORE AXIS	STRUCTURE (veins) WIDTH	MINERALIZATION	ESTIMATE % PYRITE	BOTTOM DEPTHS ZONE / ESTIMATE / ACTUAL; REMARKS	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERY	R.Q.D.	ASSAY RESULTS: SAMPLE NUMBER	% TCu	% ASCu	% CNSCu	% ASFe	% MoS_2	oz/ton Ag	ESTIMATED TOTAL Cu GRADE (%)
CHLORITE DARKENED MINE PHASE TONALITE (145-166) CHL + SER + CARB CORE IS ROTTED & BREAK EASILY	?	150	?x1	1/8"	QTZ-PY-CPY-(CHL)	<0.5	REMARKS: CORE IS ROTTED 145-166 MISSING CORE 141-149	147	45	37	67610	.63	.02		3.19	.008		0.35
? FAULT ZONE 152-160	?	160	?x1 ?x1 50°x1	1/8" 1" 1/4"	PY-CHL-SER BRX-(GAUGE) QTZ-CHL	<0.5		157	97	27	67611	.17	<.01		3.76	.009		0.20
? FAULT ZONE 169-170 QUARTZ-EPIDOTE ALTERATION PHASE (166-191.5)	?	170	40°x1 60°x1 ?x1 ?x1 80°x1	1/16" 1/2" 4' 1/3" 1/4"	BLACK CHL? BLACK CHL? BRX QTZ-CHL-CPY-PY QTZ-SER-CPY-PY	<0.5		167	82	10	67612	.20	<.01		2.00	.004		0.22
MINE PHASE TONALITE (171.5-177) PLAG+QTZ+CHL \PLAG, & PLAG PHENO'S ? FAULT ZONE 171-177	? TO ND	180	?	6'	BRX	<0.5		177	49	13	67613	.06	<.01		.92	.002		0.05
? FAULT ZONE 178-188 CHLORITE DARKENED MINE PHASE TONALITE (177-235)	ND TO ?	190	45°x1 ?x9	1/8" 1/4"-1"	QTZ-PY-CHL QTZ-CHL-CARB-(CPY)-(PY)	<0.5		187	70	20	67614	.08	<.01		1.22	.001		0.10
? FAULT ZONE 190-194 QTZ+EPI ALT PHASE 177-198		200	?x10 60°+x5	1/4"-1" 1/4"-1"	QTZ-CHL-CARB-(CPY)-(PY) QTZ-CHL-CARB-((CPY))-((PY))	<0.5	SOME VUGGY VEINS!	197	90	33	67615	.09	<.01		1.31	.003		0.12

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG — Hole No. 95-21 — Page 4 of 6

ROCK TYPES and ALTERATION	FOLIATION ANGLE & INTENSITY	GRAPHIC LOG (Alt. Type, Footage, Structure)	STRUCTURE (veins) ANGLE TO BORE AXIS	STRUCTURE (veins) WIDTH	MINERALIZATION	ESTIMATED % PYRITE	BOTTOM DEPTHS: ZONE / ESTIMATE / ACTUAL — LEACH CAP, LEACHABLE ORE, UNL. ZONE, SUPERGENE — REMARKS	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERY	R.Q.D.	ASSAY RESULTS: SAMPLE NUMBER	% TCu	% ASCu	% CNSCu	% ASFe	% MoS_2	oz/ton Ag	ESTIMATED TOTAL Cu GRADE (%)
? FAULT ZONE 203-220	60° into TO ?	210	20° x 3 60 x 1	1" ¼"	QTZ-CHL-CARB (CPY) QTZ-CHL-CPY-PY	<0.5	DISSEMINATED CPY!	207	70	17	67616	.18	<.01		1.51	.015		0.16
	60° 60°	220	? x 1 ? x 1	3' 8'	BRX BRX - ¾" QTZ - CHL - CPY - PY	<0.5	DISSEMINATED CPY!	217	80	7	67617	.16	<.01		1.52	.008		0.16
	ND	230	40' x 1 50' x 4 50' x 2 50' x 2 50' x 1	¼" ⅛" - ¾" 1" ½" ¼"	CHL-QTZ-CPY QTZ-PY-(SER)-(CHL) QTZ-CHL-(PY)-(CPY) QTZ-CHL QTZ-CHL-((CPY))-((PY))	0.5	DISSEMINATED CPY!	227	95	43	67618	.14	<.01		1.78	.008		0.10
? FAULT ZONE 232-237	ND	240	50' x 2 ? x 1	¾" - ½" 3'	QTZ-CHL-CPY-((MO)) BRX	<0.5		237	88	20	67619	.19	<.01		1.11	.005		0.10
QUARTZ-SERICITE PYRITE ALTERATION PHASE (240-252) QTZ + SER + PY + ((CHL))	ND	250	45-? x 1	¾"	PY-QTZ-SER	14.0	↑ PYRITE	247	80	47	67620	.20	<.01		20.60	.015		0.20 M 0.15 D
MAIN PHASE TONALITE (252-357) PLAG + QTZ - CHL	ND	260	50' x 4 50' x 3	⅛" ½"	QTZ-CHL-CPY-PY QTZ-CHL-CPY-PY	<0.5	DISSEMINATED CPY!	257	100	43	67621	.40	<.01		1.47	.010		0.11

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG

Hole No. 95-21 Page 5 of 6

ROCK TYPES and ALTERATION	FOLIATION ANGLE & INTENSITY	GRAPHIC LOG Footage	STRUCTURE (veins) ANGLE TO CORE AXIS	STRUCTURE (veins) WIDTH	MINERALIZATION	ESTIMATE % PYRITE	BOTTOM DEPTHS / REMARKS	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERY	R.Q.D.	SAMPLE NUMBER	% TCu	% ASCu	% CNSCu	% ASFe	% MoS₂	oz/ton Ag	ESTIMATED TOTAL (R)
?FAULT ZONE 260-267	ND TO 50 WK	270	?x2 ?x1 ?x1 50°x1 80°x2	1" 3' 1" 1¼" 1/10"	QTZ SER-CHL-(CPY)-(PY) BRX BRX QTZ-CHL QTZ-CHL-CPY-PY	<0.5		267	90	10	67622	.26	<.01		1.57	.010		0.06
	ND	280	35°x4 ?x1 30°x1 40°x1	½"-⅙" 1" 1" 1/10"	QTZ-CHL-SER-CPY-PY ROCK GAUGE QTZ-CHL-CARB QTZ-CHL-(PY)-((CPY))	<0.5	↓DISS PY	277	97	50	67623	.20	<.01		1.32	.004		0.08
FAULT 284-327	ND	290	50°x1 50°x7 ?x1	4" ¼" 6'	QTZ-EPI-((PY)) QTZ-SER-CHL-PY BRX-ROCK GAUGE	<0.5	↓HEM STAIN ON FRAC 181'	287	100	10	67624	.11	<.01		1.32	.001		0.05
HEM STAIN 298-304	ND	300	40°x1 50°x2	¾" ¼"-½"	QTZ-((CHL)) QTZ-CHL-((CPY))-((PY))	<0.5		297	100	17	67625	.05	<.01		1.06	.002		0.04
H.F.T IS HIGHLY IRREGULAR 300-327 ±HEM STAIN ± PLAG PHENO'S CHL OCCURS IN BLOTCHES & INFUMES	ND TO ?	310	60°x8 ?x1 ?x1	⅛-¼" 4" 6'	QTZ-SER-PY GAUGE BRX-GAUGE	<0.5	FRAGILE CORE 307-315	307	100	0	67626	.06	<.01		1.43	.001		0.04?
↑HEM STAIN 317-320	?	320	?x1 ?x1 ?x1 30°x1 ?x1	1" 10' 6" 1/10" 2"	GAUGE-BRX BRX-GAUGE GAUGE QTZ-CHL-CPY-SER ↑HEM GAUGE [illegible]	<0.5	[illegible]	317	92	10	67627	.07	<.01		1.41	.002		0.05?

ROCK TYPES and ALTERATION	FOLIATION ANGLE & INTENSITY	GRAPHIC LOG Footage	STRUCTURE (veins) ANGLE TO CORE AXIS	STRUCTURE (veins) WIDTH	MINERALIZATION	ESTIMATE % PYRITE	BOTTOM DEPTHS / REMARKS	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERY	R.Q.D.	SAMPLE NUMBER	% TCu	% ASCu	% OXSCu	% ASFe	% MoS₂	oz/ton Ag	ESTIMATED TOTAL Cu GRADE (%)
	ND, 70°WK ND	330	?x1 50°x1 60°x1 ?x1 70°x3	1½" ½" 1/10" 1" ¼"-1"	Brx-GAUGE QTZ-CHL-PY QTZ-SER-PY-CHL Brx-GAUGE QTZ-CHL-SER-((CPY))-((PY))	<0.5		327	98	40	67628	.04	<.01		.90	.001		0.06
HEM STAIN 330-340 ?FAULT ZONE 330-333	ND, 60°WK TO ?	340	70°x1 ?x1 70-?x5 ?x1	¼" ½" ¼"-HRLN 3"	QTZ-PY-CHL Brx-GAUGE QTZ-CHL-((PY))-((CPY)) Brx-? HEM STAIN GAUGE	<0.5		337	100	57	67629	.04	<.01		1.03	.001		0.05
HEM STAIN 344-345, 349'	50° WK	350	50°x5 50°x1 60°x2 70°x1	1/10-¼" 1/10" ¼" 2½"	QTZ-SER-CHL-PY QTZ-CHL QTZ-PY-SER QTZ-SER-PY	<0.5		347	100	27	67630	.03	<.01		1.28	.001		0.04
	50° WK	357	50°x6 60x2	1/10-⅛" ¼-½"	QTZ-CHL-(CPY)-(PY) QTZ-CHL-(CPY)-((PY))	<0.5		357	99	30	67631	.08	<.01		1.17	.004		0.06
							E.O.H. [initials]											

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG Hole No. 95-22 Page No. 1 of 8

LOCATION	POLLYANNA / GM CLAIMS	BEARING	—	LATITUDE (N)	49725.48	CORE SIZE	NQ
DATE COLLARED	June 2, 1995	LENGTH	470'	LONGITUDE (E)	54779.98	SCALE OF LOG	1" = 10'
DATE COMPLETED	June 3, 1995	DIP	-90	ELEVATION	4156.065	REMARKS	

LOGGED BY ANDREW STEWART DATE 12/06/95

ROCK TYPES and ALTERATION SYMBOLS

- MINE PHASE TONALITE
- QUARTZ EPIDOTE ALTERATION PHASE
- CHLORITE DARKENED MINE PHASE TONALITE
- QUARTZ SERICITE ALTERATION PHASE / CHLORITE MINE PHASE TONALITE

MISCELLANEOUS SYMBOLS and ABBREVIATIONS

badly broken rock; fault gouge; ↑ increase; ↓ decrease; ( ) minor amount; (( )) very minor amount

altn = alteration; az = azurite; bo = bornite; brx = broken rock; bx = breccia; carb = carbonate; cc = chalcocite; chl = chlorite; chry = chrysocolla; cp = chalcopyrite; cup = cuprite; diss = disseminated; ep = epidote; gg = gouge; gr = garnet; gyp = gypsum; hem = hematite; lim = limonite; mag = magnetite; mal = malachite; MnO_2 = pyrolusite; Mo = molybdenite; mod = moderate; nat Cu = native copper; ND = non directional; pied = piedmontite; py = pyrite; qtz = quartz; rx = rock; saus = saussurite; ser = sericite; sph = sphalerite; str = strong; StWk = stockwork; tet = tetrahedrite; wk = weak

BOTTOM DEPTHS

ZONE	ESTIMATE	ACTUAL
LEACH CAP	—	—
LEACHABLE OX.	—	—
LIM. ZONE	95	95'
SUPERGENE	—	—

ROCK TYPES and ALTERATION	FOLIATION ANGLE & INTENSITY	GRAPHIC LOG Footage	STRUCTURE (veins) ANGLE TO CORE AXIS	STRUCTURE (veins) WIDTH	MINERALIZATION	ESTIMATE % PYRITE	REMARKS	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERY	R.Q.D.	SAMPLE NUMBER	% TCu	% ASCu	% CNSCu	% ASFe	% MoS_2	oz/ton Ag	ESTIMATED TOTAL Cu GRADE (%)	
							CASING TO 22'												4138
MINE PHASE TONALITE (22-413) PLAG-QTZ-CHL (TYPICAL) CHL OCCURS IN BLOTCHES QTZ IS CLEAR & SEEMS TO BE STAINED BY HEMATITE 22-69	ND	30	40°x1 10°x1	1/4" 1/10"	LIM-(MnO_2) LIM-(MnO_2)	<0.5	LIM & (MnO_2) ON FRAC	27	90	37	67721	.01	.01		1.89	.001		0.04	4131
WHITER PLAG & DARKER CHL 22-35	ND	40	45°x1	1/2"	EPI-QTZ	<0.5	LIM-MnO_2 ON FRAC	37	97	20	67722	.01	<.01		1.63	.001		0.04	4126
	ND	50	50°x1	1/4"	QTZ-(EPI)	<0.5	(LIM)-(MnO_2) ON FRAC	47	95	63	67723	.01	<.01		.86	<.001		0.04	
	ND	60				<0.5		57	99	67	67724	.01	.01		.51	.001		0.04	

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG Hole No. 95-22 Page 2 of 8

ROCK TYPES and ALTERATION	FOLIATION ANGLE & INTENSITY	GRAPHIC LOG Min. Typ. Alt. Footage Structure	STRUCTURE (veins) ANGLE TO CORE AXIS	STRUCTURE (veins) WIDTH	MINERALIZATION	ESTIMATE % PYRITE	BOTTOM DEPTHS ZONE / ESTIMATE / ACTUAL: LEACH CAP; LEACHABLE OX.; UNL ZONE; SUPERGENE; REMARKS	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERY	R.Q.D.	ASSAY RESULTS: SAMPLE NUMBER	% TCu	% ASCu	% CNSCu	% ASFe	% MoS_2	oz/ton Ag	ESTIMATED TOTAL Cu GRADE (%)
↑LIM STAIN 69-80	ND	70	?	9"	BFX - MnO_2 - (LIM) ON FRAC	<0.5		67	75	3	67725	.03	.02		1.25	<.001		0.05?
	ND	80	55°x1 ? x1 55°x1	1" 1/16" 1/2"	QTZ-EPI-LIM-MnO_2 LIM-MnO_2 QTZ-EPI-LIM	<0.5		77	96	53	67726	.04	.01		3.08	.001		0.20?
↓PLAG PHENO 80-94 QUARTZ EPIDOTE ALT PHASE 99-100	ND	90	?-40°x4 60°x1	1/2" 1 1/2"	PY-LIM-QTZ-CHL QTZ-PLAG-((HO?))-((PY))-((CHL)) QTZ-PY-LIM-((CPY))	<0.5		87	97	37	67727	.07	.02		3.08	.002		0.10
	ND	100	40°x1 60°x3	1/16" 1/4 - 1/2"	QTZ-PY-(SER)-((CHL)) QTZ-CHL-CPY	<0.5		97	100	77	67728	.04	<.01		1.67	<.001		0.07
	ND	110	60°x1 30°x1 60°x1	2" 1/16" 1 1/2"	QTZ-EPI-(PY) QTZ-PY-SER-(CPY)-((CHL)) QTZ-EPI-(PY)	<0.5		107	100	70	67729	.06	<.01		1.70	<.001		0.05
SLIGHT HEM STAIN 118-147	ND	120	35-70°x2 80°x1 35-70°x2	1/8 - HRLN 1/2" HRLN	QTZ-SER-PY-(CHL) QTZ-SER-PY-(CHL)-(CPY) QTZ-SER-PY-(CHL)	0.5		117	100	53	67730	.24	<.01		3.60	.001		0.10?

ROCK TYPES and ALTERATION	FOLIATION ANGLE and INTENSITY	GRAPHIC LOG Footage	STRUCTURE (veins) ANGLE TO CORE AXIS	STRUCTURE (veins) WIDTH	MINERALIZATION	ESTIMATE % PYRITE	BOTTOM DEPTHS / REMARKS	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERY	R.Q.D.	SAMPLE NUMBER	% TCu	% ASCu	% CNSCu	% ASFe	% MoS2	oz/ton Ag	ESTIMATED TOTAL Cu GRADE (%)
	ND	130	30-26°x16	HRLN-3/4"	QTZ-SER-PY-(CHL)	<0.5		127	99	53	67731	.15	<.01		2.93	.001		0.08
	ND	140	?x4	1/12"	CARB-CHL-PY QTZ-PY-(CPY)-(MO)-(EPI)	<0.5		137	100	77	67732	.11	<.01		2.08	<.001		0.07
	ND	150	40-60°x3 20-45°	1/12"-1/4" 1/12"-1/4"	QTZ-PY-(CHL) QTZ-PY-(CHL)	<0.5		147	100	40	67733	.13	<.01		2.19	<.001		0.06
	ND	160	20-45x4 45°x2	1/8"-1/4" 1/10"	QTZ-PY-(CHL) QTZ-PY-(CHL)-(CPY)	<0.5		157	100	57	67734	.10	<.01		1.86	<.001		0.09
QUARTZ EPIDOTE ALT PHASE 162-164	ND	170	50-60°x8	HRLN-1/6"	QTZ-PY-SER-(CHL)	<0.5		167	98	60	67735	.06	<.01		2.08	<.001		0.07
	ND	180	55-60°x4 50°x1 45°x1 20°x	1/10" 1" 1" 1/10"	QTZ-PY-SER QTZ-CHL-PY-SER-CPY QTZ-SER-(CHL) QTZ-PY-SER-(CHL)	<0.5		177	98	43	67736	.09	<.01		2.67	<.001		0.10

BOTTOM DEPTHS: ZONE	ESTIMATE	ACTUAL
LEACH CAP		
LEACHABLE OX.		
LIM. ZONE		
SUPERGENE		

ROCK TYPES and ALTERATION	FOLIATION ANGLE & INTENSITY	GRAPHIC LOG (Alt'n Type / Footage / Structure)	STRUCTURE (veins) ANGLE TO CORE AXIS	STRUCTURE (veins) WIDTH	MINERALIZATION	ESTIMATE % PYRITE	REMARKS	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERY	R.Q.D.	SAMPLE NUMBER	% TCu	% ASCu	% CNSCu	% ASFe	% MoS₂	oz/ton Ag	ESTIMATED TOTAL Cu GRADE (%)
HEM STAIN 180-182	ND	190	40°X1 30-40°x12 ?	½" 1/10 - 1/8" 3/4"	QTZ-SER-(PY)-((CHL))-((CPY))-((MO)) QTZ-PY-SER-(CHL)-((CPY)) BRX	<0.5		187	99	50	67737	.13	<.01		3.73	.003		0.10
	ND	200	20°x1 55°x2 60-80°x5	1/10" 3/4 - 1½" 1/10"	PY-QTZ-((SER))-((CHL)) QTZ-CHL-((PY)) QTZ-SER-PY	<0.5		197	100	60	67738	.10	<.01		2.70	.001		0.06
	ND	210	15-80°x12	1/10 - 1/8"	QTZ-PY-SER-CHL-((CPY))	<0.5		207	97	77	67739	.09	<.01		2.21	.002		0.06
	ND	220	10-70°x12	HRLN - 1/6"	QTZ-PY-SER-CHL-((CPY))	<0.5		217	99.	67	67740	.11	<.01		3.59	.002		0.08
	ND	230	15-70x25	HRLN - 1/4"	QTZ-PY-SER-CHL-((CPY))	<0.5		227	96	30	67741	.17	<.01		3.34	.003		0.10
	ND	240	25-50°x5 ? 30°x1 50-60°x3 30°x1	1/10" 3/4" 1/8" 1/4" 1/8"	PY-QTZ-SER-CHL BRX-GAUGE QTZ-PY-CHL-SER QTZ-CHL-CPY PY-QTZ-CHL-SER	<0.5		239	98	37	67742	.12	<.01		2.67	.004		0.10

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG Hole No. 95-22 Page 5 of 8

ROCK TYPES and ALTERATION	FORMATION ANGLE & INTENSITY	GRAPHIC LOG Alt. Type Footage Structure	STRUCTURE (veins) ANGLE TO CORE AXIS	STRUCTURE (veins) WIDTH	MINERALIZATION	ESTIMATE % PYRITE	BOTTOM DEPTHS ZONE / ESTIMATE / ACTUAL: LEACH CAP; LEACHABLE CAP; UNL ZONE; SUPERGENE; REMARKS	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERY	R.Q.D.	ASSAY RESULTS: SAMPLE NUMBER	% TCu	% ASCu	% CNSCu	% ASFe	% MoS_2	oz/ton Ag	ESTIMATED TOTAL Cu GRADE (%)
HEM STAIN 249-250.25	ND	250	20-60 x5 50° x1 30-60° x4 ?	1/16 - 1/4" 1/2" 1/8 - 1/16" "	QTZ-SER-PY-CHL QTZ-SER-PY-CHL-CPY QTZ-SER-PY-CHL BTX	<0.5		247	100	47	67743	.09	<.01		3.45	.003		0.10
	ND	260	? 25° x4 30-45° x5	1/2" 1/16" 1/16 - 1/4"	Brx QTZ-PY-CHL-SER QTZ-CHL-SER-PY-(CPY)	<0.5	0.5% CPY	257	95	37	67744	.12	<.01		2.58	.003		0.09
	ND	270	30-90° x5 80-45° x4	1/16 - 1/4" 1/16 - 1/2"	QTZ-CHL-SER-PY QTZ-PY-SER-CPY-CHL-(MO)	<0.5	DISS CPY	267	97	43	67745	.17	<.01		2.98	.006		0.12
VRAG 272-279	ND	280	20° x 1 50° x3 60° x 1 30-45° x4	1/16" 1/8 - 1 1/2" 1/8" HRLN - 1/16"	QTZ-PY-CHL-CPY EPI-QTZ-CHL-CPY-PY QTZ-CHL-(PY)(CPY)-(PY) QTZ-CHL-PY-SER	<0.5		277	99	73	67746	.21	<.01		2.10	.005		0.12
	ND	290	40-65° x15 ?	HRLN 3"	QTZ-CHL-PY-(CPY) BRX & CHL	<0.5		287	99	50	67747	.31	<.01		2.48	.005		0.10
	ND	300	30-90° x5 25° x 2	1/16 - 1/4" 1/32"	QTZ-CHL-PY-CPY QTZ-CHL-(PY)-(CPY)	<0.5	0.5% CPY	297	100	47	67748	.27	<.01		2.34	.008		0.12

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG

ROCK TYPES and ALTERATION	FOLIATION ANGLE & INTENSITY	GRAPHIC LOG Footage	STRUCTURE (veins) ANGLE TO CORE AXIS	STRUCTURE (veins) WIDTH	MINERALIZATION	ESTIMATE % PYRITE	REMARKS	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERY	R.Q.D.	SAMPLE NUMBER	% TCu	% ASCu	% CNSCu	% ASFe	% MoS$_2$	oz/ton Ag	ESTIMATED TOTAL Cu GRADE (%)
SOME EPI IN CORE 308-311	ND	310	45°x6 30-45°x3	1/16 - 1/4" 1/8 - 1"	QTZ-CHL-CPY-PY-(MO) QTZ-CHL-CPY-PY-MO	<0.5		307	98	57	67749	.29	<.01		1.85	.009		0.15
HEM STAIN ON FRAC 312-313.5 ? POSSIBLE FAULT ZONE 314-329.5	ND	320	40°x3 10-45°x4	1/8" 1/4 - 1/5"	QTZ-CHL-PY-(CPY) QTZ-CHL-PY-CPY	<0.5	↑ DISS CPY	317	100	27	67750	.32	<.01		2.49	.011		0.26
HEM STAIN 321-325, 329-330 SOFT CORE 323-329	ND	330	40°x3 ? 40°x6 50-40°x3	1/5 - HRLN 2½' 1" - HRLN HRLN	QTZ-CHL-PY-(CPY) BRX QTZ-CHL-MAG-CPY-PY CHL-CPY-(PY)	<0.5	↑↑ DISS CPY	327	100	33	67751	.41	<.01		3.34	.021		0.30
HEM STAIN 331-352	ND	340	50-60°x2 45-80°x4 ? 25-40°x3 ? 80°x1	1/3 - HRLN HRLN 1/2' HRLN 3/4' HRLN	QTZ-CHL-(CPY)(PY) QTZ-CHL-(CPY)(PY) BRX QTZ-CHL-(CPY)-(PY) BRX QTZ-CHL-(CPY)-(PY)	<0.5	↑ DISS CPY 0.15 1 20 0.04	337	97	30	67752	.46	.01		3.13	.008		0.27
	ND	350	?x1 ?x1 50-60°x4 60-70°x2	1/2" 6" 1/6" 1/2"	QTZ-CHL-CPY-PY-SER-CARB QTZ-EPI-(CHL)-(CPY)-(PY) QTZ-CHL-CARB-CPY-(PY) QTZ-CHL-SER	<0.5		347	98	37	67753	.40	.01		2.65	.005		0.27
QTZ SER ALT PHASE / ↓ CHL MINE PHASE TONALITE 351-355 NO-↓ CHL AND PLAG PHENO'S. BEIGE IN COLOR CHL DARKENED MINE PHASE TONALITE ↑ CHL ↓ PLAG PHENO'S BROKEN ZONE 357-362, HEM STAIN 356-359	ND	360	45°x4 40°x1 50°x2	HRLN - 1/6" 1/4" 1/2 - 1"	CHL-SER-MO-PY-CPY QTZ-CHL-EPI-PY QTZ-CPY-CHL	<0.5	↑ DISS CPY	357	100	37	67754	.40	.01		1.72	.013		0.20

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG Hole No. 95-22 Page 7 of 8

ROCK TYPES and ALTERATION	FOLIATION ANGLE & INTENSITY	GRAPHIC LOG Type & Alteration / Footage / Structure	STRUCTURE (veins) ANGLE TO CORE AXIS	STRUCTURE (veins) WIDTH	MINERALIZATION	ESTIMATE % PYRITE	BOTTOM DEPTHS ZONE / ESTIMATE / ACTUAL: HEADH CAP; LEACHABLE OX.; UNL ZONE; SUPERGENE	REMARKS	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERY	R.Q.D.	ASSAY RESULTS: SAMPLE NUMBER	% TCu	% ASCu	% CNSCu	% ASFe	% MoS_2	oz/ton Ag	ESTIMATED TOTAL Cu GRADE (%)
QTZ SER ALT PHASE & CHL RICH PHASE TONALITE 360-361			70° X 2	1/8 - 3/4"	QTZ-CHL-CARB-(PY)														
GPI ALT 366-368 BROKEN ZONE 367-370	ND	370	10°-30° X 2	1/4"	QTZ-HAL-CHL-PY-CPY	<0.5			367	97	37	67755	.37	.01		2.99	.017		0.26
			30 X 1	1/4"	QTZ-CHL-CPY														
			? X 1	6"	GPI-QTZ-PY-CHL-(CARB)														
			10° X 1	1/4"	CHL-QTZ-PY-CPY														
? FAULT ZONE 373-378			30° X 2	1/8"	QTZ-CHL-PY-CPY														
			?	3/4"	BRX														
HEM STAIN 377-378 HEM STAIN ON FRAC 378-381	ND	380	20-45° X 4	1/8"	QTZ-CHL-MO-SER	<0.5			377	100	37	67756	.39	.01		2.10	.013		0.21
			70° X 1	1/8"	QTZ-CHL-CPY														
CHL DARKENED 383-386; NO PLAG PHENO'S & NOD FOL	ND		45° X 2	1/16"	CHL-QTZ-PY-CPY														
	60° MOD		70-80° X 2	1/8 - 1/16"	QTZ-CHL-PY-CPY														
CHL DARKENING 386-390; NO PLAG PHENO'S & NO FOL		390	60° X 2	1/8"	QTZ-CHL-(CPY)	<0.5			387	99	33	67757	.25	.01		2.43	.007		0.24
	ND		45° X 1	1/4"	QTZ-CHL-CPY-(PY)														
			70-80° X 3	1/4 - 1/8"	QTZ-CHL-PY-(CPY)														
HEM STAIN 390-395, 395-395.5 CHL DARKENED 391-392 & 393-395; & PLAG PHENO'S & NO FOL																			
HEM STAIN ON CALCITE HEALED FRAC 392-393 SOME EPI ALT 393-395	ND		50-70° X 3	1/8 - 2"	QTZ-CHL-SER	<0.5			397	94	37	67758	.07	<.01		1.71	.002		0.14
			30-45° X 4	1/10 - 1/8"	CHL-QTZ-CPY-PY-EPI														
BROKEN ZONE 398-403		400	55° X 2	1/2"	QTZ-CHL-(SER)-CARB														
QTZ SER ALT PHASE/CHL RICH PHASE TONALITE 401-402			70° X 1	1/4"	QTZ-CHL-CARB-														
CARB HEALED FRAC 403-404 HEM STAIN 2" AT 405	ND		80° X 2	1/10"	QTZ-CHL-(CPY)-(PY)	<0.5			407	98	30	67759	.12	.01		1.61	.005		0.16
			?	9"	BRX														
			40° X 1	1/4"	QTZ-CHL-(CPY)-(MO)														
HEM STAIN 408-410		410		1"	BRX														
			45° X 1	1/8"	QTZ-CHL														
			?	1"	BRX														
			45° X 1	1/2"	QTZ-EPI-CHL-(PY)-(CPY)														
CHL DARKENING 413-420; NO PLAG PHENO'S	ND		?	3"	BRX	<0.5			417	99	43	67760	.25	.01		2.03	.008		0.10
			45° X 1	1/4"	QTZ-EPI														
HEM STAIN 417-418.5		420	40° X 2	1/16"	QTZ-CHL-PY-CPY														
				1/8 - 1/4"	CARB														

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG Hole No. 95-22 Page 8 of 8

ROCK TYPES and ALTERATION	FOLIATION ANGLE TO CORE AXIS / INTENSITY	GRAPHIC LOG (Footage)	STRUCTURE (veins) ANGLE TO CORE AXIS	STRUCTURE (veins) WIDTH	MINERALIZATION	ESTIMATE % PYRITE	BOTTOM DEPTHS ZONE / ESTIMATE / ACTUAL: LEACH CAP; LEACHABLE OX; UNL ZONE; SUPERGENE	REMARKS	FOOTAGE BLOCKED	ESTIMATED CORE RECOVERY	R.Q.D.	ASSAY RESULTS: SAMPLE NUMBER	% TCu	% ASCu	% CNSCu	% ASFe	% MoS_2	oz/ton Ag	ESTIMATED TOTAL Au GRADE (oz/t)
QTZ SER /CLAY ALT PHASE 420-421.5 CHLORITE DARKENED MINE PHASE TONALITE 421.5-430 HEM STAIN 421.5-430, 426-439	ND ND	430	3 ? 70-60° x2 ? 60° x2	3" ¼-1" 2" ⅛"	GANGE QTZ-CHL-CPY-CARB-(PY) BTX-QTZ-CPY-CHL QTZ-(CPY)-(CHL)-(MO)-(PY)	<0.5	0.03 CHL 0.06 CPY 0.08 V		427	98	17	67761	.42	.01		1.92	.030		0.17
QTZ SER ALT PHASE/CHL MINE PHASE RHYOLITE 430-431.5 * FAULT ZONE 430-470 * CHLORITE DARKENED MINE PHASE TONALITE 438-490 SOFT CORE 431-443	ND TO ?	440	? ? 65° x1 65° x1	3" 8" ⅛" ⅛"	CPY-QTZ-(PY)-(CPY) BTX QTZ-MO-CPY-(CHL) QTZ-CPY-CHL	<0.5	0.22 0.06 0.02		437	96	3	67762	.15	.01		1.73	.012		0.11
QTZ SER ALT PHASE 443.5-444.5 SOFT CORE 445-450 HEM STAIN 446-449	?	450	? ? ?	4' ⅛" 4'	GANGE-BTX QTZ-CHL-CPY-(PY) GANGE-BTX	<0.5	0.06 0.13 0.02		449	97	0	67763	.37	.01		3.28	.012		0.16?
HEM STAIN 455-457	ND TO 70° TO ND	460	30° x1 70° x1	¼" ⅛"	QTZ-CHL-(CPY) SER-PY-QTZ	<0.5	0.11 0.05 0.02		457	88	7	67764	.22	.01		2.01	.004		0.10
SOFT CORE 465-467 * HEM STAIN THROUGHOUT M.PE. 465-490	ND TO ?	470	? ?	22" 14'	BTX OR QTZ-SER-PY-(CHL) BTX-(GANGE)-(CARB)	<0.5	0.32 CHL 0.08 CPY 0.01 V		467	85	0	67765	.13	<.01		2.35	.007		0.11
							E.O.H.												

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG Hole No. 95-23 Page No. 1 of 6

LOCATION Pollyanna / GM Claims | BEARING — | LATITUDE (N) 49 608.26 | CORE SIZE NQ | LOGGED BY Dick Pean
DATE COLLARED June 3, 1995 | LENGTH 305' | LONGITUDE (E) 55 279.69 | SCALE OF LOG 1"=10' | DATE June 14, 1995
DATE COMPLETED June 4, 1995 | DIP -90° | ELEVATION 4182.25 | REMARKS

ROCK TYPES and ALTERATION SYMBOLS

- MINE PHASE TONALITE
- CHLORITE DARKENED MINE PHASE TONALITE
- LEUCOCRATIC PHASE

MISCELLANEOUS SYMBOLS and ABBREVIATIONS

- badly broken rock
- fault gouge
- ↑ increase
- ↓ decrease
- ( ) minor amount
- (( )) very minor amount

altn = alteration	cp = chalcopyrite	mag = magnetite	qtz = quartz
az = azurite	cup = cuprite	mal = malachite	rx = rock
bo = bornite	diss = disseminated	MnO_2 = pyrolusite	sous = saussurite
brx = broken rock	ep = epidote	Mo = molybdenite	ser = sericite
bx = breccia	gg = gouge	mod = moderate	sph = sphalerite
carb = carbonate	gr = garnet	nat Cu = native copper	str = strong
cc = chalcocite	gyp = gypsum	ND = non directional	Stwk = stockwork
chl = chlorite	hem = hematite	pied = piedmontite	tet = tetrahedrite
chry = chrysocolla	lim = limonite	py = pyrite	wk = weak

ROCK TYPES and ALTERATION	FORMATION & INTENSITY	GRAPHIC LOG: Type / Footage / Structure	STRUCTURE (veins) ANGLE TO CORE AXIS	STRUCTURE (veins) WIDTH	MINERALIZATION Decreasing Order of Abundance	ESTIMATE % PYRITE	BOTTOM DEPTHS: ZONE / ESTIMATE / ACTUAL	REMARKS	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERY	R.Q.D.	ASSAY RESULTS: SAMPLE NUMBER	% TCu	% ASCu	% CNSCu	% ASFe	% MoS_2	oz/ton Ag	ESTIMATED TOTAL Cu GRAINS (%)
					From time report: CASING TO 20'		LEACH CAP — / — ; LEACHABLE OX. — / — ; LIM. ZONE 180' / 180' ; SUPERGENE — / —	* no casing block to start hole, therefore estimate a casing of 22', by using the 21' footage block											
								CASING TO 22'											
MINE PHASE TONALITE: 22 to 305' Mineralogically the Tonalite, in this hole is "normal" looking, with plag+qtz+chl as the main assemblage. But the plag has	ND	30	40° / 20°	½" / 1"	ep-qtz-chl / ep-qtz-chl-ank	<.5			37	98	47	67771	.01	<.01		.99	.001		.01
about no saussurite altn and along with the str hem+ank staining of the Tonalite, the core has a slightly oxidized appearance (light brown-red in spots). This str hem/ank zone continues down to 80'.	ND	40	? / 10° / 40° / 40°	10" / 2" / ¼" / ½"	brx w/ lim-MnO_2 / ep-qtz-chl-ank / qtz(vuggy)-chl-MnO_2 / ep-qtz-chl-ank	<.5			37	97	63	67772	.01	.01		1.65	.001		.01
	ND		30° / 40° / 10° / 10°	⅛" / ¼" / ⅛" / fracture	qtz(vuggy)-chl-MnO_2 / qtz-chl-ep-ank / qtz-hem / hem-ank-MnO_2	<.5			47	95	63	67773	<.01	<.01		1.43	<.001		.01

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG

ROCK TYPES and ALTERATION	FOLIATION ANGLE & INTENSITY	GRAPHIC LOG Footage	STRUCTURE (veins) ANGLE TO CORE AXIS	STRUCTURE (veins) WIDTH	MINERALIZATION	ESTIMATE % PYRITE	REMARKS	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERED	R.Q.D.	SAMPLE NUMBER	% TCu	% ASCu	% CNSCu	% ASFe	% MoS₂	oz/ton Ag	ESTIMATED TOTAL Cu GRADE (%)
-the plag has a "bleached" or whitish appearance from 50' to 70'	ND	60	40° 40°	fracturesx2 hrln x2	lim - MnO₂ ep-qtz-chl	<.5	-very few structures in this interval	57	100	67	67774	<.01	<.01		1.11	.001		.01
	ND	70	30° 20° 30°	fracture 1/2" 1/4"	hem-lim-MnO₂ qtz(vuggy)-chl-MnO₂ qtz(vuggy)-chl-MnO₂-ank	<.5		67	100	70	67775	.01	<.01		1.17	<.001		.01
	ND	80	40° 40° 90°	1/8" to 1/4" x2 1/8" 1/4"	qtz(vuggy)-chl-MnO₂-lim ep-qtz-(ank)-(chl) ep-qtz-chl	<.5		77	99	87	67776	.01	.01		1.31	<.001		.01
-from 80' to 140' is an interval of Tonalite speckled with "squat" hornblende. The hornblende is black and euhedral to subhedral which contrasts sharply with the chl blebs. The presence of hornblende might indicate that there was	ND	90	50° 40	hrln fracturesx2	qtz-chl-lim lim-ank-MnO₂	<.5		87	100	97	67777	<.01	<.01		1.09	.001		.01
limited hydrothermal altn and all the hornblende didn't convert to chl, which also may coincide with the relative low number of structures and high competancey of the core.	ND	100	40° 40° to 50°	1/4" fracturesx2	ep-qtz-chl lim-MnO₂	<.5	-this interval has a total length of 7' of competant core, using the footage blocks, so the drillers probabley pulled out a bit premature (the	97	100	63	67778	.01	.01		1.49	<.001		.01
	ND	110	20° to 40° 50°	fracturesx4 hrln	lim-MnO₂ qtz-chl-ank	<.5	RQD is not very representative of the 90' to 100' interval).	107	98	80	67779	.01	.01		1.23	.001		.01

Bottom depths (Zone / Estimate / Actual): Leach Cap; Leachable Gr.; Ox. Zone; Supergene —

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG Hole No. 95-23 Page 3 of 6

ROCK TYPES and ALTERATION	FOLIATION ANGLE & INTENSITY	GRAPHIC LOG Footage	STRUCTURE (veins) ANGLE TO CORE AXIS	STRUCTURE (veins) WIDTH	MINERALIZATION	ESTIMATE % PYRITE	BOTTOM DEPTHS / REMARKS	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERY	R.Q.D.	SAMPLE NUMBER	% TCu	% ASCu	% CNSCu	% ASFe	% MoS2	oz/ton Ag	ESTIMATED TOTAL Cu GRADE (%)
	ND	120	30° 20°	hrln x2 hrln	qtz-MnO2-ank-lim qtz-carb-lim	<.5		117	100	93	67780	<.01	<.01		1.09	<.001		.01
	ND	130	10° 40° 40°	hrln 1/2" 1/2"	qtz-chl-py ep-qtz-chl qtz-chl-[illegible]m-hem	<.5	- first appearance of a sulphide (py) at 122'.	127	100	87	67781	.01	.01		1.17	<.001		.01
	ND	140	? 40° 40°	7" 3/8" 1/8"	brx w/lim-MnO2 pied-qtz-chl ep-pied-qtz-chl	<.5		137	97	60	67782	.02	.01		1.32	<.001		.01
	ND	150	0° 20° to 30° 40° 40°	hrln hrln x2 1/16" to 1/4" x3 1"	qtz-lim-chl qtz-chl-((py)) qtz-carb-hem ep-qtz-chl	<.5	- light to mod hem staining from 140' to E.O.H., with very str hem staining from 170' to 175'.	147	98	83	67783	.01	.01		.76	.001		.01
	ND	160	30° to 40° 20° to 20° 30°	hrln x2 fractures x3 1/4"	qtz-chl-ep-py hem-carb qtz-ep-chl-hem-carb	<.5		157	100	73	67784	.01	<.01		.77	<.001		.01
	ND	170	40° 70° 40°	hrln to 1/8" x2 1/4" fracture	ep-qtz-chl qtz-ep-chl-(cp)-(py) hem-carb-lim	<.5		167	99	77	67785	.09	<.01		1.65	<.001		.02

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GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG Hole No. 95-23 Page 4 of 6

ROCK TYPES and ALTERATION	FOLIATION ANGLE & INTENSITY	GRAPHIC LOG Min. Type	Footage	Structure	STRUCTURE (veins) ANGLE TO CORE AXIS	STRUCTURE (veins) WIDTH	MINERALIZATION	ESTIMATE % PYRITE	BOTTOM DEPTHS ZONE / ESTIMATE / ACTUAL: LEACH CAP; LEACHABLE OX.; UML ZONE; SUPERGENE	REMARKS	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERY	R.Q.D.	ASSAY RESULTS: SAMPLE NUMBER	% TCu	% ASCu	% CNSCu	% ASFe	% MoS_2	oz/ton Ag	ESTIMATED TOTAL Cu GRADE (%)
					40°	¼"	gtz-chl-(py)-((cp))														
	NC				40°±50°	fracturesx4	hem-carb	<.5		-the str hem zone is relatively soft with all the numerous carb+hem stringers running through the tonalite, from 170' to 175'.	177	100	83	67786	.01	<.01		1.40	.001		.08
			180		40°	¼"	gtz-ep-chl-hem														
					10°	fracture	lim-carb														
					40°	1½"	ep-gtz-chl														
	ND				30°±40°	fracturesx5	hem-carb	<.5			187	98	73	67787	.02	<.01		.94	<.001		.01
			190		70°	½"	gtz-carb-ep-(py)														
					30°±50°	fracturesx5	hem-carb														
					40°	¾"	ep-gtz-chl														
	ND				30°	¾"	gtz-chl-((py))	<.5			197	100	90	67788	.06	.04		1.46	.003		.02
			200		40°	fracture	carb-py-(cp)														
					20°	fracture	hem-carb														
					30°	brln to ⅛"x2	gtz-carb-chl														
	ND							<.5			207	100	57	67789	.02	<.01		1.77	.001		.01
			210		10°	brh	gtz-chl-py														
					90°	4"	gtz-py-cp-chl			- fault zone from 217' to 237', with several brx + gg sections											
	ND to 85°-90° mod				40°	½"	gtz-carb-chl	1.5		- sharp increase in py+cp supplied by a single 4" gtz vein between 210 and 211.	217	90	17	67790	.10	.01		2.78	.001		.14?
			220		?	3'	brx + gg w/ hem-carb														
					0°	brln x2	gtz-carb-hem														
	ND				10°	¾"	ep-gtz-chl	<.5		- 2' of "competant" gg from 226' to 228'. The gg can be picked up but can easily be broken just using the hands.	227	90	37	67791	.07	.01		1.88	.003		.05?
			230		?	2'	gg w/ hem-carb-(py)														

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG Hole No. 95-23 Page 5 of 6

ROCK TYPES and ALTERATION	FORMATION / ANGLE & INTENSITY	GRAPHIC LOG Ash / Tuff / Lapilli / Footage / Structure	STRUCTURE (veins) ANGLE TO CORE AXIS	STRUCTURE (veins) WIDTH	MINERALIZATION	ESTIMATE % PYRITE	BOTTOM DEPTHS ZONE / ESTIMATE / ACTUAL: LEACH CAP; LEACHABLE OX.; UM. ZONE; SUPERGENE. REMARKS	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERY	R.Q.D.	ASSAY RESULTS: SAMPLE NUMBER; % TCu; % ASOu; % CNSCu; % ASFe; % MoS_2; oz/ton Ag; ESTIMATED TOTAL Cu GRADE (%)
			?	2'	brx+gg w/ hem-carb-py)		- the core from 833' to 237 has been moderately deformed having a soft, pitted or vuggy tonalite.				
	ND	240	40°	4"	gtz-carb-ch	<.5		237	90	47	67792 .17 .01 2.59 .017 .057
			10°	4"	gtz-chl-mag-(cp)						
			10°	¼"	gtz-chl-cp						
	ND		40°	1¼"	ep-gtz-chl-hem	<.5			95		
		250	?	1'	brx+(gg) w/ hem-carb-(py)			247		50	67793 .09 .01 2.16 .002 .10
			40°	2"	ep-gtz-chl-hem-((cp))		- another fault zone from 253' to E.O.H.				
			?	1½'	brx+gg w/ hem-carb-py-cp						
	ND	260	10°	hrln to ⅛"x2	gtz-chl-cp-(py)	0.8		257	94	37	67794 .11 <.01 2.24 .001 .12
			40°	hrln	gtz-chl-py-cp						
			20°	⅛"	gtz-chl-py-(cp)						
	ND		?	1½'	brx+gg w/ hem-carb-(cp)	<.5			93		
		270	40°	hrln	gtz-chl-py-cp			867		33	67795 .07 <.01 1.39 .002 .08
			90°	⅛" to ¼" x2	ep-gtz-chl-hem						
			40°	¼"	gtz-chl-py						
	ND		30°	⅛"	gtz-chl-(cp)	1.0			97		
		280	40°	¼"	gtz-chl-py-hem			277		43	67796 .07 <.01 2.00 .001 .04
- Sharp contact between the Quartz-Epidote Chlorite (280' to 282') and Leucocratic Phase (282' to 300'). The Leucocratic interval is a gtz-plag porphyry with a slight sericitic component.			60°	¼"	gtz-chl-cp						
	ND		40°	⅛" x2	gtz-carb-hem	<.5			96		
			40°	hrln	gtz-chl-cp						
		290	? ?	2½'	brx w/ hem-carb			887		13	67797 .06 <.01 .65 .003 .05

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG

Hole No. 95-23 Page 6 of 6

ROCK TYPES and ALTERATION	FOLIATION ANGLE & INTENSITY	GRAPHIC LOG	STRUCTURE (veins) ANGLE TO CORE AXIS	STRUCTURE (veins) WIDTH	MINERALIZATION	ESTIMATE % PYRITE	BOTTOM DEPTHS ZONE / ESTIMATE / ACTUAL: LEACH CAP; MARGINABLE OX.; UM. ZONE; SUPERGENE	REMARKS	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERY	R.Q.D.	SAMPLE NUMBER	ASSAY RESULTS: % TCu	% ASCu	% CNSCu	% ASFe	% MoS_2	oz/ton Ag	ESTIMATED TOTAL Cu GRADE (%)
	WD	300'	?	9'	gg + brx w/ rem-carb-(py)	0.8			297	50	7	67798	.21	<.01		1.32	.002		.05?
	WD		?	5'	brx + gg w/ rem-carb-(py)	<.5			305	55	0	67799	.05	<.01		1.16	.002		.05?
					305' ☆ E.O.H.														

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG Hole No. 95-24 Page No. 1 of 6

LOCATION Pollyanna / GM Claims	BEARING —	LATITUDE (N) 49739.67	CORE SIZE NQ	LOGGED BY Dick Ann	
DATE COLLARED June 4, 1995	LENGTH 307'	LONGITUDE (E) 55384.67	SCALE OF LOG 1" = 10'	DATE June 16, 1995	
DATE COMPLETED June 4, 1995	DIP -90°	ELEVATION 4222.485	REMARKS		

ROCK TYPES and ALTERATION SYMBOLS

- CHLORITE DARKENED MINE PHASE TONALITE
- MINE PHASE TONALITE
- QUARTZ EPIDOTE CHLORITE ALTERATION PHASE

MISCELLANEOUS SYMBOLS and ABBREVIATIONS

badly broken rock; fault gouge; ↑ increase; ↓ decrease; ( ) minor amount; (( )) very minor amount

altn = alteration; az = azurite; bo = bornite; brx = broken rock; bx = breccia; carb = carbonate; cc = chalcocite; chl = chlorite; chry = chrysocolla; cp = chalcopyrite; cup = cuprite; diss = disseminated; ep = epidote; gg = gouge; gr = garnet; gyp = gypsum; hem = hematite; lim = limonite; mag = magnetite; mal = malachite; MnO_2 = pyrolusite; Mo = molybdenite; mod = moderate; nat Cu = native copper; ND = non directional; pied = piedmontite; py = pyrite; qtz = quartz; rx = rock; saus = saussurite; ser = sericite; sph = sphalerite; str = strong; StWk = stockwork; tet = tetrahedrite; wk = weak

BOTTOM DEPTHS

ZONE	ESTIMATE	ACTUAL
LEACH CAP	—	—
LEACHABLE OX.	140'	150'
HY. ZONE	160'	160'
SUPERGENE	—	—

ROCK TYPES and ALTERATION	FOLIATION ANGLE & INTENSITY	Graphic Log Footage	STRUCTURE (veins) ANGLE TO CORE AXIS	STRUCTURE (veins) WIDTH	MINERALIZATION Decreasing Order of Abundance	ESTIMATE % PYRITE	REMARKS	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERY	R.Q.D.	SAMPLE NUMBER	% TCu	% ASCu	% CNSCu	% ASFe	% MoS_2	oz/ton Ag	ESTIMATED TOTAL Cu GRADE (%)
							CASING TO 12'											
CHLORITE DARKENED MINE PHASE TONALITE @ 12' to 307 The chl darkened Tonalite generally has a 'normal' appearance with plag + chl + qtz as the main	ND	20	10° 20°	1/2" 1/8"	ep-qtz-chl-(lim) qtz-chl-hem	<.5	- possible fault zone from 17' to 78', with several brx + gg section and mod to str hem staining throughout.	17	95	27	67801	<.01	<.01		1.70	.001		<.05?
assemblage. But the chl darkened Tonalite starts the hole strongly stained by hem + ank, giving the core a light brown to red appearance. There is also numerous ep stringers visible.	ND	30	20° 40° ?	1/4" 3/4" 2'	qtz-chl-hem ep-qtz-chl-hem gg w/ hem	<.5		27	75	20	67802	<.01	<.01		1.00	.001		<.05?
↓	ND	40	0° 70° 60°	1/8" 1/2" x2 fractures	qtz (vuggy)-chl-lim-hem ep-qtz-chl-hem lim-MnO_2-hem	<.5	- very few structures visible, in this interval.	37	60	37	67803	<.01	<.01		1.45	.001		<.03

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GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG Hole No. 95-24 Page 2 of 6

ROCK TYPES and ALTERATION	FOLIATION ANGLE & INTENSITY	GRAPHIC LOG Footage	STRUCTURE (veins) ANGLE TO CORE AXIS	STRUCTURE (veins) WIDTH	MINERALIZATION	ESTIMATE % PYRITE	BOTTOM DEPTHS / REMARKS	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERY	R.Q.D.	SAMPLE NUMBER	% TCu	% ASCu	% CHSCu	% ASFe	% MoS2	oz/ton Ag	ESTIMATED TOTAL Cu GRADE (%)
	ND		0°	fracture	hem-MnO2	<.5		47	96	63	67804	.01	.01		1.19	.001		<.03
			60°	3/4"	ep-qtz-chl													
			?	1½'	brx w/ lim-hem-MnO2													
		50	20° to 30°	1/4" to 1/2" x2	qtz-chl-lim-MnO2													
	ND		20°	1/2"	gg w/ carb-hem-lim	<.5		57	94	70	67805	.01	<.01		1.54	.001		<.03
			40° to 60°	1/4" to 1" x3	ep-qtz-chl-hem													
		60	40°	1/2"	ep-qtz-chl-hem													
	ND		?	1½'	brx w/ lim-hem-MnO2	<.5		67	93	30	67806	.01	.01		1.49	.001		<.03
			40°	1½"	ep-qtz-chl-lim													
			40°	1/8" x2	qtz-hem-lim													
		70	?	1'	brx + (gg) w/ lim-hem													
	ND		0°	hrln x3	qtz-lim-chl	<.5	- no evidence of any sulphides or Cu oxides yet.	77	88	33	67807	.02	.02		1.27	.001		<.02
		80	?	1½'	brx + gg w/ lim-hem-MnO2													
	ND to 70° mod		40°	1/4" to 1" x3	ep-qtz-chl-(lim)-(hem)	<.5		87	97	70	67808	.02	.02		1.09	<.001		<.03
			30°	1/2"	ep-qtz-chl													
		90	40° to 60°	fractures x4	hem-chl-lim													
	ND		70°	1/8" x2	ep-qtz-chl	<.5		97	98	33	67809	.02	.02		.94	.001		<.03
			20° to 40°	fractures x3	hem-lim-MnO2													
		100	?	3'	brx w/ lim-MnO2-hem													

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG

ROCK TYPES and ALTERATION	FOLIATION ANGLE & INTENSITY	GRAPHIC LOG Footage	STRUCTURE (veins) ANGLE TO CORE AXIS	STRUCTURE (veins) WIDTH	MINERALIZATION	ESTIMATE % PYRITE	BOTTOM DEPTHS (ZONE / ESTIMATE / ACTUAL: LEACH CAP, LEACHABLE OX., LM. ZONE, SUPERGENE) REMARKS	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERY	R.Q.D.	SAMPLE NUMBER	% TCu	% ASCu	% CNSCu	% ASFe	% MoS_2	oz/ton Ag	ESTIMATED TOTAL Cu GRADE (%)
	ND	110	40° ? 0° to 20°	brln x2 1½' ⅛" x2	qtz-lim-chl brx w/ lim-MnO_2-hem qtz (vuggy)-MnO_2-lim	<.5		107	90	43	67810	.04	.02		1.34	.001		<.03
	ND	120	? 0° 40°	1' fracture 4"	brx + gg w/ lim-hem MnO_2-(lim) ep-qtz-chl-ank	<.5		117	90	50	67811	.04	.03		1.36	<.001		<.03
	ND	130	10° 30° 70°	¼" 5" fractures x3	ep-qtz-chl gg w/ lim-MnO_2-hem MnO_2-hem-lim	<.5	- there is a 5" band of competant gg dipping at 30°, between 122' and 123'. This gg points to a fault possibley.	127	95	33	67812	.21	.12		1.57	.001		.05
	ND	140	40° 40° 0° 40°	⅛" ½" x2 fracture ¾"	qtz-chl-ep ep-qtz-chl MnO_2-lim-mal ep-qtz-chl-lim	<.5	- first appearance of mal at 135' to 136'.	137	99	43	67813	.07	.05		1.24	.001		.12
	ND	150	30° 40° 40° 30°	fracture ¼" fracture ⅛" x3	hem-lim-MnO_2 ep-qtz-chl lim-py-cp ep-qtz-chl	<.5		147	96	77	67814	.02	.02		1.08	.001		.05
↓	ND	160	20° 20° 40° 40°	fracture ¼" ⅛" to ½" x3 ⅛"	lim-hem qtz-lim-py-(cp) ep-qtz-chl qtz-chl-py-lim	<.5		157	99	73	67815	.02	.01		1.24	.001		.03

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG Hole No. 95-24 Page 4 of 6

ROCK TYPES and ALTERATION	FOLIATION ANGLE to CA / INTENSITY	GRAPHIC LOG Alteration Type / Footage / Structure	STRUCTURE (veins) ANGLE TO CORE AXIS	STRUCTURE (veins) WIDTH	MINERALIZATION	ESTIMATED % PYRITE	BOTTOM DEPTHS ZONE / ESTIMATE / ACTUAL: LEACH CAP; LEACHABLE OX; UM. ZONE; SUPERGENE — REMARKS	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERY	R.Q.D.	ASSAY RESULTS: SAMPLE NUMBER	% TCu	% ASCu	% CNSCu	% ASFe	% MoS_2	oz/ton Ag	ESTIMATED TOTAL Cu GRADE (%)
	10° to 40° mod	170	30° 40° 40° 20°	$\frac{1}{8}$" $\frac{1}{8}$" x 2 $\frac{1}{4}$" $\frac{1}{2}$"	cp-gtz-chl gtz-chl-py-(cp) gtz-chl-py-(cp) gtz(vuggy)-chl-py-cp	0.6		167	100	83	67816	.05	<.01		1.16	.001		.10
	ND	180	20° 20°to40° 40° ?	$\frac{1}{4}$ x 2 $\frac{1}{8}$" to $\frac{1}{4}$" x 2 brlm x 5 1$\frac{1}{2}$'	ep-gtz-pied-chl gtz-chl-cp-py gtz-chl-cp-py brx w/ep-py-cp-(hem)	0.6	- sharp increase in cp visible, coincides with an increase in chl+ep altn, for this interval	177	100	70	67817	.33	.01		1.76	.013		.30
	ND to 40° mod	190	40° 40° 70° 40°	$\frac{1}{4}$" x 2 $\frac{1}{4}$" 1" $\frac{1}{8}$" to $\frac{1}{4}$" x 3	ep-gtz-chl gtz-chl-py-(cp) ep-gtz-chl gtz-chl-py-cp	0.6		187	90	33	67818	.12	.01		1.62	.003		.09
	ND to 40° wk	200	40°to50° 50° 40°to50° 40°	brlm to $\frac{1}{4}$" x 4 $\frac{1}{8}$" x 3 $\frac{1}{4}$" x 2 $\frac{1}{8}$" to $\frac{3}{4}$" x 2	gtz-chl-cp-py ep-gtz-chl gtz-chl-py-cp ep-gtz-chl-(py)	0.6		197	95	60	67819	.41	.01		2.69	.004		.18
	ND to 40° wk	210	40° 40° 40° 70°	$\frac{1}{4}$" $\frac{1}{4}$" x 2 $\frac{1}{4}$" 5"	gtz-chl-ep-carb-cp gtz-chl-ser-cp-py gtz-chl-hem gtz-ep-chl	<.5	- most of the grade can be seen in the chl darkened regions of this interval.	207	99	90	67820	.22	<.01		1.25	.003		.17
	ND	220	40° 60° 40° 40°	brlm to $\frac{1}{8}$" x 3 $\frac{1}{8}$" $\frac{1}{2}$" $\frac{1}{2}$"	ep-gtz-chl ep-gtz-chl-py gtz-chl-(cp)-(py) ep-gtz-chl-py-(cp)	<.5	- wk hem staining from 210' to 214'.	217	100	80	67821	.10	.01		1.24	.008		.07

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG Hole No. 95-24 Page 5 of 6

ROCK TYPES and ALTERATION	Footage	STRUCTURE (value) ANGLE TO CORE AXIS	STRUCTURE (value) WIDTH	MINERALIZATION	ESTIMATE % PYRITE	BOTTOM DEPTHS (ZONE / LEACH CAP / LEACHABLE CAP / MIN. ZONE / SUPERGENE; GEOLOGIC; ASSAY) REMARKS	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERY	R.Q.D.	SAMPLE NUMBER	% TCu	% ASCu	% CNSCu	% ASEa	% MoS_2	oz/ton Ag	ESTIMATED TOTAL Cu GRADE (%)
ND to 40°mod	230	40°	1/2"	ep-gtz-chl	0.6		227	100	70	67822	.20	.01		1.80	.005		.10
		60°	1/8"	gtz-chl-cp-py													
		0°	fracture	---carb													
		40°	1/8" to 1/4" x 8	gtz-py-chl-Mo-cp													
ND to 40°wk	240	40°	hrln x 3	gtz-chl-cp-py	<.5		237	100	83	67823	.10	<.01		1.55	.003		.06
		40°	1/2"	ep-gtz-chl-(py)-(cp)													
		50°	1/4"	gtz-chl-py-cp													
		10°	fractures x 2	hem-carb													
ND to 70°wk	250	70°	1/2"	gg w/ hem-carb	<.5	- band of gg stained strongly with hem, dipping at 70°. between 241' to 242'.	247	98	63	67824	.09	.01		1.29	.006		.08
		80°	1/2"	ep-gtz-chl													
		40°	1/4"	gtz-chl-(py)-(cp)													
		40°	hrln x 3	gtz-chl-cp-Mo													
ND	260	40°	1/2"	py-gtz-chl	>.7		257	95	47	67825	.08	.01		2.33	.003		.05
		40°	2"	gtz-carb-chl													
		70°	1/8"	gtz-chl-cp													
		?	2'	brx w/ hem-(py)-(cp)													
ND to 45°wk	270	40°	1/4" to 1/2" x 2	gtz-ep-chl-py-(cp)	1.0	- fault zone from 267' to E.O.H., with several sections of brx + hem str to mod). There are also whole sections of gg from 299' to 303'.	267	90	37	67826	.15	.01		2.79	.007		.11
		40°	1 1/2"	gtz-chl-py-cp													
		60°	hrln x 2	gtz-chl-cp													
		?	2 1/2'	brx + gg w/ (py)-(cp)-hem													
ND	280	?	3 1/2'	brx + gg w/ hem-carb-(py)(cp)	0.7		277	85	37	67827	.12	<.01		2.43	.005		.10?
		20°	1/4"	gtz-carb-hem-chl													
		70°	1/4"	gtz-carb-hem													

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG

Hole No. 95-24

ROCK TYPES and ALTERATION	FOLIATION ANGLE & INTENSITY	GRAPHIC LOG Footage	STRUCTURE (veins) ANGLE TO CORE AXIS	STRUCTURE (veins) WIDTH	MINERALIZATION	ESTIMATE % PYRITE	BOTTOM DEPTHS / REMARKS	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERY	R.Q.D.	SAMPLE NUMBER	% TCu	% ASCu	% GNSCu	% ASFe	% MoS2	oz/ton Ag	ESTIMATED TOTAL Cu GRADE (%)
	MD	290	60° 50° ?	1/2" 1/4" 2'	qtz-chl-carb-hem ep-qtz-chl-hem brx + gg w/hem-carb-(py)-(cp)	<.5		287	95	[illegible]	67828	.04	.01		1.92	.004		.10?
	MD	300	40° 50° 50° ?	1/4" 1/4" 1/8" x 2 2'	qtz-carb-chl qtz-chl-cp-py qtz-carb-hem gg + brx w/carb-hem (py)	<.5		297	97	50	67829	.09	.01		1.93	.005		.11?
	MD		? 40°	3' hrln	gg w/carb-hem-(py) ep-qtz-chl	<.5		307	80	23	67830	.09	<.01		1.47	.004		.10?
					307' ★ E.O.H.													
					Dick Poon													

/home/gib1/rykmum/explor/log_sheet.dwg

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG Hole No. 95-25 Page No. 1 of 5

LOCATION POLLYANNA/GM CLAIMS	BEARING —	LATITUDE (N) 49483.81	CORE SIZE NQ	LOGGED BY ANDREW — STEWART	
DATE COLLARED June 5, 1995	LENGTH 304	LONGITUDE (E) 55825.42	SCALE OF LOG 1" = 10'	DATE 16/06/95	
DATE COMPLETED June 5, 1995	DIP -90°	ELEVATION 4180.22	REMARKS		

ROCK TYPES and ALTERATION SYMBOLS

MINE PHASE TONALITE; CHLORITE DARKENED MINE PHASE TONALITE; LEUCOCRATIC / QTZ SERICITE PHASE; QUARTZ SERICITE ALTERATION PHASE

MISCELLANEOUS SYMBOLS and ABBREVIATIONS

badly broken rock; fault gouge; ↑ increase; ↓ decrease; ( ) minor amount; (( )) very minor amount

altn = alteration	cp = chalcopyrite	mag = magnetite	qtz = quartz				
az = azurite	cup = cuprite	mal = malachite	rx = rock				
bo = bornite	diss = disseminated	MnO_2 = pyrolusite	sous = saussurite				
brx = broken rock	ep = epidote	Mo = molybdenite	ser = sericite				
bx = breccia	gg = gouge	mod = moderate	sph = sphalerite				
carb = carbonate	gr = garnet	nat Cu = native copper	str = strong				
cc = chalcocite	gyp = gypsum	ND = non directional	SlWk = stockwork				
chl = chlorite	hem = hematite	pied = piedmontite	tet = tetrahedrite				
chry = chrysocolla	lim = limonite	py = pyrite	wk = weak				

ROCK TYPES and ALTERATION	FOLIATION ANGLE & INTENSITY	GRAPHIC LOG: No. Type & Axis; Footage; Structure	STRUCTURE (veins) ANGLE TO CORE AXIS	STRUCTURE (veins) WIDTH	MINERALIZATION	ESTIMATE % PYRITE	BOTTOM DEPTHS: ZONE / ESTIMATE / ACTUAL; REMARKS	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERY	R.Q.D.	ASSAY RESULTS: SAMPLE NUMBER	% TCu	% ASCu	% CNSCu	% ASFe	% MoS_2	oz/ton Ag	ESTIMATED TOTAL Cu GRADE (%)
		50'					CASING TO 50'											
MINE PHASE TONALITE (50-304) PLAG-QTZ-CHL TYPICAL SAUS ALT, BLOTCHY CHL, PLAG PHENO'S	ND	60'	? 60° X 1	6" 2"	BRX-LIM-MnO_2 QTZ-CHL-LIM-(MnO_2)	<0.5		59'	73	10	67831	.04	.04		1.07	.002		0.04
	ND	70'	?-60° X 5 70° X 2 60° X 2	HRLN- ¼" 1-1½" 1-2"	LIM-QTZ-CHL-LIM SILICIFIED LEUCOCRATIC VEINS W/ QTZ-CHL-LIM-MnO_2	<0.5		69'	98	30	67832	.04	.04		1.24	.002		0.05
	ND	80'	70° X 1 ? 20-80° X 10	¾" 6" HRLN- ⅛"	QTZ-(CHL)-(LIM)-(MnO_2) BRX-LIM-MnO_2 CHL-QTZ-LIM-MnO_2	<0.5		77'	98	33	67833	.05	.04		1.69	.003		0.05

4/30

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) **DIAMOND DRILL LOG** Hole No. 95-25 Page 2 of 5

ROCK TYPES and ALTERATION	FOLIATION ANGLE & INTENSITY	GRAPHIC LOG Alfa / Beta / Footage / Structure	STRUCTURE (veins) ANGLE TO CORE AXIS	STRUCTURE (veins) WIDTH	MINERALIZATION	ESTIMATE % PYRITE	BOTTOM DEPTHS ZONE / ESTIMATE / ACTUAL: LEACH CAP, LEACHABLE OX., LIM. ZONE, SUPERGENE; REMARKS	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERY	R.Q.D.	SAMPLE NUMBER	ASSAY RESULTS: % TCu	% ASCu	% CNSCu	% ASFe	% MoS_2	oz/ton Ag	ESTIMATED TOTAL Cu GRADE (%)
	ND	90'	10-60°CA ?-30×5 60°X1 ?×5 50°X1	2°-1½" HRLN 4" HRLN ¾"	SER-QTZ-LIM LIM-MnO_2 BRX-SER-QTZ-LIM LIM-MnO_2 QTZ-CHL-LIM-(PY)	<0.5		87'	87	37	67834	.09	.05		1.69	.004		0.05
LPLAG PHENO'S 92-98	ND	100'	50-65°X5 50°X1 60°X1 50°X1 60°X3 60°X1 ?	HRLN 1" 1" HRLN 1" HRLN	LIM-MnO_2 QTZ-LIM-(CHL) BRX-SER-CHL-QTZ-LIM QTZ-CHL-LIM LIM-MnO_2 SER-CHL-QTZ-LIM BRX-LIM-MnO_2	<0.5		92'	100	60	67835	.04	.03		1.01	.002		0.04
↑ LIM STRIN IN CORE 99.5-105 BROKEN ZONE 102-105	ND	110'	30-60×10 ? 30-45×10	HRLN-⅛" 4' HRLN-⅛"	QTZ-LIM-CHL-MnO_2 BRX LIM-CHL-QTZ-MnO_2	<0.5		107'	100	33	67836	.06	.06		1.16	.002		0.05
	ND	120'	40°X3 30°X2 50°X1 25-40×5	HRLN HRLN ¼" HRLN-¼"	LIM-MnO_2 LIM-MnO_2-(HAL) QTZ-CHL-LIM QTZ-SER-LIM-CHL	<0.5		117'	99	30	67837	.10	.07		.90	.002		0.06
	ND	130'	65°X3 40-60°X2 ?×4 60°X2	HRLN-⅛" ⅛" HRLN HRLN	QTZ-CHL-LIM-MnO_2 QTZ-EPI-(CHL) LIM-(CPY)-(PY) QTZ-CHL-(CPY)-(PY)	<0.5	HAL/CHR WITHIN CORE 122-124, 126-127, 128-129	127'	97	73	67838	.10	.04		.79	<.001		0.08?
BROKEN ZONE 138-151	ND	140'	30°X2 30°X1 30°X3 45°X1 ?	⅛" ⅛" ¼" ½" 2'	QTZ-CHL-CHR-LIM-PY LIM-CHL-QTZ-PY QTZ-CHL- LIM BRX-LIM ON FRAC	<0.5	HAL/CHR WITHIN CORE 130.5-131	137'	96	53	67839	.16	.09		1.05	.002		0.06

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG Hole No. 95-25 Page 3 of 5

Bottom Depths: Zone	Estimate	Actual
Leach Cap		
Leachable Ox.	169	
Ox. Zone	198	
Supergene	184	

ROCK TYPES and ALTERATION	FOLIATION ANGLE & INTENSITY	GRAPHIC LOG Footage	STRUCTURES (veins) ANGLE TO CORE AXIS	STRUCTURES (veins) WIDTH	MINERALIZATION	ESTIMATE % PYRITE	REMARKS	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERY	R.Q.D.	SAMPLE NUMBER	% TCu	% ASCu	% CNSCu	% ASFe	% MoS2	oz/ton Ag	ESTIMATED TOTAL Cu GRADE (%)
HEM STAINING 140-157	ND	150'	? 60° ? ? ? ?	1' HRLN 1' 9" 1' 3'	BRX-QTZ-LIM-CHL QTZ-SER-CHL-(CPY-MAL)-(PY) BRX-LIM ON FRAC QTZ-(CHL)-((LIM)) BRX-LIM ON FRAC BRX-LIM ON FRAC-((MAL))	<0.5	MALACHITE!	147'	99	17	67840	.30	.12		1.46	.005		0.12
WEAK PHENO'S 155-164	ND	160'	45°x1 40°x5 40°x4	1/8" 1/8" 1/4-1/2"	QTZ-PY-LIM-CC-((MAL)) QTZ-CHL-CPY-PY QTZ-EPI-(((CUP)))-(((MAL)))	<0.5	MALACHITE!	157'	96	57	67841	.27	.03		1.13	.005		0.11
HEM STAINING 160-167	ND	170'	60°x1 30°x1 30°x1 40°x1 35°x4 45°x1	1" 1/2" 1/8" 1/3" 1/8"-HRLN 1/12"	QTZ-SER-PY-CC-CUP-CU-LIM QTZ-EPI QTZ-PY-CHL-LIM QTZ-CHL-(CPY)-(PY)-((CC)) QTZ-CHL-CPY-(PY)-((CC)) QTZ-CHL-PY-CC-LIM	<0.5	CUPRITE! CHALCOCITE! LIM-(CUP) ON FRAC 168-169 NATIVE COPPER!	167'	100	40	67842	.28	.05		1.05	.010		0.24?
	ND	180'	20°x1 30°x4 30°x1 40x3	1/10" 1/16" 1/8" 1/6"	QTZ-CHL-PY-CC-LIM QTZ-CHL-PY-CPY QTZ-CHL-PY-CC QTZ-CHL-PY-CPY	<0.5	CHALCOCITE!	177'	100	33	67843	.17	.02		1.32	.004		0.20
HEM STAIN 181-186, 188-189	ND	190'	40°x2 ? 40°x1 30°x3 ?	1/4" 1" 1/10" 1/10" 1"	QTZ-PY-CHL-CPY BRX QTZ-PY-CPY-CU-CC QTZ-CHL-CPY-(PY) BRX	<0.5	NATIVE CU-CHALCOCITE!	187'	95	43	67844	.18	.01		.98	.002		0.20
-	ND	200'	50°x2 30-60°x2 40°x2 40°x4 30°x1	1/10" 1/8-1/4" 1/10" 1/16-1/2" 1/2"	QTZ-CHL-((PY))-((CPY)) QTZ-PY-MO QTZ-CHL-SER-(PY) QTZ-CHL-(CPY)-(PY) QTZ-PY-(CHL)-(SER)	0.8		197'	100	50	67845	.09	.01		2.18	.016		0.1[illegible]

ROCK TYPES and ALTERATION	FOLIATION ANGLE & INTENSITY	GRAPHIC LOG Footage	STRUCTURE (veins) ANGLE TO CORE AXIS	STRUCTURE (veins) WIDTH	MINERALIZATION	ESTIMATE % PYRITE	BOTTOM DEPTHS / REMARKS	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERY	R.Q.D.	SAMPLE NUMBER	% TCu	% ASCu	% ONSCu	% ASFe	% MoS₂	oz/ton Ag	ESTIMATED TOTAL Cu GRADE (%)
	ND	210'	30°x2 50°x1 20-35°x5 80°x1	1/16" 3/4" 1/8" 1"	QTZ-CHL-((PY)) QTZ-((LIM)) QTZ-CPY-PY-(CPY) SER-CHL-PY-(MO?)	<0.5		207	120	50	67846	.10	<.01		1.04	.006		0.12
	ND	220'	50°x2 ? 50°x1 60°x2 30°x2 45x2	1/10" 1½ 3" 1/10" 1"-½" 1/8-¼"	QTZ-SER-PY-((CHL))-((CPY))-((CC)) BX QTZ-SER-(CHL)-((PY))-((CPY))-((CC)) QTZ-SER-PY-((CHL)) QTZ-CHL-((PY)) QTZ-CHL-SER-PY	<0.5	SOME LIM STAIN ON FRAC 212-214, 217.	217	90	40	67847	.10	<.01		1.25	.010		0.13
HEM STAINING 224.5-227	ND	230'	30-45°x3 40°x1 ?x1 40°x1 30°x2 30-40°x3	1/10-3/4" 1/8" ? 1/8" ¼-⅓" 1/10-1"	QTZ-PY-SER-CHL QTZ-CHL-CPY-(MO?) QTZ-(PY)-((MO)) BX SER-QTZ-PY-CHL-((LIM)) QTZ-CHL QTZ-SER-CHL-PY-(CPY)-((LIM))-((CC))	<0.5		227	97	47	67848	.14	<.01		1.17	.011		0.13
	ND	240'	60°x2 25°x1 30°x1 36°x1 35°x3	3/4"-1/10" ¼" 1/8" 3/4" 1/10-½"	QTZ-SER-CHL-PY-((CPY))-((MO?)) QTZ-CHL-CPY-PY-SER QTZ-SER-PY-CHL QTZ-PY-((MO))-((CPY))-((CC))-((LIM)) QTZ-PY-SER-(MO)-((CPY))	<0.5		237	99	33	67849	.08	<.01		1.23	.006		0.14
	ND	250'	20-40°x6 50°x3 40°x1 30-40°x3	1/8-1/10" ¼" 1/6" HRLN-1/6"	QTZ-CHL-PY-SER-CPY QTZ-CHL-PY-CPY-SER-((CC)) QTZ-PY-CHL-SER QTZ-CHL-MO-CPY-((PY))	<0.5		247	99	30	67850	.16	<.01		1.29	.028		0.14
HEM STAINING 252.5-267 FRAC, LPLAG PHENO'S, ±CHL, HEM STAINED M.F.T. 195-??		260'	25°x1 40°x4 40-60x3	1/5" HRLN-1" 1/10-½"	QTZ-PY-CHL-SER-MO-((LIM))-((CPY)) QTZ-PY-SER-CHL-(CPY) QTZ-CHL-PY-CPY-SER-MO	<0.5	LIM STAIN ON FRAC 267.	257	100	33	67851	.13	<.01		2.71	.012		0.13

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG Hole No. 95-25 Page 5 of 5

ROCK TYPES and ALTERATION	FOLIATION ANGLE & INTENSITY	GRAPHIC LOG Alteration	GRAPHIC LOG Footage	GRAPHIC LOG Structure	STRUCTURE (veins) ANGLE TO CORE AXIS	STRUCTURE (veins) WIDTH	MINERALIZATION	ESTIMATE % PYRITE	BOTTOM DEPTHS ZONE	BOTTOM DEPTHS ESTIMATE	BOTTOM DEPTHS ACTUAL	REMARKS	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERY	R.Q.D.	ASSAY RESULTS SAMPLE NUMBER	% TCu	% ASCu	% CNSCu	% ASFe	% MoS_2	oz/ton Ag	ESTIMATED TOTAL Cu GRADE (%)
LEUCOCRATIC / QTZ SER ALT PHASE 265-267	ND			50°x1	½"	QTZ-CHL-PY-SER-CPY	<0.5	LEACH CAP				267'	96	37	67852	.22	<.01		1.77	.018		0.07
QTZ SER ALT PHASE 267-268.5	60° MOD			20°x1	¼"	QTZ-PY-CHL		LEACHABLE OX.															
	ND		270'	?-45°x3	HRLN-⅛"	QTZ-MO-CPY		UM. ZONE															
				80°x1	1"	QTZ-(PY)-(CPY)-(MO)		SUPERGENE															
				45°x2	⅛"	QTZ-PY-SER-CHL																	
LPHG PHENO'S 278-279 HEM STAINING 279.5-296	ND		280'	35-40°x9	HRLN-⅛"	QTZ-CHL-PY-CPY	<0.5					277'	100	43	67853	.13	<.01		1.43	.013		0.10
				40°x1	⅛"	QTZ-PY-CHL-(CPY)-(MO)																	
				30-40°x7	HRLN-⅛"	QTZ-CHL-PY-((CPY))																	
				30°x1	⅛"	QTZ-PY-CHL																	
				40°x3	HRLN-½"	QTZ-CHL-PY																	
MET./QTZ-EPI ALT PHASE 281-289'				20°x1	⅛"	QTZ-CHL-PY																	
				45°x1	2"	QTZ-EPI (SUGAR RED)-((PY))-((CHL))																	
				30°x1	⅛"	QTZ-PY-CHL																	
FAULT ZONE 285-296 HEM STAINING 285-293	ND			40°x3	HRLN	CHL-QTZ-(PY)	<0.5	CARB IN CORE 285-293				287'	98	20	67854	.11	<.01		1.41	.003		0.11
				?	3'	BRX																	
			290'	60°x1	2½"	QTZ-CHL-CPY																	
CHL DARKENED MET 294-299	ND			?	5½'	BRX-((GAUGE))	<0.5					297'	95	20	67855	.30	<.01		1.53	.001		0.15
				50°x1	⅛"	QTZ-CHL-PY-SER-CPY																	
	60°WK		300'	60°x2	2"-1"	QTZ-EPI																	
				30°x1	⅓"	QTZ-PY-CHL																	
	ND		304'	70°x1	2¾"	QTZ-CPY-CHL-SER						304'	93	23									
				60°x3		QTZ-CHL-SER-(PY)-(CPY)																	
								E.O.H.															

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG Hole No. 95-26 Page No. 1 of 5

LOCATION POLLYANNA / GM CLAIMS	BEARING —	LATITUDE (N) 49698.87	CORE SIZE NQ	LOGGED BY M. – Rydman	
DATE COLLARED June 5, 1995	LENGTH 307'	LONGITUDE (E) 55889.08	SCALE OF LOG 1" = 10'	DATE June 16, 1995	
DATE COMPLETED June 6, 1995	DIP -90°	ELEVATION 4226.83	REMARKS		

ROCK TYPES and ALTERATION SYMBOLS

- MINE PHASE TONALITE
- CHLORITE DARKENED MINE PHASE TONALITE
- LEUCOCRATIC PHASE

MISCELLANEOUS SYMBOLS and ABBREVIATIONS

- badly broken rock
- fault gouge
- ↑ increase
- ↓ decrease
- ( ) minor amount
- (( )) very minor amount

altn = alteration	cp = chalcopyrite	mag = magnetite	qtz = quartz
az = azurite	cup = cuprite	mal = malachite	rx = rock
bo = bornite	diss = disseminated	MnO_2 = pyrolusite	saus = saussurite
brx = broken rock	ep = epidote	Mo = molybdenite	ser = sericite
bx = breccia	gg = gauge	mod = moderate	sph = sphalerite
carb = carbonate	gr = garnet	nat Cu = native copper	str = strong
cc = chalcocite	gyp = gypsum	ND = non directional	SiWk = stockwork
chl = chlorite	hem = hematite	pied = piedmontite	tet = tetrahedrite
chry = chrysocolla	lim = limonite	py = pyrite	wk = weak

BOTTOM DEPTHS

ZONE	ESTIMATE	ACTUAL
LEACH CAP	—	—
LEACHABLE OX.	140'	140'
LIM. ZONE	145'	145'
SUPERGENE	—	—

ROCK TYPES and ALTERATION	FOLIATION ANGLE & INTENSITY	GRAPHIC LOG Type & Min.	Footage	Structure	STRUCTURE (veins) ANGLE TO CORE AXIS	STRUCTURE (veins) WIDTH	MINERALIZATION	ESTIMATE % PYRITE	REMARKS	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERY	R.Q.D.	SAMPLE NUMBER	% TCu	% ASCu	% CNSCu	% ASFe	% MoS_2	oz/ton Ag	ESTIMATED TOTAL Cu GRADE (%)
							Note: missing the casing footage block.		From time report: CASING TO 40'											
CHLORITE DARKENED MINE PHASE TONALITE (45 – 70')	ND		50	b/a ? b/a ?		4' 2'	CASING TO 45'? brx-rubble-gg-lim brx-gg-lim	<0.5	↑ str lim stain	47	50	–	67861	.05	.03		3.00	.004		.03
• no saussurite alteration • quartz grains stained by hem	ND		60	b/a ? b/a b/a b/a ?		1' 5'	brx-gg-lim-MnO_2 brx-gg-lim-MnO_2	<0.5	lim-MnO_2 on fractures throughout interval	57	70	23	67862	.07	.04		1.95	.001		.03
	ND		70	b/a ?		4'	brx-lim-gg-MnO_2 } str MnO_2 inundating core	<0.5	lim-MnO_2 on fractures throughout interval	67	80	27	67863	.10	.07		1.64	.002		.03

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GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) **DIAMOND DRILL LOG** Hole No. 95-26 Page 2 of 5

ROCK TYPES and ALTERATION	FOLIATION ANGLE a / INTENSITY	GRAPHIC LOG Footage	STRUCTURE (veins) ANGLE TO CORE AXIS	STRUCTURE (veins) WIDTH	MINERALIZATION	ESTIMATE % PYRITE	BOTTOM DEPTHS ESTIMATE	BOTTOM DEPTHS ACTUAL	REMARKS	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERY	R.Q.D.	SAMPLE NUMBER	ASSAY RESULTS % TCu	% ASCu	% CNSCu	% ASFe	% MoS_2	oz/ton Ag	ESTIMATED TOTAL Cu GRADE (%)
QUARTZ EPIDOTE CHLORITE ALTERATION PHASE (70'-74.5')			3°	?	solid ep w/ qtz infilling		LEACH CAP													
	ND		4"	?	solid ep w/ qtz infilling	<0.5	LEACHABLE OX.		str lim-MnO_2 on fractures throughout interval		85									
MINE PHASE TONALITE (74.5'-231')					str-mod mal on fractures		LIM. ZONE			77		13	67864	.11	.09		1.22	.003		.12
• reduction in chlorite		80					SUPERGENE													
• mod sauss alt'n					str-mod mal on fractures				lim-MnO_2 on fractures throughout interval		85									
	ND	90				<0.5			lim staining qtz grains (85'-110')	87		40	67865	.06	.06		.84	.001		.15
					v. str lim stain				lim-MnO_2 on fractures throughout interval		90									
	ND	100				<0.5				97		40	67866	.11	.06		1.84	.004		.03
			(0-10)×3	(½"-½')×3	fractures of lim-MnO_2-(mal)						90									
	ND	110			←mod mal on fractures	<0.5			lim-MnO_2 on fractures throughout interval	102		20	67867	.15	.12		1.49	.002		.05
			40	¾¼"	qtz-chl-cp-mal-lim					107	95									
	ND				wk-mod mal on fractures throughout interval	0.5			lim-MnO_2 on fractures throughout interval			37	67868	.33	.12		1.21	.001		.22
		120	20	½"	qtz-(chl)-py-lim					117										
			10	½"	qtz-(chl)-py-lim				lim stain 120'-125'		95									
			30	¼"	chl-qtz-lim-py-cp															
	ND		30×4	½"×2+½"×2	chl-qtz-lim-py-(cp)	0.6			lim-MnO_2 on fractures throughout interval			57	67869	.07	.02		1.11	.014		.20
			20×2	½"×2	qtz-chl-py-cp-mal					127										
		130			←str mal on fractures															

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG Hole No. 95-26 Page 3 of 5

ROCK TYPES and ALTERATION	FOLIATION ANGLE to CORE AXIS / INTENSITY	GRAPHIC LOG	STRUCTURE (veins) ANGLE TO CORE AXIS	STRUCTURE (veins) WIDTH	MINERALIZATION	ESTIMATE % PYRITE	BOTTOM DEPTHS: ZONE / ESTIMATE / ACTUAL	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERY	R.Q.D.	ASSAY RESULTS: SAMPLE NUMBER	% TCu	% ASCu	% CNSCu	% ASFe	% MoS_2	oz/ton Ag	ESTIMATED TOTAL Cu GRADE (%)
							BOTTOM DEPTHS: LEACH CAP / LEACHABLE CAP / TRANS. ZONE / SUPERGENE												
							REMARKS											
	ND		60	6"	leucocratic phase w/ sharp contacts		mal-(cup) on fractures throughout interval		90									
			30×4	¼"×4	qtz-chl-cp-py-(Mo) ← cup w/mal on fractures	0.5				23	67870	.33	.16		1.11	.005		.35
		140	?	3½"	brx→lim-mal-cup-(gg)		lim on fractures throughout interval	137										
	ND		20-60	⅛"-½"	← nat Cu on fracture numerous qtz-chl-py-cp-(Mo) veins throughout interval	0.8	lim on fractures 140'-145'		90	40	67871	.43	.03		1.20	.020		.38
		150						147										
	ND		40×2	⅛"×2	qtz-chl-py-cp				95									
			10×2	½"×2	qtz-chl-py-(cp)													
			60	⅛"	cp-(qtz)													
			30×2	⅛"-¼"	qtz-chl-py-(cp)	0.7				37	67872	.38	.01		1.34	.013		.22
		160	30-50	hrln-⅛"	several qtz-chl-py-(cp) veins			157										
	ND		30×6	⅛"×6	qtz-chl-py-cp				95									
			30×2	⅔"	cp-(qtz)													
			30×8	⅛"×6	qtz-chl-py-cp-Mo	0.8				53	67873	.51	.01		1.10	.008		.35
			30	½"	qtz-chl-cp-Mo													
		170	30×6	⅛"×5+½"	qtz-chl-cp-py-Mo			167										
	ND		30×6	½"×2+⅛"×4	qtz-chl-cp-py-Mo				95									
			30×4	⅛"×4	qtz-chl-cp-py-(Mo)	0.6				30	67874	.42	.01		1.44	.010		.28
		180			} py(cp) diss & hrln veinlets			177										
	ND		(0-20)×2	⅛"×2	qtz-chl-py-cp-(Mo)				95									
			?	1"	brx-gg													
			20	1"	qtz-cp-py-Mo	0.8				27	67875	.47	.01		1.52	.059		.30
		190	20	½"	qtz-(chl)-py-cp-(Mo)			187										
			60	⅛"	qtz-chl-py-cp													

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG Hole No. 95-26 Page 4 of 5

ROCK TYPES and ALTERATION	FOLIATION ANGLE & INTENSITY	GRAPHIC LOG Alpha / Type / Footage / Structure	STRUCTURE (veins) ANGLE TO CORE AXIS	STRUCTURE (veins) WIDTH	MINERALIZATION	ESTIMATE % PYRITE	BOTTOM DEPTHS: ZONE / ESTIMATE / ACTUAL (LEACH CAP, LEACHABLE OX., UM. ZONE, SUPERGENE)	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERY	R.Q.D.	ASSAY RESULTS: SAMPLE NUMBER	% TCu	% ASCu	% CNSCu	% ASFe	% MoS_2	oz/ton Ag	ESTIMATED TOTAL Cu GRADE (%)
	ND	200	40 ? 0-10 70	3/8" 3" 1/8 1 1/2"	qtz-(chl) gg-(hem) qtz-chl-py-cp } py-cp diss & hrln veinlets qtz-ep	0.5	REMARKS: hem stain 191.5'-194.5'	197	95	57	67876	.25	<.01		1.15	.005		.18
	ND	210	20 0 40x7 40x2 ?	1/2" 1/8" 1/16"x7 1/8"x2 3'	qtz-cp-py-Mo qtz-(chl)-ep-py qtz-chl-cp-py qtz-chl-cp-(py) brx-(hem)-(gg)	0.5		207	99	43	67877	.49	.01		1.29	.014		.28
209'-231' • increase in qtz content and a decrease in chl content • still resembles MINE PHASE TONALITE, without saussurite, and too much chl to be considered LEUCOCRATIC PHASE.	ND	220	0-20 ?	1/16"-1/4" 7'	qtz-Mo-(cp) stringers brx-(hem)-((py))	<0.5		217	80	17	67878	.17	<.01		.60	.034		.06
	ND	230	30 ?	1/16" 10'	qtz-Mo-(cp)-(hem) brx-gg-(hem) w/ a couple cp-Mo veinlets	<0.5		227	85	7	67879	.14	<.01		.59	.010		.08
CHL DARKENED MINE PHASE TONALITE (231'-271.5') • large increase in chl content • no saussuritization	ND	240	?	2'	brx w/ diss & hrln veinlets of cp-py-(Mo) } diss py (cp)	0.5	← wk ep alt'n	237	85	33	67880	.31	.01		1.88	.007		.12
	ND	250	80 40 ?	1" 1 1/2" 1'	} diss cp-py qtz-carb-chl-cp qtz-carb-chl brx-(hem) } diss py (cp)	0.5	} wk hem stain	247	95	27	67881	.31	<.01		1.73	.014		.15

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG Hole No. 95-26 Page 5 of 5

ROCK TYPES and ALTERATION	FOLIATION ANGLE & INTENSITY	GRAPHIC LOG Footage	STRUCTURE (veins) ANGLE TO CORE AXIS	STRUCTURE (veins) WIDTH	MINERALIZATION	ESTIMATE % PYRITE	BOTTOM DEPTHS ZONE / ESTIMATE / ACTUAL: LEACH CAP; LEACHABLE CAP; UNL. ZONE; SUPERGENE	REMARKS	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERY	R.Q.D.	ASSAY RESULTS: SAMPLE NUMBER	% TCu	% ASCu	% CNSCu	% ASFe	% MoS_2	oz/ton Ag	ESTIMATED TOTAL Cu GRADE (%)
	ND	260	? 20×4 ?	2' ¼"×2 3'	brx-hem-(gg)-(cp) qtz-chl-cp-py-(Mo) } diss py-cp brx-(gg)-(cp)-(py)	0.5		wk hem stain 250'–278.5'	257	90	10	67882	.49	.01		1.78	.013		.20
	ND	270	? 20×2	3' ¼"×2	brx-gg-(hem)-((py)) qtz-chl-cp-py	<0.5			267	90	17	67883	.30	<.01		1.34	.003		.10
	ND	280	40×2 20×3 0–20 20 40×4	⅛"×2 ⅛"×2+⅛" ¼" ⅓" 1/10"×4	qtz-chl-cp-py qtz-chl-cp-py numerous qtz-chl-py-cp stringers qtz-py-(cp) qtz-cp-Mo-(py)	0.8			277	95	57	67884	.41	.01		1.41	.021		.22
LEUCOCRATIC PHASE (278.5'– 307') • not quite the typical LEUCOCRATIC PHASE, slightly more chl content occuring as veinlets with sulphides • qtz-feldspar porphyry	ND	290	? 50×3 50 40 30+20×2	8" ¼"×3 ⅓" 1" ¼"+⅛"×2	gg w/ large py((cp)) vein qtz-py-Mo-(cp) qtz-cp qtz-(chl)-(cp) qtz-cp-(Mo)	1.0	} hem stain		287	95	17	67885	.31	<.01		1.37	.012		.16
	ND	300	10–60 30	hrln-1/10" ¼"	numerous chl-cp-py stringers qtz-py-((cp))	0.7			297	95	53	67886	.27	<.01		.54	.018		.10
	ND	307	20×2 60×2	1/16"×2 1"	chl-py-(cp) qtz-ser-cp-Mo-(py)	<0.5			307	95	—	67887	.19	<.01		.49	.019		.12
								E.O.H. 307'											

Murray Rydman

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG

Hole No. 95-27 Page No. 1 of 5

LOCATION Pollyanna / GM Claims	BEARING —	LATITUDE (N) 49461.67	CORE SIZE NQ
LOGGED BY Dick Penn	DATE COLLARED June 6, 1995	LENGTH 307'	LONGITUDE (E) 56082.34
SCALE OF LOG 1" = 10'	DATE June 20, 1995	DATE COMPLETED June 6, 1995	DIP -90°
ELEVATION 4195.415	REMARKS		

ROCK TYPES and ALTERATION SYMBOLS

- MINE PHASE TONALITE
- QUARTZ SERICITE CHLORITE PYRITE CHALCOPYRITE ALTERATION PHASE
- CHLORITE DARKENED MINE PHASE TONALITE
- QUARTZ EPIDOTE CHLORITE ALTERATION PHASE

MISCELLANEOUS SYMBOLS and ABBREVIATIONS

badly broken rock; fault gouge; ↑ increase; ↓ decrease; ( ) minor amount; (( )) very minor amount

altn = alteration; az = azurite; bo = bornite; brx = broken rock; bx = breccia; carb = carbonate; cc = chalcocite; chl = chlorite; chry = chrysocolla; cp = chalcopyrite; cup = cuprite; diss = disseminated; ep = epidote; gg = gouge; gr = garnet; gyp = gypsum; hem = hematite; lim = limonite; mag = magnetite; mal = malachite; MnO_2 = pyrolusite; Mo = molybdenite; mod = moderate; nat Cu = native copper; ND = non directional; pied = piedmontite; py = pyrite; qtz = quartz; rx = rock; saus = saussurite; ser = sericite; sph = sphalerite; str = strong; SiWk = stockwork; tet = tetrahedrite; wk = weak

BOTTOM DEPTHS

ZONE	ESTIMATE	ACTUAL
LEACH CAP	—	—
LEACHABLE OX.	—	90'
UM. ZONE	100'	100'
SUPERGENE	190'	190'

ROCK TYPES and ALTERATION	FOLIATION ANGLE & INTENSITY	GRAPHIC LOG Footage	STRUCTURE (veins) ANGLE TO CORE AXIS	STRUCTURE (veins) WIDTH	MINERALIZATION Decreasing Order of Abundance →	ESTIMATE % PYRITE	REMARKS	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERY	R.Q.D.	SAMPLE NUMBER	% TCu	% ASCu	% CNSCu	% ASFe	% MoS_2	oz/ton Ag	ESTIMATED TOTAL Cu GRADE (%)
					From time report: CASING TO 42'		x missing casing block but [illegible] over brx the casing ~45'											
MINE PHASE TONALITE: 45' to 284' The Tonalite in this hole has a "normal" appearance, [illegible]	ND	50	? 40°	3' ⅛" x 2	brx + gg w/ lim - MnO_2 qtz-chl-lim	<.5	CASING TO 45'? - from examining the brx + gg it appears the ovb goes down to 48' since large fragments	47	50	33	67891	.03	.01		1.54	.008		<.03
respect to its plag + qtz + chl main assemblage. However the Tonalite starts off with mod-str lim altn giving the core an orange tint, down to 90'	ND	60	40° ? 50° 40°	hrln x 3 10" 1" ¼"	qtz-lim-chl brx w/ lim - MnO_2 ep-qtz-chl qtz(vuggy)-chl-py-cp-(cc)?	<.5	of Tonalite are entrained in the gg resembling till. ie [sketch: qtz gg / fragment of Tonalite]	57	90	37	67892	.06	.03		2.02	.004		.04
↓	ND	70	40° 30° 10° 40°	¼" 1½" fracture 1" to 3" x 2	ep-qtz-chl-hem qtz-lim-MnO_2 lim-MnO_2 qtz-chl-lim	<.5		67	97	60	67893	.02	.01		1.22	.001		<.03

445

480

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ROCK TYPES and ALTERATION	FOLIATION ANGLE & INTENSITY	GRAPHIC LOG Footage	STRUCTURE (veins) ANGLE TO CORE AXIS	STRUCTURE (veins) WIDTH	MINERALIZATION	ESTIMATE % PYRITE	REMARKS	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERY	R.Q.D.	SAMPLE NUMBER	% TCu	% ASCu	% CNSCu	% ASFe	% MoS_2	oz/ton Ag	ESTIMATED TOTAL Cu GRADE (%)
	WL	80	80° 70° 20° 0°	3" $\frac{1}{5}$" to 1"×2 $\frac{1}{8}$" fracture	qtz-ep-chl-lim ep-qtz-chl-lim qtz-chl-py-(cp) lim-MnO_2	0.6		77	96	70	67594	.03	.01		1.07	.001		.03
- the core from 85' to 87' has a vuggy or 'pitted' appearance.	WL	90	30° to 50° 50° ? 40°	hrln to $\frac{1}{4}$" 2$\frac{1}{2}$" 9" $\frac{3}{4}$"	qtz-lim-py-chl ep-qtz-chl-lim 95 w/ lim-(py)-(cc) ep-qtz-chl	<.5	- there is minor diss blebs of mal-cup dispersed in the chl darkened sections of this interval.	87	95	77	67595	.05	.04		1.51	.001		.08
	ND	100	30° ? 20° ?	fracture 1' $\frac{1}{4}$" 1$\frac{1}{2}$'	chl-lim-cc-py brx w/ lim-(py)-(cc) qtz(vuggy)-chl-py-cc brx+(gg) w/ hem-[illegible]	0.6	- sudden increase in sulphides and cc visible throughout the interval.	97	93	37	67596	.17	.05		1.85	.003		.40
- Epidote Quartz Chlorite altn phase from 100' to 110', with sections of the core pure ep almost. The ep interval has several qtz+py±cp±cc cross-cutting veins.	ND	110	30° to 40° 20° 40 30°	hrln to $\frac{1}{8}$" 1$\frac{1}{2}$" $\frac{1}{2}$" to 3"×2 $\frac{1}{4}$"	qtz-chl-py-(cc) qtz-(chl) qtz-py-(cc)-((cp)) qtz-py-chl-cc-cp	2.0	- minor contamination of this interval from the previous interval oy cc-rich debris [illegible]	107	94	63	[illegible]	.05	.01		1.70	<.001		.28
	ND	120	20° 40° 40° 0° 40°	$\frac{1}{4}$" 1$\frac{1}{2}$" fracture $\frac{1}{2}$" $\frac{1}{8}$"×3	qtz-chl-py-(cp) ep-qtz-chl chl-py-cc? qtz-chl-py ep-qtz-chl-hem	0.7		117	100	73	67898	.04	.01		1.64	.002		.10
- minor ser altn visible in some veins.	ND	130	0° 40° 0° 30°	$\frac{1}{8}$" $\frac{1}{2}$" 1" $\frac{1}{4}$"×2	qtz-chl-py-(cp) ep-qtz-chl qtz-chl-ser-py-cp-(cc) qtz-chl-py-cp	2.0		127	99	67	67899	.16	<.01		2.09	.005		.20

BOTTOM DEPTHS

ZONE	ESTIMATE	ACTUAL
LEACH CAP		
LEACHABLE OX.		
MIX. ZONE		
SUPERGENE		

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG

Hole No. 95-97 Page 3 of 5

ROCK TYPES and ALTERATION	FOLIATION ANGLE & INTENSITY	GRAPHIC LOG Footage	STRUCTURE (veins) ANGLE TO CORE AXIS	STRUCTURE (veins) WIDTH	MINERALIZATION	ESTIMATE % PYRITE	BOTTOM DEPTHS / REMARKS	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERY	R.Q.D.	SAMPLE NUMBER	% TCu	% ASCu	% CNSCu	% ASFe	% MoS_2	oz/ton Ag	ESTIMATED TOTAL Cu GRADE (%)
	[illegible]	140	20° 0° to 20° [illegible] [illegible]	1¼" ¼" x 3 ½" ¼"	qtz-chl-ser-py-(cp) qtz-chl-ser-py-cp-(Mo) qtz-chl-ser-py-cp-(cc) qtz-chl-ser-py-cc-cp	3.0	- more sooty, dark grey, dull lustre cc coating v.f.g. grains of py.	137	90	23	67900	.36	.01		2.60	.017		.42
	ND	150	30° 40° 10° to 40° 40°	¼" ¾" ⅛" to ¼" x 4 ½" x 3	qtz-chl-cp-py-Mo ep-qtz-chl-hem qtz-chl-ser-py-cp qtz-chl-cp-py	1.5		147	99	73	67901	.24	.01		2.81	.011		.25
	ND	160	20° to 30° 30° to 40° 40° 40°	½" x 2 ¼" x 2 ⅛" to ¼" x 2 6"	qtz-chl-ser-py-cp ep-qtz-chl qtz-chl-py-cp qtz-chl-ser-py-cp	1.5		157	100	80	67902	.19	<.01		2.33	.005		.20
	ND	170	40° ? 40° 0°	hrln to ⅛" x 2 1½' 1½" ¾"	qtz-chl-ser-cp-py-Mo brx w/ (hem)-(cp)-(py) qtz-chl-ser-cp-(py) qtz-chl-ser-cp-py-mag	1.0	- wk to mod hem staining from 160' to 207' - the py to cp ratio is noticeably >50% for the first time in the hole.	167	95	53	67903	.65	.01		2.10	.017		.50
	ND	180	? 10° to 40° 0° 30°	1" ⅛" to ¼" x 4 ⅛" ¾"	brx w/ ser-(cp)-(py)-(Mo) qtz-chl-cp-(py) qtz-chl-cp qtz-py-chl-cp-(cc)	1.5		177	93	53	67904	.46	.01		2.86	.047		.29
	ND	190	40° 10° 0° to 20° 10° to 40°	¼" 1½" hrln to ⅛" x 3 1" x 2	qtz-chl-ser-py-cp-(cc) qtz-chl-ser-py-(cp)-(cc) qtz-chl-py-cp ep-qtz-chl-hem	2.0		187	95	57	67905	.12	.01		2.00	.004		.17

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG

Hole No. 95-27 Page 4 of 5

ROCK TYPES and ALTERATION	FOLIATION ANGLE & INTENSITY	GRAPHIC LOG Footage	STRUCTURE (veins) ANGLE TO CORE AXIS	STRUCTURE (veins) WIDTH	MINERALIZATION	ESTIMATE % PYRITE	BOTTOM DEPTHS (ZONE / ESTIMATE / ACTUAL: LEACH CAP, LEACHABLE OX., LM. ZONE, SUPERGENE) REMARKS	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERY	R.Q.D.	SAMPLE NUMBER	% TCu	% ASCu	% CNSCu	% ASFe	% MoS_2	oz/ton Ag	ESTIMATED TOTAL Cu GRADE (%)
	ND	200	30° 40° 40° 40° to 50° 40°	1/8" x 2 1/4" to 1/2" x 3 1/2" to 1" x 2 1/4" to 1/2" x 2 1/4"	qtz-chl-py-cp qtz-chl-ser-py-cp qtz-chl-ser-cp-py cp-qtz-chl-hem qtz-chl-ser-cp-py	1.0	- there is abundant py with pervasive cp peppered throughout the py matrix.	197	[illegible]	57	67906	.35	.01		1.69	.018		.62
	ND	210	30° to 40° 20° to 40° 40° 10° to 30°	1/8" to 1/4" x 2 1/4" x 2 hrln x 3 1/2" to 1" x 2	cp-qtz-chl-hem qtz-chl-cp-py qtz-chl-py-cp qtz-chl-ser-cp-py-Mo	1.0		207	100	90	67907	.34	.01		1.75	.021		.60
	ND	220	20° to 30° 0° to 10° 0° to 40° 40°	1/8" x 2 1/2" x 2 1/8" x 6 3"	qtz-chl-py-cp qtz-chl-ser-py-cp-Mo qtz-chl-cp-py qtz-chl-ser-py-(cp)-(Mo)	1.0		217	100	80	67908	.58	.01		2.04	.038		.62
	ND	230	40° 40° 30° to 40° 20°	3/4" x 2 hrln to 1/4" x 9 1/8" to 1/2" x 6 hrln x 3	ep-qtz-chl-cp-Mo qtz-chl-ser-py-cp qtz-chl-ser-cp-py qtz-chl-cp	0.8		227	100	77	67909	.27	<.01		1.28	.005		.32
	ND	240	0° 10° to 30° 40° 50°	1/8" 1/16" to 1/4" x 4 3/4" 1/2" to 3/4" x 2	qtz-chl-py-cp qtz-chl-py-cp qtz-chl-ser-py-cp ep-qtz-chl	0.6	- mod to str hem staining from 239' to 250'.	237	100	83	67910	.22	<.01		1.34	.003		.20
	ND	250	10° } ? 40°	1/2" 2' hrln x 2	qtz-carb-hem brx w/ hem-(py)-(cp) qtz-chl-py	<.5		247	90	23	67911	.25	<.01		1.96	.004		.10?

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GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG Hole No. 95-27 Page 5 of 5

ROCK TYPES and ALTERATION	FOLIATION ANGLE and INTENSITY	GRAPHIC LOG Footage	STRUCTURE (veins) ANGLE TO CORE AXIS	STRUCTURE (veins) WIDTH	MINERALIZATION	ESTIMATE % PYRITE	BOTTOM DEPTHS / REMARKS	FOOTAGE BLOCKS	ESTIMATED CORE RECOVERY	R.Q.D.	SAMPLE NUMBER	% TCu	% ASCu	% CHSCu	% ASFe	% MoS2	oz/ton Ag	ESTIMATED TOTAL Cu GRADE (%)
	ND	260	20° to 30° 40° 30° 30°	1/8" to 1/4" hrln to 1/2" 1/2" x2 1/8" to 1/2" x2	qtz-chl-py-cp qtz-chl-cp-py qtz-chl-py-(cp) qtz-chl-py-[illegible]-cp	1.5		257	97	77	67912	.24	<.01		2.14	.002		.26
	ND	270	40° 20° 40° 40°	1/4" to 1/2" x3 1/2" 11" 1/4"	qtz-chl-ser-py-cp qtz-chl-ser-py-(cp) qtz-chl-ser-(cp)-(py) qtz-chl-ser-py-cp	1.5		267	99	77	67913	.15	<.01		2.01	.004		.37
	ND	280	30° to 40° 20° to 40° 30° 20°	1/8" to 1/4" x4 1/8" x3 2" 1/8" to 3/4" x4	qtz-chl-py-cp qtz-chl-(cp)-(py) ep-qtz-chl qtz-chl-ser-cp-(py)	<.5	- the bulk of the grade for this interval can be seen between 278' to 280'	277	98	87	67914	.44	<.01		1.18	.012		.32
QUARTZ SERICITE CHLORITE PYRITE CHALCOPYRITE ALTERATION PHASES 284' to E.O.H. The plag in the Tonalite has undergone extensive altn to ser, which created this Qtz-Ser-Chl unit. There are small sections	ND	290	30° 0° 0° 10°	6" 1' 1/8" 3'	qtz-chl-ser-cp-py qtz-chl-ser-py-cp qtz-chl-ser-cp qtz-ser-chl-(py)-((cp))	2.0		287	98	57	67915	.39	<.01		2.52	.021		.35
of Tonalite unaltered by ser that contrast sharply with the surrounding Qtz-Ser-Chl. The contact between these two rock types tends to be sharp. There is an abundance of diss py+cp in this Qtz-	ND	300	10° 10°	1/2" 9'	qtz-chl-ser-cp-py qtz-ser-chl-py-cp-Mo	4.0		297	100	73	67916	.62	.01		2.58	.029		1.06
ser-chl as well as large veins of py+cp	ND		10° to 40°	7'	qtz-ser-chl-(py)-(cp)	2.0		307	98	67	67917	.21	<.01		1.61	.003		.30
					307' ☆ E.O.H													

Dick Poon

APPENDIX C : ASSAY PROCEDURES

All core was bucked and assayed at the Gibraltar Mines Limited laboratory facilities. The core was sampled in 3.05 m (10 feet) sections (core was not split). Each sample was crushed and passed through a Jones Splitter to produce a small representative sample for pulverizing to 100 mesh. The pulverized material was used for assaying then stored as a "pulp" sample for an indefinite period of time. The splitter reject material was bagged and stored until assaying was completed then the "waste" rejects were discarded and the "high grade" rejects were stored at the mine for approximately one year.

The following assay procedures were applied to the samples:

Acid Soluble Copper

Acid soluble copper analysis (oxide copper minerals) is carried out on 1 g samples dissolved in 50 ml of 30% H_2SO_4 for 90 minutes at room temperature, agitating regularly. The remaining solution was then bulked to 200 ml with H_2O. A portion of filtered solution was then assayed using standard atomic adsorption techniques.

Total Copper

Total copper analysis was carried out on 2 g samples dissolved in 15 ml of HNO_3 and digested until fumes were expelled. 20 ml of HCl was then added, with the sample digesting for a further five minutes. This solution was then bulked to 200 ml with H_2O. A portion of filtered solution was then assayed using standard atomic adsorption techniques.

Acid Soluble Iron

Acid soluble iron analysis was done on 1 g samples dissolved in 15 ml of HNO_3. The sample was then boiled until fuming was finished, with an additional 20 ml of HCl being added and boiled until fuming was complete. The remaining solution was then bulked to 200 ml with H_2O. A portion of filtered solution was then assayed using standard atomic adsorption techniques.

Molybdenum Sulfide

MoS_2 analysis was carried out on 2 g samples dissolved in 15 ml of a $KCLO_3$ saturated HNO_3 and boiled until fuming was complete. 20 ml of HCl was then added, with digesting occurring for a further five minutes. $AlCl_3$ was added to bring the solution to excess of 1000 ppm Al. The remaining solution was then bulked to 200 ml with H_2O. A portion of filtered solution was then assayed using standard atomic adsorption techniques.

APPENDIX D : ASSAY CERTIFICATES

Form. No. Mill - 1

95-15

GIBRALTAR MINES LIMITED

ASSAY CERTIFICATE

XPLORATION

Date ..... 7 JUNE 19 95

Sample No.	% Ox. Cu.	Total Cu.	% MoS_2	A.S. Fe		
67539	<.01	.07	.003	1.04		
40	<.01	.05	.001	1.19		
41	<.01	.03	.002	0.94		
42	<.01	.15	.004	1.34		
43	<.01	.06	.001	1.08		
44	<.01	.15	.001	0.93		
						95-15
67551	.02	.03	<.001	1.66		
52	.04	.06	.002	2.02		
53	.06	.08	.002	2.16		
54	.09	.16	.004	2.46		
55	.08	.11	.002	1.85		
56	.05	.06	.002	1.64		
57	.06	.07	.002	1.87		
58	.05	.06	.001	1.15		
59	.05	.06	.001	1.34		
60	.04	.06	.001	0.67		
61	.04	.04	.001	1.03		
62	.04	.05	.001	1.14		
63	.05	.06	.001	1.35		
64	.03	.04	.001	1.09		
65	.06	.09	.001	1.03		
66	.08	.13	<.001	1.24		
67	.02	.03	<.001	0.95		
68	.01	.13	.002	1.22		
69	.01	.09	.002	1.29		
70	.01	.10	.007	1.15		
71	.01	.08	.002	1.20		
72	<.01	.07	.002	1.18		

cc: Assay Lab.

Assayer D. A. W.

95-15

orm. No. Mill - 1

GIBRALTAR MINES LIMITED

ASSAY CERTIFICATE

XPLORATION

Date June 08 19 95

Sample No.	% Cx. Cu.	Total Cu.	% MoS_2	A.S. Fe		95-15
67573	<.01	.07	.002	1.70		
74	<.01	.13	.006	2.08		
75	.01	.18	.005	2.29		
76	<.01	.12	.004	2.54		
77	<.01	.11	.003	2.73		
78	<.01	.15	.006	6.40		
79	.01	.34	.021	2.61		
67601	.01	.02	<.001	.91		
02	.01	.10	<.001	1.38		
03	<.01	.06	.001	1.71		
04	<.01	.02	<.001	1.02		
05	<.01	.05	.001	1.40		
06	<.01	.04	.001	1.40		
07	<.01	.17	<.001	2.08		
08	<.01	.03	.001	2.11		
09	<.01	.06	.001	2.16		
10	<.02	.63	.008	3.19		
11	<.01	.17	.009	3.76		
12	<.01	.20	.004	2.00		
13	<.01	.06	.002	.92		
14	<.01	.08	.001	1.22		
15	<.01	.09	.003	1.31		
16	<.01	.18	.015	1.51		
17	<.01	.16	.008	1.52		
18	<.01	.14	.008	1.78		
19	<.01	.19	.005	1.11		
20	<.01	.20	.015	20.6		
21	<.01	.40	.010	1.47		

cc: Assay Lab.

AA

orm. No. Mill - 1

95-15

GIBRALTAR MINES LIMITED

ASSAY CERTIFICATE

EXPLORATION

Date June 10 19 95

Sample No.	% Ox. Cu.	Total Cu.	% MoS₂	A.S. Fe		
67622	<.01	.26	.010	1.57		
23	<.01	.20	.004	1.32		
24	<.01	.11	.001	1.32		
25	<.01	.05	.002	1.06		
26	<.01	.06	.001	1.43		
27	<.01	.07	.002	1.41		
28	<.01	.04	.001	.90		
29	<.01	.04	.001	1.03		
30	<.01	.03	.001	1.28		
31	<.01	.08	.004	1.17		
						95-15
67580	<.01	.18	.012	3.02		
81	<.01	.50	.021	2.75		
82	<.01	.39	.011	3.14		
83	<.01	.23	.006	3.28		
84	<.01	.58	.066	5.55		
85	<.01	.33	.021	1.77		
86	<.01	.37	.009	1.73		
87	<.01	.54	.113	1.90		
88	<.01	.22	.010	2.16		
67651	.04	.20	.002	3.04		
52	.14	.29	.002	2.76		
53	.03	.24	.003	3.80		
54	<.01	.08	.003	2.20		
55	<.01	.10	.004	2.70		
56	<.01	.09	.002	1.90		
57	<.01	.10	.004	1.91		
58	<.01	.15	.010	1.99		
59	<.01	.24	.007	2.30		

cc: Assay Lab.

JJ

Assayer

Form No. Mill - 1

95-15

GIBRALTAR MINES LIMITED

ASSAY CERTIFICATE

EXPLORATION

Date June 13 19 95

Sample No.	% Ox. Cu.	Total Cu.	% MoS_2	A.S. Fe.		
67660	<.01	.25	.019	2.10		
61	<.01	.21	.003	2.04		
62	<.01	.30	.013	1.90		
63	<.01	.56	.019	1.75		
64	<.01	.36	.024	1.41		
65	<.01	.46	.022	2.14		
66	<.01	.73	.021	2.04		
67	<.01	.62	.052	1.67		
68	<.01	.52	.044	1.35		
69	<.01	.61	.042	2.40		
70	<.01	.32	.014	1.40		
71	<.01	.32	.007	1.51		
72	<.01	.39	.046	1.28		
73	<.01	.26	.012	1.25		
74	<.01	.16	.007	1.40		
75	<.01	.15	.022	1.01		
76	<.01	.22	.030	1.33		
77	<.01	.14	.003	1.38		
						95-15
67589	.01	.16	.007	2.20		
90	<.01	.11	.003	1.25		
91	<.01	.12	.002	1.72		
92	<.01	.12	.004	1.12		
93	<.01	.27	.004	1.60		
94	<.01	.17	.006	1.32		
95	<.01	.23	.013	1.27		
96	<.01	.26	.006	1.27		
97	<.01	.22	.014	1.25		

cc: Assay Lab.

JJ

Assayer

95-16

rm. No. Mill - 1

GIBRALTAR MINES LIMITED

ASSAY CERTIFICATE

EXPLORATION

Date ..... 1 JUNE 1995

Sample No.	% Ox. Cu.	Total Cu.	% MoS_2	A.S. Fe		95-16
67441	<.01	.19	.001	2.02		
42	.01	.57	.016	2.72		
43	.01	.49	.025	1.86		
44	<.01	.26	.007	2.01		
45	.01	.14	.003	1.77		
46	.01	.07	.004	2.38		
47	<.01	.34	.029	2.74		
48	<.01	.13	.005	2.28		
49	<.01	.20	.007	2.18		
50	<.01	.14	.006	2.12		
51	<.01	.36	.056	2.28		
52	.01	.50	.077	3.86		
53	.01	.49	.031	2.39		
54	<.01	.42	.018	2.17		
55	<.01	.23	.006	1.08		
56	.01	.30	.023	3.35		
57	<.01	.18	.008	1.54		
58	<.01	.11	.002	1.36		
59	<.01	.07	.010	2.20		
60	<.01	.05	.001	1.07		
61	<.01	.02	<.001	0.98		
62	<.01	.06	.002	1.01		
63	.01	.05	.003	1.60		
64	.01	.20	.004	2.29		
65	<.01	.03	.002	1.21		
66	<.01	.03	.001	1.20		
67	<.01	.08	.004	1.17		
68	<.01	.05	.002	0.96		

cc: Assay Lab.

Assayer D. A. [illegible]

orm. No. Mill - 1

95-16

GIBRALTAR MINES LIMITED

ASSAY CERTIFICATE

EXPLORATION

Date ..... 4. JUNE 1995

95-16

Sample No.	% Ox. Cu.	Total Cu.	% MoS₂	A.S. Fe		
67469	<.01	.04	.002	1.20		
70	<.01	.03	.002	.84		
71	<.01	.07	.004	1.16		
72	<.01	.03	.001	1.08		
67481	.01	.14	.002	2.63		
82	<.01	.13	.005	2.70		
83	<.01	.31	.018	2.04		
84	<.01	.29	.007	2.26		
85	<.01	.20	.016	.58		
86	<.01	.17	.005	.55		
87	<.01	.15	.009	.84		
88	<.01	.11	.001	.90		
89	<.01	.04	.001	1.06		
90	<.01	.13	.003	1.01		
91	<.01	.03	.003	.77		
92	<.01	.02	.002	.89		
93	<.01	.03	.001	1.20		
94	<.01	.06	.002	1.13		
95	<.01	.05	.003	1.09		
96	<.01	.03	.003	1.16		
97	<.01	.05	.002	1.25		
98	<.01	.03	.001	1.03		
99	<.01	.01	.002	.97		
67500	<.01	.02	.001	1.34		
01	<.01	.01	<.001	1.11		
02	<.01	.03	.002	1.39		
03	<.01	.04	.001	1.35		
04	<.01	.04	.001	1.11		
05	<.01	.03	.002	1.19		
06	<.01	.01	.001	1.08		

cc: Assay Lab.

Assayer ... D.A.W. .....

orm. No. Mill - 1

95-17

GIBRALTAR MINES LIMITED

ASSAY CERTIFICATE

XPLORATION

Date ..... 4. JUNE 19 95

Sample No.	% Ox. Cu.	Total Cu.	% MoS_2	A.S. Fe		
67469	<.01	.04	.002	1.20		
70	<.01	.03	.002	.84		
71	<.01	.07	.004	1.16		
72	<.01	.03	.001	1.08		
						95-17
67481	.01	.14	.002	2.63		
82	<.01	.13	.005	2.70		
83	<.01	.31	.018	2.04		
84	<.01	.29	.007	2.26		
85	<.01	.20	.016	.58		
86	<.01	.17	.005	.55		
87	<.01	.15	.009	.84		
88	<.01	.11	.001	.90		
89	<.01	.04	.001	1.06		
90	<.01	.13	.003	1.01		
91	<.01	.03	.003	.77		
92	<.01	.02	.002	.89		
93	<.01	.03	.001	1.20		
94	<.01	.06	.002	1.13		
95	<.01	.05	.003	1.09		
96	<.01	.03	.003	1.16		
97	<.01	.05	.002	1.25		
98	<.01	.03	.001	1.03		
99	<.01	.01	.002	.97		
67500	<.01	.02	.001	1.34		
01	<.01	.01	<.001	1.11		
02	<.01	.03	.002	1.39		
03	<.01	.04	.001	1.35		
04	<.01	.04	.001	1.11		
05	<.01	.03	.002	1.19		
06	<.01	.01	.001	1.08		

cc: Assay Lab.

Assayer ... D. A. W. .....

orm. No. Mill - 1

95-18

GIBRALTAR MINES LIMITED

ASSAY CERTIFICATE

EXPLORATION

Date June 06 19 95

Sample No.	% Ox. Cu.	Total Cu.	% MoS_2	A.S. Fe		95-18
67511	.02	.02	.001	1.63		
12	.02	.03	.003	2.17		
13	.06	.19	.006	2.89		
14	.06	.28	.008	2.91		
15	.09	.46	.004	2.61		
16	.09	.27	.004	1.79		
17	.07	.36	.004	1.90		
18	.09	.25	.002	2.72		
19	.06	.25	.002	2.06		
20	.04	.46	.011	2.04		
21	.08	.64	.013	2.01		
22	.08	.61	.031	2.33		
23	.02	.45	.009	1.87		
24	.03	.51	.020	2.59		
25	.05	.60	.020	1.84		
26	.01	.21	.003	1.39		
27	.01	.41	.016	.92		
28	.01	.29	.002	1.06		
29	.01	.27	.001	1.29		
30	<.01	.14	.002	1.12		
31	<.01	.03	<.001	1.03		
32	<.01	.05	.013	1.03		
33	<.01	.06	<.001	1.10		
34	<.01	.03	.001	.92		
35	<.01	.05	<.001	1.04		
36	<.01	.04	<.001	.92		
37	<.01	.05	<.001	.87		
38	<.01	.06	<.001	.82		

cc: Assay Lab.

Assayer

95-18

orm. No. Mill - 1

GIBRALTAR MINES LIMITED

ASSAY CERTIFICATE

XPLORATION

Date ..... 7 JUNE 19 95

Sample No.	% Ox. Cu.	Total Cu.	% MoS2	A.S. Fe		95-18
67539	<.01	.07	.003	1.04		
40	<.01	05	.001	1.19		
41	<.01	.03	.002	0.94		
42	<.01	.15	.004	1.34		
43	<.01	.06	.001	1.08		
44	<.01	.15	.001	0.93		
67551	02	.03	<.001	1.66		
52	04	.06	.002	2.02		
53	.06	.08	.002	2.16		
54	.09	.16	.004	2.46		
55	.08	.11	.002	1.85		
56	.05	.06	.002	1.64		
57	.06	.07	.002	1.87		
58	.05	.06	.001	1.15		
59	.05	.06	001	1.34		
60	.04	.06	001	0.67		
61	.04	.04	.001	1.03		
62	.04	.05	001	1.14		
63	.05	.06	.001	1.35		
64	.03	.04	.001	1.09		
65	.06	.09	001	1.03		
66	.08	.13	<.001	1.24		
67	.02	.03	<.001	0.95		
68	.01	.13	002	1.22		
69	.01	.09	.002	1.29		
70	.01	.10	.007	1.15		
71	.01	08	.002	1.20		
72	<.01	.07	.002	1.18		

cc: Assay Lab.

Assayer D.A.)

Form. No. Mill - 1

95-20

GIBRALTAR MINES LIMITED

ASSAY CERTIFICATE

EXPLORATION

Date ..... 14 JUNE 19 95

Sample No.	% Ox. Cu.	Total Cu.	% MoS₂	A.S. Fe		
67678	<.01	.19	.015	1.80		
79	<.01	.07	.005	.72		
80	<.01	.08	.005	.76		
81	<.01	.07	.003	.41		
82	<.01	.10	.007	.84		
83	<.01	.09	.001	.86		
84	<.01	.16	.004	2.46		
85	<.01	.17	.007	.92		
86	<.01	.19	.004	1.04		
67721	.01	.01	.001	1.89		
22	<.01	.01	.001	1.63		
23	<.01	.01	<.001	.86		
24	.01	.01	.001	.51		
25	.02	.03	<.001	1.25		
26	.01	.04	.001	3.08		
27	.02	.07	.002	3.08		
28	<.01	.04	<.001	1.67		
29	<.01	.06	<.001	1.70		
30	<.01	.24	.001	3.60		
31	<.01	.15	.001	2.93		
32	<.01	.11	<.001	2.08		
39	<.01	.13	<.001	2.19		
34	<.01	.10	<.001	1.86		
35	<.01	.06	<.001	2.08		
						95-20
67691	.02	.03	.002	1.39		
92	.03	.04	.001	1.52		
93	.04	.05	.002	1.26		
94	.09	.15	.005	2.70		

cc: Assay Lab.

Assayer ..D. A. L.....

Form. No. Mill - 1

95-20

GIBRALTAR MINES LIMITED

ASSAY CERTIFICATE

XPLORATION

Date 15 JUNE 1995

Sample No.	% Ox. Cu.	Total Cu.	% MoS₂	A.S. Fe		
						95-20
67695	.05	.05	.002	1.68		
96	.05	.05	.002	2.12		
97	.07	.09	.002	1.43		
98	.07	.14	.004	1.38		
99	.10	.27	.004	1.39		
67700	.13	.34	.014	1.40		
01	.18	.81	.021	1.66		
02	.10	.46	.014	2.12		
03	.04	.42	.010	1.33		
04	.04	.43	.018	.95		
05	.14	.27	.002	1.49		
06	.04	.18	.004	1.00		
07	.02	.26	.011	.88		
08	.01	.20	.004	1.18		
09	.11	.39	.012	.97		
10	.01	.12	.003	.81		
11	<.01	.06	.001	.82		
12	<.01	.09	.001	.79		
13	.01	.15	.002	1.16		
14	<.01	.11	.001	.92		
15	<.01	.06	.001	.94		
16	<.01	.09	.001	1.30		
17	<.01	.12	.001	2.14		
67736	<.01	.09	<.001	2.67		
37	<.01	.13	.003	3.73		
38	<.01	.10	.001	2.70		
39	<.01	.09	.002	2.21		
40	<.01	.11	.002	3.59		

cc: Assay Lab.

Assayer

95-21

orm. No. Mill - 1

GIBRALTAR MINES LIMITED

ASSAY CERTIFICATE

EXPLORATION

Date June 08 19 95

Sample No.	% Ox. Cu.	Total Cu.	% MoS2	A.S. Fe		
67573	<.01	.07	.002	1.70		
74	<.01	.13	.006	2.08		
75	<.01	.18	.005	2.29		
76	<.01	.12	.004	2.54		
77	<.01	.11	.003	2.73		
78	<.01	.15	.006	6.40		
79	<.01	.34	.021	2.61		
						95-21
67601	<.01	.02	<.001	.91		
02	<.01	.10	<.001	1.38		
03	<.01	.06	.001	1.71		
04	<.01	.02	<.001	1.02		
05	<.01	.05	.001	1.50		
06	<.01	.04	.001	1.40		
07	<.01	.17	<.001	2.08		
08	<.01	.03	.001	2.11		
09	<.01	.06	.001	2.16		
10	<.01	.63	.008	3.19		
11	<.01	.17	.009	3.76		
12	<.01	.20	.004	2.00		
13	<.01	.06	.002	.92		
14	<.01	.08	.001	1.22		
15	<.01	.09	.003	1.31		
16	<.01	.18	.015	1.51		
17	<.01	.16	.008	1.52		
18	<.01	.14	.008	1.78		
19	<.01	.19	.005	1.11		
20	<.01	.20	.015	20.6		
21	<.01	.40	.010	1.47		

cc: Assay Lab.

Assayer DD

Form No. Mill - 1

95-21

GIBRALTAR MINES LIMITED

ASSAY CERTIFICATE

EXPLORATION

Date June 10 19 95

Sample No.	% Ox. Cu.	Total Cu.	% MoS_2	A.S. Fe		95-21
67622	<.01	.26	.010	1.57		
23	<.01	.20	.004	1.32		
24	<.01	.11	.001	1.32		
25	<.01	.05	.002	1.06		
26	<.01	.06	.001	1.43		
27	<.01	.07	.002	1.41		
28	<.01	.04	.001	.90		
29	<.01	.04	.001	1.03		
30	<.01	.03	.001	1.28		
31	<.01	.08	.004	1.17		
67580	<.01	.18	.012	3.02		
81	<.01	.58	.021	2.75		
82	<.01	.39	.011	3.14		
83	<.01	.23	.006	3.28		
84	<.01	.58	.066	5.55		
85	<.01	.33	.021	1.77		
86	<.01	.37	.009	1.73		
87	<.01	.54	.113	1.90		
88	<.01	.22	.010	2.16		
67651	.04	.20	.002	3.04		
52	.14	.29	.002	2.76		
53	.03	.24	.003	3.80		
54	<.01	.08	.003	2.20		
55	<.01	.10	.004	2.70		
56	<.01	.09	.002	1.90		
57	<.01	.10	.004	1.91		
58	<.01	.15	.010	1.99		
59	<.01	.24	.007	2.30		

cc: Assay Lab.

Assayer JJ

Form No. Mill - 1

95-22

GIBRALTAR MINES LIMITED

ASSAY CERTIFICATE

EXPLORATION

Date ..... 14. JUNE .... 19.95.

Sample No.	% Ox. Cu.	Total Cu.	% MoS2	A.S. Fe		
67678	<.01	.19	.015	1.80		
79	<.01	.07	.005	.72		
80	<.01	.08	.005	.76		
81	<.01	.07	.003	.41		
82	<.01	.10	.007	.84		
83	<.01	.09	.001	.86		
84	<.01	.16	.004	2.46		
85	<.01	.17	.007	.92		
86	<.01	.19	.004	1.04		
						95-22
67721	.01	.01	.001	1.89		
22	<.01	.01	.001	1.63		
23	<.01	.01	<.001	.86		
24	.01	.01	.001	.51		
25	.02	.03	<.001	1.25		
26	.01	.04	.001	3.08		
27	.02	.07	.002	3.08		
28	<.01	.04	<.001	1.67		
29	<.01	.06	<.001	1.70		
30	<.01	.24	.001	3.60		
31	<.01	.15	.001	2.93		
32	<.01	.11	<.001	2.08		
33	<.01	.13	<.001	2.19		
34	<.01	.10	<.001	1.86		
35	<.01	.06	<.001	2.08		
67691	.02	.03	.002	1.39		
92	.03	.04	.001	1.52		
93	.04	.05	.002	1.26		
94	.09	.15	.005	2.70		

cc: Assay Lab.

Assayer ..D. A. W.....

Form. No. Mill - 1

95-22

GIBRALTAR MINES LIMITED

ASSAY CERTIFICATE

XPLORATION

Date ..... 15 JUNE .... 1995.

Sample No.	% Ox. Cu.	Total Cu.	% MoS_2	A.S. Fe		
67695	.05	.05	.002	1.68		
96	.05	.05	.002	2.12		
97	.07	.09	.002	1.43		
98	.07	.14	.004	1.38		
99	.10	.27	.004	1.39		
67700	.13	.34	.014	1.40		
01	.18	.81	.021	1.66		
02	.10	.46	.014	2.12		
03	.04	.42	.010	1.23		
04	.04	.43	.018	.95		
05	.14	.27	.002	1.49		
06	.04	.18	.004	1.00		
07	.02	.26	.011	.88		
08	.01	.20	.004	1.18		
09	.11	.39	.012	.97		
10	.01	.12	.003	.81		
11	<.01	.06	.001	.82		
12	<.01	.09	.001	.79		
13	.01	.15	.002	1.16		
14	<.01	.11	.001	.92		
15	<.01	.06	.001	.94		
16	<.01	.09	.001	1.30		
17	<.01	.12	.001	2.14		
						95-22
67736	<.01	.09	<.001	2.67		
37	<.01	.13	.003	3.73		
38	<.01	.10	.001	2.70		
39	<.01	.09	.002	2.21		
40	<.01	.11	.002	3.59		

cc: Assay Lab.

Assayer D.A.W.

Form. No. Mill - 1

95-22

GIBRALTAR MINES LIMITED

ASSAY CERTIFICATE

EXPLORATION

Date ..... 16 JUNE ... 19 95

Sample No.	% Ox. Cu.	Total Cu.	% MoS_2	A.S. Fe		
						95-22
67741	<.01	.17	.003	3.34		
42	<.01	.12	.004	2.67		
43	<.01	.09	.003	3.45		
44	<.01	.12	.003	2.58		
45	<.01	.17	.006	2.98		
46	<.01	.21	.005	2.10		
47	<.01	.31	.005	2.48		
48	<.01	.27	.008	2.34		
49	<.01	.29	.009	1.85		
50	<.01	.32	.011	2.49		
51	<.01	.41	.021	3.34		
67771	<.01	.01	.001	.99		
72	.01	.01	.001	1.65		
73	<.01	<.01	<.001	1.43		
74	<.01	<.01	.001	1.11		
75	<.01	.01	<.001	1.17		
76	.01	.01	<.001	1.31		
77	<.01	<.01	.001	1.09		
78	.01	.01	<.001	1.49		
79	.01	.01	.001	1.23		
80	<.01	<.01	<.001	1.09		
81	.01	.01	<.001	1.17		
82	.01	.02	<.001	1.32		
83	<.01	.01	.001	.76		
84	<.01	.01	<.001	.77		
85	<.01	.09	<.001	1.65		
86	<.01	.01	.001	1.40		
87	<.01	.02	<.001	.94		

cc: Assay Lab.

Assayer D. A. W.

Form No. Mill - 1

95-22

GIBRALTAR MINES LIMITED

ASSAY CERTIFICATE

XPLORATION

Date June 20 19 95

Sample No.	% Ox. Cu.	Total Cu.	% MoS₂	A.S. Fe		
67788	.04	.06	.003	1.46		
89	<.01	.02	.001	1.77		
90	<.01	.10	.001	2.78		
91	.01	.07	.003	1.88		
92	.01	.17	.017	2.59		
93	.01	.09	.002	2.16		
94	<.01	.11	.001	2.24		
95	<.01	.07	.002	1.39		
96	<.01	.07	<.001	2.00		
97	<.01	.06	.003	.65		
98	<.01	.21	.002	1.32		
99	<.01	.05	.002	1.16		
						95-22
67752	.01	.46	.008	3.13		
53	.01	.40	.005	2.65		
54	.01	.40	.013	1.72		
55	.01	.37	.017	2.99		
56	.01	.39	.013	2.10		
57	.01	.25	.007	2.43		
58	<.01	.07	.002	1.71		
59	.01	.12	.005	1.61		
60	.01	.25	.008	2.03		
61	.01	.42	.030	1.92		
62	.01	.15	.012	1.73		
63	.01	.37	.012	3.28		
64	.01	.22	.004	2.01		
65	<.01	.13	.007	2.35		
67801	<.01	<.01	.001	1.70		
02	<.01	<.01	.001	1.00		

cc: Assay Lab.

95-23

rm. No. Mill - 1

GIBRALTAR MINES LIMITED

ASSAY CERTIFICATE

EXPLORATION

Date ..... 16 JUNE 19 95

Sample No.	% Ox. Cu.	Total Cu.	% MoS_2	A.S. Fe		
67741	<.01	.17	.003	3.34		
42	<.01	.12	.004	2.67		
43	<.01	.09	.003	3.45		
44	<.01	.12	.003	2.58		
45	<.01	.17	.006	2.98		
46	<.01	.21	.005	2.10		
47	<.01	.31	.005	2.48		
48	<.01	.27	.008	2.34		
49	<.01	.29	.009	1.85		
50	<.01	.32	.011	2.49		
51	<.01	.41	.021	3.34		
						95-23
7771	<.01	.01	.001	.99		
72	.01	.01	.001	1.65		
73	<.01	<.01	<.001	1.43		
74	<.01	<.01	.001	1.11		
75	<.01	.01	<.001	1.17		
76	.01	.01	<.001	1.31		
77	<.01	<.01	.001	1.09		
78	.01	.01	<.001	1.49		
79	.01	.01	.001	1.23		
80	<.01	<.01	<.001	1.09		
81	.01	.01	<.001	1.17		
82	.01	.02	<.001	1.32		
83	<.01	.01	.001	.76		
84	<.01	.01	<.001	.77		
85	<.01	.09	<.001	1.65		
86	<.01	.01	.001	1.40		
87	<.01	.02	<.001	.94		

cc: Assay Lab.

Assayer

95-23

orm. No. Mill - 1

GIBRALTAR MINES LIMITED

ASSAY CERTIFICATE

Date June 20 19 95

XPLORATION

95-23

Sample No.	% Ox. Cu.	Total Cu.	% MoS₂	A.S. Fe		
67788	.04	.06	.003	1.46		
89	<.01	.02	.001	1.77		
90	<.01	.10	.001	2.78		
91	.01	.07	.003	1.88		
92	.01	.17	.017	2.59		
93	.01	.09	.002	2.16		
94	<.01	.11	.001	2.24		
95	<.01	.07	.002	1.39		
96	<.01	.07	.001	2.00		
97	<.01	.06	.003	.65		
98	<.01	.21	.002	1.32		
99	<.01	.05	.002	1.16		
67752	.01	.46	.008	3.13		
53	.01	.40	.005	2.65		
54	.01	.40	.013	1.72		
55	.01	.37	.017	2.99		
56	.01	.39	.013	2.10		
57	.01	.25	.007	2.43		
58	<.01	.07	.002	1.71		
59	.01	.12	.005	1.61		
60	.01	.25	.008	2.03		
61	.01	.42	.030	1.92		
62	.01	.15	.012	1.73		
63	.01	.37	.012	3.28		
64	.01	.22	.004	2.01		
65	<.01	.13	.007	2.35		
67801	<.01	<.01	.001	1.70		
02	<.01	<.01	.001	1.00		

cc: Assay Lab.

Assayer

Form No. Mill - 1

95-24

GIBRALTAR MINES LIMITED

ASSAY CERTIFICATE

EXPLORATION

Date June 20 19 95

Sample No.	% Ox. Cu.	Total Cu.	% MoS_2	A.S. Fe		
67788	.04	.06	.003	1.46		
89	<.01	.02	.001	1.77		
90	<.01	.10	.001	2.78		
91	.01	.07	.003	1.88		
92	.01	.17	.017	2.59		
93	.01	.09	.002	2.16		
94	<.01	.11	.001	2.24		
95	<.01	.07	.002	1.39		
96	<.01	.07	.001	2.00		
97	<.01	.06	.003	.65		
98	<.01	.21	.002	1.32		
99	<.01	.05	.002	1.16		
67752	.01	.46	.008	3.13		
53	.01	.40	.005	2.65		
54	.01	.40	.013	1.72		
55	.01	.37	.017	2.99		
56	.01	.39	.013	2.10		
57	.01	.25	.007	2.43		
58	<.01	.07	.002	1.71		
59	.01	.12	.005	1.61		
60	.01	.25	.008	2.03		
61	.01	.42	.030	1.92		
62	.01	.15	.012	1.73		
63	.01	.37	.012	3.28		
64	.01	.22	.004	2.01		
65	<.01	.13	.007	2.35		
67801	<.01	<.01	.001	1.70		95-24
02	<.01	<.01	.001	1.00		

cc: Assay Lab.

Assayer

rm. No. Mill - 1

95-24

GIBRALTAR MINES LIMITED

ASSAY CERTIFICATE

XPLORATION

Date ..... 20 ... JUNE ... 19.95.

Sample No.	% Ox. Cu.	Total Cu.	% MoS_2	A.S. Fe		
						95-24
67803	<.01	<.01	.001	1.45		
04	.01	.01	.001	1.19		
05	<.01	.01	.001	1.54		
06	.01	.01	.001	1.49		
07	.02	.02	.001	1.27		
08	.02	.02	<.001	1.09		
09	.02	.02	.001	.94		
10	.02	.04	.001	1.34		
11	.03	.04	<.001	1.36		
12	.12	.21	.001	1.57		
13	.05	.07	.001	1.24		
14	.02	.02	.001	1.08		
15	.01	.02	.001	1.24		
16	<.01	.05	.001	1.16		
17	.01	.33	.013	1.76		
18	.01	.12	.003	1.62		
19	.01	.41	.004	2.69		
20	<.01	.22	.003	1.25		
21	.01	.10	.008	1.24		
22	.01	.20	.005	1.80		
23	<.01	.10	.003	1.55		
24	.01	.09	.006	1.29		
25	.01	.08	.003	2.33		
26	.01	.15	.007	2.79		
27	<.01	.12	.005	2.43		
28	.01	.04	.004	1.92		
29	.01	.09	.005	1.93		
30	<.01	.09	.004	1.47		

cc: Assay Lab.

95-25

orm. No. Mill - 1

GIBRALTAR MINES LIMITED

ASSAY CERTIFICATE

XPLORATION

Date June 21 19 95

Sample No.	% Ox. Cu.	Total Cu.	% MoS_2	A.S. Fe		95-25
67831	.04	.04	.002	1.07		
32	.04	.04	.002	1.24		
33	.04	.05	.003	1.69		
34	.05	.09	.004	1.69		
35	.03	.04	.002	1.01		
36	.06	.06	.002	1.16		
37	.07	.10	.002	.90		
38	.04	.10	<.001	.74		
39	.09	.16	.002	1.05		
40	.12	.30	.005	1.46		
41	.03	.27	.005	1.13		
42	.05	.28	.010	1.05		
43	.02	.17	.004	1.32		
44	.01	.18	.002	.98		
45	.01	.09	.016	2.18		
67861	.03	.05	.004	3.00		
62	.04	.07	.001	1.95		
63	.07	.10	.002	1.64		
64	.09	.11	.003	1.22		
65	.06	.06	.001	.84		
66	.06	.11	.004	1.84		
67	.12	.15	.002	1.49		
68	.12	.33	.001	1.21		
69	.02	.07	.014	1.11		
70	.16	.33	.005	1.11		
71	.03	.43	.020	1.20		
72	.01	.38	.013	1.34		
73	.01	.51	.008	1.10		

cc: Assay Lab.

JJ

95-25

orm. No. Mill - 1

GIBRALTAR MINES LIMITED

ASSAY CERTIFICATE

XPLORATION

Date June 22 19 95

Sample No.	% Ox. Cu.	Total Cu.	% MoS_2	A.S. Fe		95-25
67846	<.01	.10	.006	1.04		
47	<.01	.10	.010	1.25		
48	<.01	.14	.011	1.17		
49	<.01	.08	.006	1.23		
50	<.01	.16	.028	1.29		
51	<.01	.13	.012	2.71		
52	<.01	.22	.018	1.77		
53	<.01	.13	.013	1.43		
54	<.01	.11	.003	1.41		
55	<.01	.30	.001	1.57		
67874	.01	.42	.010	1.44		
75	.01	.47	.059	1.52		
76	<.01	.25	.005	1.15		
77	.01	.49	.014	1.29		
78	<.01	.17	.034	.60		
79	<.01	.14	.010	.59		
80	.01	.31	.007	1.88		
81	<.01	.31	.014	1.73		
82	.01	.49	.013	1.78		
83	<.01	.30	.003	1.34		
84	.01	.41	.021	1.41		
85	<.01	.31	.012	1.37		
86	<.01	.27	.018	.54		
87	<.01	.15	.019	.49		
67891	.01	.07	.008	1.54		
92	.03	.06	.004	2.02		
93	.01	.02	.001	1.22		
94	.01	.03	.001	1.07		

cc: Assay Lab.

95-26

orm. No. Mill - 1

GIBRALTAR MINES LIMITED

ASSAY CERTIFICATE

XPLORATION

Date June 21 19 95

Sample No.	% Ox. Cu.	Total Cu.	% MoS₂	A.S. Fe		
67831	.04	.04	.002	1.07		
32	.04	.04	.002	1.24		
33	.04	.05	.003	1.69		
34	.05	.09	.004	1.69		
35	.03	.04	.002	1.01		
36	.06	.06	.002	1.16		
37	.07	.10	.002	.90		
38	.04	.10	<.001	.74		
39	.09	.16	.002	1.05		
40	.12	.30	.005	1.46		
41	.03	.27	.005	1.13		
42	.05	.28	.010	1.05		
43	.02	.17	.004	1.32		
44	.01	.18	.002	.99		
45	.01	.09	.016	2.18		
						95-26
67861	.03	.05	.004	3.00		
62	.04	.07	.001	1.95		
63	.07	.10	.002	1.64		
64	.09	.11	.003	1.22		
65	.06	.06	.001	.84		
66	.06	.11	.004	1.64		
67	.12	.15	.002	1.49		
68	.12	.33	.001	1.21		
69	.02	.07	.014	1.11		
70	.16	.33	.009	1.11		
71	.03	.43	.020	1.20		
72	.01	.38	.013	1.34		
73	.01	.51	.008	1.10		

cc: Assay Lab.

JJ

Assayer .....

Form No. Mill - 1

95-26

GIBRALTAR MINES LIMITED

ASSAY CERTIFICATE

EXPLORATION

Date June 22 19 95

Sample No.	% Ox. Cu.	Total Cu.	% MoS2	A.S. Fe		
67846	<.01	.10	.006	1.04		
47	<.01	.10	.010	1.25		
48	<.01	.14	.011	1.17		
49	<.01	.08	.006	1.23		
50	<.01	.16	.028	1.29		
51	<.01	.13	.012	2.71		
52	<.01	.22	.018	1.77		
53	<.01	.13	.013	1.43		
54	<.01	.11	.003	1.41		
55	<.01	.30	.001	1.53		
						95-26
67874	.01	.42	.010	1.44		
75	.01	.47	.059	1.52		
76	<.01	.25	.005	1.15		
77	.01	.49	.014	1.29		
78	<.01	.17	.034	.60		
79	<.01	.14	.010	.59		
80	.01	.31	.007	1.88		
81	<.01	.31	.014	1.73		
82	.01	.49	.013	1.78		
83	<.01	.30	.003	1.34		
84	.01	.41	.021	1.41		
85	<.01	.31	.012	1.37		
86	<.01	.27	.018	.54		
87	<.01	.19	.019	.49		
67891	.01	.07	.008	1.54		
92	.03	.06	.004	2.02		
93	.01	.02	.001	1.22		
94	.01	.03	.001	1.07		

cc: Assay Lab.

Assayer

Form No. Mill - 1

95-27

GIBRALTAR MINES LIMITED

ASSAY CERTIFICATE

XPLORATION

Date June 27 19 95

Sample No.	% Ox. Cu.	Total Cu.	% MoS_2	A.S. Fe		
67846	<.01	.10	.006	1.04		
47	<.01	.10	.010	1.25		
48	<.01	.14	.011	1.17		
49	<.01	.08	.006	1.23		
50	<.01	.16	.028	1.29		
51	<.01	.13	.012	2.71		
52	<.01	.22	.018	1.77		
53	<.01	.13	.013	1.43		
54	<.01	.11	.003	1.41		
55	<.01	.30	.001	1.53		
67874	.01	.42	.010	1.44		
75	.01	.47	.059	1.52		
76	<.01	.25	.005	1.15		
77	.01	.49	.014	1.29		
78	<.01	.17	.034	.60		
79	<.01	.14	.010	.59		
80	.01	.31	.007	1.88		
81	<.01	.31	.014	1.73		
82	.01	.49	.013	1.78		
83	<.01	.30	.003	1.34		
84	.01	.41	.021	1.41		
85	<.01	.31	.012	1.37		
86	<.01	.27	.018	.54		
87	<.01	.19	.019	.49		
67891	.01	.07	.008	1.54		95-27
92	.03	.06	.004	2.02		
93	.01	.02	.001	1.22		
94	.01	.03	.001	1.07		

cc: Assay Lab.

Assayer

95-27

rm. No. Mill - 1

GIBRALTAR MINES LIMITED

ASSAY CERTIFICATE

EXPLORATION

Date June 23 19 95

95-27

Sample No.	% Ox. Cu.	Total Cu.	% MoS2	A.S. Fe		
67895	.04	.05	.001	1.51		
96	.05	.17	.003	1.85		
97	.01	.05	<.001	1.70		
98	.01	.04	.002	1.64		
99	<.01	.16	.005	2.09		
900	.01	.36	.017	2.60		
01	.01	.24	.011	2.81		
02	<.01	.19	.005	2.33		
03	.01	.65	.017	2.10		
04	.01	.46	.047	2.86		
05	.01	.12	.004	2.00		
06	.01	.35	.018	1.69		
07	.01	.34	.021	1.75		
68	.01	.58	.038	2.04		
09	<.01	.27	.005	1.28		
10	<.01	.22	.003	1.34		
11	<.01	.25	.004	1.96		
12	<.01	.24	.002	2.14		
13	<.01	.15	.004	2.01		
14	<.01	.44	.012	1.18		
15	<.01	.39	.024	2.52		
16	.01	.62	.029	2.58		
17	<.01	.21	.003	1.61		
67921	.01	.02	.002	2.13		
22	.04	.06	.003	3.21		
23	.07	.09	.001	2.65		
24	.03	.03	<.001	.85		
25	.04	.07	.002	2.04		

cc: Assay Lab.